C&S COMPANIES

INTERIM REMEDIAL MEASURE

CONSTRUCTION CERTIFICATION REPORT

Including

QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

and

REMEDIAL ALTERNATIVES ASSESSMENT

for

Boone Park
353 Germania Street
Buffalo, New York

SEPTEMBER 2005

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CONSTRUCTION CERTIFICATION REPORT

1.0 INTRODUCTION

1.1 Purpose and Format of the Report

This Interim Remedial Measure (IRM) Construction Certification Report documents the performance of an IRM at the Boone Park Brownfields Site, in the City of Buffalo, New York. The IRM was conducted by the City of Buffalo under the New York State Department of Environmental Conservation's (NYSDEC's) "Brownfields Program", utilizing funding allocated under the 1996 New York State Clean Water/Clean Air Bond Act. The IRM addressed the presence of arsenic at concentrations exceeding background in surface soils and shallow overburden soils at the Boone Park site. The presence of arsenic at concentrations exceeding background at the park was identified during historical site investigations overseen by the United States Environmental Protection Agency (USEPA) and was confirmed and delineated during a 2004 Brownfields Site Investigation (SI).

The NYSDEC-approved November 2004 SI Report (C&S Engineers, Inc.) provided the basis of design for the IRM. The NYSDEC-approved November 2004 IRM Contract Documents (C&S Engineers, Inc.) provided General and Special Conditions, Bid Documents, Mandatory State Contract Clauses, and Technical Specifications for the IRM. The IRM General Contractor was Nature's Way Environmental Consultants and Contractors of Crittenden, New York and C&S Engineers, Inc. provided IRM construction phase services.

This report follows the format for Remedial Action Reports provided in Section 5.8 of NYSDEC's Draft Technical Guidance for Site Investigation and Remediation (Draft DER-10). Following the sections documenting the IRM, are sections that provide a qualitative human health exposure assessment, and a discussion of remedial action alternatives, each with respect to post-IRM conditions at the site.

1.2 Summary of the Remedy

The IRM was based on summary site arsenic data and was designed to:

- Remove soil to depths of 6, 12 or 18 inches in discrete areas of the site and dispose of those soils off-site at a properly permitted disposal facility.
- Document soil quality at the vertical limits of excavation (excavation bottom) via sampling of discrete areas for total arsenic analysis utilizing 24 hour turnaround. On average, one composite confirmation sample was to be collected per approximately 4,000 square feet of excavation area. The total arsenic result for each area would be compared to the site-specific Remedial Action Objective (RAO) of 20 mg/kg.
- Remove additional soil from areas where arsenic concentrations exceed the RAO, and conduct additional confirmation sampling until the remedial goal was achieved.
- Once the RAO was achieved, renovate the site by placing and compacting approved backfill and top soil, raking and seeding the area, and replacing park structures.
- The IRM contractor was required to backfill using uncontaminated materials from off site. The Contractor was required to demonstrate, via laboratory analysis, that his proposed backfill for the area contained chemical concentrations less than, or equal to, the Recommended Soil Clean-up Objectives from the NYSDEC's Technical and Guidance Memorandum (TAGM) #4046 for TCL VOCs, SVOCs, PCBs/Pesticides, and TAL inorganic parameters.
- Approximately 3,800 cubic yards of soil would be excavated to achieve the preliminary design excavation limits.

The above approach was to provide a site:

- Cleared of soils known to contain arsenic concentrations exceeding the 20 mg/kg RAO; and
- Provide a minimum of six inches of imported fill cover material over soil that was present before the IRM.

The summary site arsenic data indicated that the above-described approach should result in a site where the majority of arsenic concentrations at the depth of excavation would be at or near the NYSDEC's 7.5 mg/kg clean-up objective from TAGM 4046. Furthermore, a six-inch minimum cover layer of non-impacted soils was to provide protection from the underlying soils present at the site prior to the IRM.

In designing the IRM the following special project conditions were specified:

- Community air monitoring consistent with NYSDOH guidance and site-specific action levels would be conducted by the Remedial Contractor during all ground-intrusive IRM activities;
- The Remedial Contractor was required to submit a Plan of Operations to demonstrate how he would successfully prevent site soils from becoming airborne, or from otherwise migrating from the site via storm water, on the wheels of vehicles, or by other means;
- The Contractor was required to provide a secure site during the IRM to protect the public from entering the site or otherwise being exposed to arsenic-impacted soils;
- The Contractor was required to provide a site-specific Health and Safety Plan and an Emergency Response Contingency Plan for his employees to protect his employees from exposure to site contaminants as well as general worksite hazards.

A Citizen Participation Plan for the project was instituted. One public meeting was held following completion of the site investigation and another public meeting was held prior to initiation of IRM construction, to address concerns of park neighbors.

2.0 SUMMARY OF REMEDIAL ACTIONS

Site mobilization for the IRM was initiated on April 6, 2005. The remedial excavation work began on that date and was completed on May 5, 2005. Backfill of the site commenced on April 29, 2005 and was completed on May 9, 2005. Site restoration activities were completed during May and June, 2005 and landscaping was maintained throughout the summer of 2005. Final inspection will be scheduled for the fall of 2005, to coincide with the end of the growing season.

2.1 Area of Concern

The area of concern identified during the SI and addressed by the IRM was surface and shallow overburden soils within the approximately 2.7 acre ball-field area at the site. The playground area south of the ball-field and separated from the ball-field by a sidewalk and chain link fence was not identified as an area of concern based on the previous replacement of soil materials in that area during construction of the playground and confirmation via sampling by the USEPA that those soils do not contain arsenic concentrations exceeding the RAO.

Figure 1 (SI Figure 7) shows the area of concern and the sub-areas where excavation to the design depths of 6-inches, 12-inches, or 18-inches were anticipated. Figure 2 shows how each of the sub-areas was divided into smaller sub-areas for confirmation sampling. The field identification of the 31 sub-areas was determined by the sequence of excavation. Confirmation sample results for each sub-area are summarized in Table 1, which includes approximate depths of excavation and approximate volumes of soil removed from each sub-area.

2.2 Problems Encountered During Construction

The iterative approach to excavation outlined above allowed for uncertainties posed by the heterogeneous conditions at the site. The sequencing of excavation areas was developed so that, with 24-hour turnaround on the confirmation samples, an area that might require additional excavation to meet RAOs could be accessed without requiring equipment and vehicles to traverse areas where excavation had already been completed. The only situation where that could not be accomplished was in the final excavation of Areas 7 and 17, located between the sidewalk and curb on the western boundary of the site. In that area, polyethylene sheeting was used to protect the "clean" areas where the transport vehicles could be loaded.

The need to remove soil in excess of design limits was to be based solely on confirmation sample results. However, an extended area of black sandy material (suspected to be former foundry sands) was exposed during excavation. After consulting with NYSDEC, it was decided to remove and dispose of these materials. Figure 2 shows the approximate areal extent of those materials, which were present in Areas 9, 22, and 24. The thickness of the layer of suspected foundry sand materials was approximately18-inches (some of which was located within the design cut interval) and the estimated additional volume was 85 cubic yards. Those materials are identified as "foundry sand cut" in Table 1.

Many subsurface areas at the site were characterized by the presence of construction/demolition debris at the limits of excavation. Large pieces of exposed concrete were removed and disposed, but smaller pieces (bricks, brick fragments, glass, asphalt, ash, etc.) were not. To the extent practicable, representative quantities of those materials were included in the confirmation samples prepared for the area.

Based on the analytical result of 33.5 mg/kg for total arsenic in confirmation sample SC-17, excavation of Area 17 was extended to a depth of 12 inches on April 19, 2005 (see Figure 2

and Table 1). Deepening that excavation exposed a red granular material, not previously encountered at the site. Confirmation sample SC-17R, collected at the 12-inch depth, included a representative quantity of the red granular material. The analytical result for that sample indicated a total arsenic concentration of 241 mg/kg. Based on that result, it was decided to extend the excavation in that area to attempt to remove the red material. An additional 2.5 feet of cut was completed and sample SC-17R2 CLAY was collected from the (apparently native) materials remaining at the bottom of the excavation. The total arsenic analytical result for sample SC-17R2 CLAY was 3.3 mg/kg. However, a three to four inch thick layer of the red material extended beneath the sidewalk and curb which run along the eastern and western boundary of the area, respectively. The approximate depth of those materials is 24 inches. A discrete sample of the red granular materials was prepared and submitted to the laboratory as sample SC-17R2 GRAN; the analytical results for sample SC-17R2 GRAN indicated a total arsenic content of 104 mg/kg (see Table 1).

Based on the total arsenic content of confirmation sample SC-17R (241 mg/kg), the analytical laboratory was requested to analyze the sample for TCLP arsenic, to determine whether the existing waste profile was adequate for disposal of those materials. The arsenic content for the TCLP extract prepared from sample SC-17R-TCLP was 3.3 ug/l, indicating that the materials do not exhibit hazardous characteristics associated with arsenic and also indicating that the existing waste profile was adequate for those materials. The Data Usability Summary Report (Appendix B) includes a narrative describing the request for TCLP analysis of sample SC-17R and the data forms for the TCLP analysis.

2.3 Changes to the Design Documents

Addendum #1 to the Contract Documents was distributed to potential bidders during the pre-bid period. That addendum was added in response to a request from several potential bidders. The addendum provided a separate bid item for post-excavation tree planting and a revised bid form and project schedule. A clarification was included associated with the Bid Items to be used for the different backfill materials.

After the remedial contractor mobilized to the site, a design change regarding the basketball court was instituted in response to concerns of neighbors on Boone Street. Previously, the basketball court, located in the southeastern portion of the site, was not to be affected by the IRM work; the City of Buffalo planned to undertake renovations to the court after completion of the IRM. The City of Buffalo agreed with the neighbors that relocating the court to the northeastern corner of the site would enhance the park by increasing the distance of the court

from the residences on Boone Street. The NYSDEC advised that, except for the earthwork involved, Bond Act funding was not applicable to the basketball court relocation/renovation. With agreement of all parties to the above, the change was incorporated.

No other significant design changes were required during the IRM.

2.4 Volume and Concentrations of Arsenic-Contaminated Materials Removed

Based on pre- and post- excavation surveys conducted by a New York State Licensed Land Surveyor, a total of 5,495.6 cubic yards of arsenic-contaminated soil was removed from the site and disposed during the IRM. Appendix A provides the calculations of the New York State Licensed Land Surveyor.

SI and historical arsenic sampling indicated that the total arsenic concentration within the soils to be excavated ranged from approximately 20 mg/kg to approximately 350 mg/kg, with the majority (>90%) of concentrations less than 70 mg/kg. As part of the IRM, the Contractor was required to perform waste characterization sampling to demonstrate that the soils destined for disposal did not exhibit characteristics of a hazardous waste. Appendix B provides the waste characterization sample results and a letter from NYSDEC Region 9 stating that the materials were approved for disposal at the Town of Tonawanda Landfill, a licensed non-hazardous industrial solid waste disposal facility.

2.5 Waste Disposal Listing

As discussed above, 5,495.6 cubic yards of arsenic-contaminated soil were excavated and properly disposed at the Town of Tonawanda Landfill during the IRM. The other minor waste streams generated during the IRM were:

- C&D Materials – These materials included approximately 7.54 tons of metallic waste (fences, benches, baseball backstops, etc) which were recycled at the Edward Arnold Scrap Processors facility in Corfu, New York. Approximately 41.2 tons of concrete were transported to the Swift River Associates facility after soil materials were removed from the outer surfaces using a pressure washer.
- Spent Decontamination Water – During the IRM, water that accumulated in the sump within the lined truck decontamination pad was pumped into a 55-gallon drum. Following completion of excavation activities, the spent decontamination water was

transported to the Industrial Oil Services, Inc. facility in Oriskany, New York for disposal.

- Tree wood – Nineteen mature trees needed to be removed during the IRM. Root masses and stumps were disposed at the Town of Tonawanda Landfill as non-hazardous industrial solid waste. Branches and twigs were chipped and disposed with the soil materials as non-hazardous industrial solid waste. Composite samples from the remaining wood were submitted by the remedial contractor for laboratory analysis of total arsenic-content. When the result indicated less than 1 mg/kg total arsenic, the contractor was allowed to dispose of the wood as he saw fit.

3.0 APPLICABLE REMEDIATION STANDARDS

The NYSDEC's Technical and Guidance Memorandum (TAGM) # 4046 – "Determination of Soil Clean-up Objectives and Clean-up Levels" lists a recommended soil clean-up objective of 7.5 mg/kg or Site Background for total arsenic. Prior to initiating the Brownfields SI for the Boone Park site, the NYSDEC and NYSDOH established the remedial action objective (RAO) of 20 mg/kg for total arsenic, based on surface soil background values in the area developed by the USEPA. The summary site arsenic data indicate that adherence to the 20 mg/kg RAO should result in a site where the majority of arsenic concentrations at the depth of excavation would be at or near the NYSDEC's 7.5 mg/kg clean-up objective from TAGM # 4046.

4.0 IRM DATA REVIEW

Table 1 provides the soil confirmation sample data for each of the 31 soil confirmation sampling areas. Table 1 also provides calculations of the approximate amount of soil removed from each area to achieve the excavation depth listed. Figure 2 shows the area covered by each confirmation sample, as well as the final design depth for each area. Appendix C provides the Data Usability Summary Report from Data Validation Services of North Creek, New York as well as the validated sample report forms. Table 2 provides the SI data upon which the preliminary design depths of excavation were based.

Several relevant observations regarding the IRM arsenic data follow:

- Of the 31 discrete soil confirmation sample areas, ten areas (32%) required additional excavation (beyond preliminary design depth) before the RAO could be achieved for the area;
- Of the ten areas requiring additional excavation, the RAO was achieved in seven areas after 6 inches of additional soil were removed. In three areas (Areas 7, 17, and 29) more than six inches of additional excavation were needed to meet the RAO, with the maximum depth of excavation occurring in Area 17, where approximately 3.5 feet (total) were removed;
- At the completion of the IRM, the 20 mg/kg RAO was achieved at the vertical limits of excavation (bottom of excavation) at each soil confirmation sampling area. The site-wide average arsenic concentration at the vertical limits of excavation was 9.7 mg/kg.
- Section 2.2 provides a discussion regarding the apparently arsenic-impacted materials that were left in place beneath the sidewalk and curb at a depth of approximately two feet in Area 17 (characterized by sample SC-17R2 GRAN).

5.0 SITE RESTORATION

Following completion of the IRM excavation, the site was backfilled to the final design grade utilizing imported fill materials. The baseball field and new basketball court were constructed, a perimeter wooden bollard and cable system was installed along the eastern and western park boundaries, fencing was installed along the northern park boundary, grass seed was planted, and trees were planted. Consistent with the Contract Documents, final closeout will be delayed approximately 11 months to ascertain whether landscaping is acceptable (e.g., no settling occurs, seeding is fully established and that all trees survive).

6.0 SOURCE AND QUALITY OF FILL MATERIALS

Appendix D provides the analytical data generated to document the quality of fill materials used at the site. The backfill utilized was poorly graded sand with silt from the Buffalo Crushed Stone facility in Zoldaz, New York and the topsoil was sandy silt from a previously undeveloped site located at North American Drive in West Seneca, New York.

7.0 SUMMARY OF PROJECT COSTS

Appendix E provides the bid tabulation for the Boone Park IRM, which resulted in award of the IRM contract to the low bidder, Nature's Way Environmental Consultants and Contractors of Crittenden, New York. Appendix E also provides a copy of the change order for moving the basketball court to the northeastern corner of the site, as described in Section 2.3. Also provided in Appendix E are the Contractor's approved invoices for all work completed through Substantial Completion of the IRM. Final Contract Closeout for the IRM is not scheduled until a 11 month period elapses and the long-term adequacy of the site restoration is demonstrated, for which a 5% retainage by the City of Buffalo has been made.

8.0 "AS-BUILT" DRAWINGS

Figure 2 and Appendix A provide the surveyed horizontal and vertical limits of the IRM excavation. Figure 2 includes the locations of all final confirmation samples as well as the permanent benchmark established during the SI topographical survey of the site. The pre-excavation and post-excavation elevation grid maps in Appendix A indicate a second benchmark established by the surveyor.

9.0 WASTE TRANSPORT MANIFESTS

Appendix F (separate volume) provides a copy of each waste transport manifest executed during the IRM. These manifests indicate that a total of 8,571.45 tons of non-hazardous industrial solid waste were disposed at the Town of Tonawanda Landfill during the IRM.

10.0 COMMUNITY AIR MONITORING

Community air monitoring was conducted during ground-intrusive activities associated with the IRM. The air monitoring program was consistent with NYSDOH guidance provided in their Generic Community Air Monitoring Plan (CAMP), and utilized upwind, downwind, and work zone (when applicable) monitors for particulates (dust). Particulate measurements exceeding the NYSDOH action limit of 150 ug/m^3 (micrograms per cubic meter) above background for particulates in the work zone or at the downwind station triggered dust suppression actions, which included:

- Slowing down or re-routing vehicles;
- Spraying haul roads with water or alternative dust suppressants;
- Continued monitoring to document effectiveness of dust suppression.

Air monitoring data was logged and daily summaries were maintained in the field office and posted weekly outside the perimeter fence for public inspection. The accumulated air monitoring log summaries for the 23 days of ground intrusive IRM activities are provided in Appendix G.

11.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Completion of a Qualitative Human Health Exposure Assessment (Qualitative HHEA) following NYSDOH guidance is a requirement of the Brownfield Site Investigation/Remedial Alternatives Assessment process, as set forth in NYSDEC's May 2004 Draft Brownfield Cleanup Program Guide. For the Boone Park Project, the NYSDEC and NYSDOH have requested that the Qualitative HHEA be completed following the IRM, so that the assessment could consider the effectiveness of the IRM at mitigating exposure risks at the site. Summary data generated during historical site investigations, the Brownfield SI, and the IRM are all considered in this assessment. The following subsections identify and assess:

- Contaminant sources within soil and groundwater at the site:
- Contaminant release and transport mechanisms;
- Potential points and routes of exposure; and
- Human receptor populations.

11.1 Contaminant Sources in Soil

The contaminant source in soils at the Boone Park site is arsenic. During the 1999-2000 site investigations overseen by the USEPA, soil analyses for full TCL/TAL parameters were conducted, resulting in the identification of arsenic concentrations exceeding background within surface soils and shallow overburden soils. SI soil sampling focused on determining the horizontal and vertical extent of arsenic contamination. IRM confirmation sampling documented the depth of excavation required to remove soils that exhibited arsenic-contamination exceeding the site

Remedial Action Objective (RAO) of 20 mg/kg for total arsenic established by NYSDEC and NYSDOH.

The IRM data indicated that the RAO was achieved at the vertical limits (excavation bottom) throughout the site. Summary site data (SI, IRM, and historical) indicate that soils with arsenic concentrations exceeding the RAO exist in isolated areas below IRM excavation depths and below a sidewalk and curb that were not removed during the IRM. Backfill materials utilized in the IRM were subject to laboratory analysis confirming that TCL/TAL parameters (including arsenic) were present at concentrations less than clean-up criteria from NYSDEC's TAGM #4046. The average depth of those backfill materials over the site is approximately 16 inches and the minimum depth is approximately 6 inches.

It should be noted that at the depth of IRM excavations, the majority of soils at the site are former fill materials. At the location of the deepest IRM cut (approximately 3.5 feet), a dense, moist clay material was encountered that was assumed to be native soil. The arsenic concentration in that material was 3.3 mg/kg. Therefore, it would appear that the area of potentially arsenic-impacted soil remaining would be limited to the former fill materials between the depth of IRM excavation and the underlying native soils.

11.2 Contaminant Sources in Groundwater

During the SI, four temporary groundwater monitoring wells were installed and sampled for full TCL/TAL parameters. The analytical results indicated one volatile organic parameter (toluene) that was detected in three of the four groundwater samples at concentrations exceeding NYSDEC's Class GA groundwater Standards. No semivolatile organic compounds, pesticides, or PCBs were detected in the groundwater samples. With respect to inorganic parameters, the following were detected in one or more samples at concentrations exceeding Class GA Standards: antimony, arsenic, chromium, cobalt, copper, cyanide, iron, lead, magnesium, manganese, nickel, and selenium. With the exception of iron and manganese, the inorganic parameters detected were present at one order of magnitude or less above the Class GA Standard. The SI Report concluded that the levels of inorganic parameters detected were consistent with expected groundwater quality from temporary monitoring wells, where high turbidity can contribute to matrix interference and can skew inorganics results.

SI water surface elevation measurements performed in April 2004 (a time of year usually associated with high groundwater levels) indicate that the static groundwater level is approximately nine feet below the ground surface.

11.3 Release and Transport Mechanisms

Barring disturbance of the arsenic-contaminated soils that exist at the Boone Park site, the only apparent transport mechanism for those contaminants would be migration to deeper soils or groundwater via infiltrated precipitation. It should be noted that, based on the removal of arsenic-contaminated surface and shallow overburden soils during the IRM, the potential for such downward migration would appear to be significantly reduced compared to pre-IRM conditions. Once disturbed, arsenic-contaminated soils could be released and/or transported directly or through the air.

Groundwater at the site, or in the vicinity of the site, is not used as a drinking water source. Since the area is an established urban area with long-established public drinking water sources, future use of the groundwater from beneath the site would not be anticipated. Therefore, the only feasible potential transport mechanism for groundwater evaluated was for the migration of groundwater to off-site receptors.

11.4 Potential Points and Routes of Exposure

The potential point of exposure to arsenic in soils would be in the case where such soils were disturbed. In that case exposure would be possible via dermal absorption or inhalation of dust.

With respect to groundwater, the possible point or route of exposure evaluated was if groundwater from near the site were withdrawn from the subsurface for use. In that unlikely case, the route of exposure could be ingestion, inhalation of vapors, or dermal absorption.

11.5 Potential Receptor Populations

The public patrons of the park or maintenance workers performing typical landscaping or repair procedures would not contact contaminated soils or groundwater and would not be considered potential receptor populations. Therefore, the only feasible receptors evaluated with respect to soils would be workers involved with installing future park facilities which might extend into the deeper overburden. With respect to groundwater, no on-site receptors were identified; the only possible off-site receptor scenario evaluated was a nearby (downgradient) park neighbor who withdrew or used groundwater from the subsurface which is unlikely.

11.6 Conclusions Regarding Exposure Pathways

The preceding exposure assessment indicates that the only plausible exposure pathways identified are:

- The future on-site construction worker who may contact deeper soils; and
- The park neighbor who may withdraw or use groundwater from the area.

With regard to the construction worker, after completion of the IRM and park re-establishment, there is a very limited probability of a change in the use of the park that might require significant construction. Based on information from the September 2004 Phase 1 Environmental Assessment for the site, there were no substantive changes in the use or configuration of the park since it was established in 1951. There are no current plans for such a change in the use or configuration of the park, nor is there any indication that such plans might be made in the future.

With regard to the potential use of groundwater from the area, the availability of a public drinking water source that has been available for many years makes this exposure pathway unlikely. In addition, the local public is aware that past industrial activity in the area has impacted shallow groundwater.

This exposure assessment indicates that further assessment of remedial alternatives for the site should consider that the potential human exposure pathways identified are

unlikely scenarios and thus unlikely to pose significant risks to the public or to on-site workers. Such remedial alternatives assessment should consider the regional setting of the site, where off-site conditions may pose potential exposure risks exceeding those posed by the Boone Park site.

12 REMEDIAL ALTERNATIVES ASSESSMENT

This section outlines remedial technologies that have been used to address soil and groundwater impacted by inorganic contaminants, and discusses the feasibility of incorporating these technologies at the Boone Park site, with respect to post-IRM site conditions and identified risks to human health or the environment.

12.1 Potential Remedial Actions for Soil

The remedial goal for further actions would be to address arsenic-contaminated materials from beneath backfill soils placed during the IRM. The following remedial technologies have been used at other sites to address vadose zone soils impacted by inorganic contaminants.

- Excavation and Off-Site Disposal
- Capping
- In –Situ Solidification
- Institutional Controls

The following subsections describe the above remedial technologies and assess the feasibility of each in addressing the remaining arsenic-impacted materials at the Boone Park site.

12.1.1 Excavation and Off-Site Disposal

Technology Description

This technology consists of excavating impacted materials, transporting them off-site for disposal or treatment, and replacing the excavated materials with non-impacted imported fills. This technology was successfully implemented for surface soils and shallow overburden soils during the IRM, as documented in preceding sections of this report. Prior to implementing this technology for

deeper overburden soils at the site, a comprehensive program to delineate arsenic-impacted zones within the deeper sub-surface would need to be conducted. Such delineation could be implemented using a Geo-probe subsurface (direct-push) sampling system.

Based on SI, IRM, and historical data, discrete areas within the deeper overburden soils at the site might be expected to exhibit arsenic concentrations exceeding the 20 mg/kg RAO. After delineating these areas, non-impacted surface and shallow overburden materials, as well as surface structures (e.g., sidewalks, ballfield equipment) would need to be removed and replaced following removal of impacted materials. A confirmation sampling program would be incorporated to confirm that RAO's were achieved and the affected park areas would need to be renovated.

Feasibility Assessment

This technology was utilized for the IRM based on the accumulated data, and on the known cost-effectiveness of the technology for surface and shallow overburden soils. IRM soil confirmation data confirmed that the RAOs were achieved at the vertical limits of the IRM excavations (excavation bottom) and that (deeper) subsurface conditions at the site are heterogeneous with respect to the presence of arsenic impacts. The further application of this technology to deeper overburden soils could successfully address the relatively small quantities of arsenic-impacted materials present at those depths, but at a unit cost far exceeding that of the IRM. Based on the prohibitively high cost of mitigating exposure pathways identified as unlikely, this technology is not feasible for addressing the deeper soils at the site.

12.1.2 Capping

Technology Description

This technology is an engineering control by which a physical barrier is placed between impacted materials and potential receptors to mitigate the potential exposure pathways to those receptors. Such barriers are typically either low permeability soils (i.e., clays) or low permeability membranes (i.e., geosynthetics). Generally the barrier materials are covered by fill/topsoil

materials, which are vegetated. Since the capping materials are low-permeability, a drainage system would have to be incorporated above the cap if the site were to be continued to be used as a park. Trees are generally avoided in capped areas as the roots can damage the cap. Site controls and monitoring programs would likely be instituted to maintain and verify the barrier's integrity.

Feasibility Assessment

The clean fill and topsoil layers placed on the site at the conclusion of the IRM fulfill many of the purposes of a cap. Although not constructed of low-permeability materials, the layer does mitigate direct contact of the deeper soils (potentially impacted) with potential receptors. Furthermore, these materials promote drainage so that an engineered drainage system is not necessary. The additional protection that could be provided by installing a low-permeability cap is not warranted at this site in light of the depth to the potentially impacted materials, the arsenic concentrations of those materials, the high cost of installing and maintaining a cap, and the incompatibility of the cap with use of the site as a park. Therefore, this technology is determined to not be feasible at the site.

12.1.3 In-Situ Solidification

Technology Description

This technology consists of delineating and accessing subsurface areas where impacted materials are located and mixing the impacted materials with Portland Cement, or another demonstrably effective solidification or stabilization agent. The treated soils are left in place and the site is then renovated. In-situ solidification is an applicable technology in situations involving grossly contaminated material, when it can be shown via pilot testing that the technology significantly reduces the mobility or toxicity of the contaminants. In such situations, solidification can be used with capping and/or institutional controls, to render contaminants inert and to mitigate exposure pathways.

Feasibility Assessment

Based on the range of arsenic concentrations of impacted materials at this site, and on TCLP results for the arsenic-impacted materials (see final paragraph of

Section 2.2 and Appendix B), the materials have not exhibited significant toxicity or mobility. Therefore, the existing fill/topsoil cover would appear to provide adequate protection and the added expense of incorporating in-situ solidification does not appear to be warranted or consistent with the anticipated use of the site as a public park. Therefore, this technology is determined to not be feasible at the site.

12.1.4 Institutional Controls

Technology Description

An institutional control is a non-physical restriction on the use of real property that is used in situations where residual contamination makes the property suitable for some, but not all potential uses of the property. The purpose of an institutional control, such as an environmental easement, may be to limit human or environmental exposure, restrict use, or provide notice of such restriction.

Feasibility Assessment

The analyses provided in the SI, the Qualitative HHEA and in this RAA indicate that the present condition of the Boone Park site is compatible with the intended use of the site as a public park. Since completion of the IRM has re-established the park, there is a very limited probability of a change in the use of the park that might require significant construction. At this time we are aware of no plans for such a change and have no reason to believe such plans might be likely in the future. The City of Buffalo, the park owner, is undoubtedly familiar with the use of environmental easements, and would be able to execute such a measure if an altered use of the park was contemplated or if the City was to sell or turn over the park property. Therefore, incorporation of institutional controls to limit the scope of such a change does not appear warranted.

12.2 Potential Remedial Actions for Groundwater

The remedial goal with respect to groundwater would be to mitigate human or environmental exposure to contaminants in the groundwater. The Qualitative HHEA evaluated use of the groundwater by a park neighbor as the potential human exposure

pathway, and concluded that, given the availability of public drinking water and the well-established information regarding shallow groundwater quality in the area, such use is unlikely. Technologies available for mitigating exposure to contaminated groundwater are:

- Engineering controls;
- In-situ or Ex-situ Treatment; and
- Institutional Controls.

The following subsections describe the above technologies and assess the feasibility of each in addressing groundwater at the Boone Park site.

12.2.1 Engineering Controls

Technology Description

Engineering controls to mitigate groundwater impacts include physical barriers to contain groundwater, such as slurry walls or sheet piling barriers. Such physical barriers are appropriate in situations where a distinct area of impacted groundwater (a groundwater plume) is present. Other types of engineering controls include access controls, provision of alternative water supplies via connection to public water supply, adding treatment technologies to existing public water supplies, or installing filtration devices on private water supplies.

Feasibility Assessment

Barrier type engineering controls would not be applicable to this site as no distinct plume or area of particularly elevated contaminant levels ("hot spot") have been identified. With respect to the other types of controls, the apparently encompassing availability and use of public water in the vicinity of the site renders these technologies unnecessary.

12.2.2 In-situ or Ex-situ Treatment

Technology Description

This technology could consist of one of a large variety of treatment systems that are capable of treating groundwater either in place (e.g., reaction walls, air sparge) or after extraction of the groundwater (e.g., air stripping, granular activated carbon adsorption). In general, these technologies are applicable to sites where a distinct area of impacted groundwater (plume) is present. For these technologies to be effective, there must be detailed information regarding groundwater flow and contaminant concentrations throughout the plume. In-situ technologies tend to be capital intensive, but may be less expensive to operate and maintain compared to ex-situ treatment.

Feasibility Assessment

In-situ or ex-situ treatment of groundwater would not be applicable to this site as no distinct plume or area of particularly elevated contaminant levels ("hot spot") has been identified. The concentrations and areal distribution of organic and inorganic groundwater parameters detected during the SI indicate that groundwater quality at the site is likely similar to regional groundwater quality.

12.2.3 Institutional Controls

Technology Description

An institutional control is a non-physical restriction on the use of real property that is used in situations where residual contamination makes the property suitable for some, but not all potential uses of the property. The purpose of an institutional control, such as an environmental easement, may be to limit human or environmental exposure, restrict use, or provide notice of such restriction.

Feasibility Assessment

If there were any indication that groundwater was being extracted or used by people in the vicinity of the site, institution of controls restricting such use may be appropriate. Since no such use has been noted, and universal use of the public

water supply is assumed, it would seem unnecessary to implement such a control. If required, such a control would probably be more appropriately targeted on the regional level, rather than on a specific area such as Boone Park.

12.3 The "No Action" Alternative

Guidance for assessing remedial alternatives requires that the "No Action" alternative be included in the assessment. Under this alternative, the consequences of doing nothing to address identified or potential risks posed by the presence of contamination at a site are assessed. This alternative may be the appropriate one if the risks present are not of sufficient significance, or if the effectiveness of other potential remedies can not be established. For the Boone Park site, this alternative assumes that following completion of the IRM and re-establishment of the public's use of the park, no further actions would be undertaken by the City of Buffalo with respect to mitigating potential risks posed by contaminants that remain at the site.

12.4 Conclusions

The preceding discussions regarding potential exposure scenarios associated with arsenic in site soils and organic and inorganic parameters in site groundwater indicate that the identified risks posed by those constituents are not of sufficient significance to require implementation of any of the available remedial technologies identified. We conclude that, based on the effectiveness of the IRM, risks associated with the site have been reduced to the extent that no further remedial actions are required. In the unlikely event that the City of Buffalo should, in the future, change the use of the site or turn the site over to another entity for another use, the appropriateness of implementing institutional controls, such as an environmental easement, should be considered at that time. Furthermore, if information to the effect that groundwater from the area is being extracted and used should become known, an environmental easement should be contemplated to restrict such extraction and use.

M:\Private\Barba\Boone Park\IRM Report\REPORT.doc

TABLES

Table1
Boone Park Brownfields Project
IRM Construction Certification Report
Area and Volume Design Estimates and Soil Confirmation Sample Total Arsenic Results

Area	App. Area (sq.ft.)	Cut Depth(ft)	App. Volume(cuyd)	Sample ID(date-05)	Result (mg/kg)	Add. Cut	Add. Vol.	Sample ID(date-05)	Result (mg/kg)	Notes
1	5,500	1.33	271	SC-1(4-7)	7.4					170cy - add b'ball cut
2	4453	1	165	SC-2 (4-11)	9.8					
3	4688	1.5	260	SC-3 (4-12)	11.4					
4	4688	1.5	260	SC-4 (4-12)	9.9					
5	4922	1.5	273	SC-5 (4-12)	5.6					
6	2813	1	104	SC-6 (4-13)	12.9					
7	1953	0.5	36	SC-7 (4-13)	22.4	1.25	90	SC-7R(5-4)	8.9	
			0	SC-7D (4-15)	20.2					duplicate sample
8	3750	1	139	SC-8 (4-13)	10.8					
9	5000	1	185	SC-9 (4-13)	9.1					
9 (add)	336	0.75	9							foundry sand cut
10	4238	1	157	SC-10 (4-13)	9.9					
11	1406	0.5	26	SC-11 (4-14)	27.6	0.5	26	SC-11R (4-18)	11.2	
12	4238	1	157	SC-12 (4-14)	17.3					
13	4238	1	157	SC-13 (4-14)	8.8					
14	4238	1	157	SC-14 (4-14)	12.8					
15	4297	1	159	SC-15 (4-14)	19					
16	4297	1	159	SC-16 (4-14)	8.7					
17	2735	0.5	51	SC-17 (4-15)	33.5	0.5	51	SC-17R (4-19)	241	
						2.5	253	SC-17R2 CLAY (5-5)	3.3	native silt/clay at depth
								SC-17R2 GRAN (5-5)	104	fill mat'ls beneath curb, road and sidewalk
18	4219	0.5	78	SC-18 (4-15)	25.4	0.5	78	SC-18R (4-20)	9.6	
19	4995	1	185	SC-19 (4-15)	9.3					
20	4922	1.5	273	SC-20 (4-15)	7.1					
21	3750	0.5	69	SC-21 (4-15)	18.2					
22	3438	0.5	64	SC-22 (4-15)	84.2	0.5	64	SC-22R (4-20)	6.3	
22-add	2112	0.75	59			0.75	59	NA	NA	foundry sand cut
23	3125	0.5	58	SC-23 (4-15)	20.8	0.5	58	SC-23R (4-20)	6.1	
24	3125	0.5	58	SC-24 (4-15)	25.9	0.5	58	SC-24R (4-20)	5.9	
24-add	594	0.75	17							foundry sand cut
25	4995	1	185	SC-25 (4-15)	8.2					
26	4995	1	185	SC-26 (4-15)	14.7					
27	2500	0.5	46	SC-27(4-18)	28.2	0.5	46	SC-27R (4-20)	6.4	
28	3438	0.5	64	SC-28 (4-18)	11.3					
29	2188	0.5	41	SC-29 (4-18)	41.7	0.5	41	SC-29R (4-21)	53	
						0.5	41	SC-29R2 (4-26)	3.3	
30	1328	0.5	25	SC-30 (4-18)	35.4	0.5	25	SC-30R (4-21)	6.0	
31	4,844	1	179	SC-31 (4-29)	12.2					add b-ball cut
DECON				DECON (5-5)	3.8					vehicle decontamination pad sample
	119,316		4312				888			

Notes: 1. See Figure 1 for Soil Confirmation Sample Locations
2. Sample results that exceeded the Remedial Goal of 20 mg/kg for total arsenic are shaded

Table 2
Total Arsenic Results for SI Soil Samples
Boone Park Brownfields Project
Interim Remedial Measure Construction Certification Report

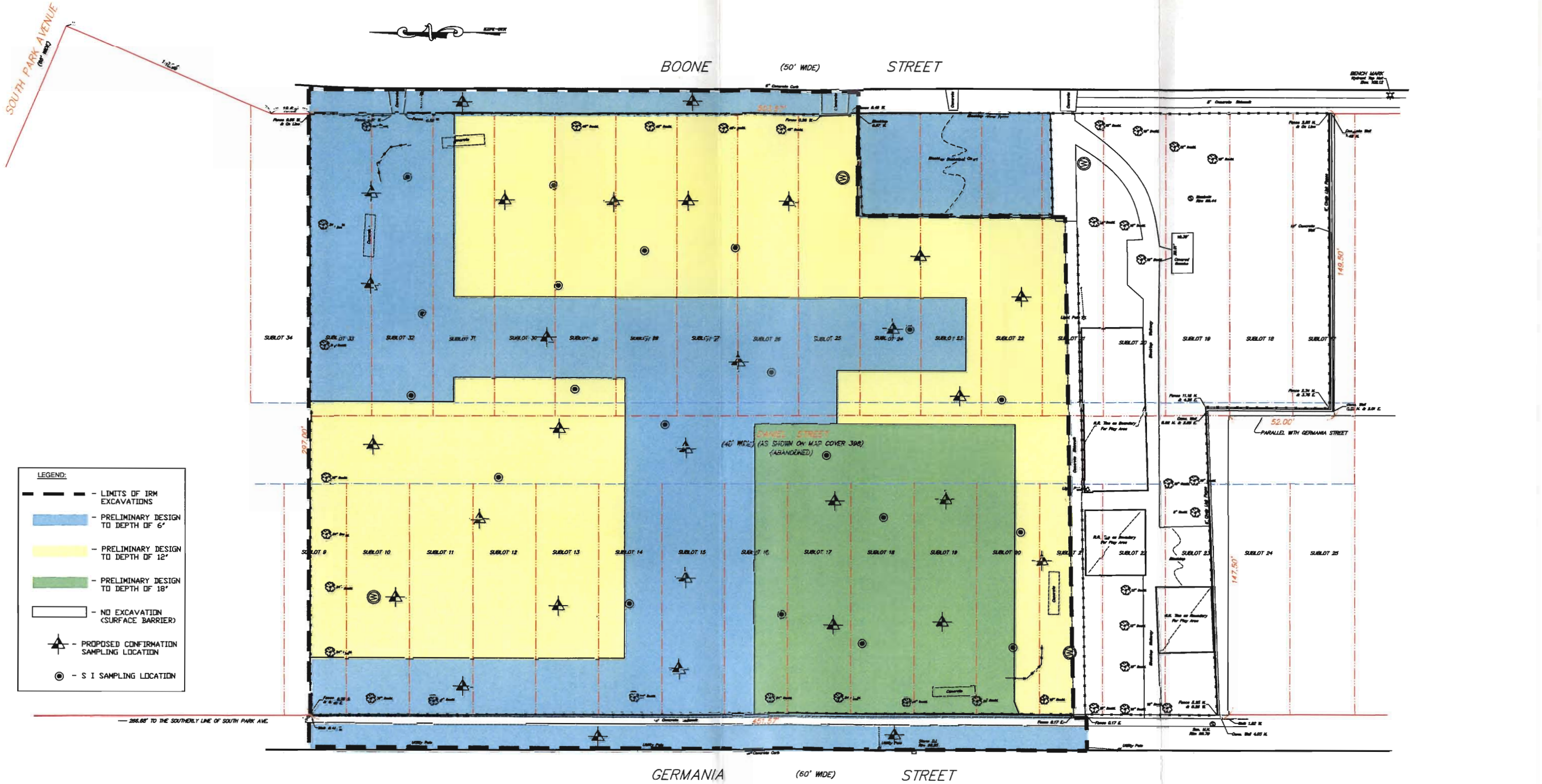
Boring Location	Total Arsenic Concentration (mg/kg or ppm)		
	0" - 6" Depth	6" - 12" Depth	12" - 18" Depth
SB-1	5.7 N*J	10.1 N*J	8.1 N*J
SB-2	5.6 N*J	17.3 N*J	6.6 N*J
SB-3	8.3 N*J	37.1 N*J	14.8 N*J
SB-4	5.5 N*J	11.4 N*J	8.6 N*J
SB-5	10.7 N*J	7.7 N*J	4.5 N*J
SB-6	13 N*J	11.4 N*J	10 N*J
SB-7	67.1 N*J	24.7 N*J	11 N*J
SB-8	28.5 N*J	19.6 N*J	9.6 N*J
SB-9	24.2 N*J	11.2 N*J	6.6 N*J
SB-10	62.9 N*J	57.6 N*J	5.8 N*J
SB-11	8.2 N*J	353 N*J	10.4 N*J
SB-12	41.7 N*J	12.8 N*J	55.5 N*J
SB-13	29.9 N*J	4.4 N*J	82.4 N*J
SB-14	6.9 N*J	8.5 N*J	12.2 N*J
SB-15	61.7 N*J	19.5 N*J	12.8 N*J
SB-16	35.8 N*J	13.9 N*J	5.7 N*J
SB-17	12.5 N*J	10.4 N*J	8.4 N*J
SB-18	33 N*J	10.9 N*J	11.7 N*J
SB-19	35.1 N*J	17.3 N*J	9.4 N*J
SB-20	60.2 N*J	17.5 N*J	11.2 N*J

Notes:
1. The NYSDEC Recommended Soil Clean-Up Objective for arsenic is 7.5 mg/kg or Site Background
2. The Site-Specific Clean-up Objective for arsenic is 20 mg/kg.
3. Concentrations Exceeding the Site Specific Clean-Up Objective are shaded

Data Qualifiers:
N Indicates spike sample recovery is not within the quality control limits.
* Indicates analysis is not within the quality control limits
J Estimated Value

sitewide averages	27.80	33.80	15.20
number of detections > 20	11(55%)	4(20%)	2 (10%)
number of detections > 75	0 (0%)	1 (5%)	1 (5%)

FIGURES



LEGEND:

- LIMITS OF IRM EXCAVATIONS
- PRELIMINARY DESIGN TO DEPTH OF 6'
- PRELIMINARY DESIGN TO DEPTH OF 12'
- PRELIMINARY DESIGN TO DEPTH OF 18'
- NO EXCAVATION (SURFACE BARRIER)
- PROPOSED CONFIRMATION SAMPLING LOCATION
- S I SAMPLING LOCATION

50' 25' 0 50'

SCALE: 1" =50' -0"

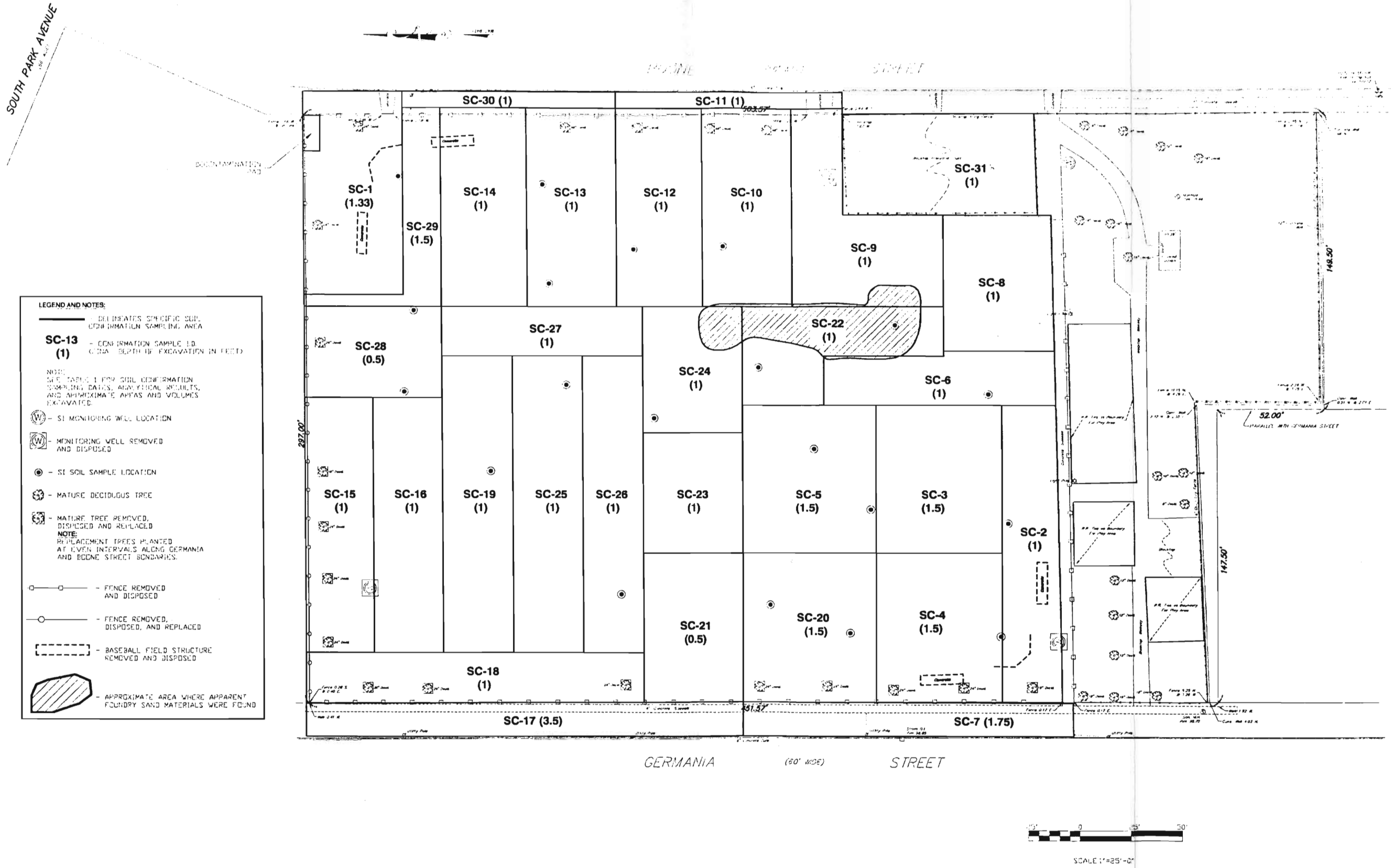
Jun 30, 2005 - 8:49am
F:\Project\201 -\201011001\cadd\201011001\BOONE PARK FIG 7.DWG

BASED ON A SURVEY DRAWING PROVIDED BY MILLARD, MACKAY & DELLES LAND SURVEY, LLP DATED 4-23-04

C&S COMPANIES
ENGINEERS
DESIGN BUILD
TECHNICAL RESOURCES
OPERATIONS

BOONE PARK BROWNFIELDS PROJECT
INTERIM REMEDIAL MEASURES

FIGURE 1
IRM DESIGN EXCAVATION AREAS
AND CONFIRMATION SAMPLING LOCATIONS



LEGEND AND NOTES:

- ——— - DELINEATES SPECIFIC SOIL CONFIRMATION SAMPLING AREA
- SC-13 (1) - CONFIRMATION SAMPLE I.D. (CSDA - DEPTH OF EXCAVATION IN FEET)

NOTE:
SEE TABLE 1 FOR SOIL CONFIRMATION SAMPLING DATES, ANALYTICAL RESULTS, AND APPROXIMATE AREAS AND VOLUMES EXCAVATED.

- (W) - SI MONITORING WELL LOCATION
- (W) - MONITORING WELL REMOVED AND DISPOSED
- ◉ - SI SOIL SAMPLE LOCATION
- ⊛ - MATURE DECIDUOUS TREE
- ⊛ - MATURE TREE REMOVED, DISPOSED AND REPLACED
  NOTE: REPLACEMENT TREES PLANTED AT EVEN INTERVALS ALONG GERMANIA AND BOONE STREET BOUNDARIES.
- ——o——o—— - FENCE REMOVED AND DISPOSED
- ——o—— - FENCE REMOVED, DISPOSED, AND REPLACED
- [ ] - BASEBALL FIELD STRUCTURE REMOVED AND DISPOSED
- ▨ - APPROXIMATE AREA WHERE APPARENT FOUNDRY SAND MATERIALS WERE FOUND

Jun 29, 2005 - 10:43am
F:\Project\20[illegible]\20[illegible]\cadd\20[illegible]\CONSTRUCTION\BOONE PARK FIG 5.DWG

BASED ON A SURVEY DRAWING REVISED BY MILLARD, MACKAY & DEITES LAND SURVEY, LLP DATED 4-23-04

C&S ENGINEERS, INC.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone 315-455-2000
Fax 315-455-9667
www.cscos.com

BOONE PARK BROWNFIELDS PROJECT
INTERIM REMEDIAL MEASURES

FIGURE 2
IRM SOIL CONFIRMATION SAMPLE AREAS AND EXCAVATION DEPTHS

APPENDIX A

LICENSED LAND SURVEYOR'S VOLUME CALCULATIONS

SUBMITTAL

Submittal No. 30

CONTRACTOR: N.W.E.C.& C. Inc. Job #: C-0002 Site #: B00196-9

ADDRESS: 3553 Crittenden Road PROJECT: Boone Park Remediation

Crittenden, NY 14038 DATE: _____

PHONE/FAX: (716) 937-6527 / (716) 937-9360

TYPE OF SUBMITTAL: DATE OF SUBMITTAL: 06/08/2005

(Check One)

_____ Product Data RESUBMITTAL: _____

_____ Shop Drawing

__X__ Other Calculation of Soil Volume Removed

PRODUCT IDENTIFICATION:

Spec. Section No. _____

Part/Paragraph _____

Contract Dwg. No. _____

Detail Ref. _____

Product Name _____

Manufacturer _____

CONTRACTOR APPROVAL:

BY: _____ Date: 6 / 08 / 2005

COMMENTS:

_____

_____

_____

_____

SHOP DRAWING:

_____ No Exceptions Taken

_____ Revise & Resubmit

_____ Rejected

BY: _____ Date: ___/___/___

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SYRACUSE
(315) 635-9810

June 06, 2005

Mr. Rory Woodmansee, P.E.
C&S Engineers Inc..

Re: City Of Buffalo
Boone Park Interim Remedial Measure
Job No. C-0002, Site No. B00196-9

Calculation Of Waste Soils Volume - Item No. 4

Dear Rory:

This letter is to provide documentation of calculation of total volume of Non-hazardous waste soils removed during work performed under the above referenced Job Contract. Total Volume for this Item was calculated as follows:

5146.6 Cubic Yards =		Surveyed Volume <u>excluding:</u> (new) basketball court area; 6" crown in strip between curb & sidewalk along Germania St.; Tree stump volume. as per attached stamped Report by Michael Matesic, Licensed Land Surveyor.
+	270.0 Cubic Yards =	Agreed/measured volume of new basketball court area which could not be surveyed, since it was immediately backfilled with stone to form a loading pad/decon pad to perform the work.
+	44.0 Cubic Yards =	Calculated (calculations shown below) Volume of 6" crown between curb & sidewalk along Germania St.
+	38.0 Cubic Yards =	Estimated volume of tree stumps removed (19 trees at 2 yds each), not included in survey volume.
=	5498.6 Total Cubic Yards Removed	

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SYRACUSE
(315) 635-98

June 06, 2005

Mr. Rory Woodmansee, P.E.
C&S Engineers Inc..

Calculated Volume of 6" crown between curb & sidewalk along Germania St.:

Calculated based on area/volume of a triangle
(the actual arc would have more volume than a triangle, however we have used a triangle for ease of calculation and to be conservative in calculating the volume of this crown)

Length of strip: 380'
Width Of strip: 12.5'
Height of Triangle: 0.5'
Width of Triangle: 6.25'

Area of triangle = ½B X H =
0.5 X 6.25' X .5' = 1.5625 sq. ft.

Doubling of triangle area(to account for both halves of crown) =

1.5625 X 2 = 3.125 sq. ft.

Volume of Crown (Multiplying area of crown by length of strip):

3.125 sq. ft. X 380' l = 1187.5 cu. ft./27 = 43.98 cubic yards

The attached billing is based on the above total quantity for Item #4. The Surveys and volume calculations Stamped originals) have been provided as a submittal.

Please review the above and call should you have any questions or concerns, or require additional information.

Sincerely,

Russel J. Savage, Pres.
NWEC&C Inc.

MICHAEL J. MATESIC, P.L.S.
74 MAGNOLIA STREET
LACKAWANNA, N.Y. 14218
PHONE/FAX (716) 822-0480

TOTAL CUBIC YARDAGE OF SOIL REMOVED FROM BOONE PARK SITE:

PAGE 1) 205.351

PAGE 2) 54.520

PAGE 3) 2408.316

PAGE 4) 2478.428

ALLOWANCE FOR TREE REMOVAL---------- 38.0

ALLOWANCE FOR BASKETBALL COURT---------- 270.0

TOTAL----------5454.6 CUBIC YARDS

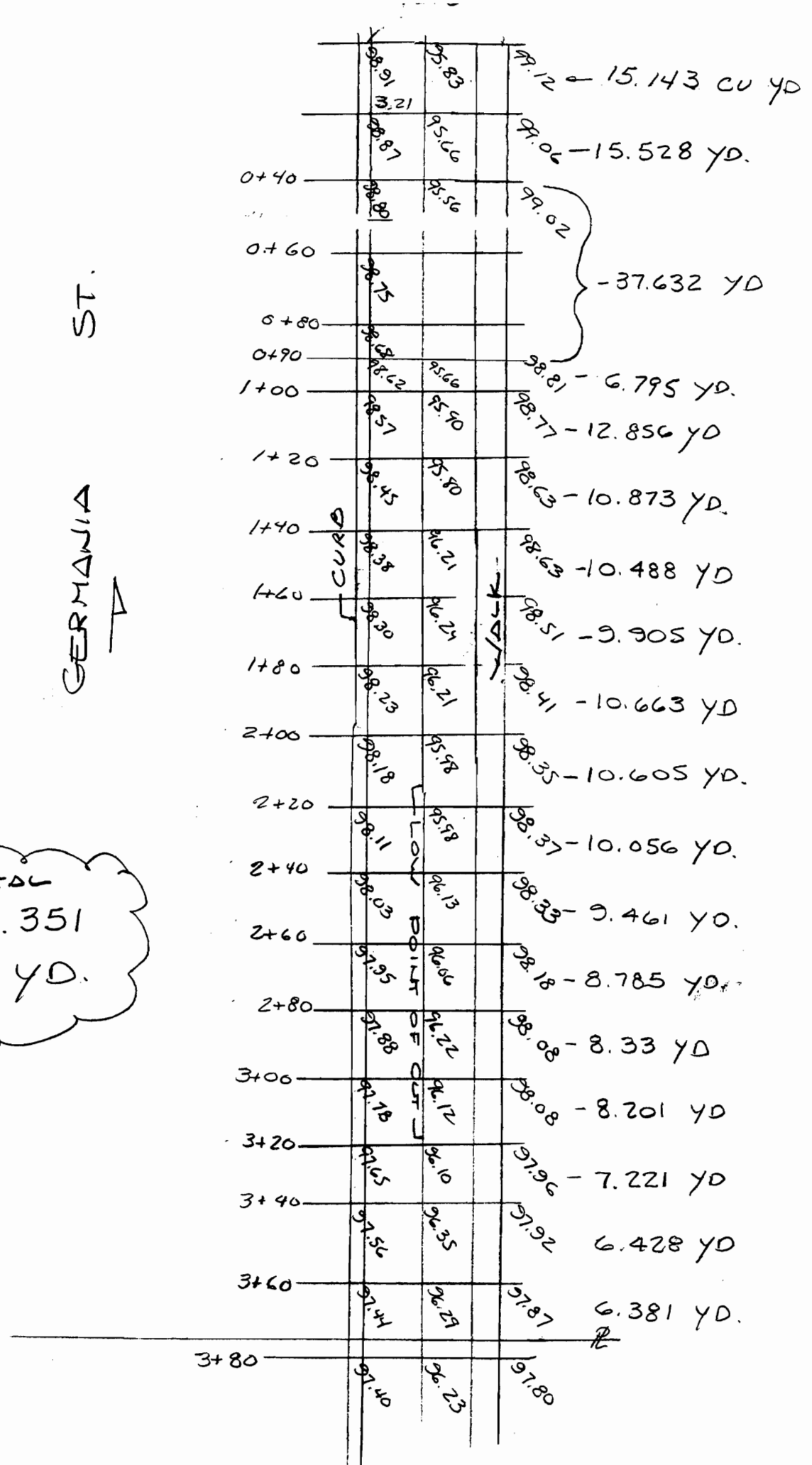
DATE: 5/10/05

MICHAEL J. MATESIC

Michael J. Matesic

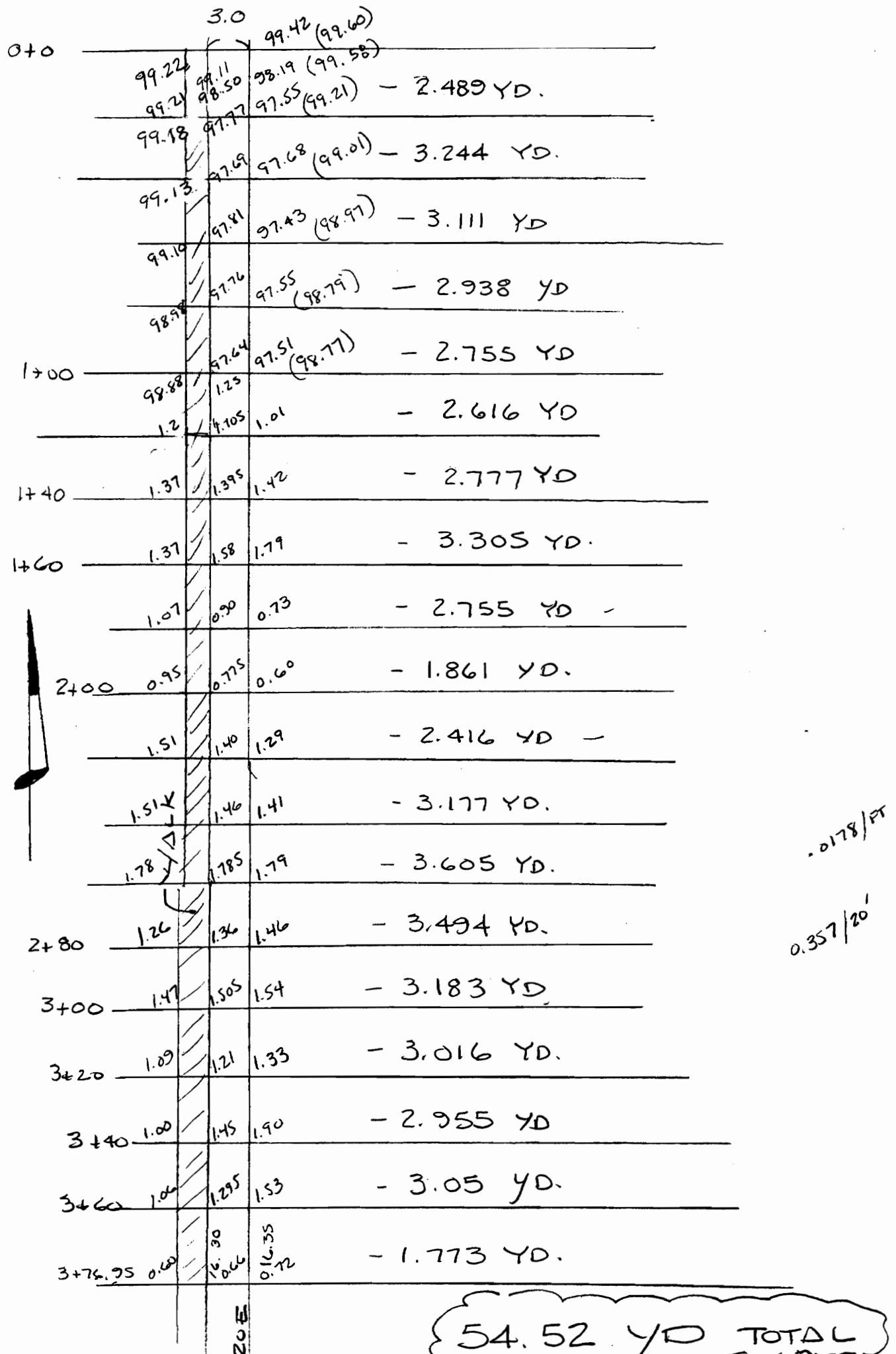
LAND SURVEYOR
LICENSE NO. 49657-1

①



TOTAL
205.351
CU. YD.

(2)


3.0
99.42 (99.60)
0+0
99.22
99.11
98.50
98.19 (99.58)
99.21
97.55 (99.21) – 2.489 YD.
99.18
97.77
97.69
97.68 (99.01) – 3.244 YD.
99.13
97.81
97.43 (98.97) – 3.111 YD
99.10
97.76
97.55 (98.79) – 2.938 YD
98.98
97.64
97.51 (98.77) – 2.755 YD
1+00
98.88
1.23
1.2
1.105
1.01 – 2.616 YD
1.37
1.395
1.42 – 2.777 YD
1+40
1.37
1.58
1.79 – 3.305 YD.
1+60
1.07
0.90
0.73 – 2.755 YD
0.95
0.775
0.60 – 1.861 YD.
2+00
1.51
1.40
1.29 – 2.416 YD
1.51
1.46
1.41 – 3.177 YD.
1.78
1.785
1.79 – 3.605 YD.
1.26
1.36
1.46 – 3.494 YD.
2+80
1.47
1.505
1.54 – 3.183 YD
3+00
1.09
1.21
1.33 – 3.016 YD.
3+20
1.00
1.45
1.90 – 2.955 YD
3+40
1.06
1.295
1.53 – 3.05 YD.
3+60
0.60
1.30
1.35
1.66
0.72 – 1.773 YD.
3+75.95
GERMANIA ST.
.0178/FT
0.357/20'
54.52 YD TOTAL

0+05 — 0.73 — 8.15' — 0.41

0.57

TOTAL = 235.492 YD

3.058

0+20 S — 0.90 — 0.52' — 0.14'

7.'

TOTAL = 252.764 yd.

1.537

0+40 S — 0.09 — 0.08' — 0.07

TOTAL = 261.08 YD.

3.197

0+60 S — 1.58 — 1.175 — 0.77

TOTAL = 260.474 YD.

5.937

0+80 S — 1.38 — 1.155 — 0.93

TOTAL = 243.537 YD

5.72

1+00 S — 1.11 — 1.09 — 1.07

ST.

6.88'

TOTAL 235.816 YD

5.49

1+20 S — 1.03 — 1.065 — 1.10

BOONE

1+40 S.

11.645

CURB

TOTAL 447.596

1+60 S — 1.24 — 1.22 — 1.20

6.88'

TOTAL 232.686 YD

6.064

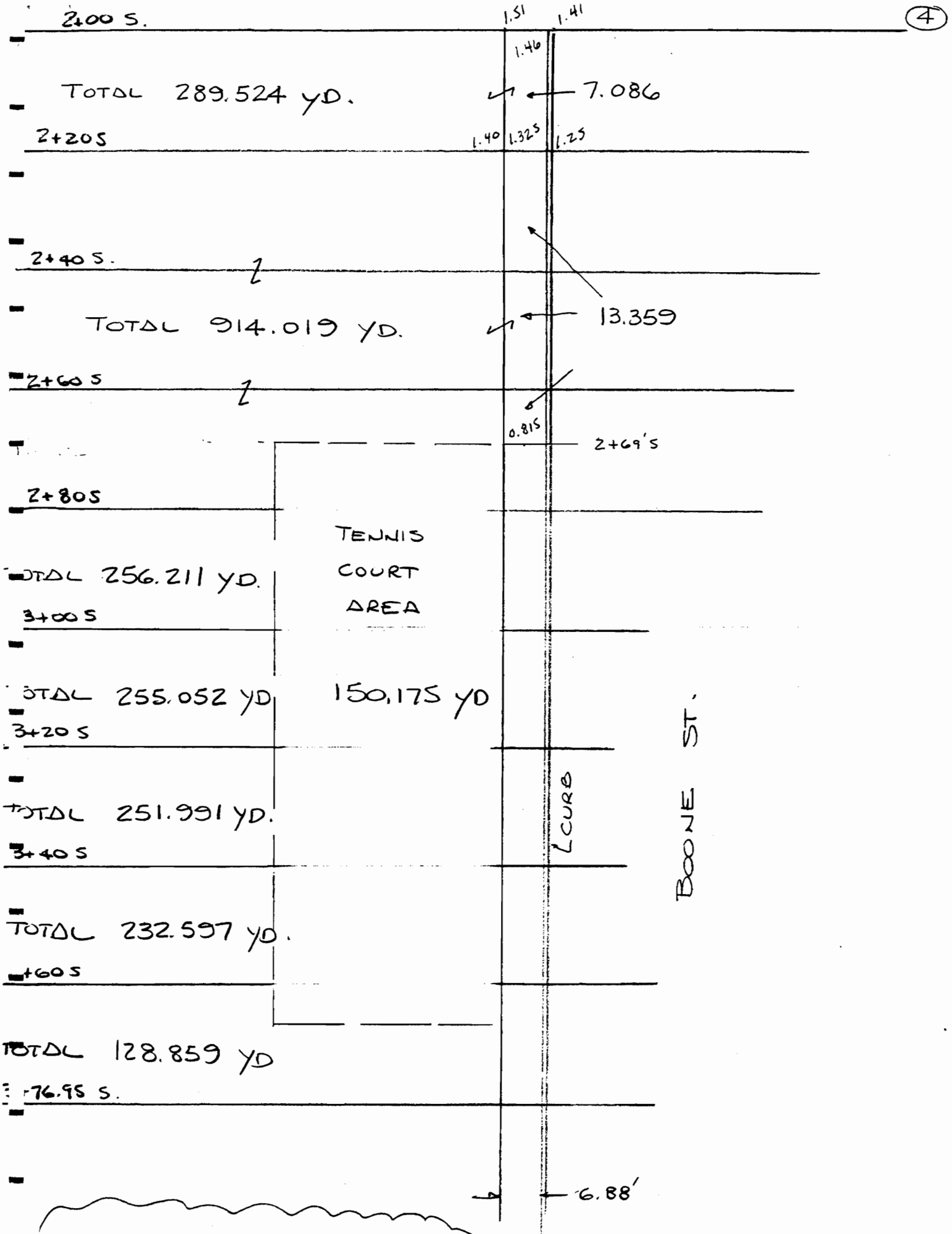
1+80 S. — 1.20 — 1.16 — 1.12

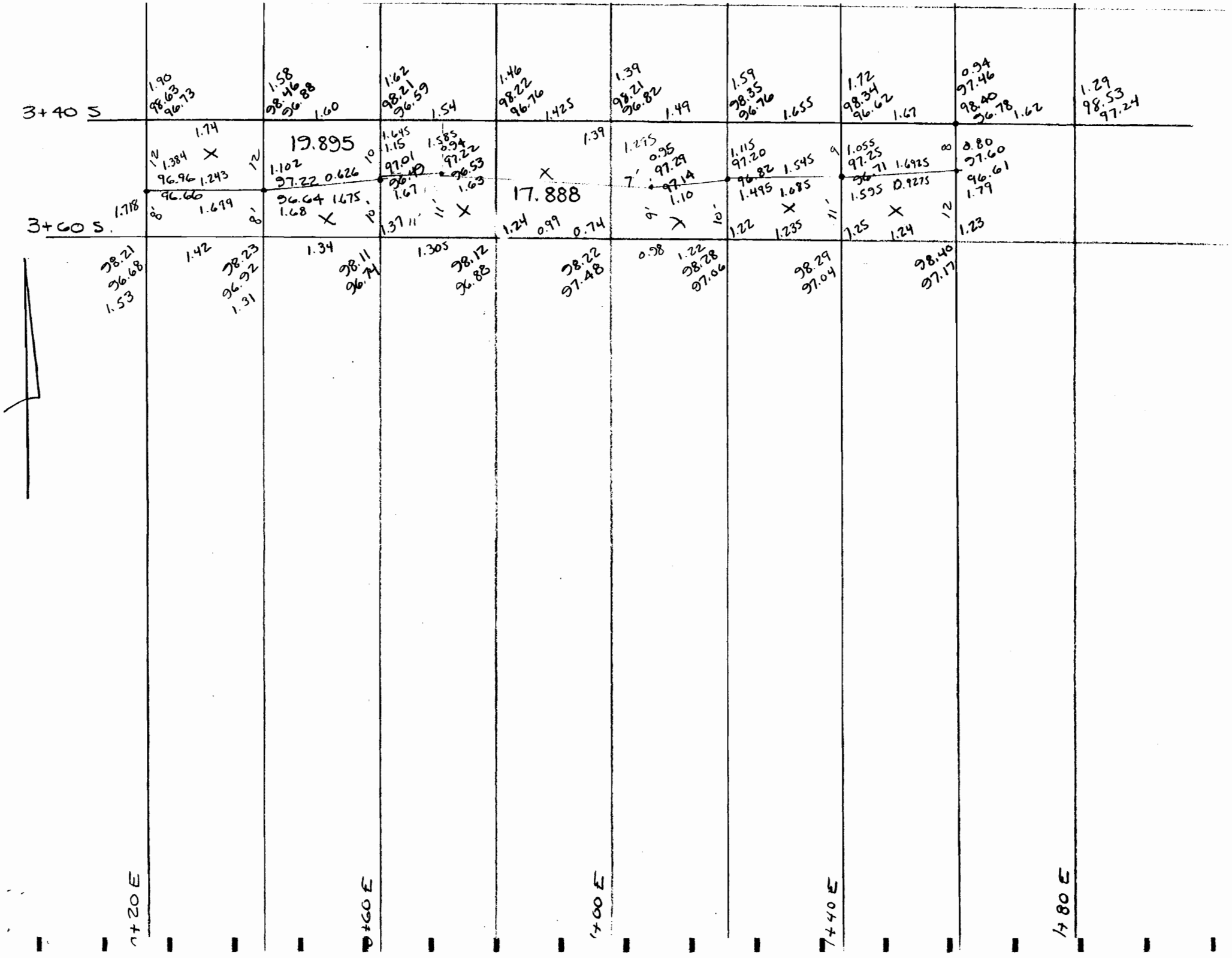
3+20 E

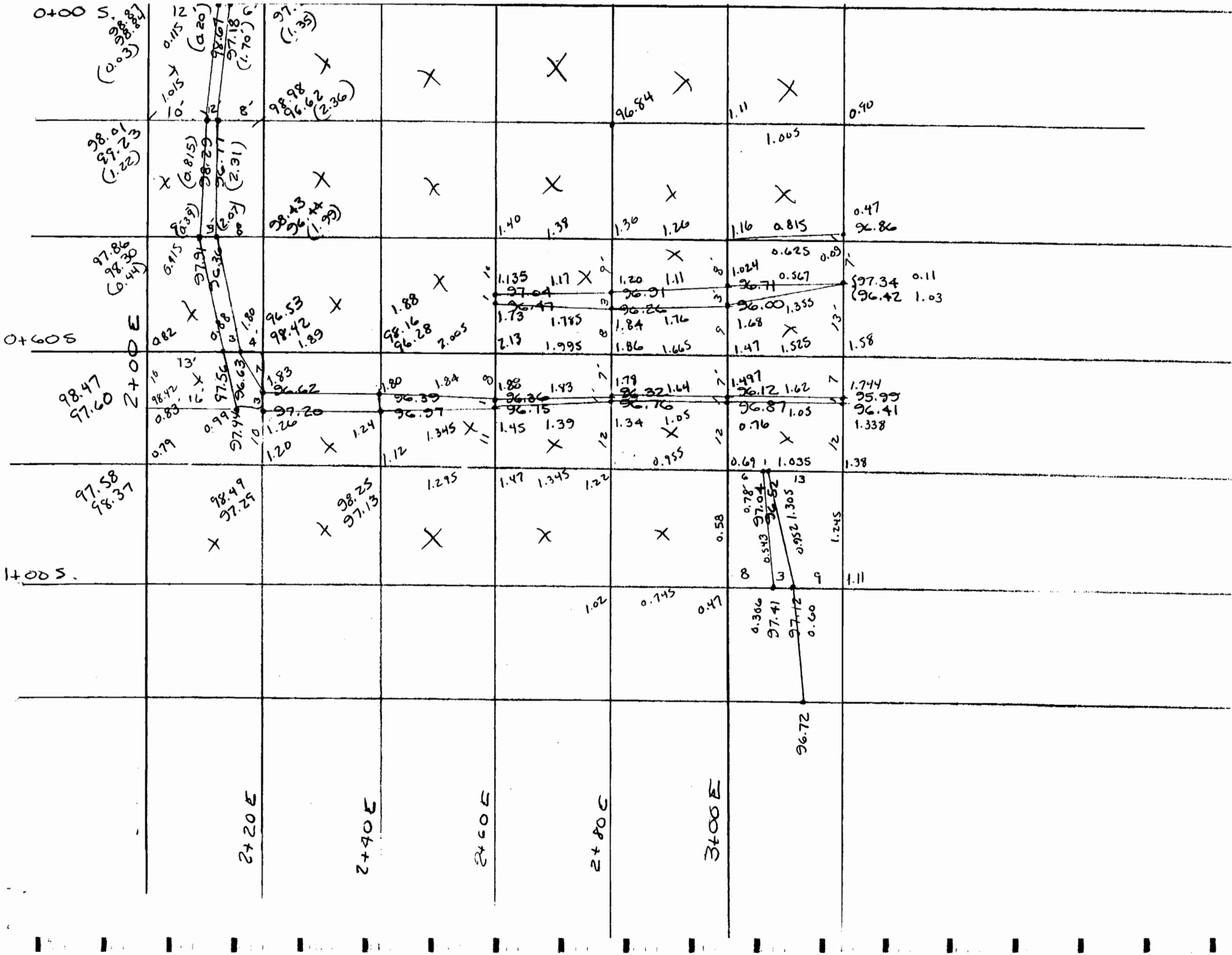
TOTAL 238.871 YD

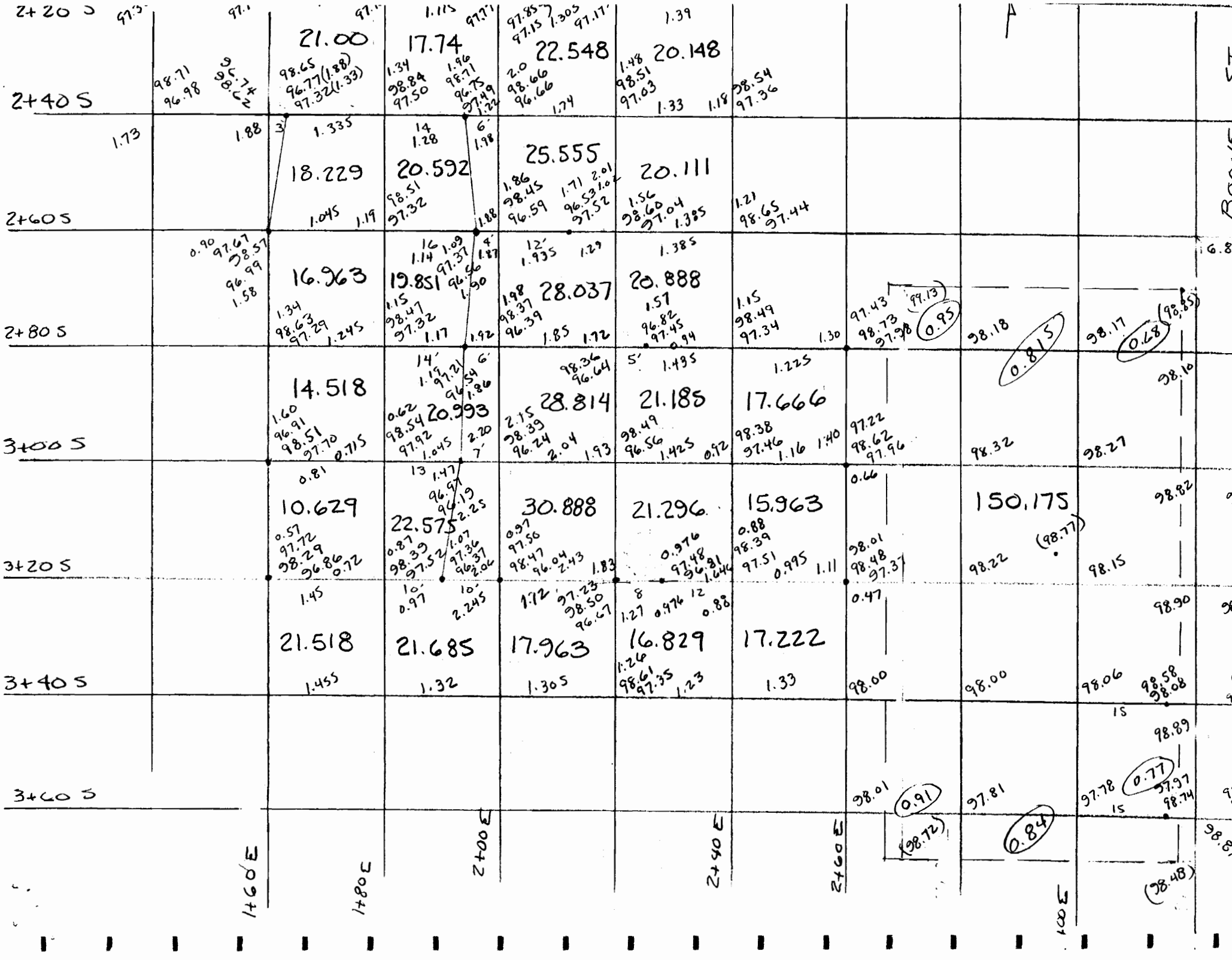
6.676

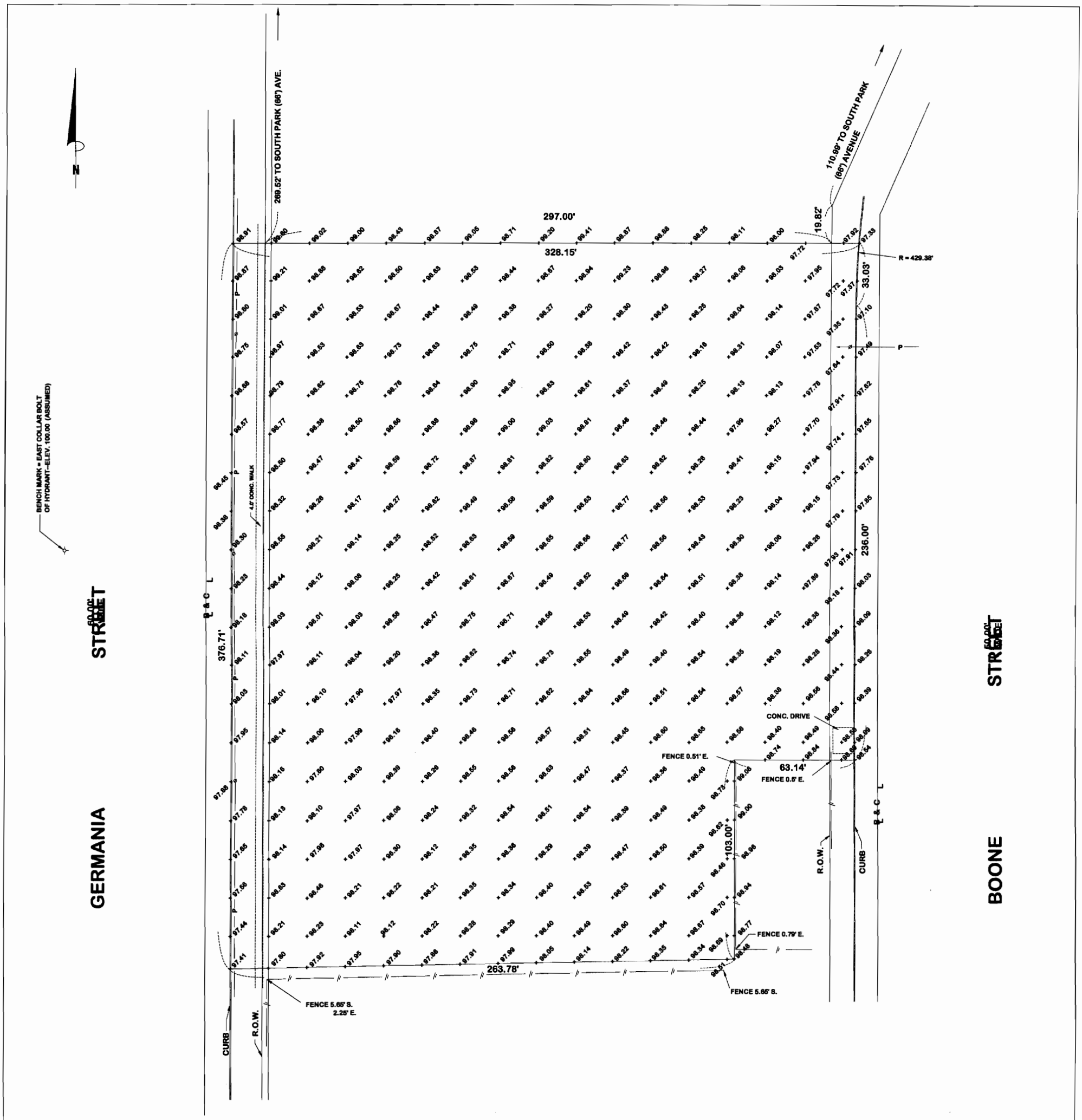
2+00 S — 1.51 — 1.46 — 1.41


2+00 S.
1.51
1.41
1.46
TOTAL 289.524 yD.
7.086
2+20S
1.40
1.325
1.25
2+40 S.
TOTAL 914.019 yD.
13.359
2+60 S
0.815
2+69's
2+80S
TENNIS
COURT
AREA
TOTAL 256.211 yD.
3+00 S
TOTAL 255.052 yD
150.175 yD
3+20 S
TOTAL 251.991 yD.
3+40 S
CURB
BOONE ST.
TOTAL 232.597 yD.
+60 S
TOTAL 128.859 yD
76.95 S.
6.88'
TOTAL THIS PAGE: 2478.428 yD


3+40 S
3+60 S.
19.895
17.888
7+20 E
7+60 E
7+00 E
7+40 E
7+80 E


0+00 S.
1+00 S.
0+60 S.
2+00 E
2+20 E
2+40 E
2+60 E
2+80 E
3+00 E


2+20 S
2+40 S
2+60 S
2+80 S
3+00 S
3+20 S
3+40 S
3+60 S
1460 E
1480 E
2000 E
2400 E
2420 E
2440 E
2460 E
2480 E
21.00
17.74
22.548
20.148
18.229
20.592
25.555
20.111
16.963
19.851
28.037
20.888
14.518
20.993
28.814
21.185
17.666
10.629
22.575
30.888
21.296
15.963
150.175
21.518
21.685
17.963
16.829
17.222



THIS MAP VOID UNLESS STAMPED WITH NEW YORK STATE LICENSED LAND SURVEYOR'S SEAL NO. 49657

ALTERING ANY ITEM ON THIS MAP IS IN VIOLATION OF THE LAW, EXCEPTING AS PROVIDED IN SECTION 7209; PART 2 OF THE NEW YORK STATE EDUCATION LAW.

TOPOGRAPHIC SURVEY OF **PART OF THE BOONE PARK SITE**

PART OF LOT 54, TOWNSHIP 10, RANGE 8

LOCATION CITY OF BUFFALO, ERIE COUNTY, N.Y.

MICHAEL J. MATESIC
LICENSED LAND SURVEYOR
N.Y.S.P.L.S. 49657
74 MAGNOLIA STREET
LACKAWANNA, N.Y. 14218
PHONE/FAX (716) 822-0480

JOB NO. 05-2400

DATE 4/2/2005 SCALE 1" = 30'

REVISIONS

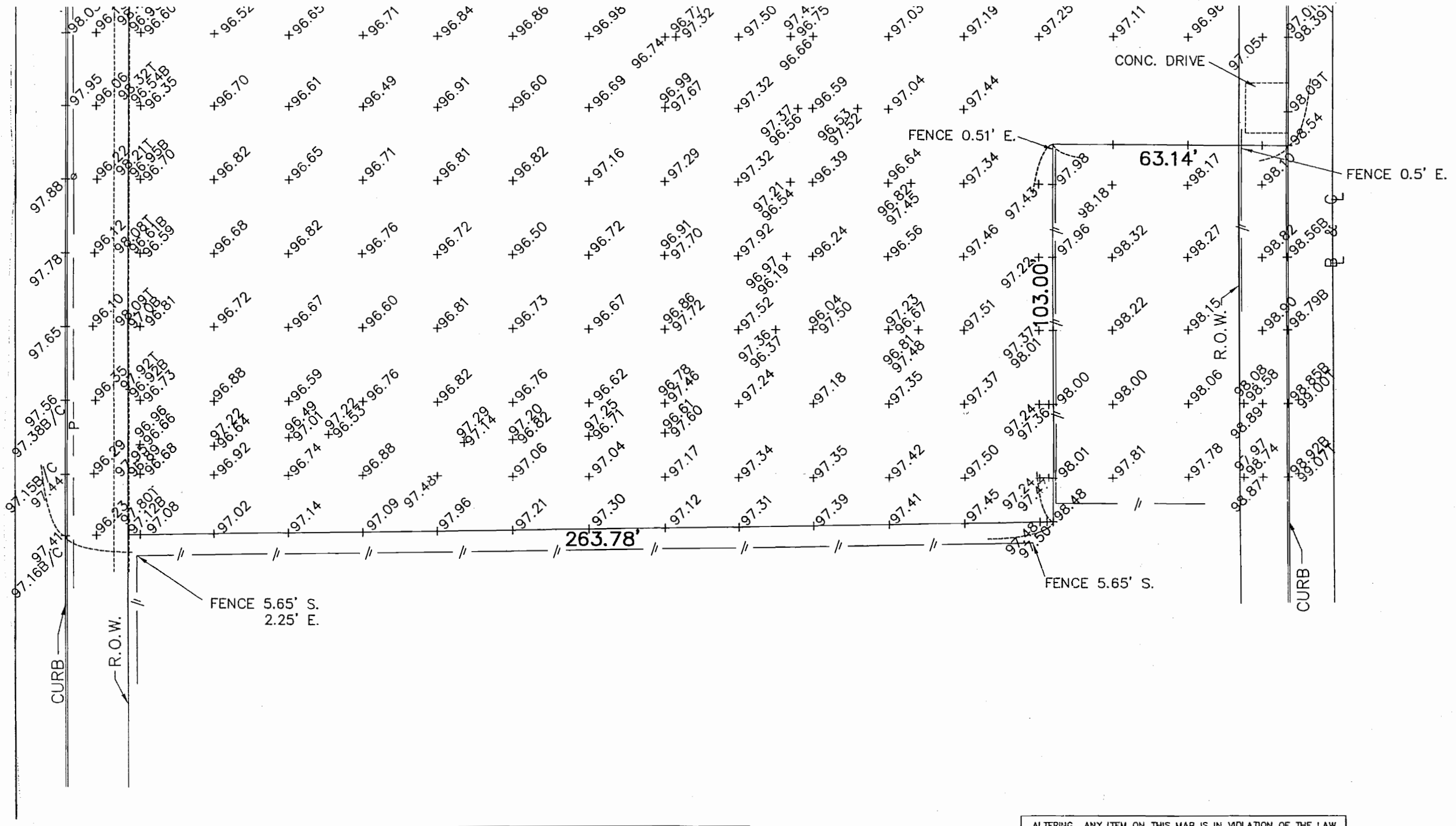
ø—P— UTILITY POLE & OVERHEAD WIRES

—//— FENCE

FEET	INCHES	FEET	INCHES
0.00 - 1	INCH	0.58 - 7	INCHES
0.17 - 2	"	0.67 - 8	"
0.25 - 3	"	0.75 - 9	"
0.33 - 4	"	0.83 - 10	"
0.42 - 5	"	0.92 - 11	"
0.50 - 6	"	1.00 - 12	"

GERMANIA

BOONE



ø—P— UTILITY POLE & OVERHEAD WIRES

—//— FENCE

THIS MAP VOID UNLESS STAMPED WITH NEW YORK STATE LICENSED LAND SURVEYOR'S SEAL NO. 49657

ALTERING ANY ITEM ON THIS MAP IS IN VIOLATION OF THE LAW, EXCEPTING AS PROVIDED IN SECTION 7209; PART 2 OF THE NEW YORK STATE EDUCATION LAW.

POST EXCAVATION GRADES FOR **PART OF THE BOONE PARK SITE**

PART OF LOT 54, TOWNSHIP 10, RANGE 8

LOCATION CITY OF BUFFALO, ERIE COUNTY, N.Y.

MICHAEL J. MATESIC
LICENSED LAND SURVEYOR
N.Y.S.P.L.S. 49657
156 MEADOWBROOK DRIVE
LACKAWANNA, N.Y. 14218
PHONE/FAX (716) 822-0480

JOB NO. 05-2400A

DATE APRIL, 2005 SCALE 1" = 30'

REVISIONS

STATE OF NEW YORK
MICHAEL J. MATESIC
No. 049657-1
LICENSED LAND SURVEYOR

GERMANIA STREET

(60.00' WIDE)

376.71'

4.0' CONC. WALK

FENCE 0.5' E.

103.00'

63.14'

CONC. DRIVE

R.O.W.

236.00'

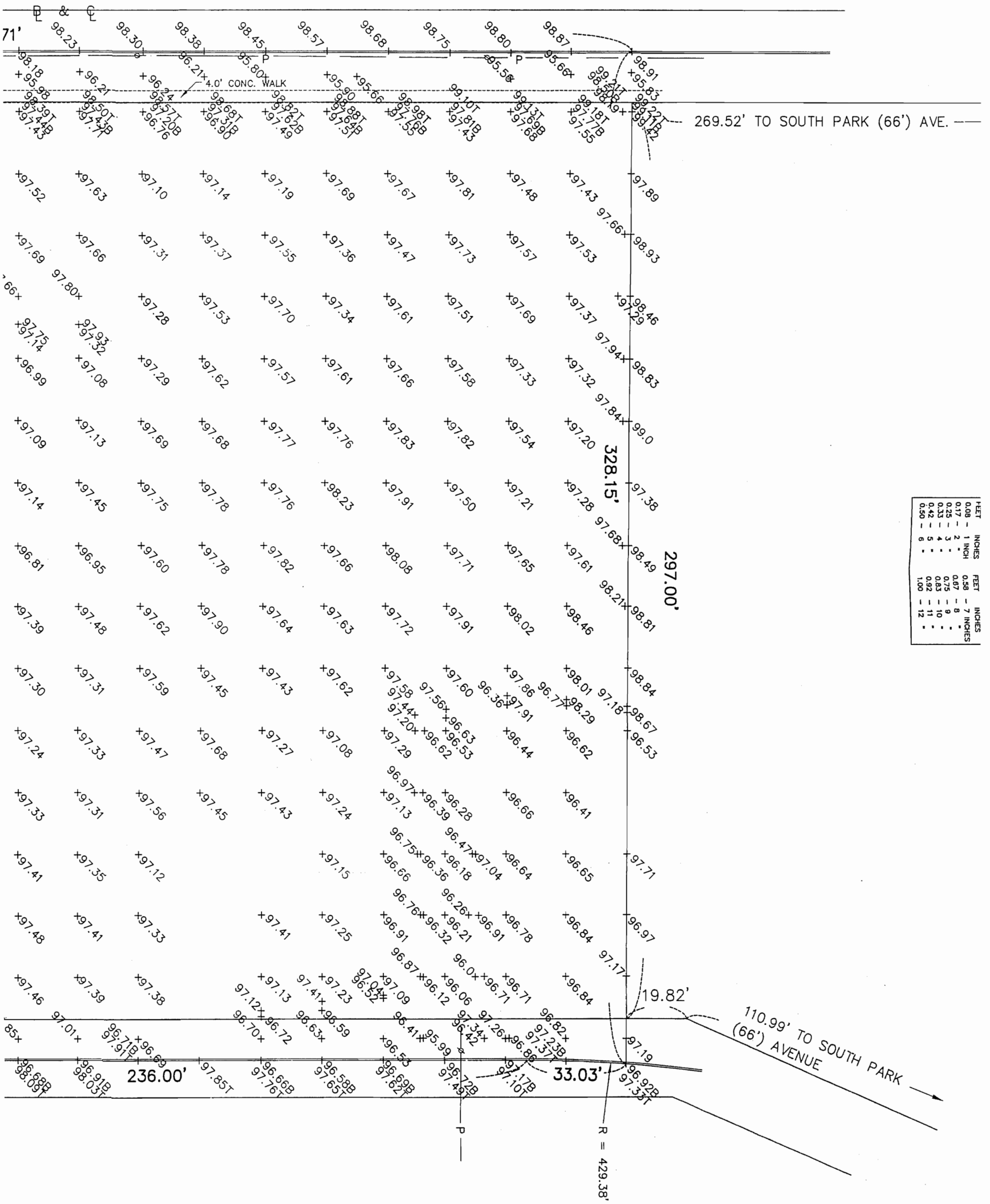
FENCE 0.5' E.

BOONE STREET

(50.00' WIDE)

(60.00' WIDE)

STREET



(60.00' WIDE)

STREET

APPENDIX B

WASTE CHARACTERIZATION SAMPLE RESULTS

LANDFILL APPROVAL

SUBMITTAL

Submittal No. 7

CONTRACTOR: N.W.E.C.& C. Inc. Job #: C-0002 Site #:B00196-9

ADDRESS: 3553 Crittenden Road PROJECT: Boone Park Remediation

Crittenden, NY 14038 DATE: _____

PHONE/FAX: (716)937-6527 / (716) 937-9360

TYPE OF SUBMITTAL: DATE OF SUBMITTAL: _____

(Check One)

_____ Product Data RESUBMITTAL: _____

_____ Shop Drawing

__X__ Other Disposal Sample Analytical Results-Environmental Science Corp.

PRODUCT IDENTIFICATION:

Spec. Section No. _____

Part/Paragraph _____

Contract Dwg. No. _____

Detail Ref. _____

Product Name _____

Manufacturer _____

CONTRACTOR APPROVAL:

BY: _____ Date: 3 / 10 / 2005

COMMENTS:

_____

_____

_____

_____

SHOP DRAWING:

__X__ No Exceptions Taken

_____ Revise & Resubmit

_____ Rejected

BY: Roy Woodson Date: 04/07/05

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SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-01

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 1

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	8.2		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.66	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	100		% Rec.		8260B	04/01/05	1
Toluene-d8	100		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-01

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 1

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	96.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	94.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	81.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	76.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/01/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/01/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/01/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/01/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/01/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/01/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/01/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/01/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Surrogate Recovery							
Nitrobenzene-d5	55.		% Rec.		8270C	04/01/05	1
2-Fluorobiphenyl	70.		% Rec.		8270C	04/01/05	1
p-Terphenyl-d14	86.		% Rec.		8270C	04/01/05	1
Phenol-d5	54.		% Rec.		8270C	04/01/05	1
2-Fluorophenol	46.		% Rec.		8270C	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-01

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 1

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	71.		% Rec.		8270C	04/01/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

Reported: 04/04/05 15:18 Printed: 04/04/05 15:35

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Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-02

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 2

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	8.1		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.88	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	0.99	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	110		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-02

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 2

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	98.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	95.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	83.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	79.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/01/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/01/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/01/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/01/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/01/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/01/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/01/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/01/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Surrogate Recovery							
Nitrobenzene-d5	49.		% Rec.		8270C	04/01/05	1
2-Fluorobiphenyl	59.		% Rec.		8270C	04/01/05	1
p-Terphenyl-d14	83.		% Rec.		8270C	04/01/05	1
Phenol-d5	65.		% Rec.		8270C	04/01/05	1
2-Fluorophenol	56.		% Rec.		8270C	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-02

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 2

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	67.		% Rec.		8270C	04/01/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-03

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 3

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	8.0		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	0.97	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.78	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	100		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-03

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 3

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	97.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	94.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	88.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	68.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/01/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/01/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/01/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/01/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/01/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/01/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/01/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/01/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Surrogate Recovery							
Nitrobenzene-d5	56.		% Rec.		8270C	04/01/05	1
2-Fluorobiphenyl	68.		% Rec.		8270C	04/01/05	1
p-Terphenyl-d14	82.		% Rec.		8270C	04/01/05	1
Phenol-d5	72.		% Rec.		8270C	04/01/05	1
2-Fluorophenol	61.		% Rec.		8270C	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-03

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 3

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	83.		% Rec.		8270C	04/01/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:
The reported analytical results relate only to the sample submitted.

Reported: 04/04/05 15:18 Printed: 04/04/05 15:35

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-04

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 4

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	8.1		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.76	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	100		% Rec.		8260B	04/01/05	1
Toluene-d8	100		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-04

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 4

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	93.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	91.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	83.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	89.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/01/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/01/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/01/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/01/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/01/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/01/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/01/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/01/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Surrogate Recovery							
Nitrobenzene-d5	67.		% Rec.		8270C	04/01/05	1
2-Fluorobiphenyl	78.		% Rec.		8270C	04/01/05	1
p-Terphenyl-d14	85.		% Rec.		8270C	04/01/05	1
Phenol-d5	45.		% Rec.		8270C	04/01/05	1
2-Fluorophenol	38.		% Rec.		8270C	04/01/05	1

Laboratory Certification Numbers:
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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-04

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 4

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	66.		% Rec.		8270C	04/01/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-05

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 5

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	7.9		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.67	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	110		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-05

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 5

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	96.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	89.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	78.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	83.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/01/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/01/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/01/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/01/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/01/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/01/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/01/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/01/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/01/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/01/05	1
Surrogate Recovery							
Nitrobenzene-d5	29.		% Rec.		8270C	04/01/05	1
2-Fluorobiphenyl	46.		% Rec.		8270C	04/01/05	1
p-Terphenyl-d14	87.		% Rec.		8270C	04/01/05	1
Phenol-d5	73.		% Rec.		8270C	04/01/05	1
2-Fluorophenol	60.		% Rec.		8270C	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-05

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 5

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	80.		% Rec.		8270C	04/01/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-06

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 6

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	7.6		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.22	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	0.29	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	110		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-06

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 6

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	95.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	89.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	74.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	76.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/02/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/02/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/02/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/02/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/02/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/02/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/02/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/02/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Surrogate Recovery							
Nitrobenzene-d5	56.		% Rec.		8270C	04/02/05	1
2-Fluorobiphenyl	67.		% Rec.		8270C	04/02/05	1
p-Terphenyl-d14	82.		% Rec.		8270C	04/02/05	1
Phenol-d5	57.		% Rec.		8270C	04/02/05	1
2-Fluorophenol	47.		% Rec.		8270C	04/02/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-06

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 6

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	76.		% Rec.		8270C	04/02/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:
The reported analytical results relate only to the sample submitted.

Reported: 04/04/05 15:18 Printed: 04/04/05 15:35

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-07

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 7

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	7.8		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.86	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	110		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-07

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 7

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	90.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	95.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	81.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	76.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/02/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/02/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/02/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/02/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/02/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/02/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/02/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/02/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Surrogate Recovery							
Nitrobenzene-d5	56.		% Rec.		8270C	04/02/05	1
2-Fluorobiphenyl	69.		% Rec.		8270C	04/02/05	1
p-Terphenyl-d14	83.		% Rec.		8270C	04/02/05	1
Phenol-d5	79.		% Rec.		8270C	04/02/05	1
2-Fluorophenol	67.		% Rec.		8270C	04/02/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-07

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 7

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	80.		% Rec.		8270C	04/02/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-08

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 8

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
Corrosivity	Non-Corrosive				9040A	03/29/05	1
Ignitability	DNI@170		Deg. F		D4982	03/31/05	1
pH	8.0		su		9045C	03/29/05	1
Reactive CN (SW846 7.3.3.2)	BDL	0.12	mg/kg		9012A	03/31/05	1
Reactive Sulf.(SW846 7.3.4.1)	BDL	25.	mg/kg		9030B	03/30/05	1
TCLP Extraction	-				1311	03/29/05	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	03/31/05	1
Arsenic	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Barium	0.50	0.050	mg/l	100	6010B	03/31/05	1
Cadmium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Chromium	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Lead	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
Selenium	BDL	0.050	mg/l	1.0	6010B	03/31/05	1
Silver	BDL	0.050	mg/l	5.0	6010B	03/31/05	1
TCLP ZHE Extraction	-				1311	03/30/05	1
TCLP Volatiles							
Benzene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Carbon tetrachloride	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Chlorobenzene	BDL	0.050	mg/l	100	8260B	04/01/05	1
Chloroform	BDL	0.25	mg/l	6.0	8260B	04/01/05	1
1,2-Dichloroethane	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
1,1-Dichloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
2-Butanone (MEK)	BDL	0.50	mg/l	200	8260B	04/01/05	1
Tetrachloroethene	BDL	0.050	mg/l	0.70	8260B	04/01/05	1
Trichloroethene	BDL	0.050	mg/l	0.50	8260B	04/01/05	1
Vinyl chloride	BDL	0.050	mg/l	0.20	8260B	04/01/05	1
Surrogate Recovery							
Dibromofluoromethane	110		% Rec.		8260B	04/01/05	1
Toluene-d8	110		% Rec.		8260B	04/01/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-08

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 8

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
4-Bromofluorobenzene	95.		% Rec.		8260B	04/01/05	1
TCLP Pesticides							
Chlordane	BDL	0.0050	mg/l	0.030	8081A	03/31/05	1
Endrin	BDL	0.0050	mg/l	0.020	8081A	03/31/05	1
Heptachlor	BDL	0.0050	mg/l	0.0080	8081A	03/31/05	1
Lindane	BDL	0.0050	mg/l	0.40	8081A	03/31/05	1
Methoxychlor	BDL	0.0050	mg/l	10.	8081A	03/31/05	1
Toxaphene	BDL	0.010	mg/l	0.50	8081A	03/31/05	1
Surrogate Recovery							
Decachlorobiphenyl	94.		% Rec.		8081A	03/31/05	1
Tetrachloro-m-xylene	81.		% Rec.		8081A	03/31/05	1
TCLP Herbicides							
2,4,5-TP (Silvex)	BDL	0.0020	mg/l	1.0	8151A	03/31/05	1
2,4-D	BDL	0.0020	mg/l	10.	8151A	03/31/05	1
Surrogate Recovery							
2,4-Dichlorophenyl Acetic Acid	76.		% Rec.		8151A	03/31/05	1
TCLP Semi-Volatiles							
1,4-Dichlorobenzene	BDL	0.10	mg/l	7.5	8270C	04/02/05	1
2,4-Dinitrotoluene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachlorobenzene	BDL	0.10	mg/l	0.13	8270C	04/02/05	1
Hexachloro-1,3-butadiene	BDL	0.10	mg/l	0.50	8270C	04/02/05	1
Hexachloroethane	BDL	0.10	mg/l	3.0	8270C	04/02/05	1
Nitrobenzene	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Pyridine	BDL	0.10	mg/l	5.0	8270C	04/02/05	1
m&p-Cresol	BDL	0.10	mg/l	400	8270C	04/02/05	1
o-Cresol	BDL	0.10	mg/l	200	8270C	04/02/05	1
Pentachlorophenol	BDL	0.10	mg/l	100	8270C	04/02/05	1
2,4,5-Trichlorophenol	BDL	0.10	mg/l	400	8270C	04/02/05	1
2,4,6-Trichlorophenol	BDL	0.10	mg/l	2.0	8270C	04/02/05	1
Surrogate Recovery							
Nitrobenzene-d5	69.		% Rec.		8270C	04/02/05	1
2-Fluorobiphenyl	74.		% Rec.		8270C	04/02/05	1
p-Terphenyl-d14	80.		% Rec.		8270C	04/02/05	1
Phenol-d5	53.		% Rec.		8270C	04/02/05	1
2-Fluorophenol	46.		% Rec.		8270C	04/02/05	1

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-08

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 8

Project :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Result	Det. Limit	Units	Limit	Method	Date	Dil
2,4,6-Tribromophenol	67.		% Rec.		8270C	04/02/05	1

Leslie Newton, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-09

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 1

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.1		%	2540G	03/30/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1221	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1232	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1242	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1248	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1254	BDL	0.096	mg/kg	8082	03/28/05	5
PCB 1260	BDL	0.096	mg/kg	8082	03/28/05	5
PCBs Surrogates						
Decachlorobiphenyl	152.		% Rec.	8082	03/28/05	5
Tetrachloro-m-xylene	132.		% Rec.	8082	03/28/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-10

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 2

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.2		%	2540G	03/30/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/28/05	5
PCBs Surrogates						
Decachlorobiphenyl	122.		% Rec.	8082	03/28/05	5
Tetrachloro-m-xylene	113.		% Rec.	8082	03/28/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-11

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 3

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.9		%	2540G	03/30/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/28/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/28/05	5
PCBs Surrogates						
Decachlorobiphenyl	126.		% Rec.	8082	03/28/05	5
Tetrachloro-m-xylene	111.		% Rec.	8082	03/28/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-12

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 4

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.7		%	2540G	03/30/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/30/05	5
PCBs Surrogates						
Decachlorobiphenyl	79.0		% Rec.	8082	03/30/05	5
Tetrachloro-m-xylene	83.3		% Rec.	8082	03/30/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-13

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 5

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.8		%	2540G	03/31/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/30/05	5
PCBs Surrogates						
Decachlorobiphenyl	71.9		% Rec.	8082	03/30/05	5
Tetrachloro-m-xylene	81.0		% Rec.	8082	03/30/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Note:

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-14

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 6

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.0		%	2540G	03/31/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/30/05	5
PCBs Surrogates						
Decachlorobiphenyl	81.9		% Rec.	8082	03/30/05	5
Tetrachloro-m-xylene	79.5		% Rec.	8082	03/30/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 04/04/05 15:18 Printed: 04/04/05 15:36

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-15

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 7

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	75.5		%	2540G	03/31/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1221	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1232	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1242	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1248	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1254	BDL	0.11	mg/kg	8082	03/30/05	5
PCB 1260	BDL	0.11	mg/kg	8082	03/30/05	5
PCBs Surrogates						
Decachlorobiphenyl	72.5		% Rec.	8082	03/30/05	5
Tetrachloro-m-xylene	77.4		% Rec.	8082	03/30/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Note:

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REPORT OF ANALYSIS

Mr. Russ Savage
Naturesway
3553 Crittenden Rd.
Crittenden, NY 14038

April 04,2005

ESC Sample # : L193033-16

Date Received : March 26, 2005
Description : Boone Park

Site ID :

Sample ID : COMP 8

Project # :

Collected By : Jon N.
Collection Date : 03/24/05 00:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.0		%	2540G	03/31/05	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1221	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1232	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1242	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1248	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1254	BDL	0.10	mg/kg	8082	03/30/05	5
PCB 1260	BDL	0.10	mg/kg	8082	03/30/05	5
PCBs Surrogates						
Decachlorobiphenyl	79.0		% Rec.	8082	03/30/05	5
Tetrachloro-m-xylene	78.4		% Rec.	8082	03/30/05	5

Leslie Newton, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 04/04/05 15:18 Printed: 04/04/05 15:36

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L193033-01	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
L193033-02	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
L193033-03	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
L193033-04	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
	2,4,5-TP (Silvex)	J3
	2,4-D	J3
L193033-05	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
	Nitrobenzene-d5	J2
L193033-06	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
L193033-07	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
L193033-08	Benzene	J3
	Chlorobenzene	J3
	Chloroform	J3
	1,1-Dichloroethene	J3
	Tetrachloroethene	J3
	Trichloroethene	J3
	Reactive CN (SW846 7.3.3.2)	J3
L193033-09	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	OJ1
	Tetrachloro-m-xylene	O
L193033-10	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	Tetrachloro-m-xylene	O
L193033-11	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O
L193033-12	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O
L193033-13	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O
L193033-14	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O
L193033-15	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O
L193033-16	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
	PCB 1260	O
	Decachlorobiphenyl	O
	Tetrachloro-m-xylene	O

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
04/04/05 at 15:36:17

TSR Signing Reports: 044
R4 - Required TAT

Sample: L193033-01 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-02 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-03 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-04 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-05 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-06 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-07 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-08 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18
Added RCI and pH-lf 3/28
Sample: L193033-09 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-10 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-11 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-12 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-13 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-14 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-15 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

Sample: L193033-16 Account: NATURESNY Received: 03/26/05 10:00 Due Date: 04/01/05 00:00 RPT Date: 04/04/05 15:18

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

Denise M. Sheehan
Acting
Commissioner

April 8, 2005

Mr. Nicholas Morreale
EnSol, Inc.
452 Third Street
Niagara Falls, New York 14301

Dear Mr. Morreale:

Town of Tonawanda Landfill, #15S29
Alternate Grading Material Request
Boone Park Site

This is in response to your letter dated April 6, 2005 requesting approval to accept for disposal, non-hazardous soil that is to be removed during the remedial activities at the Boone Park site located at 353 Germania Street in Buffalo, NY. The material is proposed for use as alternate grading material (AGM) at the Town of Tonawanda landfill and you have estimated that approximately 5550 tons of waste will be delivered to the landfill.

I have reviewed the information provided in your submittal and the Department hereby approves this material to be accepted at the Town of Tonawanda landfill for use as alternate grading material. Placement and handling of the material must be in accordance with the Operations and Maintenance Manual, revised May 2001, prepared by EnSol, Inc.

Please note that the Department's approval for the use of the above referenced material as AGM at the Town of Tonawanda landfill does not relieve the Town from having to comply with any other applicable local, state and/or federal requirements.

If you have any questions regarding this matter, please call me at 851-7220.

Sincerely,

Dennis R. Weiss, P.E.
Environmental Engineer II

DRW:dcg
weiss\morreale30.ltr

cc: Mr. Mark Hans, Regional Solid Materials Engineer
Mr. David Locey, Division of Environmental Remediation
Mr. John Camilleri, Town of Tonawanda

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

PART 364

WASTE TRANSPORTER PERMIT NO. 9A-035

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

CARMEN M. PARISO, INC.
3649 RIVER ROAD
TONAWANDA, NY 14150

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME:	**JERRY BEDNASZ**	**EFFECTIVE DATE:**	**04/01/2005**
COUNTY:	ERIE	EXPIRATION DATE:	03/31/2006
TELEPHONE NO:	(716)875-6168	US EPA ID NUMBER:	

AUTHORIZED WASTE TYPES:
The Permittee is Authorized to Transport the Following Waste Type(s):

~~Non-Hazardous Industrial/Commercial~~

~~Waste Tires~~

Petroleum Contaminated Soil

Non-Residential Raw Sewage or Sewage-~~Contaminated Wastes~~

Sludge from Sewage or Water Supply Treatment Plant

AUTHORIZED VEHICLES:
The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:
(Vehicles enclosed in <>'s are authorized to haul septage only)

32 PERMITTED VEHICLE(S)

NY 10859JT 200	NY 37894PA 208	NY 72792JS 217	NY AM44066 163
NY 13400PA 210	NY 37896PA 166	NY 72793JS 218	NY AM44067 164
NY 18621JD 190	NY 37898PA 165	**NY 77544JF 207**	End of List
NY 18624JD 188	NY 37899PA 149	NY 77610JF 209	
NY 37887PA 165	**NY 40306JR 152**	**NY 87944JB 194**	
NY 37888PA 170	NY 40918JR 199	NY 88257JB 197	
~~NY 37889PA 177~~	~~**NY 41024JR 156**~~	~~**NY 88258JB 195**~~	
NY 37891PA 181	NY 62001PA 159	NY AB32063 157	
NY 37892PA 172	**NY 63789PA 158**	**NY AB32064 158**	
NY 37893PA 171	NY 71093JE 153	NY AL63835 161	

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS: New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7253

AUTHORIZED SIGNATURE: _____ Date: 2/9/05

APPENDIX C

DATA USABILITY SUMMARY REPORT

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, N. Y. 12853
Phone 518-251-4429
Facsimile 518-251-4428

June 9, 2005

Rory Woodmansee
C&S Engineers
499 Col. Eileen Collins Blvd.
Syracuse, NY 13212

RE: **D**ata **U**sability **S**ummary **R**eport for the Boone Park Brownfield site
STL-Buffalo SDG/Package Nos. 3486 and 3725

Dear Mr. Woodmansee:

Review has been completed for the data packages generated by Severn Trent Laboratories that pertain to samples collected 4/07/05 through 5/04/05 at the Boone Park site. Forty-six soil samples were analyzed for total arsenic. One of the samples was also processed for TCLP arsenic. Methodologies utilized were the 2000 NYSDEC ASP CLP. Sample matrix spikes were also processed.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Calibration/CRI/CRA Standards
* ICP Interference Check Standards
* ICP Serial Dilution Correlations

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR review level.

In summary, samples were processed in compliance with protocol requirements, and results are usable as reported, or with usable with minor qualification as estimated due to sample matrix effects. No data are rejected.

Copies of the laboratory case narratives and laboratory NYSDEC Sample Identification and Analytical Requirement Summary Forms are attached to this text, and should be reviewed in conjunction with this report. Included with this report are red-ink edited sample report forms that represent final qualified samples results, including two revised forms.

The following text discusses quality issues of concern.

Total and TCLP Arsenic by CLP-M

The matrix spike and duplicate evaluations performed on soil samples SC-4, SC-8, and SC-27, SC-27R, and for TCLP arsenic on SC-17R show acceptable recoveries.

The matrix spike recoveries for soil samples SC-7R, SC-21 and SV-29R were low (55% to 72%), and those for SC-14 and SC-31 were elevated (178% and 152%). Arsenic results for samples directly associated with those parent samples are therefore qualified as estimated ("J"). The matrix spikes of soils SC-17 and SC-29 could not be evaluated due to the high sample concentrations.

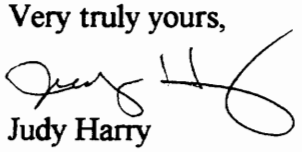
Laboratory duplicate correlations are acceptable.

The ICP serial dilution evaluation of SC-29 shows acceptable correlations. Those for SC-4, SC-8, SC-14, SC-7R, SC-17R, SC-27R, SC-29R2, and SC-31 are not applicable due to low sample concentrations. The serial dilution of SC-21 shows an elevated correlation (13%D); results for samples associated with this parent sample are already qualified due to matrix spike recovery.

Sample processing was compliant. Blanks show no contamination above CRDL.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,



Judy Harry

LABORATORY SAMPLE IDs AND CASE NARRATIVES

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A5348601	SC-1	SOIL	04/07/2005	13:30	04/13/2005	11:00
A5359503	SC-10	SOIL	04/13/2005	15:00	04/14/2005	10:45
A5359504	SC-11	SOIL	04/14/2005	08:30	04/14/2005	10:45
A5359505	SC-12	SOIL	04/14/2005	09:00	04/14/2005	10:45
A5359506	SC-13	SOIL	04/14/2005	10:00	04/14/2005	10:45
A5364901	SC-14	SOIL	04/14/2005	13:00	04/15/2005	10:55
A5364902	SC-15	SOIL	04/14/2005	14:30	04/15/2005	10:55
A5364903	SC-16	SOIL	04/14/2005	15:15	04/15/2005	10:55
A5364904	SC-17	SOIL	04/15/2005	08:30	04/15/2005	10:55
A5364905	SC-18	SOIL	04/15/2005	09:15	04/15/2005	10:55
A5364906	SC-19	SOIL	04/15/2005	10:00	04/15/2005	10:55
A5348602	SC-2	SOIL	04/12/2005	09:00	04/13/2005	11:00
A5364907	SC-20	SOIL	04/15/2005	10:15	04/15/2005	10:55
A5348603	SC-3	SOIL	04/12/2005	12:00	04/13/2005	11:00
A5348604	SC-4	SOIL	04/12/2005	12:30	04/13/2005	11:00
A5348604MS	SC-4	SOIL	04/12/2005	12:30	04/13/2005	11:00
A5348604SD	SC-4	SOIL	04/12/2005	12:30	04/13/2005	11:00
A5348605	SC-5	SOIL	04/12/2005	15:30	04/13/2005	11:00
A5348606	SC-6	SOIL	04/13/2005	10:00	04/13/2005	11:00
A5348607	SC-7	SOIL	04/13/2005	10:30	04/13/2005	11:00
A5359501	SC-8	SOIL	04/13/2005	13:00	04/14/2005	10:45
A5359502	SC-9	SOIL	04/13/2005	14:00	04/14/2005	10:45

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5452304	DECON	SOIL	05/05/2005	12:15	05/05/2005	13:50
A5378503	SC-11R	SOIL	04/18/2005	15:00	04/19/2005	12:40
A5385601	SC-17R	SOIL	04/19/2005	13:30	04/20/2005	15:40
A5398601	SC-17R	SOIL	04/19/2005	13:30	04/20/2005	13:10
A5452302	SC-17R2-CLAY	SOIL	05/05/2005	11:00	05/05/2005	13:50
A5452303	SC-17R2-GRAN	SOIL	05/05/2005	11:05	05/05/2005	13:50
A5385602	SC-18R	SOIL	04/20/2005	11:00	04/20/2005	15:40
A5372502	SC-21	SOIL	04/15/2005	12:45	04/18/2005	10:50
A5372502MS	SC-21	SOIL	04/15/2005	12:45	04/18/2005	10:50
A5372502SD	SC-21	SOIL	04/15/2005	12:45	04/18/2005	10:50
A5372503	SC-22	SOIL	04/15/2005	14:00	04/18/2005	10:50
A5385604	SC-22R	SOIL	04/20/2005	14:30	04/20/2005	15:40
A5372504	SC-23	SOIL	04/15/2005	14:30	04/18/2005	10:50
A5385603	SC-23R	SOIL	04/20/2005	11:30	04/20/2005	15:40
A5372505	SC-24	SOIL	04/15/2005	15:00	04/18/2005	10:50
A5385605	SC-24R	SOIL	04/20/2005	14:45	04/20/2005	15:40
A5372506	SC-25	SOIL	04/15/2005	15:30	04/18/2005	10:50
A5372507	SC-26	SOIL	04/15/2005	15:45	04/18/2005	10:50
A5372508	SC-27	SOIL	04/18/2005	09:00	04/18/2005	10:50
A5389901	SC-27R	SOIL	04/21/2005	09:00	04/21/2005	11:55
A5372509	SC-28	SOIL	04/18/2005	09:15	04/18/2005	10:50
A5378501	SC-29	SOIL	04/18/2005	12:00	04/19/2005	12:40
A5389903	SC-29R	SOIL	04/21/2005	10:30	04/21/2005	11:55
A5414101	SC-29R2	SOIL	04/26/2005	14:30	04/26/2005	15:45
A5378502	SC-30	SOIL	04/18/2005	12:15	04/19/2005	12:40
A5389902	SC-30R	SOIL	04/21/2005	10:00	04/21/2005	11:55
A5428601	SC-31	SOIL	04/29/2005	09:00	04/29/2005	12:18
A5372501	SC-7D	SOIL	04/15/2005	12:00	04/18/2005	10:50
A5452301	SC-7R	SOIL	05/04/2005	14:00	05/05/2005	13:50

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
SC-1	A5348601	-	-	-	-	ASP00	-	-
SC-10	A5359503	-	-	-	-	ASP00	-	-
SC-11	A5359504	-	-	-	-	ASP00	-	-
SC-12	A5359505	-	-	-	-	ASP00	-	-
SC-13	A5359506	-	-	-	-	ASP00	-	-
SC-14	A5364901	-	-	-	-	ASP00	-	-
SC-15	A5364902	-	-	-	-	ASP00	-	-
SC-16	A5364903	-	-	-	-	ASP00	-	-
SC-17	A5364904	-	-	-	-	ASP00	-	-
SC-18	A5364905	-	-	-	-	ASP00	-	-
SC-19	A5364906	-	-	-	-	ASP00	-	-
SC-2	A5348602	-	-	-	-	ASP00	-	-
SC-20	A5364907	-	-	-	-	ASP00	-	-
SC-3	A5348603	-	-	-	-	ASP00	-	-
SC-4	A5348604	-	-	-	-	ASP00	-	-
SC-5	A5348605	-	-	-	-	ASP00	-	-
SC-6	A5348606	-	-	-	-	ASP00	-	-
SC-7	A5348607	-	-	-	-	ASP00	-	-
SC-8	A5359501	-	-	-	-	ASP00	-	-
SC-9	A5359502	-	-	-	-	ASP00	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
DECON	A5452304	-	-	-	-	ASP00	-	
SC-11R	A5378503	-	-	-	-	ASP00	-	
SC-17R	A5398601	-	-	-	-	ASP00	-	ASP00
SC-17R2-CLAY	A5452302	-	-	-	-	ASP00	-	-
SC-17R2-GRAN	A5452303	-	-	-	-	ASP00	-	-
SC-18R	A5385602	-	-	-	-	ASP00	-	-
SC-21	A5372502	-	-	-	-	ASP00	-	-
SC-22	A5372503	-	-	-	-	ASP00	-	-
SC-22R	A5385604	-	-	-	-	ASP00	-	-
SC-23	A5372504	-	-	-	-	ASP00	-	-
SC-23R	A5385603	-	-	-	-	ASP00	-	-
SC-24	A5372505	-	-	-	-	ASP00	-	-
SC-24R	A5385605	-	-	-	-	ASP00	-	-
SC-25	A5372506	-	-	-	-	ASP00	-	-
SC-26	A5372507	-	-	-	-	ASP00	-	-
SC-27	A5372508	-	-	-	-	ASP00	-	-
SC-27R	A5389901	-	-	-	-	ASP00	-	-
SC-28	A5372509	-	-	-	-	ASP00	-	-
SC-29	A5378501	-	-	-	-	ASP00	-	-

NON-CONFORMANCE SUMMARY

Job#: A05-3486,A05-3595,A05-3649

STL Project#: NY4A9194
SDG#: 3486
Site Name: C & S Engineers

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-3486
Sample Cooler(s) were received at the following temperature(s); 6.0 °C
All samples were received in good condition.
A05-3595
Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.
A05-3649
Sample Cooler(s) were received at the following temperature(s); 3.2 °C
All samples were received in good condition.

Metals Data

The recovery of sample SC-14 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Arsenic. Sample matrix is suspect. However, the LCS (A5B523501) was acceptable.

The RPD of sample SC-14 and the Matrix Duplicate exceeded quality control limits for Arsenic. However, the LCS (A5B0523501) was acceptable. Therefore, no corrective action was necessary.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

4-25-05
Date

NON-CONFORMANCE SUMMARY

Job#: A05-3725,A05-3785,A05-3856,A05-3899,A05-3986,A05-4141,A05-4286,A05-4523

STL Project#: NY4A9194
SDG#: 3725
Site Name: C & S Engineers

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A05-3725
Sample Cooler(s) were received at the following temperature(s); 6.0 °C
All samples were received in good condition.

A05-3785
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

A05-3856
Sample Cooler(s) were received at the following temperature(s); 2.6 °C
All samples were received in good condition.

A05-3899
Sample Cooler(s) were received at the following temperature(s); 11.0 °C
All samples were received at a temperature of >10°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

A05-3986
Sample Cooler(s) were received at the following temperature(s); 2.6 °C
All samples were received in good condition.

A05-4141
Sample Cooler(s) were received at the following temperature(s); 6.0 °C
All samples were received in good condition.

A05-4286
Sample Cooler(s) were received at the following temperature(s); 8.0 °C
Sample SC-31 was received at a temperature of 8.0°C. However, ice was present in the cooler and as the sample was collected the same day, it was not possible for the sample to cool to 4°C prior to receipt. There is no impact on the data.

All samples were received in good condition.

Metals Data

The recovery of samples SC-21, SC-29R2(MS), and SC-7R(MS) Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Arsenic. The recovery of sample SC-31 Matrix Spike exhibited results above the quality control limits for Arsenic. Sample matrix is suspect. However, the LCS's were acceptable.

The recovery of samples SC-17R and SC-29 Matrix Spike exhibited results below the quality control limits for Arsenic. The sample result is more than four times greater than the spike added. The LCS's were acceptable.

The recovery of sample SC-27R Post Spike exhibited results above the quality control limits for Arsenic. However, the LCS was acceptable.

The RPD of sample SC-29 and the Matrix Duplicate exceeded quality control limits for Arsenic. The RPD of sample SC-17R and the Matrix Duplicate exceeded quality control limits for Arsenic. However, the LCS was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

Revision Comments

Per client request on April 22, 2005, sample SC-17R was also analyzed for TCLP arsenic.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

6-2-05
Date

Comments: _____

RESUBMISSION COMMUNICATIONS

Judy Harry

From: "Judy Harry" <narrabst@atecone.net>
To: <rwoodmansee@cscos.com>
Sent: Tuesday, May 31, 2005 10:31 AM
Subject: Boone Park

Hi Rory,

As discussed, the following items should be provided by STL-Buffalo in order to complete the documentation:

For data package SDG 3725:

1. The soil report Form 1 for SC-17R incorrrectly lists the TCLP result below that for the soil. There should be two separate forms for these data, and that for the TCLP should be specified as water matrix/units. The EDD should also be checked for accuracy.

2. That data package has no reference to the requested TCLP analysis of that soil other than the raw prep/analysis logs. There should be some form of documentation (via telelog or case narrative comment) noting that processing.

I look forward to the revised pages.

Judy Harry
Data Validation Services
120 Cobble Creek Rd.
P. O. Box 208
North Creek, NY 12853

Ph. (518) 251-4429
Fax (518) 251-4428

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

June 7, 2005

Mr. Rory Woodmansee
C&S Engineers, Inc.
1099 Airport Blvd
North Syracuse, NY 13212

RE: **REVISION** for STL SDG # 3725

Dear Mr. Woodmansee:

Please find enclosed **revised** analytical report pages concerning samples recently submitted by your firm. Specifically, this report has been revised to include appropriate forms related to total arsenic and TCLP arsenic results on sample SC-17R. A case narrative comment has also been added to reflect the client request for the TCLP analysis. The attached pages have been numbered for replacement and/or insertion into the original report. The pertinent information regarding these analyses is listed below:

Site: Boone Park site
SDG#: 3725

If you have any questions concerning these data, please contact the Program Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide C & S Engineers with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

Brian J. Fischer
Program Manager

BJF
Enclosure

I.D. #A05-3725
#NY4A9194

QUALIFIED REPORT FORMS

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-1

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517346

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.4			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-10

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517705

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 87

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.9			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-11

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517706

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	27.6			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-12

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517707

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	17.3			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-13

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517708

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.8			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-14

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518047

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 86

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.8		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-15

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518050

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 89

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	19.0		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-16

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518051

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.7		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-17

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518052

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	33.5		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-18

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518053

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	25.4		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-19

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518054

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.3		N* J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-2

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517347

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.8			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-20

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD518055

Level (low/med): LOW Date Received: 4/15/2005

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.1		N*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-3

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517348

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.4			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-4

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517349

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 86

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.9			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-5

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517352

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.6			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-6

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517353

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.9			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-7

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517354

Level (low/med): LOW Date Received: 4/13/2005

% Solids: 75

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	22.4			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-8

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517701

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.8			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-9

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3486

Matrix (soil/water): SOIL Lab Sample ID: AD517704

Level (low/med): LOW Date Received: 4/14/2005

% Solids: 81

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.1			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

DECON

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD522484

Level (low/med): LOW Date Received: 5/5/2005

% Solids: 91

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.8		N J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-11R

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518777

Level (low/med): LOW Date Received: 4/19/2005

% Solids: 86

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.2		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-17R

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519150

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 87

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	241		E*	P
7440-38-2	Arsenic	3.3	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-17R

Contract: NY04-001

Lab Code: STLBFLO Case No.: Sas No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519150

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 87

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	241		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-17R-TCLP

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): WATER Lab Sample ID: AD520216

Level (low/med): LOW Date Received: 4/20/2005

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3	B		P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-17R2-CLAY

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD522482

Level (low/med): LOW Date Received: 5/5/2005

% Solids: 77

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.6		N J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-17R2-GRAN

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD522483

Level (low/med): LOW Date Received: 5/5/2005

% Solids: 81

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	104		N J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-18R

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519153

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 90

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.6		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-21

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518506

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	18.2		NE J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-22

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518510

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 69

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	84.2		NE J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-22R

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519155

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.3		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-23

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518511

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 70

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	20.8		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-23R

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519154

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 81

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.1		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-24

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518512

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 65

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	25.9		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-24R

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519156

Level (low/med): LOW Date Received: 4/20/2005

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.9		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-25

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518513

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 72

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.2		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-26

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518514

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 81

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	14.7		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-27

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518515

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	28.2		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-27R

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519484

Level (low/med): LOW Date Received: 4/21/2005

% Solids: 80

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.4		J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-28

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518516

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 89

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.3		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-29

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518773

Level (low/med): LOW Date Received: 4/19/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	41.7		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-29R

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519488

Level (low/med): LOW Date Received: 4/21/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	53.0		J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-29R2

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD520573

Level (low/med): LOW Date Received: 4/26/2005

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3		N	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-30

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518776

Level (low/med): LOW Date Received: 4/19/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	35.4		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.: SC-30R

Contract: NY04-001

Lab Code: STLBFLO Case No.: Sas No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD519487

Level (low/med): LOW Date Received: 4/21/2005

% Solids: 84

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.0		J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-31

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD521487

Level (low/med): LOW Date Received: 4/29/2005

% Solids: 92

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.2		N J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-7D

Contract: NY04-001

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD518505

Level (low/med): LOW Date Received: 4/18/2005

% Solids: 76

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	20.2		NE	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SC-7R

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Lab Sample ID: AD522479

Level (low/med): LOW Date Received: 5/5/2005

% Solids: 80

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.9		N J	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: BROWN Clarity After: CLDY/FI Artifacts: _____

Comments: _____

STL BUFFALO

C & S Engineers

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.: SC-21/MS

Contract: NY04-001

Lab Code: STLBFLO Case No.: _____ SAS No.: _____ SDG NO.: 3725

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.9

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	24.3530		18.2042		9.79	62.8	N	P

Comments: _____

APPENDIX D

ANALYTICAL DATA FOR BACKFILL MATERIALS

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 1
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Copper	7.20	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Iron	3570	12.7		mg/Kg-dry	1	4/26/05 8:33:56 AM
Lead	ND	0.633	B	mg/Kg-dry	1	4/26/05 8:33:56 AM
Magnesium	504	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Manganese	184	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Nickel	ND	6.33		mg/Kg-dry	1	4/26/05 8:33:56 AM
Potassium	ND	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Selenium	ND	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Silver	ND	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Sodium	ND	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Thallium	ND	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Vanadium	ND	6.33		mg/Kg-dry	1	4/26/05 8:33:56 AM
Zinc	26.5	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
TOTAL MERCURY - SOIL/SOLID/WASTE		**SW7471A**		**(SW7471A)**		Analyst: **AB**
Mercury	ND	0.105		mg/Kg-dry	1	4/26/05 4:02:35 PM
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: **LD**
Phenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-chloroethyl)ether	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Chlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,3-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,4-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,2-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Methylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
N-Nitrosodi-n-propylamine	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachloroethane	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Nitrobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Isophorone	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Nitrophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dimethylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-chloroethoxy)methane	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,2,4-Trichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Naphthalene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Chloroaniline	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachlorobutadiene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Chloro-3-methylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Methylnaphthalene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachlorocyclopentadiene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM

Approved By: **Date:**

Qualifiers:
- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 1
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: LD
2,4,6-Trichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4,5-Trichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Chloronaphthalene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
Dimethyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Acenaphthylene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,6-Dinitrotoluene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
3-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
Acenaphthene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dinitrophenol	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Nitrophenol	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
Dibenzofuran	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dinitrotoluene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Diethyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Chlorophenyl phenyl ether	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Fluorene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
4,6-Dinitro-2-methylphenol	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
N-Nitrosodiphenylamine	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Bromophenyl phenyl ether	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Pentachlorophenol	ND	840		µg/Kg-dry	1	4/26/05 12:09:00 PM
Phenanthrene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Anthracene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Carbazole	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Di-n-butyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Pyrene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Butyl benzyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
3,3'-Dichlorobenzidine	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Benz(a)anthracene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Chrysene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-ethylhexyl)phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Di-n-octyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Benzo(b)fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Benzo(k)fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Benzo(a)pyrene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Indeno(1,2,3-cd)pyrene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Dibenz(a,h)anthracene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM

Approved By: **Date:**

Qualifiers:

- * Low Level
- ** Value exceeds Maximum Contaminant Value
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 1
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: **LD**
Benzo(g,h,i)perylene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
(3+4)-Methylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-chloroisopropyl)ether	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
ASP/CLP TCL VOLATILE SOIL		**SW8260B**				Analyst: **RS**
Chloromethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Vinyl chloride	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Bromomethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Chloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Acetone	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,1-Dichloroethene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Carbon disulfide	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Methylene chloride	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
trans-1,2-Dichloroethene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,1-Dichloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
2-Butanone	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
cis-1,2-Dichloroethene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Chloroform	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,1,1-Trichloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Carbon tetrachloride	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Benzene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,2-Dichloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Trichloroethene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,2-Dichloropropane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Bromodichloromethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
cis-1,3-Dichloropropene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Toluene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
trans-1,3-Dichloropropene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
1,1,2-Trichloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
2-Hexanone	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Tetrachloroethene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Dibromochloromethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Chlorobenzene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Ethylbenzene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
m,p-Xylene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
o-Xylene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Styrene	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
Bromoform	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM

Approved By: **Date:**

Qualifiers:
- `*` Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- `**` Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT:	Nature's Way (NWEC&C)	**Client Sample ID:**	Comp 1
Lab Order:	U0504387	**Collection Date:**	4/21/05
Project:	Boone Park		
Lab ID:	U0504387-001	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE SOIL		**SW8260B**				Analyst: **RS**
1,1,2,2-Tetrachloroethane	ND	11		µg/Kg-dry	1	4/26/05 1:55:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **SL**
Percent Moisture	5.16	0.00100		wt%	1	4/26/05

Approved By: **Date:**

Qualifiers:	* Low Level	**	Value exceeds Maximum Contaminant Value
	B Analyte detected in the associated Method Blank	E	Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 2
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: LD
2,4,6-Trichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,4,5-Trichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Chloronaphthalene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
Dimethyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Acenaphthylene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,6-Dinitrotoluene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
3-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
Acenaphthene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,4-Dinitrophenol	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Nitrophenol	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
Dibenzofuran	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,4-Dinitrotoluene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Diethyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Chlorophenyl phenyl ether	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Fluorene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Nitroaniline	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
4,6-Dinitro-2-methylphenol	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
N-Nitrosodiphenylamine	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Bromophenyl phenyl ether	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Hexachlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Pentachlorophenol	ND	840		µg/Kg-dry	1	4/26/05 2:20:00 PM
Phenanthrene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Anthracene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Carbazole	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Di-n-butyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Pyrene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Butyl benzyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
3,3'-Dichlorobenzidine	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Benz(a)anthracene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Chrysene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Bis(2-ethylhexyl)phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Di-n-octyl phthalate	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Benzo(b)fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Benzo(k)fluoranthene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Benzo(a)pyrene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Indeno(1,2,3-cd)pyrene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Dibenz(a,h)anthracene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM

Approved By: **Date:**

Qualifiers:
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- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT:	Nature's Way (NWEC&C)	**Client Sample ID:**	Comp 2
Lab Order:	U0504387	**Collection Date:**	4/21/05
Project:	Boone Park		
Lab ID:	U0504387-002	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP PEST/PCB IN SOLIDS		**SW8081A**		**(SW3550)**		Analyst: **BW**
4,4'-DDD	ND	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDE	7.0	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDT	3.8	3.5		µg/Kg-dry	1	4/25/05
Aldrin	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Aroclor 1016	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1221	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1232	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1242	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1248	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1254	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1260	ND	35		µg/Kg-dry	1	4/25/05
beta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
delta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
Dieldrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan I	ND	1.8		µg/Kg-dry	1	4/25/05
Endosulfan II	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan sulfate	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin aldehyde	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin ketone	ND	3.5		µg/Kg-dry	1	4/25/05
gamma-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
gamma-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor epoxide	ND	1.8		µg/Kg-dry	1	4/25/05
Methoxychlor	ND	18		µg/Kg-dry	1	4/25/05
Toxaphene	ND	180		µg/Kg-dry	1	4/25/05
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Aluminum	1450	21.0		mg/Kg-dry	1	4/26/05 8:44:05 AM
Antimony	ND	3.15		mg/Kg-dry	1	4/26/05 8:44:05 AM
Arsenic	ND	2.10	B	mg/Kg-dry	1	4/26/05 8:44:05 AM
Barium	32.4	10.5		mg/Kg-dry	1	4/26/05 8:44:05 AM
Beryllium	ND	0.629		mg/Kg-dry	1	4/26/05 8:44:05 AM
Cadmium	ND	1.05		mg/Kg-dry	1	4/26/05 8:44:05 AM
Calcium	497	210		mg/Kg-dry	1	4/26/05 8:44:05 AM
Chromium	2.64	1.05		mg/Kg-dry	1	4/26/05 8:44:05 AM
Cobalt	ND	4.20		mg/Kg-dry	1	4/26/05 8:44:05 AM

Approved By: **Date:**

Qualifiers:

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- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 2
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Copper	8.61	2.10		mg/Kg-dry	1	4/26/05 8:44:05 AM
Iron	4120	12.6		mg/Kg-dry	1	4/26/05 8:44:05 AM
Lead	ND	0.629	B	mg/Kg-dry	1	4/26/05 8:44:05 AM
Magnesium	614	210		mg/Kg-dry	1	4/26/05 8:44:05 AM
Manganese	185	2.10		mg/Kg-dry	1	4/26/05 8:44:05 AM
Nickel	ND	6.29		mg/Kg-dry	1	4/26/05 8:44:05 AM
Potassium	ND	210		mg/Kg-dry	1	4/26/05 8:44:05 AM
Selenium	ND	1.05	B	mg/Kg-dry	1	4/26/05 8:44:05 AM
Silver	ND	2.10		mg/Kg-dry	1	4/26/05 8:44:05 AM
Sodium	ND	210		mg/Kg-dry	1	4/26/05 8:44:05 AM
Thallium	ND	2.10		mg/Kg-dry	1	4/26/05 8:44:05 AM
Vanadium	ND	6.29		mg/Kg-dry	1	4/26/05 8:44:05 AM
Zinc	29.3	2.10		mg/Kg-dry	1	4/26/05 8:44:05 AM
TOTAL MERCURY - SOIL/SOLID/WASTE		**SW7471A**		**(SW7471A)**		Analyst: **AB**
Mercury	ND	0.105		mg/Kg-dry	1	4/26/05 4:06:39 PM
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: **LD**
Phenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Bis(2-chloroethyl)ether	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Chlorophenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
1,3-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
1,4-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
1,2-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Methylphenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
N-Nitrosodi-n-propylamine	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Hexachloroethane	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Nitrobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Isophorone	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Nitrophenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,4-Dimethylphenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Bis(2-chloroethoxy)methane	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2,4-Dichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
1,2,4-Trichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Naphthalene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Chloroaniline	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Hexachlorobutadiene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
4-Chloro-3-methylphenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
2-Methylnaphthalene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Hexachlorocyclopentadiene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM

Approved By: **Date:**

Qualifiers:
- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
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- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Lab Order: U0504387
Project: Boone Park
Lab ID: U0504387-002

Client Sample ID: Comp 2
Collection Date: 4/21/05
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: **LD**
Benzo(g,h,i)perylene	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
(3+4)-Methylphenol	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
Bis(2-chloroisopropyl)ether	ND	350		µg/Kg-dry	1	4/26/05 2:20:00 PM
ASP/CLP TCL VOLATILE SOIL		**SW8260B**				Analyst: **RS**
Chloromethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Vinyl chloride	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Bromomethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Chloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Acetone	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,1-Dichloroethene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Carbon disulfide	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Methylene chloride	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
trans-1,2-Dichloroethene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,1-Dichloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
2-Butanone	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
cis-1,2-Dichloroethene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Chloroform	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,1,1-Trichloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Carbon tetrachloride	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Benzene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,2-Dichloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Trichloroethene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,2-Dichloropropane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Bromodichloromethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
4-Methyl-2-pentanone	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
cis-1,3 Dichloropropene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Toluene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
trans-1,3-Dichloropropene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
1,1,2-Trichloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
2-Hexanone	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Tetrachloroethene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Dibromochloromethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Chlorobenzene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Ethylbenzene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
m,p-Xylene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
o-Xylene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Styrene	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
Bromoform	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM

Approved By: Date:

Qualifiers:
- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 2
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-002
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE SOIL		**SW8260B**				Analyst: **RS**
1,1,2,2-Tetrachloroethane	ND	10		µg/Kg-dry	1	4/26/05 2:34:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **SL**
Percent Moisture	4.65	0.00100		wt%	1	4/26/05

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT:	Nature's Way (NWEC&C)	**Client Sample ID:**	Holding Blank
Lab Order:	U0504387	**Collection Date:**	4/25/05 8:55:00 AM
Project:	Boone Park		
Lab ID:	U0504387-003	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed

Approved By: **Date:**

Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant Value
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.
5034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

ASP-B

Client: NWEC+C, Inc
Client Project # / Project Name: Boone Park
Client Contact: Russ Savage
Phone #: (716) 937 6527
Site Location (city/state): Lackawanna, NY

Special Turnaround Time: RUSH HDD 4/29/05
Verbal Notification required

Sample Location: Buffalo Crushed Stone	Date	Time	Matrix	Grab or Comp	U. Internal Use Only U050/387	No of Containers	1) TCL VOC	2) TCL SVOC	3) PCBs	4) Pesticides	5) TAL Inorganics	6)	7)	8)	9)	10)	Remarks
Comp 1	4/21/05		Soil	Comp	-001	3	X	X	X	X	X			ms/msd			hold for verbal approval from NWEC+C, will call on 4/22/05 to notify if to proceed with analysis
Comp 2	4/21/05		Soil	Comp	-002	3	X	X	X	X	X						
(Holding Blank)	(4-25-05) 4/25/05	(0855)	(Water)	(Grab)	-003	1	(X)										

parameter and method	sample bottle: type	size	pres
1)			
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner

Sampled by (Please Print): Joe Neubauer
Company: NWEC+C, Inc

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☑ CC

Relinquished by (Signature)	Date	Time	Received by (Signature)
[signature]	4/22/05	1200	[signature]
[signature]	4/22/05	1700	

Relinquished by (Signature)	Date	Time	Rec'd for Lab by (Signature)
	4/25/05	1000	[signature]

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

SUBMITTAL

Submittal No. 18

CONTRACTOR: N.W.E.C.& C. Inc. Job #: C-0002 Site #: B00196-9

ADDRESS: 3553 Crittenden Road PROJECT: Boone Park Remediation

Crittenden, NY 14038 DATE: 1/28/05

PHONE/FAX: (716)937-6527 / (716) 937-9360

TYPE OF SUBMITTAL: DATE OF SUBMITTAL: 1/28/05

(Check One)

__x___ Product Data RESUBMITTAL: _____

_____ Shop Drawing

__X___ Other Topsoil substitution or equal

PRODUCT IDENTIFICATION:

Spec. Section No. 02205

Part/Paragraph Part 2 (2.1(B))

Contract Dwg. No. _____

Detail Ref. _____

Product Name Topsoil

Manufacturer B. Pariso

CONTRACTOR APPROVAL:

BY: [signature] Date: 1/28/05

COMMENTS:

_____

_____

_____

_____

SHOP DRAWING:

__X__ No Exceptions Taken

_____ Revise & Resubmit

_____ Rejected

BY: Roy Woodmansee Date: 3/14/05

CRITTENDEN
(716) 937-6527
SYRACUSE
(315) 635-9818

January 5, 2005

Mr. Woodmansee
C&S Engineers
499 Col. Eileen Collins Parkway
Syracuse, NY 13212

Re: Submittal for Off-Site Topsoil Source: Pariso - North America Drive
Boone Park Interim Remedial Measure
353 Germania Street
Submittal # 18

Dear Mr. Woodmansee;

This letter is to submit relevant information regarding the topsoil source proposed by NWEC&C, Inc. to be utilized at the Boone Park Site. We are submitting the attached data as a proposed substitution or equal to the contract specified topsoil characteristics. A sample of the material will be provided to the project engineer along with this data. The proposed material, a virgin topsoil, is to be obtained from a previously undeveloped site located at North America Dr., West Seneca, NY. Attached to this submittal is a letter certifying that the material is virgin and contaminant free, analytical results for full TCL analysis, and a sieve/hydrometer analysis for the topsoil.

As shown by the attached analysis, the topsoil meets all Contract Specifications. The analytical reports indicate that the zinc content was slightly above the NYSDEC TAGM Guidance Values, however, we do not believe that this reported zinc content affects the suitability of the topsoil for use on this Project.

Please review the attached information and contact me should you have any questions or comments.

Sincerely,

Jon Neubauer
Project Manager
NWEC&C, Inc.
(716) 937-6527
naturesw@rochester.rr.com

Adirondack Environmental Services, Inc

Date: *15-Sep-04*

CLIENT:	Natures Way	**Client Sample ID:**	Stockpiled Topsoil at North Ame
Lab Order:	040913001	**Collection Date:**	9/10/2004
Project:	Worlitzer		
Lab ID:	040913001-001	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES		**SW8081A**		**(CLP4_PEST)**		Analyst: **KF**
4,4'-DDD	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
4,4'-DDE	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
4,4'-DDT	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aldrin	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
alpha-BHC	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
beta-BHC	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Chlordane	< 230	230		µg/Kg-dry	1	9/13/2004 6:53:15 PM
delta-BHC	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Dieldrin	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endosulfan I	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endosulfan II	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endosulfan sulfate	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endrin	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endrin aldehyde	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Endrin ketone	< 4.5	4.5		µg/Kg-dry	1	9/13/2004 6:53:15 PM
gamma-BHC	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Heptachlor	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Heptachlor epoxide	< 2.3	2.3		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Methoxychlor	< 23	23		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Toxaphene	< 230	230		µg/Kg-dry	1	9/13/2004 6:53:15 PM
POLYCHLORINATED BIPHENYLS		**SW8082**		**(CLP4_PEST)**		Analyst: **KF**
Aroclor 1016	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1221	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1232	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1242	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1248	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1254	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
Aroclor 1260	< 45	45		µg/Kg-dry	1	9/13/2004 6:53:15 PM
CHLORINATED HERBICIDES		**SW8151A**				Analyst: **TN**
2,4-D	< 270	270		µg/Kg-dry	1	9/14/2004
Dicamba	< 270	270		µg/Kg-dry	1	9/14/2004
Dinoseb	< 270	270		µg/Kg-dry	1	9/14/2004
2,4,5-T	< 270	270		µg/Kg-dry	1	9/14/2004
2,4,5-TP (Silvex)	< 270	270		µg/Kg-dry	1	9/14/2004
ICP METALS		**SW6010B**		**(SW3050A)**		Analyst: **SM**
Antimony	< 16.2	16.2		µg/g-dry	1	9/14/2004 10:27:00 AM
Arsenic	< 1.35	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Beryllium	< 1.35	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Cadmium	< 1.35	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Sep-04*

CLIENT:	Natures Way	**Client Sample ID:**	Stockpiled Topsoil at North Anne
Lab Order:	040913001	**Collection Date:**	9/10/2004
Project:	Worlitzer		
Lab ID:	040913001-001	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS		**SW6010B**		**(SW3050A)**		Analyst: **SM**
Chromium	17.6	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Copper	17.4	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Lead	8.97	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Nickel	< 13.5	13.5		µg/g-dry	1	9/14/2004 10:27:00 AM
Selenium	< 1.35	1.35		µg/g-dry	1	9/14/2004 10:27:00 AM
Silver	< 5.41	5.41		µg/g-dry	1	9/14/2004 10:27:00 AM
Thallium	< 2.70	2.70		µg/g-dry	1	9/14/2004 10:27:00 AM
Zinc	87.5	2.70		µg/g-dry	1	9/14/2004 10:27:00 AM
MERCURY		**SW7471A**		**(SW7471A)**		Analyst: **KH**
Mercury	< 0.270	0.270		µg/g-dry	1	9/14/2004
SEMI VOLATILE ORGANICS		**SW8270C**		**(SW3550B)**		Analyst: **MT**
Phenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Bis(2-chloroethyl)ether	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Chlorophenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
1,3-Dichlorobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
1,4-Dichlorobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
1,2-Dichlorobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Methylphenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Bis(2-chloroisopropyl)ether	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Methylphenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
N-Nitrosodi-n-propylamine	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Hexachloroethane	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Nitrobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Isophorone	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Nitrophenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4-Dimethylphenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Bis(2-chloroethoxy)methane	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4-Dichlorophenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
1,2,4-Trichlorobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Naphthalene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Chloroaniline	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Hexachlorobutadiene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Chloro-3-methylphenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Methylnaphthalene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Hexachlorocyclopentadiene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4,6-Trichlorophenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4,5-Trichlorophenol	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Chloronaphthalene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2-Nitroaniline	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Dimethyl phthalate	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Sep-04*

CLIENT:	Natures Way	**Client Sample ID:**	Stockpiled Topsoil at North Ame
Lab Order:	040913001	**Collection Date:**	9/10/2004
Project:	Worlitzer		
Lab ID:	040913001-001	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMI VOLATILE ORGANICS		**SW8270C**		**(SW3550B)**		Analyst: MT
Acenaphthylene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,6-Dinitrotoluene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
3-Nitroaniline	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Acenaphthene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4-Dinitrophenol	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Nitrophenol	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Dibenzofuran	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
2,4-Dinitrotoluene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Diethyl phthalate	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Chlorophenyl phenyl ether	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Fluorene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Nitroaniline	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4,6-Dinitro-2-methylphenol	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
N-Nitrosodiphenylamine	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
4-Bromophenyl phenyl ether	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Hexachlorobenzene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Pentachlorophenol	< 2300	2300		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Phenanthrene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Anthracene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Carbazole	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Di-n-butyl phthalate	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Fluoranthene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Pyrene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Butyl benzyl phthalate	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
3,3'-Dichlorobenzidine	< 890	890		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Benz(a)anthracene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Chrysene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Bis(2-ethylhexyl)phthalate	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Di-n-octyl phthalate	530	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Benzo(b)fluoranthene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Benzo(k)fluoranthene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Benzo(a)pyrene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Indeno(1,2,3-cd)pyrene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Dibenz(a,h)anthracene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
Benzo(g,h,i)perylene	< 450	450		µg/Kg-dry	1	9/15/2004 1:15:00 PM
VOLATILE ORGANICS		**SW8260B**				Analyst: ML
Chloromethane	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Bromomethane	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Vinyl chloride	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Chloroethane	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *15-Sep-04*

CLIENT:	Natures Way	**Client Sample ID:**	Stockpiled Topsoil at North Ame
Lab Order:	040913001	**Collection Date:**	9/10/2004
Project:	Worlitzer		
Lab ID:	040913001-001	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS		**SW8260B**				Analyst: **ML**
Methylene chloride	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Acetone	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Carbon disulfide	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,1-Dichloroethene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,1-Dichloroethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
trans-1,2-Dichloroethene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
cis-1,2-Dichloroethene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Chloroform	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,2-Dichloroethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
2-Butanone	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,1,1-Trichloroethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Carbon tetrachloride	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Bromodichloromethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,2-Dichloropropane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
cis-1,3-Dichloropropene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Trichloroethene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Dibromochloromethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,1,2-Trichloroethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Benzene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
trans-1,3-Dichloropropene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Bromoform	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
4-Methyl-2-pentanone	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
2-Hexanone	< 14	14		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Tetrachloroethene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
1,1,2,2-Tetrachloroethane	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Toluene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Chlorobenzene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Ethylbenzene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
Styrene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
m,p-Xylene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
o-Xylene	< 7	7		µg/Kg-dry	1	9/13/2004 11:54:00 AM
PH		**SW9045B**				Analyst: **LS**
pH	7.6	1.0		pH Units	1	9/14/2004
PERCENT MOISTURE		**D2216**				Analyst: **KF**
Percent Moisture	26	1.0		wt%	1	9/13/2004

Qualifiers:

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E - Value above quantitation range

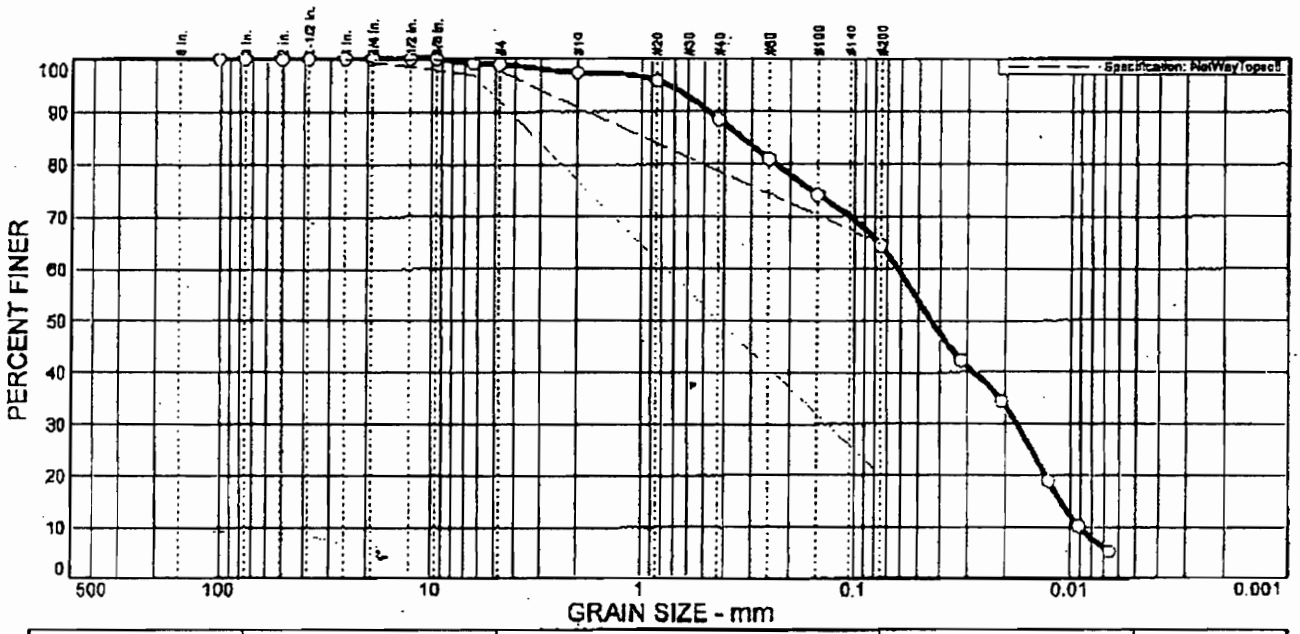
a member of the GLYNN GROUP

GRAIN SIZE ANALYSIS
ASTM D-422

Project: Various Testing **Project No.:** 04-1153

Client: Natures Way

Sample No: 04-02 **Source of Sample:** **Date:** 09.17.04
Location: Pariso - North American Drive **Elev./Depth:** Stockpile



% + 3"	% GRAVEL	% SAND	% SILT	% CLAY
0.0	1.1	34.4	64.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
4 in.	100.0		
3 in.	100.0		
2 in.	100.0		
1-1/2 in.	100.0		
1 in.	100.0	100 - 100	
3/4 in.	100.0		
1/2 in.	100.0		
3/8 in.	100.0		
1/4 in.	99.1	97 - 100	
#4	98.9		
#10	97.4		
#20	95.9		
#40	88.5		
#60	81.0		
#100	74.2		
#200	64.5	20 - 65	

* NatWayTopsoil

Soil Description

Sandy silt

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 0.331 D_{60}= 0.0624 D_{50}= 0.0439
D_{30}= 0.0177 D_{15}= 0.0112 D_{10}= 0.0091
C_u= 6.84 C_c= 0.55

Classification

USCS= ML AASHTO=

Remarks

Natural Moisture Content 42.1%
Organic Content 11.1%

Civil • Structural • Geotechnical • Materials Testing • Consulting

GLYNN GEOTECHNICAL ENGINEERING
415 South Transit Street, Lockport, New York 14094
voice 716.625.6933 / fax 716.625.6983
www.glynngroup.com

Reported/Reviewed by

Carmen M. Pariso, Inc.
716 875 6168 Phone
716 875 2502 FAX
E Mail: tpariso@parisotrucking.com

FACSIMILE COVER PAGE

To: Russ Savage	From: Tony
Fax #: 937 9360	Fax #: 716 875 2502
Company: Nature's Way	Tel #: 716 875 6168
Subject: Topsoil	
Sent: 9/20/2004 at 4:41:30 PM	Pages: 1 (including cover)

Dear Russ,

This is to certify that the topsoil located at the end of North American Drive in West Seneca, NY is virgin and non-contaminated, to the best of our knowledge. It came from an undeveloped job site.

Sincerely,

Tony Pariso

Tony Pariso

SUBMITTAL

Submittal No. 17

CONTRACTOR: N.W.E.C.& C. Inc. Job #: C-0002 Site #:B00196-9

ADDRESS: 3553 Crittenden Road PROJECT: Boone Park Remediation

Crittenden, NY 14038 DATE: _____

PHONE/FAX: (716)937-6527 / (716) 937-9360

TYPE OF SUBMITTAL: DATE OF SUBMITTAL: 4/27/05
(Check One)

_____ Product Data RESUBMITTAL: _____

_____ Shop Drawing

__X__ Other Granular Material Backfill-Buffalo Crushed Stone(Zoladz)

PRODUCT IDENTIFICATION:

Spec. Section No. _____

Part/Paragraph _____

Contract Dwg. No. _____

Detail Ref. _____

Product Name _____

Manufacturer _____

CONTRACTOR APPROVAL

BY: _____ Date: 4/27/2005

APPROVED
X APPROVED AS NOTED
REJECTED
REVISE AND RESUBMIT
SUBMIT SPECIFIED ITEM

...checking is only for general conformance with the design ...concept of the project and general compliance with the ...information given in the contract documents. Any action ...shown is subject to the requirements of the plans and ...specifications. Contractor is responsible for: dimensions ...which shall be confirmed and correlated at the job site; ...fabrication processes and techniques of construction; ...coordination of his work with that of all other trades; and ...the satisfactory performance of his work.

C&S Engineers, Inc.

By: 4/28/05 By RW

BY: _____

COMMENTS:

Approved pending submittal of Standard Proctor Test results and compaction curve for materials. RW

SHOP DRAWING:

_____ No Exceptions Taken

_____ Revise & Resubmit

_____ Rejected

Date: ___/___/___

05-003

GGE

a member of the GLYNN GROUP

LETTER OF TRANSMITTAL

TO:	DATE: April 22, 2005
Nature's Way Environmental Consultants & Contractors, Inc. 3553 Crittenden Road Crittenden, New York 14038	ATTENTION: Mr. Dale Gramza Materials Testing GGE PROJECT NO: 05-1057

WE ARE SENDING ATTACHED:

[X] LABORATORY TEST DATA [ ] FIELD REPORT [ ] REPORT

[ ] ENGINEERING DRAWINGS [ ] _____

COPIES	DATE	REPORT NO.	DESCRIPTION
1	04/22/05	05-01, 05-02	Grain Size & NMC

THESE ARE BEING SENT:

[X] FOR YOUR USE [ ] PER YOUR REQUEST [ ] _____

SINCERELY,

April Booth
Office/Systems Administrator

DISTRIBUTION

USPS/04.22.05

Civil • Structural • Geotechnical • Materials Testing • Consulting

GLYNN GEOTECHNICAL ENGINEERING

415 South Transit Street, Lockport, New York 14094
voice 716.625.6933 / fax 716.625.6983
www.glynngroup.com

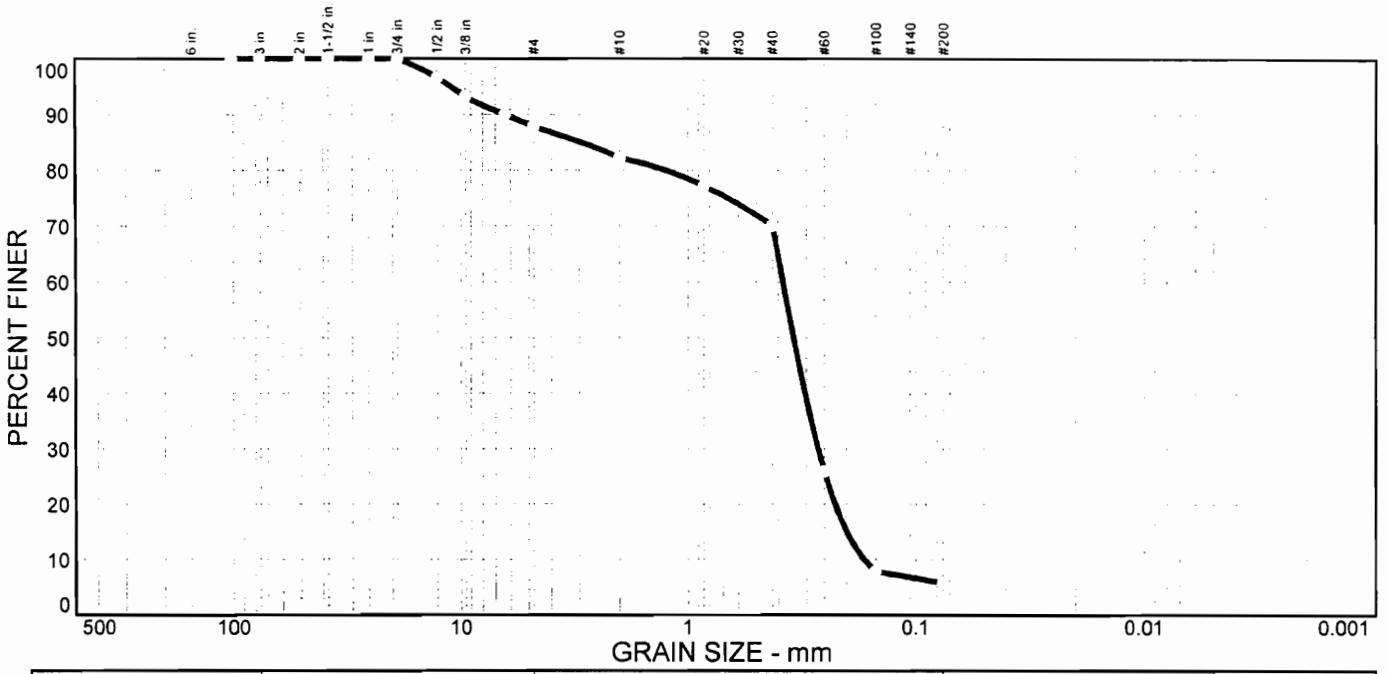
a member of the GLYNN GROUP

GRAIN SIZE ANALYSIS
ASTM D-422

Project: Various Testing **Project No.:** 05-1057

Client: Natures Way Environmental Consultants and Contractors, Inc.

Sample No: 05-02 **Source of Sample:** **Date:** 04.22.05
Location: Buffalo Cushed Stone/Boone Farm Backfill - Sample 2 **Elev./Depth:** Unknown



% + 3"	% GRAVEL	% SAND	% SILT	% CLAY
0.0	12.1	82.1	5.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
4 in.	100.0		
3 in.	100.0		
2 in.	100.0		
1-1/2 in.	100.0		
1 in.	100.0		
3/4 in.	100.0		
1/2 in.	96.6		
3/8 in.	93.2		
1/4 in.	90.0		
#4	87.9		
#10	82.2		
#20	77.2		
#40	70.1		
#60	25.9		
#100	7.9		
#200	5.8		

* (no specification provided)

Soil Description

Poorly graded sand with silt

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 2.93 D_{60}= 0.381 D_{50}= 0.342
D_{30}= 0.266 D_{15}= 0.199 D_{10}= 0.168
C_u= 2.27 C_c= 1.11

Classification

USCS= SP-SM AASHTO=

Remarks

Natural Moisture Content 5.9 %

GLYNN GEOTECHNICAL ENGINEERING
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Reported/Reviewed by

Civil • Structural • Geotechnical • Materials Testing • Consulting

GGC
a member of the GLYNN GROUP

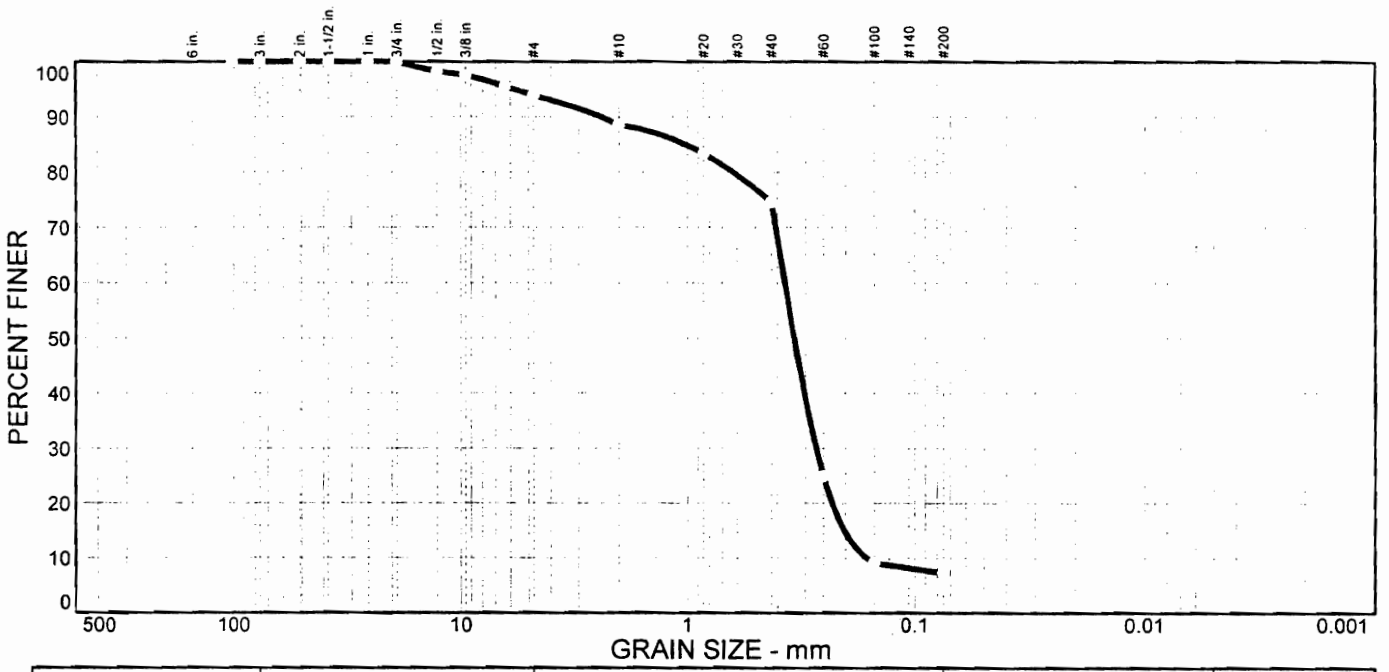
GRAIN SIZE ANALYSIS
ASTM D-422

Civil • Structural • Geotechnical • Materials Testing • Consulting

Project: Various Testing **Project No.:** 05-1057

Client: Natures Way Environmental Consultants and Contractors, Inc.

Sample No: 05-01 **Source of Sample:** **Date:** 04.22.05
Location: Buffalo Crushed Stone/Boone Farm Backfill - Sample 1 **Elev./Depth:** Unknown



% + 3"	% GRAVEL	% SAND	% SILT	% CLAY
0.0	6.1	86.6	7.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
4 in.	100.0		
3 in.	100.0		
2 in.	100.0		
1-1/2 in.	100.0		
1 in.	100.0		
3/4 in.	100.0		
1/2 in.	98.3		
3/8 in.	97.5		
1/4 in.	95.5		
#4	93.9		
#10	88.5		
#20	83.4		
#40	74.6		
#60	24.9		
#100	9.1		
#200	7.3		

* (no specification provided)

Soil Description

Poorly graded sand with silt

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 1.02 D_{60}= 0.371 D_{50}= 0.337
D_{30}= 0.269 D_{15}= 0.203 D_{10}= 0.162
C_u= 2.29 C_c= 1.21

Classification

USCS= SP-SM AASHTO=

Remarks

Natural Moisture Content 5.9 %

GLYNN GEOTECHNICAL ENGINEERING
415 South Transit Street, Lockport, New York 14094
voice 716.625.6933 / fax 716.625.6983
www.glynngroup.com

Reported/Reviewed by:

Upstate Laboratories, Inc.
Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 289 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 649-2533
Rochester (585) 436-9070 * New Jersey (201) 343-5353 * South Carolina (864) 878-3280

Mr. Russ Savage
Nature's Way (NWEC&C)
3553 Crittenden Rd.
Crittenden, NY 14038

Tuesday, April 26, 2005

RE: Boone Park

Order No.: U0504387

Dear Mr. Russ Savage:

Upstate Laboratories, Inc. received 3 sample(s) on 4/25/05 for the analyses presented in the following report.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

AJS

Authony J. Scala
President/CEO

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Lab Order: U0504387
Project: Boone Park
Lab ID: U0504387-001

Client Sample ID: Comp 1
Collection Date: 4/21/05
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP PEST/PCB IN SOLIDS		**SW8081A**		**(SW3550)**		Analyst: **BW**
4,4'-DDD	ND	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDE	9.5	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDT	4.6	3.5		µg/Kg-dry	1	4/25/05
Aldrin	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Aroclor 1016	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1221	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1232	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1242	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1248	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1254	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1260	ND	35		µg/Kg-dry	1	4/25/05
beta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
delta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
Dieldrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan I	ND	1.8		µg/Kg-dry	1	4/25/05
Endosulfan II	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan sulfate	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin aldehyde	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin ketone	ND	3.5		µg/Kg-dry	1	4/25/05
gamma-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
gamma-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor epoxide	ND	1.8		µg/Kg-dry	1	4/25/05
Methoxychlor	ND	18		µg/Kg-dry	1	4/25/05
Toxaphene	ND	180		µg/Kg-dry	1	4/25/05
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Aluminum	1260	21.1		mg/Kg-dry	1	4/26/05 8:33:56 AM
Antimony	ND	3.16		mg/Kg-dry	1	4/26/05 8:33:56 AM
Arsenic	ND	2.11	B	mg/Kg-dry	1	4/26/05 8:33:56 AM
Barium	36.4	10.5		mg/Kg-dry	1	4/26/05 8:33:56 AM
Beryllium	ND	0.633		mg/Kg-dry	1	4/26/05 8:33:56 AM
Cadmium	ND	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Calcium	618	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Chromium	2.54	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Cobalt	ND	4.22		mg/Kg-dry	1	4/26/05 8:33:56 AM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Client Sample ID: Comp 1
Lab Order: U0504387
Collection Date: 4/21/05
Project: Boone Park
Lab ID: U0504387-001
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Copper	7.20	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Iron	3570	12.7		mg/Kg-dry	1	4/26/05 8:33:56 AM
Lead	ND	0.633	B	mg/Kg-dry	1	4/26/05 8:33:56 AM
Magnesium	504	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Manganese	184	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Nickel	ND	6.33		mg/Kg-dry	1	4/26/05 8:33:56 AM
Potassium	ND	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Selenium	ND	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Silver	ND	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Sodium	ND	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Thallium	ND	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
Vanadium	ND	6.33		mg/Kg-dry	1	4/26/05 8:33:56 AM
Zinc	26.5	2.11		mg/Kg-dry	1	4/26/05 8:33:56 AM
TOTAL MERCURY - SOIL/SOLID/WASTE		**SW7471A**		**(SW7471A)**		Analyst: **AB**
Mercury	ND	0.105		mg/Kg-dry	1	4/26/05 4:02:35 PM
TCL-SEMIVOLATILE ORGANICS		**SW8270C**		**(SW3550A)**		Analyst: **LD**
Phenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-chloroethyl)ether	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Chlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,3-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,4-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,2-Dichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Methylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
N-Nitrosodi-n-propylamine	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachloroethane	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Nitrobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Isophorone	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Nitrophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dimethylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Bis(2-chloroethoxy)methane	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2,4-Dichlorophenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
1,2,4-Trichlorobenzene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Naphthalene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Chloroaniline	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachlorobutadiene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
4-Chloro-3-methylphenol	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
2-Methylnaphthalene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM
Hexachlorocyclopentadiene	ND	350		µg/Kg-dry	1	4/26/05 12:09:00 PM

Approved By: **Date:**

Qualifiers:
- `*` Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- `**` Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *26-Apr-05*

CLIENT: Nature's Way (NWEC&C)
Lab Order: U0504387
Project: Boone Park
Lab ID: U0504387-001

Client Sample ID: Comp 1
Collection Date: 4/21/05
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP PEST/PCB IN SOLIDS		**SW8081A**		**(SW3550)**		Analyst: **BW**
4,4'-DDD	ND	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDE	9.5	3.5		µg/Kg-dry	1	4/25/05
4,4'-DDT	4.6	3.5		µg/Kg-dry	1	4/25/05
Aldrin	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
alpha-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Aroclor 1016	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1221	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1232	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1242	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1248	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1254	ND	35		µg/Kg-dry	1	4/25/05
Aroclor 1260	ND	35		µg/Kg-dry	1	4/25/05
beta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
delta-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
Dieldrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan I	ND	1.8		µg/Kg-dry	1	4/25/05
Endosulfan II	ND	3.5		µg/Kg-dry	1	4/25/05
Endosulfan sulfate	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin aldehyde	ND	3.5		µg/Kg-dry	1	4/25/05
Endrin ketone	ND	3.5		µg/Kg-dry	1	4/25/05
gamma-BHC	ND	1.8		µg/Kg-dry	1	4/25/05
gamma-Chlordane	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor	ND	1.8		µg/Kg-dry	1	4/25/05
Heptachlor epoxide	ND	1.8		µg/Kg-dry	1	4/25/05
Methoxychlor	ND	18		µg/Kg-dry	1	4/25/05
Toxaphene	ND	180		µg/Kg-dry	1	4/25/05
ICP METALS, TOTAL ASP		**SW6010B**		**(SW3050A)**		Analyst: **AB**
Aluminum	1260	21.1		mg/Kg-dry	1	4/26/05 8:33:56 AM
Antimony	ND	3.16		mg/Kg-dry	1	4/26/05 8:33:56 AM
Arsenic	ND	2.11	B	mg/Kg-dry	1	4/26/05 8:33:56 AM
Barium	36.4	10.5		mg/Kg-dry	1	4/26/05 8:33:56 AM
Beryllium	ND	0.633		mg/Kg-dry	1	4/26/05 8:33:56 AM
Cadmium	ND	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Calcium	618	211		mg/Kg-dry	1	4/26/05 8:33:56 AM
Chromium	2.54	1.05		mg/Kg-dry	1	4/26/05 8:33:56 AM
Cobalt	ND	4.22		mg/Kg-dry	1	4/26/05 8:33:56 AM

Approved By: **Date:**

Qualifiers:
- * Low Level
- ** Value exceeds Maximum Contaminant Value
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.
Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
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Rochester (585) 436-9070 * New Jersey (201) 343-5353 * South Carolina (864) 878-3280

Mr. Russ Savage
Nature's Way (NWEC&C)
3553 Crittenden Rd.
Crittenden, NY 14038

Tuesday, April 26, 2005

RE: Boone Park

Order No.: U0504387

Dear Mr. Russ Savage:

Upstate Laboratories, Inc. received 3 sample(s) on 4/25/05 for the analyses presented in the following report.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

AJS

Authony J. Scala
President/CEO

APPENDIX E

PROJECT COST DOCUMENTS

BID REPORT SHEET

Project:	Designer:	Number of Work Days:
Boone Park IRM	**C&S Engineers**	**90**
Scope of Work:	Designer's Estimate:	Anticipated Project Start:
Remove Arsenic Impacted Soils	**$600,000.00**	**January 21, 2005**
Funding Source:	Bid Opening Date:	Anticipated Substantial Completion:
36030306	**December 8, 2004**	**April 21, 2001**

Bidders Name	Base Bid	Alt. #1	Alt. #2	Alt. #3	Alt. #4	Total
Nature's Way Environmental	$ 483,835.00	-	-	-	-	$ 483,835.00
The Environmental Service Group	$ 489,997.50	-	-	-	-	$ 489,997.50
SLC Environmental Services	$ 708,868.29	-	-	-	-	$ 708,868.29
Op-Tech	$ 802,842.78	-	-	-	-	$ 802,842.78
Clean Harbors	No Bid	-	-	-	-	No Bid
Buffalo Environmental	No Bid	-	-	-	-	No Bid
Paragon Environmental	No Bid	-	-	-	-	No Bid
Gleason's Nursery	No Bid	-	-	-	-	No Bid
Scott Lawn Yard	No Bid	-	-	-	-	No Bid

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

3553 Crittenden Road
Crittenden, NY 14038

PHONE (716) 937-6527
FAX (716) 937-9360

INVOICE FOR SERVICES RENDERED

INVOICE NUMBER:

05-003-01

DATE:

April 8, 2005

BILL TO:

City of Buffalo
Dept. of Public Works, Parks & Streets
502 City Hall
Buffalo, NY 14202

P.O./JOBSITE:

Boone Park
Interim Remedial Measure
Job No. C-0002
Site No. B00196-9

SERVICE TYPE:

Remediation

SERVICE DATE:

03/21 -04/01/05

CHARGES FOR SERVICES RENDERED:	$ 67,180.00
SALES TAX: EX - Tax Exempt Project	$ -
TOTAL:	$ 67,180.00
LESS 5% RETAINAGE:	$ 3,359.00
BALANCE DUE:	**$ 63,821.00**

THANK YOU! WE APPRECIATE YOUR BUSINESS!

TERMS:

Net 30 days. 1.5% per month late charge for payments not received within 30 days of Invoice Date.

PLEASE REMIT PAYMENT TO:

NWEC&C, INC.
P.O. BOX 160
CRITTENDEN, NY 14038

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

3553 Crittenden Road
Crittenden, NY 14038

PHONE (716) 937-6527
FAX (716) 937-9360

INVOICE FOR SERVICES RENDERED

INVOICE NUMBER:
05-003-02

DATE:
May 31, 2005

BILL TO:
City of Buffalo
Dept. of Public Works, Parks & Streets
502 City Hall
Buffalo, NY 14202

P.O./JOBSITE:
Boone Park
Interim Remedial Measure
Job No. C-0002
Site No. B00196-9

SERVICE TYPE:
Remediation

SERVICE DATE:
04/01-06/03/05

CHARGES FOR SERVICES RENDERED:	$ 425,815.79
SALES TAX: EX - Tax Exempt Project	$ -
TOTAL:	$ 425,815.79
LESS 5% RETAINAGE:	$ 21,290.79
BALANCE DUE:	**$ 404,525.00**

THANK YOU! WE APPRECIATE YOUR BUSINESS!

TERMS:

Net 30 days. 1.5% per month late charge for payments not received within 30 days of Invoice Date.

PLEASE REMIT PAYMENT TO:

NWEC&C, INC.
P.O. BOX 160
CRITTENDEN, NY 14038

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

3553 Crittenden Road
Crittenden, NY 14038

PHONE (716) 937-6527
FAX: (716) 937-9360

ITEMIZATION OF CHARGES

INVOICE NUMBER:
05-003-02

DATE:
May 31, 2005

SERVICE DATE:
04/01-06/03/05

ITEM NO.:	DESCRIPTION:	% To Date		QTY.	UNIT	UNIT BID PRICE	TOTAL	THIS BILLING % COMPLETE
Item No. 01	Mobilization & Demobilization		NT	1	EA	$ 53,900.00	$ 53,900.00	$ -
Item No. 02	Site Clearing and Demolition		NT	1	EA	$ 19,450.00	$ 19,450.00	$ -
Item No. 03	Disposal of C&D Materials		NT	20	TONS	$ 60.00	$ 1,200.00	$ -
Item No. 04	Exc. & Disp. of Non-Haz Soil	100%	NT	5498.6	CY	$ 58.90	$ 323,867.54	$ 323,867.54
Item No. 05	Disp. Of Haz. Waste Soils		NT	300	TONS	$ 139.00	$ 41,700.00	$ -
Item No. 06	Soil Waste Char.Samp.&An.		NT	8	SAMP	$ 1,100.00	$ 8,800.00	$ -
Item No. 07	Air Quality Monitoring	75%	NT	30	DAY	$ 350.00	$ 10,500.00	$ 7,875.00
Item No. 08	Chain Link Fence		NT	300	FT	$ 33.33	$ 10,000.00	$ -
Item No. 09	Topsoil and Seeding	75%	NT	2.75	ACRE	$ 22,100.00	$ 60,775.00	$ 45,581.25
Item No. 10	Baseball Field Reno.	90%	NT	1	EA	$ 53,880.00	$ 53,880.00	$ 48,492.00
Item No. 11	Tree Planting		NT	19	EA	$ 300.00	$ 5,700.00	$ -
						CONTRACT BID SUBTOTAL:	**$ 589,772.54**	**$ 425,815.79**

INVOICE SUBTOTAL: **$ 425,815.79**

SALES TAX: $ -
EX - Tax Exempt Project

LESS 5% RETAINAGE: $ 21,290.79

TOTAL AMOUNT DUE THIS INVOICE: **$ 404,525.00**

CERTIFICATION BY CONTRACTOR

I, RUSSEL J. SAVAGE do hereby certify that I am PRESIDENT of the Company/ Corporation herein referenced and contractor for the work described in the foregoing application for payment. According to my knowledge and belief all items and amounts shown on the face of this application for payment are correct, all work has been performed and/or materials supplied, the foregoing is a true and correct statement of the contract amount up to and including the last day of the period covered by the application.

Date _____ Signature _____

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SYRACUSE
(315) 635-9818

June 06, 2005

Mr. Rory Woodmansee, P.E.
C&S Engineers Inc..

Re: City Of Buffalo
Boone Park Interim Remedial Measure
Job No. C-0002, Site No. B00196-9

Calculation Of Waste Soils Volume - Item No. 4

Dear Rory:

This letter is to provide documentation of calculation of total volume of Non-hazardous waste soils removed during work performed under the above referenced Job Contract. Total Volume for this Item was calculated as follows:

	5146.6 Cubic Yards =	Surveyed Volume <u>excluding:</u> (new) basketball court area; 6" crown in strip between curb & sidewalk along Germania St.; Tree stump volume. as per attached stamped Report by Michael Matesic, Licensed Land Surveyor.
+	270.0 Cubic Yards =	Agreed/measured volume of new basketball court area which could not be surveyed, since it was immediately backfilled with stone to form a loading pad/decon pad to perform the work.
+	44.0 Cubic Yards =	Calculated (calculations shown below) Volume of 6" crown between curb & sidewalk along Germania St.
+	38.0 Cubic Yards =	Estimated volume of tree stumps removed (19 trees at 2 yds each), not included in survey volume.
=	5498.6 Total Cubic Yards Removed	

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

CRITTENDEN
(716) 937-6527
SYRACUSE
(315) 635-9818

June 06, 2005

Mr. Rory Woodmansee, P.E.
C&S Engineers Inc..

Calculated Volume of 6" crown between curb & sidewalk along Germania St.:

Calculated based on area/volume of a triangle
(the actual arc would have more volume than a triangle, however we have used a triangle for ease of calculation and to be conservative in calculating the volume of this crown)

Length of strip: 380'
Width Of strip: 12.5'
Height of Triangle: 0.5'
Width of Triangle: 6.25'

Area of triangle = ½B X H =
0.5 X 6.25' X .5' = 1.5625 sq. ft.

Doubling of triangle area(to account for both halves of crown) =

1.5625 X 2 = 3.125 sq. ft.

Volume of Crown (Multiplying area of crown by length of strip):

3.125 sq. ft. X 380' l = 1187.5 cu. ft./27 = 43.98 cubic yards

The attached billing is based on the above total quantity for Item #4. The Surveys and volume calculations Stamped originals) have been provided as a submittal.

Please review the above and call should you have any questions or concerns, or require additional information.

Sincerely,

Russel J. Savage, Pres.
NWEC&C Inc.

APPENDIX F

WASTE TRANSPORT MANIFESTS
(under separate cover)

APPENDIX G

COMMUNITY AIR MONITORING

SUMMARY REPORTS

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park06-04-
Start:	14:46:18 4/6/2005
End:	16:10:18 4/6/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	3.68 mg/m3	(At 14:53:42 on 4/6/2005)
Min:	0 mg/m3	(At 14:46:18 on 4/6/2005)
Average:	0.032 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park06-04-
Start:	14:49:40 4/6/2005
End:	16:19:40 4/6/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.002 mg/m3	(At 15:02:29 on 4/6/2005)
Min:	0.001 mg/m3	(At 14:49:40 on 4/6/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park06-04-
Start:	14:12:06 4/6/2005
End:	16:09:06 4/6/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.448 mg/m3	(At 14:29:17 on 4/6/2005)
Min:	0 mg/m3	(At 14:15:06 on 4/6/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	09:14:25 4/7/2005
End:	13:44:25 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	2.087 mg/m3	(At 13:44:35 on 4/7/2005)
Min:	-0.001 mg/m3	(At 11:17:25 on 4/7/2005)
Average:	0.056 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	09:28:24 4/7/2005
End:	13:46:24 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.549 mg/m3	(At 13:47:38 on 4/7/2005)
Min:	0 mg/m3	(At 09:28:24 on 4/7/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	09:23:17 4/7/2005
End:	09:38:17 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	7.129 mg/m3	(At 09:26:31 on 4/7/2005)
Min:	1.046 mg/m3	(At 09:23:17 on 4/7/2005)
Average:	2.565 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	10:09:52 4/7/2005
End:	10:27:52 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	3.385 mg/m3	(At 10:29:44 on 4/7/2005)
Min:	0 mg/m3	(At 10:09:52 on 4/7/2005)
Average:	0.037 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	10:36:16 4/7/2005
End:	10:45:16 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	5.266 mg/m3	(At 10:42:04 on 4/7/2005)
Min:	0 mg/m3	(At 10:36:16 on 4/7/2005)
Average:	1.689 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	11:07:33 4/7/2005
End:	12:49:33 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	3.45 mg/m3	(At 12:50:29 on 4/7/2005)
Min:	0 mg/m3	(At 12:46:33 on 4/7/2005)
Average:	0.037 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park07-04-
Start:	12:53:50 4/7/2005
End:	13:53:50 4/7/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	5.337 mg/m3	(At 13:54:48 on 4/7/2005)
Min:	0.002 mg/m3	(At 13:23:50 on 4/7/2005)
Average:	0.088 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 11-04-2005-
Start:	08:31:42 4/11/2005
End:	09:58:42 4/11/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	3.373 mg/m3	(At 08:41:57 on 4/11/2005)
Min:	-0.001 mg/m3	(At 08:46:42 on 4/11/2005)
Average:	0.005 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 11-04-2005-
Start:		10:05:31 4/11/2005
End:		13:41:31 4/11/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 10:37:38 on 4/11/2005)
Min:	0 mg/m3	(At 10:05:31 on 4/11/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 11-04-2005-
Start:	13:55:29 4/11/2005
End:	15:49:29 4/11/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	2.24 mg/m3	(At 13:58:30 on 4/11/2005)
Min:	0 mg/m3	(At 13:55:29 on 4/11/2005)
Average:	0.035 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 11-04-2005-
Start:	07:58:27 4/11/2005
End:	13:19:27 4/11/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.05 mg/m3	(At 09:51:44 on 4/11/2005)
Min:	0.001 mg/m3	(At 12:10:27 on 4/11/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 11-04-2005-
Start:	13:33:24 4/11/2005
End:	15:27:24 4/11/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.004 mg/m3	(At 13:30:39 on 4/11/2005)
Min:	0.002 mg/m3	(At 14:24:24 on 4/11/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 12-04-2005-
Start:	07:28:03 4/12/2005
End:	10:25:03 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.561 mg/m3	(At 07:27:20 on 4/12/2005)
Min:	0 mg/m3	(At 08:25:03 on 4/12/2005)
Average:	0.004 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 12-04-2005-
Start:	11:55:25 4/12/2005
End:	15:37:25 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 13:32:34 on 4/12/2005)
Min:	-0.001 mg/m3	(At 12:55:25 on 4/12/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park12-04-
Start:	07:48:18 4/12/2005
End:	08:32:37 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.301 mg/m3	(At 08:15:15 on 4/12/2005)
Min:	0 mg/m3	(At 07:48:19 on 4/12/2005)
Average:	0.112 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park12-04-
Start:	09:08:53 4/12/2005
End:	12:44:25 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.011 mg/m3	(At 09:08:58 on 4/12/2005)
Min:	0 mg/m3	(At 09:08:53 on 4/12/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 12-04-2005-
Start:	08:05:23 4/12/2005
End:	08:05:23 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.698 mg/m3	(At 08:04:26 on 4/12/2005)
Min:	0.378 mg/m3	(At 08:05:23 on 4/12/2005)
Average:	0.378 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 12-04-2005-
Start:	08:10:54 4/12/2005
End:	12:34:54 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.658 mg/m3	(At 08:44:09 on 4/12/2005)
Min:	-0.001 mg/m3	(At 10:34:54 on 4/12/2005)
Average:	0.004 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 12-04-2005-
Start:	13:35:17 4/12/2005
End:	15:59:17 4/12/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 15:10:35 on 4/12/2005)
Min:	0 mg/m3	(At 13:35:17 on 4/12/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 13-04-2005-
Start:	07:24:13 4/13/2005
End:	12:36:13 4/13/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.256 mg/m3	(At 07:51:28 on 4/13/2005)
Min:	0 mg/m3	(At 07:24:13 on 4/13/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC 13-04-2005-
Start:	12:41:36 4/13/2005
End:	15:29:36 4/13/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.55 mg/m3	(At 14:50:16 on 4/13/2005)
Min:	0 mg/m3	(At 12:41:36 on 4/13/2005)
Average:	0.01 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA 13-04-2005-
Start:	08:25:52 4/13/2005
End:	15:46:52 4/13/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.595 mg/m3	(At 13:02:48 on 4/13/2005)
Min:	0 mg/m3	(At 08:25:52 on 4/13/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB14-04-2005-(
Start:	08:06:41 4/14/2005
End:	08:07:19 4/14/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 08:06:45 on 4/14/2005)
Min:	0 mg/m3	(At 08:06:41 on 4/14/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC14-04-2005-(
Start:	08:45:24 4/14/2005
End:	15:45:24 4/14/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.24 mg/m3	(At 09:55:31 on 4/14/2005)
Min:	0 mg/m3	(At 12:57:24 on 4/14/2005)
Average:	0.004 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA14-04-2005-(
Start:	07:34:30 4/14/2005
End:	15:49:30 4/14/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.61 mg/m3	(At 08:52:58 on 4/14/2005)
Min:	0 mg/m3	(At 07:34:30 on 4/14/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB14-04-2005-(
Start:		08:11:11 4/14/2005
End:		11:29:11 4/14/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 08:57:32 on 4/14/2005)
Min:	0 mg/m3	(At 08:11:11 on 4/14/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB14-04-2005-(
Start:		11:36:10 4/14/2005
End:		15:42:10 4/14/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 15:24:58 on 4/14/2005)
Min:	0 mg/m3	(At 11:36:10 on 4/14/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA15-04-2005-(
Start:	08:00:35 4/15/2005
End:	11:27:35 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 10:56:55 on 4/15/2005)
Min:	0 mg/m3	(At 08:00:35 on 4/15/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA15-04-2005-(
Start:	11:31:03 4/15/2005
End:	13:52:03 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.283 mg/m3	(At 13:49:43 on 4/15/2005)
Min:	0 mg/m3	(At 11:31:03 on 4/15/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA15-04-2005-(
Start:	14:14:47 4/15/2005
End:	15:56:47 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.037 mg/m3	(At 14:58:09 on 4/15/2005)
Min:	0.002 mg/m3	(At 14:14:47 on 4/15/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB15-04-2005-(
Start:	07:50:13 4/15/2005
End:	11:29:13 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 08:09:43 on 4/15/2005)
Min:	-0.001 mg/m3	(At 09:53:13 on 4/15/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC15-04-2005-(
Start:		07:49:31 4/15/2005
End:		11:34:31 4/15/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.003 mg/m3	(At 11:17:10 on 4/15/2005)
Min:	0.001 mg/m3	(At 07:55:31 on 4/15/2005)
Average:	0.002 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC15-04-2005-(
Start:	11:39:33 4/15/2005
End:	14:39:33 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.003 mg/m3	(At 11:39:52 on 4/15/2005)
Min:	0 mg/m3	(At 13:00:33 on 4/15/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB15-04-2005-(
Start:	11:34:24 4/15/2005
End:	14:13:24 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 11:31:44 on 4/15/2005)
Min:	0 mg/m3	(At 11:34:24 on 4/15/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC15-04-2005-(
Start:	14:44:26 4/15/2005
End:	16:14:26 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.003 mg/m3	(At 16:15:41 on 4/15/2005)
Min:	0.001 mg/m3	(At 14:44:26 on 4/15/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB15-04-2005-(
Start:	14:19:53 4/15/2005
End:	16:10:53 4/15/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 14:50:18 on 4/15/2005)
Min:	0 mg/m3	(At 14:19:53 on 4/15/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA18-04-2005-(
Start:	08:18:24 4/18/2005
End:	15:27:24 4/18/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.495 mg/m3	(At 08:24:40 on 4/18/2005)
Min:	0.001 mg/m3	(At 08:21:24 on 4/18/2005)
Average:	0.003 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB18-04-2005-(
Start:	08:11:33 4/18/2005
End:	15:32:33 4/18/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 09:22:12 on 4/18/2005)
Min:	-0.001 mg/m3	(At 10:44:33 on 4/18/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC18-04-2005-(
Start:	08:10:00 4/18/2005
End:	08:55:00 4/18/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.065 mg/m3	(At 08:07:03 on 4/18/2005)
Min:	0 mg/m3	(At 08:10:00 on 4/18/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC18-04-2005-(
Start:	09:08:36 4/18/2005
End:	09:08:36 4/18/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.002 mg/m3	(At 09:07:45 on 4/18/2005)
Min:	0.001 mg/m3	(At 09:08:36 on 4/18/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC18-04-2005-(
Start:	13:01:26 4/18/2005
End:	13:19:26 4/18/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 12:58:27 on 4/18/2005)
Min:	-0.001 mg/m3	(At 13:16:26 on 4/18/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB19-04-2005-(
Start:		09:35:12 4/19/2005
End:		15:23:12 4/19/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.488 mg/m3	(At 11:21:24 on 4/19/2005)
Min:	-0.001 mg/m3	(At 11:50:12 on 4/19/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA19-04-2005-(
Start:	09:48:48 4/19/2005
End:	11:39:48 4/19/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.816 mg/m3	(At 09:55:51 on 4/19/2005)
Min:	0.002 mg/m3	(At 09:51:48 on 4/19/2005)
Average:	0.004 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC19-04-2005-(
Start:	09:36:16 4/19/2005
End:	15:24:16 4/19/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.003 mg/m3	(At 13:07:20 on 4/19/2005)
Min:	0 mg/m3	(At 09:36:16 on 4/19/2005)
Average:	0.002 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC20-04-2005-(
Start:	07:36:19 4/20/2005
End:	10:48:19 4/20/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.002 mg/m3	(At 10:49:53 on 4/20/2005)
Min:	0 mg/m3	(At 07:36:19 on 4/20/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB20-04-2005-(
Start:	07:37:08 4/20/2005
End:	10:46:08 4/20/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:34:08 on 4/20/2005)
Min:	0 mg/m3	(At 07:37:08 on 4/20/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB20-04-2005-(
Start:	11:08:26 4/20/2005
End:	15:08:26 4/20/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	2.864 mg/m3	(At 14:45:02 on 4/20/2005)
Min:	-0.001 mg/m3	(At 13:17:26 on 4/20/2005)
Average:	0.328 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA20-04-2005-(
Start:	08:21:03 4/20/2005
End:	15:12:03 4/20/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	7.508 mg/m3	(At 10:59:21 on 4/20/2005)
Min:	0.001 mg/m3	(At 08:21:03 on 4/20/2005)
Average:	0.37 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA21-04-2005-(
Start:	09:56:48 4/21/2005
End:	11:23:48 4/21/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.026 mg/m3	(At 10:10:54 on 4/21/2005)
Min:	0 mg/m3	(At 09:56:48 on 4/21/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC21-04-2005-(
Start:	09:56:19 4/21/2005
End:	11:26:19 4/21/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.373 mg/m3	(At 09:53:36 on 4/21/2005)
Min:	0 mg/m3	(At 10:26:19 on 4/21/2005)
Average:	0.034 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB21-04-2005-(
Start:	08:26:40 4/21/2005
End:	11:17:40 4/21/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.729 mg/m3	(At 11:20:27 on 4/21/2005)
Min:	-0.001 mg/m3	(At 08:26:40 on 4/21/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWC26-04-2005-(
Start:		08:21:20 4/26/2005
End:		15:30:20 4/26/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.154 mg/m3	(At 09:01:03 on 4/26/2005)
Min:	0 mg/m3	(At 08:27:20 on 4/26/2005)
Average:	0.008 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA26-04-2005-(
Start:	08:22:39 4/26/2005
End:	08:58:39 4/26/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.614 mg/m3	(At 08:56:26 on 4/26/2005)
Min:	0.002 mg/m3	(At 08:40:39 on 4/26/2005)
Average:	0.043 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\UWA26-04-2005-(
Start:	09:13:29 4/26/2005
End:	15:28:29 4/26/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.214 mg/m3	(At 10:18:23 on 4/26/2005)
Min:	0 mg/m3	(At 09:13:29 on 4/26/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB26-04-2005-(
Start:		08:13:01 4/26/2005
End:		12:58:01 4/26/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	1.798 mg/m3	(At 10:15:45 on 4/26/2005)
Min:	0 mg/m3	(At 08:13:01 on 4/26/2005)
Average:	0.031 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\DWB26-04-2005-(
Start:	13:04:58 4/26/2005
End:	13:04:58 4/26/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.002 mg/m3	(At 13:04:39 on 4/26/2005)
Min:	0.001 mg/m3	(At 13:04:58 on 4/26/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park29-04-
Start:	07:22:34 4/29/2005
End:	09:55:34 4/29/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:19:35 on 4/29/2005)
Min:	0 mg/m3	(At 07:22:34 on 4/29/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park29-04-
Start:		07:24:14 4/29/2005
End:		15:33:14 4/29/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.006 mg/m3	(At 07:21:40 on 4/29/2005)
Min:	0.005 mg/m3	(At 07:24:14 on 4/29/2005)
Average:	0.005 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park29-04-
Start:	07:26:12 4/29/2005
End:	14:44:12 4/29/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:23:12 on 4/29/2005)
Min:	0 mg/m3	(At 07:26:12 on 4/29/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park03-05-
Start:	14:30:14 5/3/2005
End:	15:57:14 5/3/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 14:27:14 on 5/3/2005)
Min:	0 mg/m3	(At 14:30:14 on 5/3/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park03-05-
Start:	07:21:23 5/3/2005
End:	13:54:23 5/3/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.482 mg/m3	(At 07:55:53 on 5/3/2005)
Min:	0 mg/m3	(At 07:21:23 on 5/3/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park03-05-
Start:		07:26:04 5/3/2005
End:		16:02:04 5/3/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.004 mg/m3	(At 07:39:25 on 5/3/2005)
Min:	0 mg/m3	(At 07:26:04 on 5/3/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park03-05-
Start:	07:23:58 5/3/2005
End:	15:59:58 5/3/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	1.178 mg/m3	(At 08:20:43 on 5/3/2005)
Min:	0 mg/m3	(At 08:35:58 on 5/3/2005)
Average:	0.002 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park04-05-
Start:	07:37:24 5/4/2005
End:	12:49:24 5/4/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	2.088 mg/m3	(At 07:36:34 on 5/4/2005)
Min:	0 mg/m3	(At 08:19:24 on 5/4/2005)
Average:	0.002 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park04-05-
Start:	07:49:45 5/4/2005
End:	16:01:45 5/4/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.088 mg/m3	(At 08:00:05 on 5/4/2005)
Min:	0 mg/m3	(At 07:49:45 on 5/4/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park04-05-
Start:		07:50:57 5/4/2005
End:		15:53:57 5/4/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.656 mg/m3	(At 07:47:57 on 5/4/2005)
Min:	0 mg/m3	(At 07:53:57 on 5/4/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park05-05-
Start:	07:31:03 5/5/2005
End:	16:40:03 5/5/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:28:03 on 5/5/2005)
Min:	0 mg/m3	(At 07:31:03 on 5/5/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park05-05-
Start:	07:28:52 5/5/2005
End:	16:31:52 5/5/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.083 mg/m3	(At 16:32:15 on 5/5/2005)
Min:	0 mg/m3	(At 07:28:52 on 5/5/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park05-05-
Start:	07:31:49 5/5/2005
End:	16:37:49 5/5/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:28:49 on 5/5/2005)
Min:	0 mg/m3	(At 07:31:49 on 5/5/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park09-05-
Start:	09:25:19 5/9/2005
End:	16:16:19 5/9/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	2.045 mg/m3	(At 16:16:23 on 5/9/2005)
Min:	0 mg/m3	(At 09:25:19 on 5/9/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park09-05-
Start:	09:45:48 5/9/2005
End:	16:12:48 5/9/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.004 mg/m3	(At 09:43:59 on 5/9/2005)
Min:	0 mg/m3	(At 09:45:48 on 5/9/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park09-05-
Start:	09:23:03 5/9/2005
End:	16:17:03 5/9/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 09:20:03 on 5/9/2005)
Min:	0 mg/m3	(At 09:23:03 on 5/9/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park10-05-
Start:	07:55:25 5/10/2005
End:	16:16:25 5/10/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:52:25 on 5/10/2005)
Min:	0 mg/m3	(At 07:55:25 on 5/10/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park10-05-
Start:	08:05:48 5/10/2005
End:	16:20:48 5/10/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.101 mg/m3	(At 15:41:58 on 5/10/2005)
Min:	0 mg/m3	(At 08:05:48 on 5/10/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park10-05-
Start:	07:57:09 5/10/2005
End:	13:45:09 5/10/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 07:54:09 on 5/10/2005)
Min:	0 mg/m3	(At 07:57:09 on 5/10/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park10-05-
Start:	13:50:50 5/10/2005
End:	16:14:50 5/10/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.014 mg/m3	(At 15:18:03 on 5/10/2005)
Min:	0.012 mg/m3	(At 13:50:50 on 5/10/2005)
Average:	0.013 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park17-05-
Start:	09:20:18 5/17/2005
End:	11:44:18 5/17/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 09:17:18 on 5/17/2005)
Min:	0 mg/m3	(At 09:20:18 on 5/17/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park17-05-
Start:	09:23:35 5/17/2005
End:	13:47:35 5/17/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.023 mg/m3	(At 09:21:57 on 5/17/2005)
Min:	0 mg/m3	(At 09:23:35 on 5/17/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park17-05-
Start:	09:20:20 5/17/2005
End:	13:38:20 5/17/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 09:17:24 on 5/17/2005)
Min:	-0.001 mg/m3	(At 09:20:20 on 5/17/2005)
Average:	-0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park23-05-
Start:	08:44:25 5/23/2005
End:	16:17:25 5/23/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 08:41:25 on 5/23/2005)
Min:	0 mg/m3	(At 08:44:25 on 5/23/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park23-05-
Start:	08:48:05 5/23/2005
End:	16:24:05 5/23/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 08:45:05 on 5/23/2005)
Min:	0 mg/m3	(At 08:48:05 on 5/23/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park23-05-
Start:	08:47:02 5/23/2005
End:	16:23:02 5/23/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0 mg/m3	(At 12:36:40 on 5/23/2005)
Min:	-0.001 mg/m3	(At 08:47:02 on 5/23/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park25-05-
Start:	09:16:43 5/25/2005
End:	16:43:43 5/25/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.004 mg/m3	(At 10:13:42 on 5/25/2005)
Min:	-0.001 mg/m3	(At 09:28:43 on 5/25/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park25-05-
Start:	09:18:14 5/25/2005
End:	16:39:14 5/25/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.001 mg/m3	(At 15:35:35 on 5/25/2005)
Min:	0 mg/m3	(At 09:18:14 on 5/25/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park25-05-
Start:	09:17:32 5/25/2005
End:	16:38:32 5/25/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	0.215 mg/m3	(At 16:40:59 on 5/25/2005)
Min:	0 mg/m3	(At 09:17:32 on 5/25/2005)
Average:	0 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park26-05-
Start:	09:52:56 5/26/2005
End:	13:22:56 5/26/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	4.145 mg/m3	(At 09:51:01 on 5/26/2005)
Min:	0 mg/m3	(At 09:55:56 on 5/26/2005)
Average:	0.088 mg/m3	

Summary Report:-

Report File:		C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park26-05-
Start:		09:54:27 5/26/2005
End:		14:36:27 5/26/2005
File Calibration:		Unmodified

Concentration Statistics

Max:	0.165 mg/m3	(At 13:50:30 on 5/26/2005)
Min:	0 mg/m3	(At 09:57:27 on 5/26/2005)
Average:	0.001 mg/m3	

Summary Report:-

Report File:	C:\MyFiles\jon\Boone Park\air monitoring\WinDust Pro\Boone Park26-05-
Start:	09:52:40 5/26/2005
End:	14:55:40 5/26/2005
File Calibration:	Unmodified

Concentration Statistics

Max:	11.247 mg/m3	(At 13:48:19 on 5/26/2005)
Min:	0 mg/m3	(At 10:49:40 on 5/26/2005)
Average:	0.066 mg/m3	