Final Engineering Report

Niagara Street and Pennsylvania Avenue Site
BCP Site No. C915223
Buffalo, New York

December 2009 0136-002-301

Prepared For:

1093 Group, LLC

Prepared By:

TurnKey Environmental Restoration, LLC

2558 Hamburg Turnpike, Suite 300, Buffalo, New York | phone: (716) 856-0635 | fax: (716) 856-0583

BROWNFIELD CLEANUP PROGRAM

FINAL ENGINEERING REPORT

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Buffalo, NY 14218
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CERTIFICATIONS

I, Paul H. Werthman, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Investigation / Alternatives Analysis Report / Interim Remedial Measures (RI/AAR/IRM) Work Plan (September 2008) was implemented and that all construction activities were completed in substantial conformance with the Department-approved RI/AAR/IRM Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the RI/AAR/IRM Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, , and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Paul Werthman, of TurnKey Environmental Restoration, LLC, 2558 Hamburg Turnpike, Buffalo, New York, am certifying as Owner's Designated Site Representative for the site.

12/11/09

Paul H. Werthman, P.E.
Principal Engineer
License No.

Date

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LIST OF ACRONYMS

ACRONYM	DEFINITION
AAR	Alternatives Analysis Report
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
COC	Certificate of Completion
CP	Citizen Participation
CY	Cubic Yard
DUSR	Data Usability Summary Report
ESA	Environmental Site Assessment
fbgs	feet below ground surface
FER	Final Engineering Report
FOP	Field Operating Procedure
GAC	Granular Activated Carbon
GWQS	Groundwater Quality Stadards
HASP	Health and Safety Plan
IC	Institutional Controls
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORC®	Oxygen Release Compound
PID	Photo-ionization Detector
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RAO	Remedial Action Objective
RI	Remedial Investigation
SCO	Soil Cleanup Objective
SVOC	Semi-volatile Organic Compound

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TCL	Target Compound List
USEPA	Untied States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 BACKGROUND AND SITE DESCRIPTION

1093 Group, LLC, entered into a Brownfield Cleanup Agreement (BCA) (Index #B9-0759-07-11, Site #C915223) with the New York State Department of Environmental Conservation (NYSDEC) in October 2008, and revised in February 2009, to investigate and remediate a 0.25-acre property located in City of Buffalo, Erie County, New York (see Figure 1). The property was remediated to restricted-residential use soil cleanup objectives (SCOs), and will be utilized for commercial use. 9154 Group, LLC was the initial applicant for the BCP application in October 2008. In November 2008, an "Amendment Application for Change of Party" was submitted to the NYSDEC to change the applicant from 9154 Group, LLC to 1093 Group, LLC, and the Department approved the change in February 2009 (see Appendix D).

The Niagara Street and Pennsylvania Avenue Site (Site) is located in the City of Buffalo, County of Erie, New York and is addressed at 517 Niagara Street (SBL# 110.27-5-1.1) on the Erie County Tax Map. The Site is located on the southeast corner of Niagara Street and Pennsylvania Avenue, and bordered by Reynolds Alley, Pennsylvania Avenue, Niagara Street and the parking lot for the retail store that is currently being constructed on the Site (see Figure 2). The boundaries of the Site are more fully described in Appendix A: Survey Map, Metes and Bounds.

A Phase I Environmental Site Assessment (ESA) Report was completed for the Site in August 2007 identified several environmental concerns due to the potential for chemical and/or petroleum product releases associated with historic use of the Site as a gasoline station and automotive repair shop. The Site included an abandoned gasoline station/automotive repair building, abandoned underground storage tanks (USTs), product dispensers and one in-ground hydraulic lift on the property.

The Remedial Investigation/Interim Remedial Measures (RI/IRM) Work Plan was approved by the NYSDEC on November 18, 2008. IRM activities were performed at the Site from February 16 to March 16, 2008. The NYSDEC Division of Environmental Remediation monitored the IRM construction activities to verify the work was performed in accordance with the BCA, the approved Work Plan, and DER-10.

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

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Soil RAOs

RAOs for soil include:

- Removal of petroleum-impacted soil/fill within the tank farm, dispenser area and hydraulic lift area to levels protective of human health and the environment.

2.1.2 Groundwater RAOs

RAOs for groundwater include:

- Mitigate contaminant loadings to groundwater from petroleum-impacted soil/fill sufficiently to achieve or nearly achieve compliance with groundwater quality standards.

2.2 Description of selected remedy

The Site was remediated in accordance with the RI/AAR/IRM Work Plan dated September 2008. The following remedial work was completed as an IRM:

- Demolition of the former service station building and product dispenser canopy;
- Removal and recycling of concrete by Iron City in Lackawanna, New York.
- Removal of five underground storage tanks (USTs), including associated dispensing units and underground product piping. Extraction and off-site disposal of residual product/water mixture from the USTs and the in-ground lift.
- Excavation of petroleum-impacted soil/fill followed by off-site transportation and disposal at a commercial landfill.

- Excavation and disposal of surface soil/fill with slightly elevated SVOCs (above restricted-residential SCOs) across the southeast portion of the Site. That material was also transported off-Site and disposed of at a commercial landfill.
- Extraction and treatment of groundwater from the excavation during remediation activities.
- Placement and compaction of backfill.

Based on the Alternatives Analysis Report (AAR), which was prepared after the IRM was completed, the final selected remedy includes:

- No additional remedial work beyond that which was completed as an IRM;
- Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site;
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional Controls, (2) monitoring, and (3) reporting; and,
- Periodic certification of the institutional controls.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8.

3.0 INTERIM REMEDIAL MEASURES

The following activities were completed as an IRM:

1. Demolition of the former service station building and product dispenser canopy and disposal of approximately 36 tons of construction and demolition debris at Allied Waste Landfill in Niagara Falls, NY;
2. Removal and recycling of approximately 80 tons of concrete at Iron City in Lackawanna, New York.
3. Removal of five underground storage tanks (USTs), including all associated dispensing units and underground product piping was removed. Approximately 3,379 gallons of residual product/water mixture was extracted from the USTs by NYETECH, Inc. and disposed of at Industrial Oil Tank Service Corp., facility in Oriskany, New York. Approximately 437-gallons of residual product/water mixture was extracted by NYETECH, Inc. from one of the USTs and the in-ground lift and disposed of at Norlite Corp, facility in Cohoes, New York. Approximately 50-gallons of wash water from the vacuum truck were disposed of at Cycle Chem, Inc. in Lewisberry, PA.
4. Excavation of petroleum-impacted soil/fill followed by off-site transportation and disposal a commercial landfill. Figure 3 shows the excavation limits. 15 post-excavation confirmation samples were collected for analysis of NYSDEC STARS List VOCs (including MtBE), STARS List SVOCs, total lead and tetraethyl lead; post-excavation soil sample results were below 6NYCRR Part 375 Residential Soil Cleanup Objectives (SCOs), with the minor exceptions noted in Table 1.
5. Excavation and disposal of an additional 1,098 tons of soil/fill with slightly elevated SVOCs across the southeast portion of the Site. That material was also transported off-Site and disposed of at Modern Landfill in Model City, New York. Figure 3 shows the excavation limits. One composite confirmation sample was collected from the excavated area for analysis of NYSDEC STARS List SVOCs; the soil sample results were below 6NYCRR Part 375 Residential SCOs, with one minor exception noted in Table 1.
6. Extraction and treatment of approximately 6,000-gallons of groundwater from the excavation during remediation activities using bag filtration and granular activated carbon (GAC). The treated water was discharged to the City of Buffalo Municipal Sewer with permission from the Buffalo Sewer Authority.
7. Placement and compaction of approximately 5,402 tons of 2" crusher run stone backfill from the Buffalo Crushed Stone, Inc. quarry at 8615 Wehrle Drive in Lancaster, NY to the approximate pre-existing grade.

Additional details of the IRM activities are included in Section 4.0.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The IRM activities approved in the RI/IRM/AAR Work Plan (September 2008) and summarized in Section 3 above were completed during the Remedial Investigation to immediately address the known contamination on-Site. Upon completion of the RI/IRM, an AAR was prepared to select the final Site remedy. Based on the AAR, the final selected remedy includes:

- No additional remedial work beyond that which was completed as an IRM;
- Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site;
- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional Controls, (2) monitoring, and (3) reporting; and,
- Periodic certification of the institutional controls.

Based on the above, the RI/AAR/IRM Work Plan became, in essence, the Remedial Action Work Plan. Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RI/AAR/IRM Work Plan (September 2008) for the Niagara Street and Pennsylvania Avenue Site. Any deviations from the RI/AAR/IRM Work Plan are noted below.

4.1 Governing Documents

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under the RI/AAR/IRM Work Plan (September 2008) was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) complied with for all remedial and invasive work performed at the Site. The HASP was included as Appendix B of the RI/AAR/IRM Work Plan.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was prepared as a stand-alone document for the RI/AAR/IRM activities described in the Work Plan approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

The QAPP was prepared in accordance with USEPA's Requirements for Quality Assurance Project Plans for Environmental Data Operations; the EPA Region II CERCLA Quality Assurance Manual; and NYSDEC's December 2002 draft DER-10 Technical Guidance for Site Investigation and Remediation.

4.1.3 Community Air Monitoring Plan (CAMP)

The HASP included a Community Air Monitoring Plan (CAMP) that described required particulate and vapor monitoring to protect the neighboring community during intrusive site investigation and remediation activities. The HASP was included as Appendix B of the NYSDEC-approved RI/AAR/IRM Work Plan (September 2008).

Manual photo-ionization detector (PID) readings were collected at the perimeter of the exclusion zone during intrusive activities. Real-time community air monitoring, using an air monitoring station including a MiniRAE 2000 (PGM 7600) PID and DataRam 4 (Model DR-4000) particulate meter, was performed February 17-26, 2009 during intrusive activities.

All monitoring results conformed to the CAMP perimeter particulate requirement of 100 ug/m^3 and the organic vapor requirement of less than 5 part per million (ppm) with the exception of one PID reading of 12.8 ppm measured on February 18, 2009 at 3:00 p.m., at which time work activities were stopped. Work activities resumed at 3:25 p.m. when PID readings were below 5 ppm. Copies of all field data sheets relating to the CAMP are provided in Appendix F.

4.1.4 Citizen Participation Plan

NYSDEC has coordinated and led community relations throughout the course of the project. TurnKey supports NYSDEC's community relations activities as necessary. A stand-alone Citizen Participation Plan was prepared by TurnKey and submitted to NYSDEC under separate cover. The Citizen Participation Plan followed the NYSDEC's Citizen Participation Plans template for BCP sites.

TurnKey provided copies of the Brownfield Cleanup Program Application, RI/AAR/IRM Work Plan (September 2008 - including a Health and Safety Plan, Citizen Participation Plan and Quality Assurance Project Plan)1, to the Central Branch of the Buffalo & Erie County Public Library, located at 1 Lafayette Square, Buffalo, New York for review by the interested public.

Fact Sheets were prepared and mailed to the approved Citizen Participation (CP) distribution list. A summary of the project's fact sheets is presented below Copies of the fact sheets issued to date are provided in Appendix M.

- November 2007 Brownfield Cleanup Program and RI/AAR/IRM Work Plan Available for Review and Public Comment
- October 2009 Report on Environmental Investigation and Cleanup Activities at Niagara Street and Pennsylvania Avenue Site Available for Review. The public comment period for the RI/AAR/IRM report is from October 30, 2009 to December 13, 2009

Once the NYSDEC approves the Final Engineering Report, a final Fact Sheet will be prepared to announce that (1) remedial construction has been completed and (2) the Certificate of Completion (COC) has been issued.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

TurnKey Environmental Restoration, LLC, in conjunction with Benchmark Environmental Engineering and Science, PLLC, served as the Engineer of Record. The following contractors also completed various tasks as noted:

- National Power Associates Corp. performed the demolition of the former building;
- Buffalo Biodiesel recycled waste oil from the Site;
- Done Rite Sweeping, Inc. disposed construction and demolition debris at Allied Waste Landfill in Niagara Falls, NY and scrap tires at ARMI in Niagara Falls, NY.
- Test America Laboratories, Inc. performed all analytical analysis related to the RI and IRM activities, including soil, groundwater and soil gas samples.

- Data Validation Services reviewed and validated analytical data packages from Test America Laboratories
- Rain-for-Rent (NY) provided water treatment equipment including the 21,000-gal storage tank, filter bag housing skid, carbon filter skid, water pump, and associated hose and fittings. Carbon reactivation was handled by Rain-for-Rent through Siemens Water Technology Corp.
- Zoladz Construction Company, Inc. (Zoladz) completed UST and hydraulic lift removal; excavation and transportation (Permit No. 9A-499) of petroleum-impacted soil to Modern Landfill in Model City, New York; transportation of clean concrete to Iron City in Lackawanna, NY; and transportation, placement and compaction of clean backfill from Buffalo Crushed Stone;
- Zoladz subcontractor, New York Environmental Technologies, Inc. (NYETECH) (Permit No. 8A-720) of Rochester NY, removed, transported and disposed of residual product/water from the USTs at Industrial Oil Tank Service Corp., facility in Oriskany, New York; residual product/water mixture from the hydraulic lift at Norlite Corp, facility in Cohoes, New York; and vac-truck cleaning and rinse water at Cycle Chem, Inc. in Lewisberry, PA;
- 1093 Group, LLC erected construction fence around the perimeter of the Site;
- Holler Excavation of Buffalo, NY, 1093 Group's Site redevelopment contractor, excavated and loaded surface soil/fill from the southeast portion of the Site; and,
- Modern Disposal Service (Permit No. 9A-073) transported soil/fill related to the southeast portion of the Site for disposal at Modern Landfill in Model City, New York.

4.2.2 Site Preparation

Prior to commencement of work activities at the site, TurnKey personnel collected waste characterization samples for landfill approval purpose. Analytical data and landfill application and approval letters are provided in Appendix I and H1, respectively.

National Power demolished the former service station building prior to commencement of RI/IRM activities at the site.

TurnKey received a temporary discharge permit from the Buffalo Sewer Authority (BSA) for discharge of treated water pumped from the excavations (see Appendix C).

Prior to mobilizing to the Site, Zoladz contacted Dig Safely New York and informed Dig Safe of the intent to perform excavation activities at the work site. Utility marker layout was completed prior to initiation of intrusive activities on February 17, 2009.

Prior to commencement of IRM activities, the on-site excavation/groundwater treatment system was mobilized and set-up on February 17, 2009.

Documentation of agency approvals required by the RI/AAR/IRM Work Plan is included in Appendix D. A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the remedial activities.

A pre-construction meeting was held at the Site with NYSDEC, Zoladz, 1093 Group, LLC, and TurnKey prior to commencement of excavation activities.

4.2.3 General Site Controls

On February 19, 2009, 1093 Group, LLC erected a fence around the perimeter of the site for security. Daily excavation exclusion zones were outlined by Zoladz. TurnKey personnel completed Inspector Daily Reports to keep track of daily activities, on-.site visitors, and deviations from the Work Plan. Copies of the logs are presented in Appendix E.

A PID was used to screen soil/fill materials and assist in verifying removal of VOC-impacted soil/fill. All excavation work was observed by an experienced TurnKey scientist. Approximately 100 cubic yards of overburden soil that was suitable for re-use on-Site was stockpiled on and covered with poly sheeting while its reuse was evaluated. 1093 Group did not have a use for that soil and it was transported to and disposed at Modern Landfill as part of the approximate 1,098 tons of soil in June 2009.

Equipment decontamination at the completion of IRM activities consisted of brushing clean the excavator bucket of all loose debris and soil. All removed soil and/or debris was then placed into the dump truck containing the removed impacted soil/fill and handled/disposed in the same manner as that material.

4.2.4 Nuisance controls

Nuisance controls were not required during IRM activities.

A letter dated March 20, 2009 was forwarded to the NYSDEC, Region 9 Office, related to the remedial activities at the Site. The letter states that a nearby property owner complained of odors related to the remediation activities at the site. The NYSDEC and NYSDOH reviewed the Community Air Monitoring Plan (CAMP) for the Site and the issue was settled.

4.2.5 Reporting

TurnKey personnel completed Inspector's Daily Report logs during RI/IRM activities, for February 16-27; March 6, 11-13, and 16; and April 3, 6, and 9, 2009. All daily reports are included in Appendix F. The digital photo log required by the RI/AAR/IRM Work Plan is included in Appendix G.

4.3 Contaminated Materials Removal

Cleanup objectives for the Site included implementation of remedial measures to protect human health and the environment and to mitigate potential short-term impact to Site construction workers and the surrounding community during the remedial construction period. Cleanup tasks employed at the Site to achieve these public health objectives include:

- Demolition of the former building
- Implementation of community air monitoring during remedial construction to monitor and mitigate unacceptable fugitive releases of airborne particulates (i.e., dust and VOCs) during intrusive activities. Community air monitoring followed New York State Department of Health (NYSDOH) and NYSDEC-approved procedures.
- Removal of five USTs and associated underground product piping; and demolition of the product dispenser canopy. Removal of an in-ground hydraulic lift.
- Off-site disposal of residual product/water mixture generated from the USTs, lifts and wash water at permitted waste facilities.
- Excavation of petroleum-impacted soil/fill followed by off-site disposal at a permitted solid waste management facility.
- Extraction and pre-treatment of groundwater during petroleum-impacted soil excavation.

Table 1 presents a comparison of the post-excavation confirmatory soil sample results against the Part 375 Residential SCOs for the contaminants of concern for this Site. Figure 3 presents the location of original source areas, and areas where remedial activities were performed.

4.3.1 Underground Storage Tanks Removal

Remedial activities related to the removal of the three (3) known steel USTs (designated as Tank A, Tank B and Tank C; see Figure 3), related to the former Marranca's Service Station, began on February 16, 2009, by removing the concrete/asphalt covering the tanks. Concrete was recycled by Iron City, Buffalo NY. Some concrete and asphalt was also disposed of with the impacted soil at Modern Landfill, Model City. NY.

Residual product within the USTs was measured, with approximately 2-inches (50-gal) being noted in Tank A, approximately 3.5-inches (150-gal) noted in Tank B, and approximately 8-inches (250-gal) noted in Tank C. From February 16 to 19, 2009, Tanks A, B, C were vacuumed out by New York Environmental Technologies, Inc. (NYETECH), removed from the ground by Zoladz, cleaned by NYETECH and removed from the Site and scrapped at Iron City (see Appendix H2).

On February 20, 2009 an approximate 1,000-gallon steel UST (designated at Tank D) was discovered during remedial excavation activities. Upon inspection, the UST was found to be filled with concrete. The concrete was removed and disposed with petroleum-impacted soil from the remedial excavation. The tank was observed to be generally clean and free of any evidence of petroleum.

On February 25, 2009 an approximate 550-gallon steel UST (designated at Tank E) was discovered during remedial excavation activities. Tank E contained approximately 400-gallons of residual product/water mixture. Some residual product/water mixture was pumped directly into two drums due to observation of a hole towards the top of the tank. On February 26, 2009, NYETECH vacuumed out the remaining residual product/water mixture from Tank E and the drums, and cleaned Tank E. Tanks D and E were removed from the ground by Zoladz, and removed from the Site and scrapped at Metalico (see Appendix H2).

4.3.2 In-ground Hydraulic Lift

On February 17, 2009, Zoladz removed an in-ground hydraulic lift, and associated hydraulic fluid reservoir cylinder. Residual hydraulic lift fluid was drained into a 55-gallon drum by Zoladz and the lift was placed and covered with poly sheeting. The lift and lift cylinder were cleaned of residual product with absorbent pads and removed from the Site by Zoladz for recycling as scrap at Iron City.

4.3.2.1 UST System, In-Ground Lift and Residual Product Disposal Details

During UST and in-ground lift removal activities NYETECH vacuumed out residual product/water mixture, and cleaned four USTs (Tank A, B, C, and E). Approximately 3,379-gallons of residual product/water mixture and cleaning fluids from the USTs (Tank A through Tank C) was collected and disposed of at Industrial Oil Tank Service Corps. in Oriskany, NY. Approximately 437-gallons of residual product/water mixture from Tank E and the collected in-ground lift residual oil/water mixture (as described above) was disposed at NorLite Corps. in Cohoes, NY and approximately 50-gallons of product/water mixture, generated from vacuum truck wash water, was disposed at Cycle Chem, Inc. in Lewisberry, PA. Upon removal and cleaning of the USTs and lift, Zoladz transported the materials off-Site for recycling as scrap, as described above.

Table 2 shows the total quantities of each category of material removed from the Site and the disposal locations. Waste manifests, disposal receipts, and bills of lading are presented in Appendix H.

4.3.3 Petroleum-Impacted Soil/Fill Excavation

Remedial soil/fill excavation activities began on February 20, 2009. Zoladz utilized a Hitachi EX270LC excavator for intrusive activities. Impacted soil/fill in the area of the former USTs was excavated and direct-loaded into dump trucks for off-Site disposal. Impacted soil/fill in the vicinity of the in-ground hydraulic lift was excavated and staged on poly sheeting to allow for additional waste characterization samples to be collected and approved for disposal.

Remedial excavation of the source area was initiated in the western corner of the Site, at the Niagara Street and Pennsylvania Avenue property boundary. The excavation was

completed to an approximate depth of 12 fbgs in the source area, and was extended to the property boundaries along Niagara Street and Pennsylvania Avenue. The lateral extents of the excavation are shown on Figure 3. A total of approximately 2,938-tons of petroleum-impacted soil/fill was excavated and transported off-Site by Zoladz and disposed off-Site at Modern Landfill.

On June 29 and 30, 2009, Holler Excavating removed additional 1,098-tons of soil/fill from the southeast portion of the Site in the area shown on Figure 3. That material was transported off-Site by Modern Disposal Service and disposed at Modern Landfill.

4.3.3.1 Petroleum-Impacted Soil/Fill Disposal Details

Between February 19 and March 6, 2009, approximately 2,938-tons of petroleum-impacted soil/fill was excavated and transported off-Site by Zoladz (NYSDEC Permit No. 9A-499) to Modern Landfill (Site No. 32N30) in Model City, New York.

Between June 29 and 30, 2009, approximately 1,098-tons of impacted soil/fill was transported off-Site by Modern Disposal Services (Permit No. 9A-073) for disposal at the Modern Corporation Landfill (Site No. 32N30) located in Model City, New York.

Table 2 shows the total quantities of each category of material removed from the site and the disposal locations. Waste Generator and Characterization forms, disposal applications, including analytical data, waste manifests and certificates of disposal are presented in Appendix H.

4.3.4 Excavation Groundwater

Approximately 6,000-gallons of groundwater were removed from the excavation during soil/fill excavation activities. The water was stored in a portable 20,000-gallon steel tank (Frac Tank) and pumped through a bag filter prior to pre-treatment using granular activated carbon (GAC). The pre-treated water was discharged to the City of Buffalo municipal sewer, via a catch basin on Reynolds Alley, with permission from the Buffalo Sewer Authority.

4.3.4.1 Groundwater Treatment System Disposal Details

Following completion of excavation work, the settled solids in the Frac Tank (i.e., solid ice and sediment) and the spent filter bags were containerized and disposed off-Site at

Model City Landfill, with the quantity accounted for in the impacted soil/fill tonnage. The Frac Tank was decontaminated with pressure washing, and the rinse water was processed through the treatment system prior to discharge.

On June 15, 2009, Siemens Water Technologies Corp. reactivated 986 pounds of spent GAC via thermal treatment followed by scrubbing of exit gases for particulate removal and acid gas neutralization before release to the atmosphere. The GAC reactivation certificate from Siemens is included in Appendix H.

4.4 Remedial Performance/Documentation Sampling

Between February 20th and March 6th, 2009, 15 post-excavation confirmatory soil samples (10 sidewall samples and 5 excavation bottom samples) were collected from the remedial excavation. Approximate locations of the confirmatory sample locations are shown on Figure 3. All verification samples collected were placed in laboratory supplied bottles using dedicated sampling equipment and transferred under chain-of-custody to TestAmerica Laboratories, Inc. for analysis of NYSDEC STARS List VOCs (including MtBE), STARS List SVOCs, total lead and tetraethyl lead.

Upon removal of the additional 1,098-tons of soil/fill in the southeast portion of the Site in June 2009, one composite sample (i.e., Surface-2) was analyzed for TCL SVOCs only with permission from the NYSDEC as only a few SVOCs were above Part 375 Restricted-Residential SCOs in the soil that was removed from that area.

As summarized on Table 1, all post-excavation soil sample results were below 6NYCRR Part 375 Residential SCOs, with the minor exceptions noted in Table 1.

All samples were collected and analyzed in accordance with USEPA SW-846 methodology with equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment. Appendix I includes a copy of the laboratory analytical data package. The Data Usability Summary Report (DUSR), completed by Data Validation Services (see Appendix J), indicates that most results for the samples are usable as reported, or usable with minor qualification due to sample matrix or to processing outliers.

4.5 Imported Backfill

Backfilling activities occurred March 6 and 16, 2009. Approximately 5,402-tons of virgin 2" crusher run stone backfill obtained from the Buffalo Crushed Stone, Inc. quarry at 8615 Wehrle Drive in Lancaster, New York were placed and compacted. The backfill was placed in approximate 8-inch lifts and compacted to the approximate original Site grade with a vibratory roller. TurnKey personnel were on-Site to observe backfilling activities and perform compaction testing. Appendix K includes the scale receipts from Buffalo Crushed Stone, Inc. Figure 3 shows the limits of the excavation where backfill was placed.

4.6 Contamination Remaining at the Site

The residual contamination remaining at the Site includes certain VOCs and SVOCs above unrestricted SCOs as summarized in Table 3. The sample locations exceeding unrestricted SCOs are shown on Figure 3. The low-level VOCs are located at least 12 fbgs beneath approximately 12-feet of clean compacted gravel and the concrete building foundation. The low-level SVOCs are also located within an area of the Site that will be covered with asphalt pavement. Residual concentrations of petroleum VOCs in groundwater are summarized in Table 4, with corresponding sample locations shown on Figure 3.

Since there are some constituents of concern remaining in soil above unrestricted SCOs and in groundwater slightly above NYSDEC Groundwater Quality Standards (GWQS) after completion of the Remedial Action, Institutional Controls are required to protect human health and the environment. These Institutional Controls (ICs) are described below. Long-term management of these ICs and residual contamination will be performed under the SMP approved by the NYSDEC.

4.7 Institutional Controls

The site remedy requires that an environmental easement be placed on the property to (1) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (2) limit the use and development of the Site to restricted-residential use or more restricted uses (i.e., commercial or industrial).

The environmental easement for the site was executed by the Department on December 15, 2009, and filed with the Erie County Clerk on December 18, 2009. The Erie

County Recording Identifier number for this filing is Control No. 2009255053. A copy of the easement and proof of filing is provided in Appendix L.

4.8 Deviations from the Remedial Action Work Plan

The following deviations are noted:

- Two additional USTs (Tank D and Tank E) were discovered during remedial excavation activities. These USTs were handled in the same manner as the three USTs (Tanks A, B, and C) described in the RI/AAR/IRM Work Plan (September 2008);
- During the course of the remedial activities, the applicant (1093 Group, LLC) decided to remediate the Site to a higher level than stated in the approved RI/AAR/IRM Work Plan (September 2008) and cleaned up the Site to Part 375 Restricted-Residential SCOs;
- Surface soils in the southeast portion of the site were removed to achieve residential SCOs; and,
- Although not required as part of the final remedy, as a "best management practice" one minor modification to the Work Plan was the installation of a slow-release Oxygen Release Compound (ORC®) sock in MW-1 to enhance natural degradation of petroleum VOCs in that area.

5.0 REFERENCES

TurnKey Environmental Restoration, LLC. 2008. *Remedial Investigation/Alternative Analysis Report/Interim Remedial Measures Work Plan, Niagara Street and Pennsylvania Avenue Site, Buffalo, New York*. October 2007, Revised September 2008.

TurnKey Environmental Restoration, LLC. 2009. *Draft Site Monitoring Plan, 517 Niagara Street Site, Buffalo, New York*. August 2009.

New York State Department of Environmental Conservation. *Draft DER-10; Technical Guidance for Site Investigation and Remediation*. December 2002.

New York State Department of Environmental Conservation. *6NYCRR Part 375; Environmental Remediation Programs, Subparts 375-1 to 375-4 & 375-6*. December 2006.

TABLES

TABLE 1

SUMMARY OF POST-EXCAVATION SOIL ANALYTICAL RESULTS

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE

BUFFALO, NEW YORK

Parameter [1]	Residential SCOs [2]	Sample Locations															
		Off-Site (Perimeter) Samples					On-Site Samples										
		SW-1	SW-2	SW-3	SW-4	SW-6	F-1	F-2	F-3	F-4	F-5	SW-5	SW-7	SW-8	SW-9	SW-10	Surface-2
STARS List Volatile Organic Compounds (VOCs) - mg/Kg																	
Methyl tert butyl ether (MTBE)	**62**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00061 J	ND	ND	ND	NA
Benzene	**2.9**	7.8	ND	0.28	0.0016	1.1	1.6	0.55 J	0.03	0.13	ND	0.014	ND	0.00073	ND	ND	NA
Toluene	**100**	9.5	ND	ND	0.00014	ND	0.78	0.062	0.0002	0.024	ND	0.00095	ND	ND	0.00099	ND	NA
Ethylbenzene	**30**	43	0.5	0.0054	ND	6.2	4	0.063	ND	0.35	ND	ND	ND	ND	0.0012	ND J	NA
Total Xylene	**100**	274	1.53	0.0073	0.0057	31.5	13	0.0052	0.00066	1.72	ND	0.0061	ND	0.00145	0.0075	0.0006 NJ	NA
Isopropylbenzene (Cumene)	**--**	5.1	0.11	0.31 J	ND J	0.96	0.14	0.0012 J	0.0011	0.015 J	ND	0.00076 J	ND	ND	0.00054 J	0.017	NA
n-Propylbenzene	**100**	19	0.38	0.5	ND	3.6	0.31	0.00075	0.0018	0.045 J	ND	0.001	ND	ND	ND J	0.025	NA
1,3,5-Trimethylbenzene	**47**	42	0.69	0.065 J	ND J	9.7	0.72	ND J	ND	0.1 J	ND	0.0022 J	ND	ND	0.0035 NJ	0.0015 NJ	NA
tert-Butylbenzene	**100**	ND	ND	0.02 NJ	ND	ND	ND	ND	ND	ND J	0.0022	ND	ND	ND	ND J	0.0016 NJ	NA
1,2,4-Trimethylbenzene	**47**	140	2.7	0.16 NJ	ND	33	3.5	ND	ND	0.58 J	ND	0.0067	ND	0.0014 J	0.013 NJ	ND	NA
sec-Butylbenzene	**100**	2.5 NJ	ND	0.27	ND	0.76	ND	ND	ND	ND J	0.014	ND	ND	ND	0.0035 NJ	0.024	NA
4-Isopropyltoluene	**--**	2 NJ	ND	0.0098 NJ	ND	0.7	ND	ND	ND	0.0038 J	ND	ND	ND	ND J	ND	0.0013 NJ	NA
n-Butylbenzene	**100**	11	0.21	0.22	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01 NJ	NA
STARS List Semi-Volatile Organic Compounds (SVOCs) - mg/Kg																	
Naphthalene	**100**	8.6	0.13	ND	ND	2	0.86	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35 D,J
Fluorene	**100**	0.089	ND	0.54 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	ND	ND
Phenanthrene	**100**	0.14	ND	0.66	0.13	ND	ND	ND	ND	ND	ND	0.12	0.12 J	ND	0.51	0.31 J	1.5 D,J
Anthracene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND
Pyrene	**100**	ND	ND	0.12	0.16	ND	ND	ND	ND	ND	ND	0.12	0.18 J	ND	0.51	0.2 J	ND
Benzo(a)anthracene	**1**	ND	ND	0.07 NJ	0.11	ND	ND	ND	ND	ND	ND	0.086	0.095 J	ND	0.3	0.12 J	1 D,J
Chrysene	**1**	ND	ND	0.084	0.099	ND	ND	ND	ND	ND	ND	0.082	0.094 J	ND	0.48	0.12 J	0.83 D,J
Benzo(b)fluoranthene	**1**	ND	ND	0.09	0.1	ND	ND	ND	ND	ND	ND	0.076	0.11 J	ND	0.23	ND	1.1 D,ID4,J
Benzo(k)fluoranthene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.089 NJ	ND	ND
Benzo(a)pyrene	**1**	0.32	ND	0.082	0.086	ND	ND	ND	ND	ND	ND	0.068	0.093 J	ND	0.22	0.11 J	0.75 D,J
Indeno(1,2,3-cd)pyrene	**0.5**	0.11	0.12	0.46	0.43	0.09	ND	ND	ND	ND	ND	0.46	ND	ND	0.2	0.097 J	0.4 D,J
Dibenzo(a,h)anthracene	**0.33**	ND	ND	0.41	0.4	ND	ND	ND	ND	ND	ND	0.43	ND	ND	ND	ND	0.16 D,J
Benzo(g,h,i)perylene	**100**	0.086	0.092	0.51	0.46	ND	ND	ND	ND	ND	ND	0.49	ND	ND	0.2	0.1 J	0.43 D,J
Fluoranthene	**100**	ND	ND	0.13	0.18	ND	ND	ND	ND	ND	ND	0.15	0.15 J*	ND	0.47 NJ	0.22 J	ND
Total Lead - mg/Kg																	
Lead	**400**	24.9 J	27.2 J	20.8 J	86.6 J	38.8 J	16.2 J	14.8 J	11.9 J	16.1 J	15.8 J	21.2 J	49.3 J	50.7 J	57.7 J	54.9 J	

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs.

Exceeds Residential SCO

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
D = Constituent identified at the second dilution level
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
E = Estimated value; compound exceeds the upper level of instrument range for the specified analysis.
N = Indicates a tentative identification based on presumptive evidence
* = LCS or LCSD exceeds the control limits

TABLE 2

SUMMARY OF MATERIALS DISPOSED/RECYCLED OFF-SITE

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE

BUFFALO, NEW YORK

Material / Item	Quantity	Units	Responsible Company	Disposal Location
Building Demolition Debris	36	tons	National Vacuum Corporation	Allied Waste Landfill, Niagara Falls, NY
Waste Oil (from drums in former Bldg.)	100	gal	National Power (National Vacuum)	Buffalo Biodiesel, Inc, Tonawanda, NY
Scrap Tires	1	load	Done Rite Sweeping, Inc (National Vacuum)	ARMI, Niagara Falls, NY
Concrete	150	tons	Zoladz Construction Company	Iron City, Lackawanna, NY
Gasoline/Water Mixture (USTs)	3,379	gal	New York Environmental Technologies, Inc. (NYETECH)	Industrial Oil Corp., Oriskany, NY
Waste Oil/Hydraulic Oil/Water Mixture	437	gal	New York Environmental Technologies, Inc. (NYETECH)	NorLite Corp., Cohoes, NY
Vacuum Truck Rinse Oil/Water Mixture	50	gal	New York Environmental Technologies, Inc. (NYETECH)	Cycle Chem, Inc., Lewisberry, PA
Steel USTs (recyceld for scrap)	5	tanks	Zoladz Construction Company	Iron City, Lackawanna NY / Metallico, Buffalo, NY
Hydraulic lift (recycled for scrap)	1	lift	Zoladz Construction Company	Iron City, Lackawanna NY
Petroleum-Impacted Soil/Fill	2,938	tons	Zoladz Construction Company	Model City Landfill, Model City, NY
Surface Soil/Fill	1,098	tons	Holler Excavation / Modern Disposal Services	Model City Landfill, Model City, NY
Excavation Groundwater Treated with Granular Activated Carbon	6,000	gal	Zoladz Construction Company / Buffalo Sewer Authority	City of Buffalo Sanitary Sewer via Reynolds Alley catchbasin
Granular Activated Carbon	986	lb	Rain for Rent (Siemens Water Technologies Corp.)	Siemens, Rochester, PA

TABLE 3

CONTAMINANTS REMAINING ONSITE ABOVE UNRESTRICTED SCOs

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE

BUFFALO, NEW YORK

Parameter [1]	Unrestricted SCOs [2]	Sample Location				
		F-1	F-2	F-4	SW-5	SURFACE-2
Volatile Organic Compounds (VOCs) - mg/Kg [3]						
Benzene	**0.06**	1.6	0.55 J	0.13	0.014	NA
Ethylbenzene	**1**	4	0.063	0.35	ND	NA
Methylene chloride	**0.05**	ND	ND	NA	ND	NA
Toluene	**0.7**	0.78	0.062	0.024	0.00095	NA
Total Xylene	**0.26**	13	0.0052	1.72	0.0061	NA
Isopropylbenzene (Cumene)	**--**	0.14	0.0012 J	0.015 J	0.00076 J	NA
n-Propylbenzene	**3.9**	0.31	0.00075	0.045 J	0.001	NA
1,3,5-Trimethylbenzene	**8.4**	0.72	ND J	0.1 J	0.0022 J	NA
tert-Butylbenzene	**5.9**	ND	ND	ND	ND	NA
1,2,4-Trimethylbenzene	**3.6**	3.5	ND	0.58	0.0067	NA
sec-Butylbenzene	**11**	ND	ND	ND	ND	NA
p-Cymene (p-isopropyltoluene)		ND	ND	0.0038 J	ND	NA
n-Butylbenzene	**100**	ND	ND	ND	ND	NA
Methyl tert butyl ether (MTBE)	**0.93**	ND	ND	ND	ND	NA
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]						
Naphthalene	**12**	0.86	ND	2.1	ND	ND
Phenanthrene	**100**	ND	ND	ND	0.12	1.5 D,J
Anthracene	**100**	ND	ND	ND	ND	0.35 D,J
Fluoranthene	**100**	ND	ND	ND	0.15	ND
Pyrene	**100**	ND	ND	ND	0.12	ND
Benzo(a)anthracene	**1**	ND	ND	ND	0.086	1 D,J
Chrysene	**1**	ND	ND	ND	0.082	0.83 D,J
bis(2-Ethylhexyl)phthalate	**--**	ND	ND	NA	ND	ND
Benzo(b)fluoranthene	**1**	ND	ND	ND	0.076	1.1 D,ID4,J
Benzo(k)fluoranthene	**0.8**	ND	ND	ND	ND	ND
Benzo(a)pyrene	**1**	ND	ND	ND	0.068	0.75 D,J
Indeno(1,2,3-cd)pyrene	**0.5**	ND	ND	ND	0.46	0.4 D,J
Dibenzo(a,h)anthracene	**0.33**	ND	ND	ND	0.43	0.16 D,J
Benzo(g,h,i)perylene	**100**	ND	ND	ND	0.49	0.43 D,J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non·
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparison to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
D = Constituent identified at the second dilution level
B = Analyte was detected in the associated blank as well as in the sample. Value is above the action level for consideration as being external c
ID4 = Benzo(b)flouranthene coelutes with benzo(k)flouranthene. The reported result is a summation of the isomers.
* = Indicates the spike or duplicate analysis is not within the quality control limits.

Exceeds Unrestricted SCO

TABLE 4

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE

BUFFALO, NEW YORK

PARAMETER[1]	GWQS/ GV[2]	MW-1		MW-3		MW-4		MW-5		MW-6	
TCL + STARS LIST Volatile Organic Compounds (VOCs) - ug/L											
Acetone	**50**	120	J	10	J	0.69	J	2.8	J	29	J
Benzene	**1**	990		0.37	J	0.81		1.1		3.1	
Methyl Ethyl Ketone (MEK)	**50**	ND		ND		ND		0.94	J	4.1	
Carbon disulfide	**60**	4.5	J	3.5		1.3		2		5.8	
Chloroform	**7**	ND		ND		ND		ND		ND	
1,2-Dichloroethane	**0.6**	17		ND	*	ND		ND	*	ND	*
Ethylbenzene	**5**	26		1.4		1.8		1.7		2.2	
2-Hexanone	**50**	ND		ND		ND		1.2	J	1.5	J
Methylene Chloride	**5**	7.2	J	ND		ND		ND		ND	
Methyl tert-butyl ether (MTBE)	**10**	170		ND		ND		ND		0.88	
Toluene	**5**	16		0.74		0.83		0.79		0.9	
Xylenes, Total	**5**	64		0.23	J	2		0.53	J	2.4	
m-Xylene & p-Xylene	**5**	27	J	0.23	J	0.55	J	0.53	J	0.79	J
o-Xylene	**5**	37		ND		1.5		ND		1.6	
Isopropylbenzene	**5**	17		ND		ND		ND		ND	
N-Propylbenzene	**5**	13		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	**5**	28		ND		ND		0.91	J	ND	
1,2,4-Trimethylbenzene	**5**	ND		ND		ND		1.2		1.2	
TCL Semi-volatile organic compounds (SVOCs) - ug/L											
2,4-Dimethylphenol	**50**	5.8		ND		ND		ND		ND	
2-Methylnaphthalene	**5**	1.6	NJ	ND		ND		ND		ND	
Acetophenone	**--**	7.6		ND		ND		ND		1.5	J
Bis(2-ethylhexyl) phthalate	**5**	1.6	J	ND		0.66	J	1.3	J	2.2	J
Di-n-butyl phthalate	**5**	ND		ND		0.42	J	0.36	J	ND	
Fluorene	**50**	ND		ND		ND		0.32	J	ND	
Phenanthrene	**50**	ND		ND		0.81	J	ND		ND	
Phenol	**1**	65		ND		ND		ND		ND	
TAL METALS - ug/L											
Aluminum	**--**	NA		690		450		1200		NA	
Arsenic	**25**	NA		ND		7.2	J	ND		NA	
Barium	**1000**	NA		31		57		41		NA	
Calcium	**--**	NA		97600		125000		150000		NA	
Cobalt	**--**	NA		1.9	J	1.9	J	3.6	J	NA	
Chromium	**50**	NA		0.99	J	ND		1.5	J	NA	
Copper	**200**	NA		4.5	J	5.8		5.8		NA	
Iron	**300**	NA		1100		720		2000		NA	
Potassium	**--**	NA		7500		13000		5400		NA	
Magnesium	**35000**	NA		40800		24100		39100		NA	
Manganese	**300**	NA		170		130		640		NA	
Sodium	**20000**	NA		20900		9700		21600		NA	
Nickel	**100**	NA		3.6	J	1.9	J	4.9	J	NA	
Lead	**25**	6.4	J	2.7	J	ND		6.3	J	4.2	J
Thallium	**8**	NA		ND		ND		4.7	J	NA	
Vanadium	**--**	NA		2.9	J	1.8	J	3.9	J	NA	
Zinc	**2000**	NA		9.1	J	36		18	J	NA	
Selenium	**--**	NA		ND		19	J	ND		NA	

Notes:

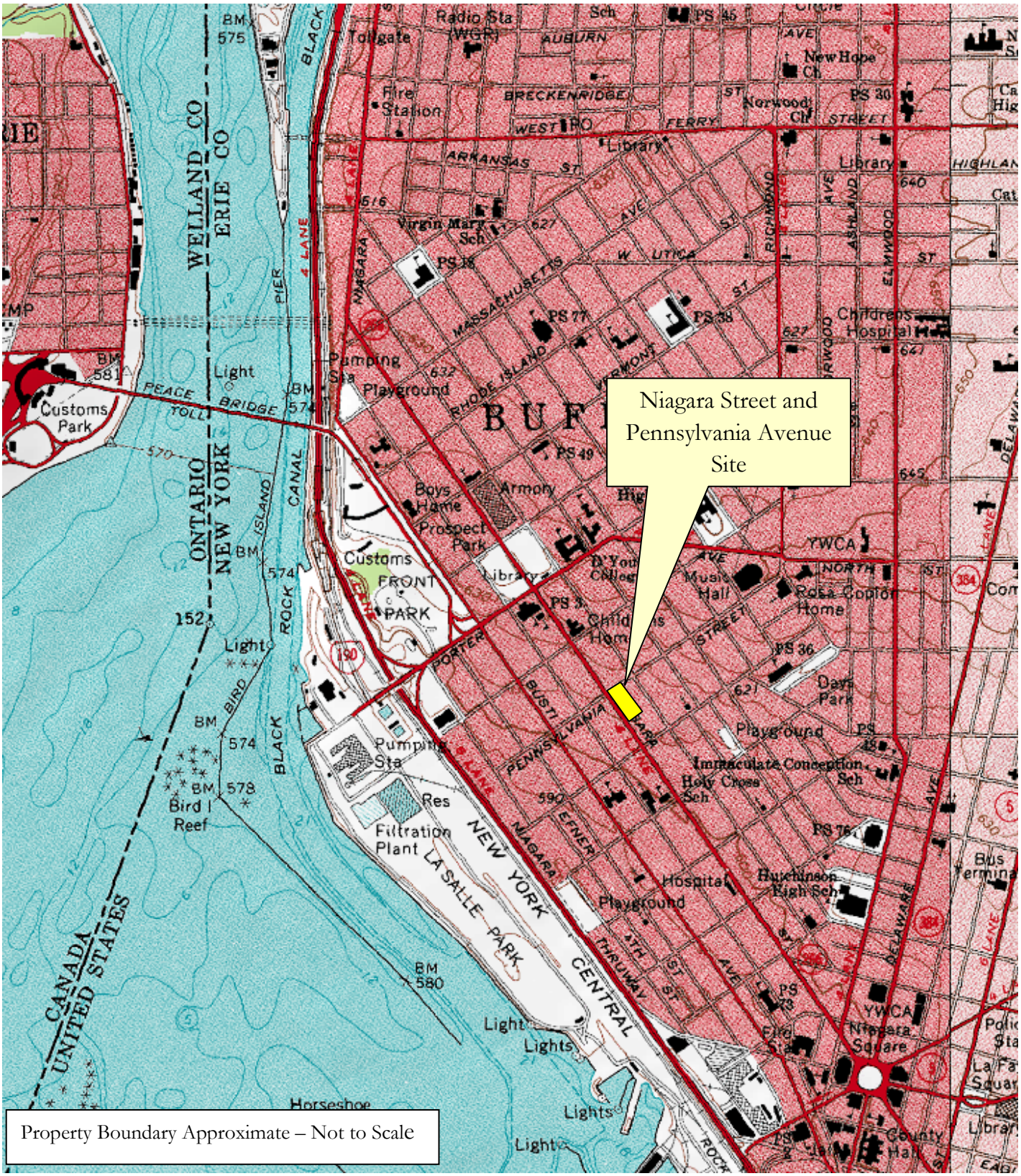
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations - GA Class (TOGS 1.1.1)
3. Blind duplicate collected from MW-5.

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No GWQS available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
N = Indicates a tentative identification based on presumptive evidence
* = Indicates the spike or duplicate analysis is not within the quality control limits.
= Indicates that the sample result exceeds standard.

FIGURES

FIGURE 1



TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0136-002-301

DATE: SEPTEMBER 2009

DRAFTED BY: NTM

SITE LOCATION AND VICINITY MAP

FINAL ENGINEERING REPORT

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE
BCP SITE No. C915223
BUFFALO, NEW YORK

PREPARED FOR

1093 GROUP, LLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0136-002-302

DATE: SEPTEMBER 2009

DRAFTED BY: NTM

SITE PLAN (PRE-REMEDIATION)

FINAL ENGINEERING REPORT

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE
BCP SITE No. C915223
BUFFALO, NEW YORK

PREPARED FOR
1093 GROUP, LLC

FIGURE 2

PENNSYLVANIA AVENUE

NIAGARA STREET

REYNOLDS ALLEY

CONCRETE SIDEWALK

CONCRETE SIDEWALK

OFF-SITE

MW-1

SW-2

SW-6

MW-2

SW-10

MW-3
(B-3)

TANK A

TANK B

TANK C

TANK D

TANK E

FORMER
CANOPY

FORMER AUTO
REPAIR BUILDING

SW-1

F-1

F-4

SW-9

F-5

SW-8

SW-3

F-2

F-3

B-7

SW-4

SW-7

SW-5

SS

SS

SS

MW-6
(B-6)

MW-5
(B-5)

(B-4)
MW-4

16' 0' 16' 32'

SCALE: 1 INCH = 16 FEET
SCALE IN FEET
(approximate)

BCP PROPERTY BOUNDARY

PARCEL BOUNDARIES

APPROXIMATE EXCAVATION LIMITS

APPROXIMATE SURFACE SOIL REMOVAL LIMITS

MW-4 MONITORING WELL LOCATIONS

B-7 SOIL BORING LOCATION

SW-3 CONFIRMATORY SIDEWALL SAMPLE LOCATIONS

F-2 CONFIRMATORY FLOOR SAMPLING LOCATIONS

SS COMPOSITE SURFACE-2 SOIL SAMPLING LOCATIONS

OFF-SITE OFF-SITE SUBSURFACE SAMPLING LOCATION

TANK E FORMER UST LOCATIONS

FORMER IN-GROUND HYDRAULIC LIFT LOCATION

OFF-SITE EXCAVATION FOR UTILITIES

DATE: SEPTEMBER 2009
DRAFTED BY: NTM

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

TurnKey Environmental Restoration, LLC

JOB NO.: 0136-002-302

SUMMARY OF REMEDIAL MEASURES

FINAL ENGINEERING REPORT

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE
BCP SITE No. C915223
BUFFALO, NEW YORK

PREPARED FOR
1093 GROUP, LLC

FIGURE 3

APPENDIX A

SURVEY MAP
METES & BOUNDS

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

LOCATION MAP
NOT TO SCALE

PROPERTY DESCRIPTION:

PARCEL A:

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie, and State of New York, being part of Block No. 78 in said City, also being subdivision lot's 1 thru 4 inclusive and Sublot 15 as shown on a map filed in the Erie County Clerk's Office under Cover No. 75, plus additional lands further bounded and described as follows:
BEGINNING at the point of intersection between the northeasterly line of Niagara Street with the southeasterly line of Pennsylvania Street (as a street 66 feet wide); running thence northeasterly along said southeasterly line of Pennsylvania Street one hundred twenty–five (125) feet more or less to the northwesterly line of an alley as shown on said Cover No. 75 also known as Reynolds Alley; running thence southeasterly at right angles along said northwesterly line of Reynolds Alley one hundred forty–one and one–half (141.5) feet to the southeast corner of subdivision lot number 15 of said Cover No. 75; thence southwesterly at right angles and parallel to Pennsylvania Street one hundred twenty–five (125) feet more or less to a point in the northeasterly line of Niagara Street, said point also being the southwest corner of said subdivision lot 15; thence northwesterly at right angles along said northeasterly line one hundred forty–one and one–half (141.5) feet to the POINT OF BEGINNING containing 0.412 acres of land more or less.

PARCEL B:

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie, and State of New York, being part of Block No. 78 in said City, also being subdivision lot number 6 as shown on a map recorded in the Erie County Clerk's Office under Cover No. 75, plus additional lands further bounded and described as follows:
BEGINNING at the point of intersection between the northeasterly line of Reynolds Alley and the southeasterly line of Pennsylvania Street (as a street 66 feet wide); running thence northeasterly along said southeasterly line of Pennsylvania Street twenty–five (25) feet; thence southeasterly at right angles and parallel to the northeasterly line of Reynolds Alley one hundred sixteen and one–half (116.5) feet to the southeasterly corner of subdivision lot number 6 as shown on said Cover No. 75; thence southwesterly at right angles and parallel to the southeasterly line of Pennsylvania Street twenty–five (25) feet to a point in the northeasterly line of Reynolds Alley, said point being the southwest corner of said subdivision lot number as shown on said cover; thence northwesterly along said northeasterly line of Reynolds Alley one hundred sixteen and one–half (116.5) feet to the POINT OF BEGINNING containing 0.07 acres of land more or less.

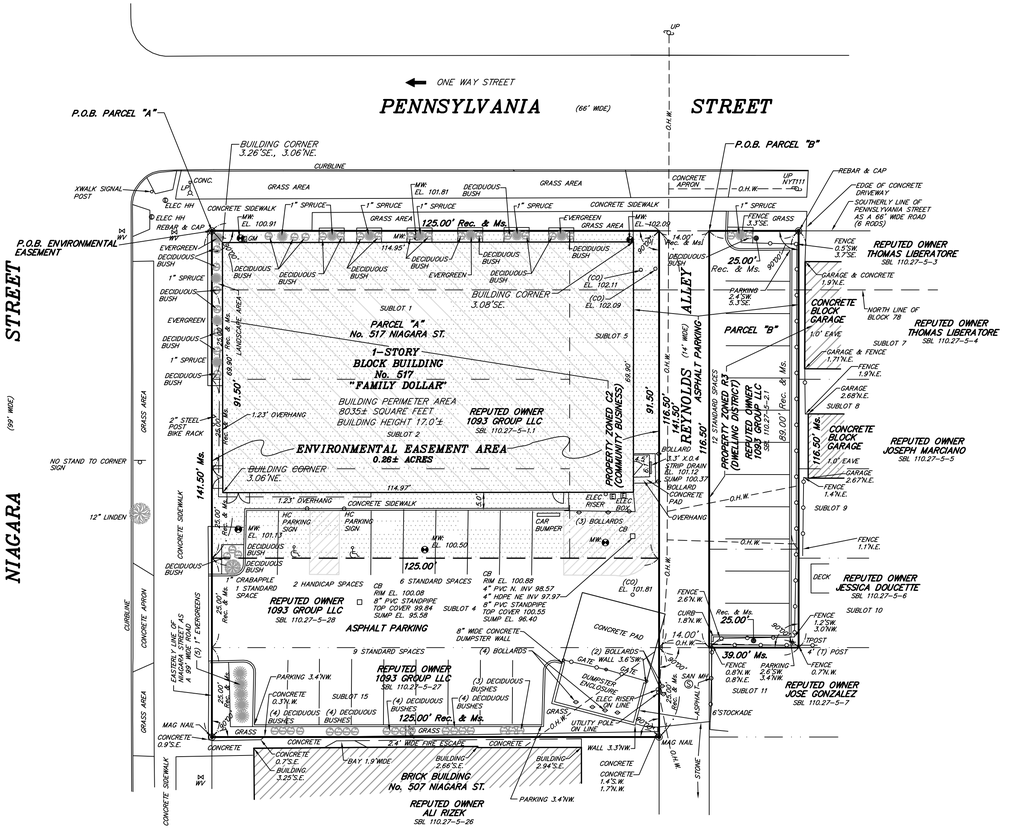
ENVIRONMENTAL EASEMENT:

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie, and State of New York, being part of Block No. 78 also being subdivision lot numbers 1, 2, 3 as shown on a map filed in the Erie County Clerk's Office under Cover No. 75, plus additional lands further bounded and described as follows:
BEGINNING at the point of intersection between the northeasterly line of Niagara Street (as a street 99 feet wide) and the southeasterly line of Pennsylvania Street (as a street 66 feet wide); running thence northeasterly along said southeasterly line of Pennsylvania Street one hundred twenty–five (125) feet more or less to the westerly line of an alley as shown on said Cover No. 75 also known as Reynolds Alley; running thence southeasterly at right angles along said westerly line of Reynolds Alley ninety–one and one–half (91.5) feet to the southeasterly corner of said subdivision lot number 5; thence southwesterly at right angles and parallel with Pennsylvania Street one hundred twenty–five (125) feet more or less to a point in the northeasterly line of Niagara Street, also being the southwesterly corner of said subdivision lot number 3; thence northwesterly at right angles along said northeasterly line ninety–one and one–half (91.5) feet to the POINT OF BEGINNING containing 0.26 acres of land, more or less. Said easement being a portion of Parcel "A", S.B.L. 110.27–5–1.1

TO:
THE NEW YORK STATE – DEPARTMENT OF ENVIRONMENTAL CONSERVATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS," JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS IN 2005. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF NEW YORK, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

DATE: JULY 1, 2009 _____ N.Y.S.P.L.S. #050204
DOUGLAS R. HAGER



GENERAL NOTES:

1. ALL ELEVATIONS BASED ON ASSUMED DATUM, BENCHMARK DESCRIPTION BENCHMARK #1: X–CUT ON WEST BONNET BOLT ON HYDRANT 150± EAST OF THE NORTHEAST COR. OF NIAGARA & PENNSYLVANIA, EL.= 104.20 (SEE MAP)
BENCHMARK #2 X–CUT ON SOUTH BONNET BOLT ON HYDRANT LOCATED AT THE NORTHEAST CORNER OF NIAGARA & PENNSYLVANIA, EL. = 102.88 (SEE MAP.)
2. ALL UNDERGROUND UTILITIES ON THIS MAP WERE LOCATED USING INFORMATION FURNISHED BY THE RESPECTIVE UTILITY COMPANY AND VARIOUS ENGINEERING DRAWINGS. ACCURACY IS NOT GUARANTEED – ALL UNDERGROUND UTILITIES SHOULD BE LOCATED BY AN UNDERGROUND LOCATING SERVICE BEFORE ANY DIGGING SHOULD START
3. THE SUBJECT PROPERTY LIES WITHIN AN "X" ZONE (AREA OF MINIMAL FLOODING) PER FLOOD INSURANCE RATE MAP (FIRM) FOR COMMUNITY PANEL NUMBER 3602300015 C WITH AN AFFECTIVE DATE OF AUGUST 8, 1999.
4. THE SUBJECT PROPERTY HAS DIRECT ACCESS TO NIAGARA STREET AND PENNSYLVANIA STREET BOTH STREETS BEING A DEDICATED PUBLIC STREET OR HIGHWAY.
5. PROPERTY ZONING – C2 (COMMUNITY BUSINESS DISTRICT) AND R3 (DWELLING DISTRICT) SEE MAP FOR LIMITS.
C2 (COMMUNITY BUSINESS DISTRICT)
MAXIMUM BUILDING HEIGHT – 3 STORIES OR 40'
MINIMUM LOT SIZE – 20' FRONTAGE AND 200' DEPTH
FRONT YARD – FOR COMMERCIAL BUILDING: NONE EXCEPT THAT WHERE PART OF THE BLOCK FRONTAGE IS LOCATED IN AN R DISTRICT, THE FRONT YARD REQUIREMENT OF SUCH R DISTRICT SHALL APPLY IN THE C2 DISTRICT, BUT THIS PROVISION SHALL NOT BE INTERPRETED TO REQUIRE A FRONT YARD GREATER THAN THE SETBACK OF ANY BUILDING EXISTING IN THE SAME BLOCK FRONTAGE.
MINIMUM YARD FOR COMMERCIAL BUILDING ADJACENT TO R DISTRICT
SIDE LOT LINE: WHERE THE SIDE OR REAR OF A LOT IN THE C2 DISTRICT ADJOINS THE SIDE LOT LINE OF A PARCEL OF LAND IN ANY R DISTRICT, NO PRINCIPAL OR ACCESSORY BUILDING SHALL BE ERECTED ON SUCH LOT NEARER THAN 3 FEET TO SUCH SIDE LOT LINE WHERE WITHIN 60' OF A STREET LOT LINE. ON THAT PORTION OF THE C1 LOT WITHIN 25' OF THE R PROPERTY, NO PRINCIPAL OR ACCESSORY BUILDING SHALL BE ERECTED NEARER TO THE STREET LOT LINE THAN THE FRONT YARD DEPTH REQUIRED IN THE R DISTRICT.
R3 (DWELLING DISTRICT)
FRONT YARD & REAR YARD – EACH NOT LESS THAN 15% OF THE AVERAGE LOT DEPTH, BUT NEED NOT EXCEED 20'
SIDE YARD – EACH SIDE YARD SHALL BE AT LEAST 3' WIDE, AND THE TOTAL WIDTH OF BOTH SHALL BE AT LEAST 20% OF THE LOT WIDTH, BUT NEED NOT EXCEED 15'.
6. TOTAL NUMBER OF PARKING SPACES – 28 STANDARD SPACES & 2 HANDICAP SPACES = 30 TOTAL
7. BUILDING HEIGHT 17± ABOVE GROUND

ABBREVIATIONS

Ms. – MEASURED
Rec. – RECORD
SW – SIDEWALK
BC – BOTTOM CURB
TC – TOP CURB
EP – EDGE PAVEMENT
UPT – UTILITY POLE & TRANSFORMER
YD – YARD DRAIN
O.H.W. – OVERHEAD WIRES
S – SERVICE BOX
WFM – WATER PAINT MARK

INSTITUTIONAL CONTROLS

(I) ANY USE OF GROUNDWATER AS A SOURCE OF POTABLE OR PROCESS WATER WITHOUT NECESSARY WATER QUALITY TREATMENT, AS DETERMINED BY THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) AND PRIOR NOTIFICATION AND APPROVAL OF THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC), SHALL NOT BE PERMITTED.

(II) A SOIL VAPOR INVESTIGATION MUST BE CONDUCTED AND A VAPOR SYSTEM MUST BE INSTALLED, IF DEEMED NECESSARY BY THE NYSDOH AND NYSDEC, FOR ANY BUILDINGS DEVELOPED ON THE SITE, INCLUDING PROVISIONS FOR MITIGATING ANY IMPACTS IDENTIFIED.

(III) FUTURE INTRUSIVE ACTIVITIES AND SOIL/FILL HANDLING AT THE SITE MUST BE COMPLETED IN A SAFE AND ENVIRONMENTALLY RESPONSIBLE MANNER IN ACCORDANCE WITH THE EXCAVATION WORK PLAN.

(IV) GROUNDWATER MONITORING PLAN; A SOIL VAPOR INVESTIGATION (SVI) EVALUATION; AND, A SITE–WIDE INSPECTION ASSURING THAT THE INSTITUTIONAL CONTROLS HAVE NOT BEEN ALTERED AND REMAIN EFFECTIVE MUST BE CONDUCTED IN ACCORDANCE WITH THE SITE MONITORING PLAN.

LEGEND

PK	NAIL	TREE NAME	DECIDUOUS TREE
REBAR	REBAR	TRAFFIC MH	TRAFFIC MANHOLE
IP	IRON PIPE	MH	UNKNOWN MANHOLE
+759.10	GROUND SHOT (HARD)	CBR	ROUND CATCH BASIN
+759.1	GROUND SHOT (SOFT)	CB	CATCH BASIN
UP	UTILITY POLE	STORM MH	STORM MANHOLE
UP/L	UP/L	SAN MH	SANITARY MANHOLE
GUY	GUY WIRE	CO	CLEANOUT
HYD	HYDRANT	TBOX	TELEPHONE BOX
WM	WATER METER	ELEC BOX	ELECTRIC BOX
WV	WATER VALVE	POST	POST
GLM	GASOLINE MARKER	SIGN	TWO POST SIGN
GM	GAS METER	SIGN	ONE POST SIGN
GV	GASOLINE VALVE	LP	ONE HEAD LIGHT POLE
SB	UTILITY SERVICE BOX	LP	TWO HEAD LIGHT POLE
MW: TOC ELEV: 102.84	MONITORING WELL	YD	YARD DRAIN
	BOLLARD		DECIDUOUS BUSH
			CONIFEROUS TREE

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

REV	DESCRIPTION	DATE	BY

Designed by:	Field Date: 11/04/09
Drawn by: GEM/CJH	Office Date: 11/5/09
Checked by: WW	Job No. 2009.0275.00
Dwg Scale: Horiz: 1" = 20' Vert:	Book: 72 Page: 67 Map No. 59634–AB File Name: 59634–AB_BUILT–59634.dwg

TVGA CONSULTANTS
1000 MAPLE ROAD
ELMA, NEW YORK 14059–9530
T: 716.655.0850
F: 716.655.0937
www.tvga.com

NEW YORK
COUNTY OF ERIE
CITY OF BUFFALO

DEC ALTA/ACSM LAND TITLE SURVEY
FAMILY DOLLAR #517 NIAGARA STREET
PART OF BLOCK 78
SUBLOTS 1-6 INCLUSIVE & SUBLOT 15 ~ MAP COVER 75
PLUS ADDITIONAL LANDS

MAP NUMBER:
59634-AB

APPENDIX B

ELECTRONIC COPY OF
FINAL ENGINEERING REPORT

(CD ENCLOSED)

APPENDIX C

NON-AGENCY PERMITS APPLICATIONS AND APPROVALS

Permit No.:09-02-TP156

EPA CATEGORY 40 CFR 403
Expiration Date: June 30, 2009
Date Paid: January 30, 2009

BUFFALO SEWER AUTHORITY

TEMPORARY DISCHARGE PERMIT

Permittee: TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Location Address: 726 EXCHANGE STREET, BUFFALO, NEW YORK, 14210

The above named Permittee is hereby approved to discharge **pretreated groundwater** only, from:

517 NIAGARA STREET, BUFFALO, NEW YORK, 14202

to the Buffalo Sewer Authority facilities in accordance with the Buffalo Sewer Authority Regulations, Article VI, Section 14, and subject to the following conditions:

ARTICLE 1 CONDITIONS OF ACCEPTANCE

The discharge of the approved waste by the Permittee shall be subject to the following conditions:

a. Times, Location & Rate

The following location is designated for discharge during the hours listed and subject to the limit for rate of discharge specified:

Location: (see attached map)

Time Discharge is Permitted: 07:00 AM to 07:00 PM Monday thru Sunday

Limit on Rate of Discharge: 60 gallons per minute, dry weather only.

b. Operations

The Permittee shall maintain cleanliness, minimize odors and protect the Buffalo Sewer Authority facilities during the permittee's operations. The Permittee shall not permit any condition to arise which may pose a threat to public health or safety.

c. Samples and Analyses

The Buffalo Sewer Authority may from time to time, require the Permittee to sample and analyze its waste discharges. Such sampling and analyses shall be performed and results submitted by a New York State Dept. of Health certified laboratory. The analyses required shall be as specified by the Buffalo Sewer Authority, which also reserves the right, at its convenience, to sample wastes discharged by the Permittee.

d. Refusal to Discharge

The Buffalo Sewer Authority may refuse the Permittee permission to discharge wastes at any time and for any reason whatsoever, for the protection of sewer facilities against damage or flooding; to assure the proper operation and maintenance of said facilities; or to protect public health, safety or welfare.

e. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

ARTICLE 2 REGULATIONS

The Permittee must conform to all Buffalo Sewer Authority regulations and appropriate Federal, State and County Statutes, rules, mandates, directives, and orders concerning the collection, transportation, treatment and disposal of wastewaters.

ARTICLE 3 INSURANCE AND INDEMNIFICATION

The Permittee, agrees to indemnify and hold harmless the Buffalo Sewer Authority and its agents and employees against any and all claims resulting from work performed under this permit. The permittee shall be solely responsible for any and all injury or damage to its employees or property arising from use of Buffalo Sewer Authority facilities under this permit.

In the event of any alteration, non-renewal or cancellation of these policies, at least (45) forty-five days advance notice shall be given to the Industrial Waste Section, Bird Island Treatment Plant, 90 West Ferry Street, Buffalo, New York 14213 - before such change shall be effective.

ARTICLE 4 TERMINATION FOR VIOLATION OF AGREEMENT

In the event of a violation of any of the terms and conditions of this permit by the Permittee or upon the failure to pay the charges herein specified, the Buffalo Sewer Authority shall terminate the permit by service of notice of termination by registered mail at the Permittee's office address as set forth above.

ARTICLE 5 PERMITTEE APPROVAL

Official M/K Lesakowski (Print Name) Title Project Manager (Print)

Signature [signature] Date 2/3/09

ARTICLE 6 BUFFALO SEWER AUTHORITY APPROVAL

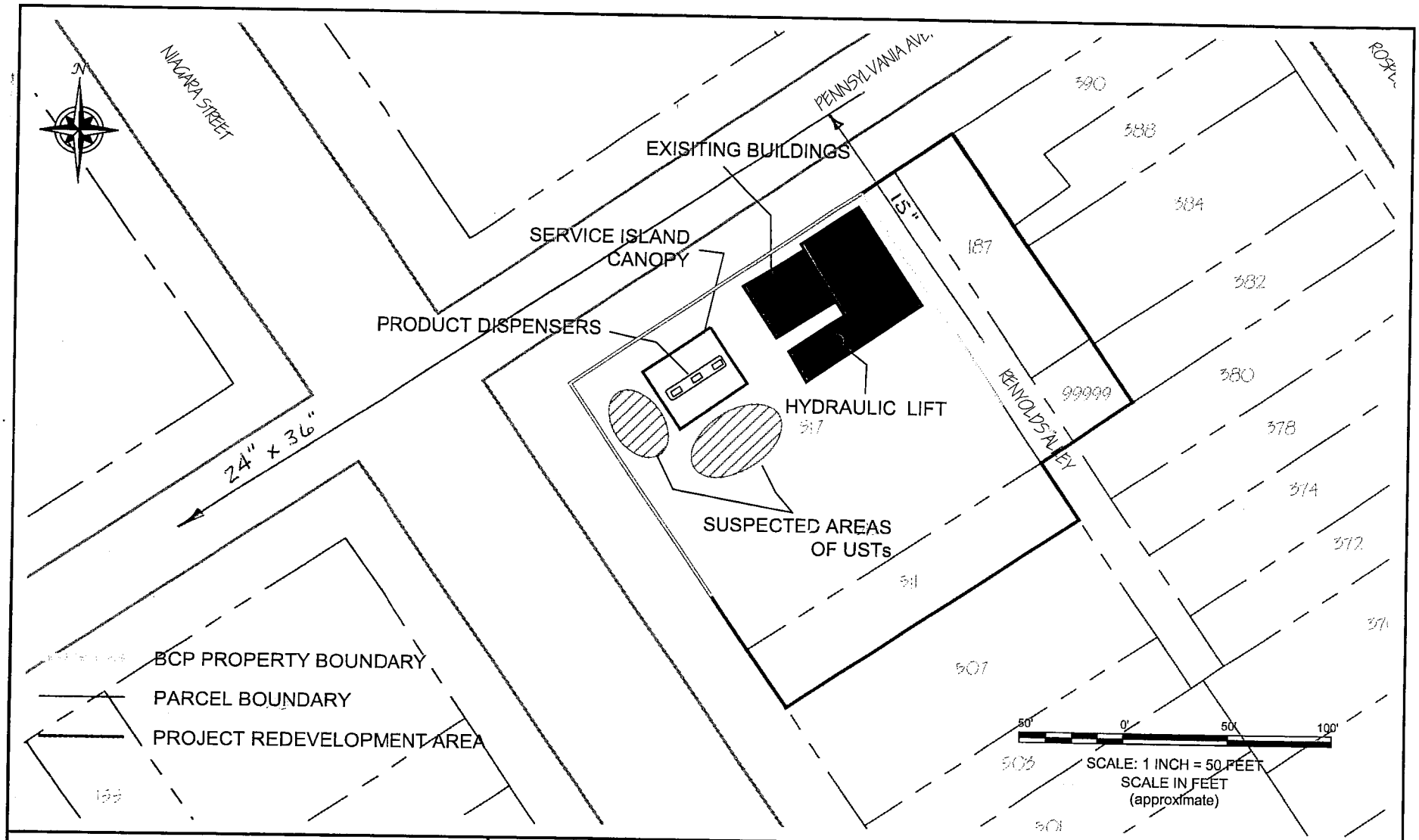
Approved as to Content:

Signature L. Sadith (Industrial Waste Administrator) Date 02/04/09

Effective this 9th day of February, 2009

[signature]

General Manager
Buffalo Sewer Authority



TURNKEY ENVIRONMENTAL RESTORATION, LLC
726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0635

PROJECT NO.: 0136-002-101

DATE: SEPTEMBER 2008

DRAFTED BY: NTM

SITE PLAN MAP

RI/AAR/IRM WORK PLAN

NIAGARA STREET AND PENNSYLVANIA AVENUE SITE

BUFFALO, NEW YORK

PREPARED FOR

9154 GROUP, LLC

FIGURE 2

FOR BUFFALO SEWER AUTHORITY USE ONLY
Date Application Received:_____
Permit Number:_____
Industrial Waste Investigator:_____

BUFFALO SEWER AUTHORITY
TEMPORARY DISCHARGE PERMIT APPLICATION

GENERAL INFORMATION

A 1. Applicant Business Name: Turnkey Environmental Restoration, LLC

A. 2a. Business address:

726 Exchange St Suite 624 | Buffalo | NY | 14210
Street | City | State | Zip

A 2b. Mailing Address (*if different than above*):

– Same —
Street | City | State | Zip

A 3. Chief Business Official:

Paul Werthman P.E. | President
Name | Title

A 4. Person to be contacted about this application:

Mike Lesakowski | Project Manager
Name | Title

856-0635 | 856-0583 | mlesakowski@turnkeyllc.com
Phone | Fax | E-Mail

A 5. Person to be contacted in case of emergency:

Mike Lesakowski | Project Manager
Name | Title

856-0635 | —
Day phone | After hours phone

818-3954
Cell phone

A 6. Insurance Agent(s) of responsible party: Travelers

Certificate of Insurance for responsible party must be attached.

WASTESTREAM

B 1. Location of Wastestream:

Name

517 Niagara St. Buffalo NY

Street City State Zip

B 2. Source of Wastestream: Excavation - Groundwater

B 3. Volume of Wastestream: 20,000 average flow (gals/day); 1 peak flow (gals/sec)

B 4. Duration of Discharge: 1 month

B 5. Variability of Wastestream Volume: Yes ✓ No _____

If yes, explain Groundwater related to cleanup of former gas station.

B 6. Attach analytical data (if available)

C 1. Map must be attached detailing source of wastestream, proposed pretreatment equipment and discharge location.

I have personally examined, and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information.

1/30/09

Date

Signature of Official

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 1/16/2009

PRODUCER (716)819-5500 FAX: (716)819-5140
First Niagara Risk Management, Inc
726 Exchange Street, Suite 900
Buffalo NY 14210

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
Benchmark Environmental Engineering & Science
dba Turnkey Environmental Restoration LLC
726 Exchange Street,Suite 624
Buffalo NY 14210

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Travelers Indemnity Co of	
INSURER B: Utica National Assurance	10687
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
		GENERAL LIABILITY					
		☐ COMMERCIAL GENERAL LIABILITY				EACH OCCURRENCE	$
		☐ CLAIMS MADE ☐ OCCUR				DAMAGE TO RENTED PREMISES (Ea occurrence)	$
						MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$
		GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	$
		☐ POLICY ☐ PRO-JECT ☐ LOC					
A		AUTOMOBILE LIABILITY					
		X ANY AUTO				COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
		☐ ALL OWNED AUTOS	BA3435M71408SEL	6/1/2008	6/1/2009	BODILY INJURY (Per person)	$
		☐ SCHEDULED AUTOS					
		X HIRED AUTOS				BODILY INJURY (Per accident)	$
		X NON-OWNED AUTOS					
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		☐ ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		☐ OCCUR ☐ CLAIMS MADE				AGGREGATE	$
							$
		☐ DEDUCTIBLE					$
		☐ RETENTION $					$
B		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				X WC STATU-TORY LIMITS ☐ OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	4046192	6/1/2008	6/1/2009	E.L. EACH ACCIDENT	$ 1,000,000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
						E.L. DISEASE - POLICY LIMIT	$ 1,000,000
		OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER

**********SAMPLE CERTIFICATE**********

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Joe Teresi/BSMITH

APPENDIX D

NYSDEC PERMIT APPLICATIONS AND APPROVALS

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2915
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

November 18, 2008

Mr. Michael Lesakowski
Project Manager
Benchmark Environmental Engineering & Science, PLLC
726 Exchange Street, Suite 624
Buffalo, New York 14210

Dear Mr. Lesakowski:

BCP # C915223
Niagara Street and Pennsylvania Avenue Site
City of Buffalo, Erie County

The New York State Department of Environmental Conservation ("the Department") and the New York State Department of Health (NYS DOH) has reviewed the revised Work Plan for Remedial Investigation/Alternative Analysis Report/Interim Remedial Measures ("the Work Plan"), Quality Assurance Project Plan ("the QAP Plan"), and the Citizen Participation Plan ("the CP Plan") for the Niagara Street and Pennsylvania Avenue Site, dated September 2008. The Department and the NYS DOH has determined that the documents substantially address the requirements of the Brownfield Cleanup Agreement and are approved.

Please ensure that copies of the final plans are placed at the public document repository, and the draft plans removed. In addition, please notify this Department at least 10 days prior to the commencement of field work activities. Thank you and we look forward to the successful completion of this project.

Sincerely,

William P. Murray

William P. Murray, P.E.
Project Manager

cc: Martin Doster, P.E. (NYSDEC)
Ms. Deanna Ripstein (NYS DOH)
Mr. Corey Stewart (9154 Group, LLC)
Mr. Bill Paladino (9154 Group, LLC)
Craig Slater, Esq. (Harter, Secrest & Emery)

TurnKey Environmental Restoration, LLC

September 29, 2009

Ms. Andrea Skalski
Petroleum Bulk Storage Program
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: BCP Site # C915223
Niagara Street and Pennsylvania Avenue Site

Dear Ms. Skalski:

TurnKey Environmental Restoration, LLC, on behalf of our client 1093 Group, LLC, has prepared this correspondence to transmit a completed NYSDEC Petroleum Bulk Storage Application to register three previously unregistered orphaned USTs.

During remedial activities at the Niagara Street and Pennsylvania Avenue BCP site, three orphaned USTs were discovered, subsequently removed, cleaned and disposed of for scrap. Any associated impacted soil/fill was excavated and properly disposed of off-site, as part of the remedial excavation being conducted under the brownfields program.

A portion of the BCP site was the former Marranca's Service Station (PBS No. 9-433713), and as such, the three USTs have been registered closed under that PBS record, in addition to the two registered USTs. The NYSDEC PBS records indicate that the two former registered USTs have been closed. A total of five USTs were removed from the site during remedial activities.

Please contact me if you have any questions.

Sincerely,

Nathan T. Munley
Project Environmental Scientist

cc: Mr. Corey Stewart (1093 Group, LLC)
Mr. William Murray, PE (NYSDEC)

File: 0136-002-302

(pbsrenew_sept2006)

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14

Section A
(Please be sure to complete Sections A & B)

Please Type or Print Clearly and Complete All Items

Return Completed Form & Fees To:

Expiration Date:

PBS Number 9-433713

DEC CBS Number: (If applicable)

DEC SPDES Number: (If applicable)

Transaction Type
(Check all that apply)
NOTE: Transaction Types 1, 2 and 5 may require a fee

- [ ] 1) Initial/ New Facility
- [ ] 2) Change of Ownership
- [X] 3) Tank Installation, Closing, Repair or Reconditioning
- [ ] 4) Information Correction
- [ ] 5) Renewal

FACILITY

Facility Name: former Murranca's Service Station
Location (Not P.O. Boxes): 521 Niagara Street
Location (cont.):
City: Buffalo | State: NY | Zip Code: 14201
County: Erie | Township or City:
Name of Operator at Facility: NA - Vacant/Closed | Facility Telephone Number: NA
Emergency Contact Name: NA | Emergency Telephone Number: NA

TYPE OF PETROLEUM FACILITY (Check only one)

- [ ] 01=Storage Terminal/Petroleum Distributor
- [ ] 02=Retail Gasoline Sales
- [ ] 03=Other Retail Sales
- [ ] 04=Manufacturing
- [ ] 05=Utility
- [ ] 06=Trucking/Transportation
- [ ] 07=Apartment/Office Building
- [ ] 08=School
- [ ] 09=Farm
- [ ] 10=Private Residence
- [ ] 11=Airline/Air Taxi
- [ ] 12=Chemical Distributor
- [ ] 13=Municipality
- [ ] 14=Refinery
- [ ] 15=Railroad
- [X] 99=Other (Specify): BCP Site No - C915223

OWNER

Owner Name: 1093 Group, LLC
Address (Street and/or P.O.): 517 Niagara St
City: Buffalo | State: NY | Zip Code: 14201
Federal Tax ID Number: 161039941 | Owner Telephone Number: (716) 854-0060
Type of Owner: 1 [ ] Private Resident 2 [ ] State Government [ ] Federal Government 3 [ ] Local Government 5 [X] Corporate/Commercial

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Name of Owner or Authorized Representative: COREY STEWART | Amount Enclosed: $ 0.
Title: PROJECT MANAGER
Signature: Corey Stewart | Date: 9/29/09

Application will be returned if any of these items are blank (except CBS & SPDES numbers) -or- if submitted without original signature and date

CORRESPONDENCE

(Please keep up to date - this information is used for mailing and contact puposes)

Attention: Corey Stewart - as representative for 1093 Group, LLC
Name of Company: 1093 Group, LLC
Address: 295 Main St., Suite 210
Address:
City/State/Zip Code: Buffalo NY 14203
Telephone Number: (716) 854-0060 | E-Mail Address:

OFFICIAL USE ONLY

Page ____ of ____
Date Received __/__/__
Date Processed __/__/__
Amount Received $ _____
Reviewed by _____

PBS Number:

Section B - Tank Information

(Please use the key located on the bottom of this sheet to complete each item/column)

Registration Expiration Date:

(1) Action	(2a) -Optional: If tank and piping models are entered then the shaded columns DO NOT have to be supplied. Tank and piping model codes are enclosed. Tank Model	(2a) -Optional: Piping Model	(2b)-Required: Tank Number	(3) Tank Location	(4) Status	(5) Installation or Permanent Closure Date (Month/ Day/Year)	(6) Capacity (Gallons)	(7) Product Stored (If Gas w/ethanol or Biodiesel list % additive) %	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Tank Dispenser	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Sec Containment	(20) Piping Leak Detection
3			003	5	3	2/2009	3000	0009	01	00	00	00	00	00	00	00	02	01	00	00	00
3			004	5	3	2/2009	1000	0009	01	00	00	00	00	00	00	00	02	01	00	00	00
3			005	5	3	2/2009	550	0022	01	00	00	00	00	00	00	00	00	00	00	00	00

Action (1)
1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

Tank Location (3)
1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack, or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Underground, vaulted, with access

Status (4)
1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Product Stored (7)
0001. #2 Fuel Oil
0002. #4 Fuel Oil
0003. #6 Fuel Oil
0011. Jet Fuel
0008. Diesel
0009. Gasoline
2712. Gasoline/Ethanol
2710. Biodiesel
2711. Biodiesel (Heating)
0012. Kerosene
0013. Lube Oil
0022. Waste/Used Oil
0259. #5 Fuel Oil
2642. Used Oil (Heating)
9999. Other -please list :*

Tank Type (8)
01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-please list:*

Internal Protection (9)
00. None
01. Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-please list:*

External Protection (10/18)
00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07. Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-please list:*

Tank Leak Detection (12)
00 None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (AutoTankGauge)
06. Impervious Barrier/Concrete Pad (Aboveground Only)
99. Other-please list:*

Piping Type (17)
00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-please list:*

Overfill Prevention(13)
00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-off
04. Product Level Gauge (Aboveground Only)
05. Vent Whistle
99. Other-please list:*

Secondary Containment (11/19)
00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (Underground Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation/Trench Liner System
08. Flexible Internal Liner (Bladder)
09. Modified Double-Walled (Aboveground Only)
10. Impervious Underlayment
11. Double Bottom (Aboveground Only)

Spill Prevention (14)
00. None
01. Catch Basin
02. Transfer Station Containment
99. Other - Please list*

Piping Location (16)
00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Pipe Leak Detection (20)
00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
08. Tank Top Sump (Piping)
09. Exempt Suction Piping
99. Other-please list:*

Dispenser (15)
00. None
01. Submersible
02. Suction
03. Gravity

*** If other, please list on a separate sheet including Tank Number**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Bulk Storage Database Search Details

Facility Information

Site No.: 9-433713
Status: Unregulated
Expiration Date: 10/02/2014
Site Type: PBS
Site Name: FORMER MARRANCA'S SERVICE STATION
Address: 521 NIAGARA STREET
Locality: BUFFALO
State: NY
Zipcode: 14201
County: Erie

Owner(s) Information

Owner: 1093 GROUP, LLC
517 NIAGARA STREET . BUFFALO, NY. 14201
Mail Contact: 1093 GROUP, LLC
295 MAIN STREET, SUITE 210 . BUFFALO, NY. 14203

Tank Information

5 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
003	Underground	Closed - Removed	3000
004	Underground	Closed - Removed	1000
005	Underground	Closed - Removed	550
1	Underground	Closed - Removed	6000
2	Underground	Closed - Removed	6000

APPENDIX E

DAILY REPORTS

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-16-09

LOCATION:		DAY:	
517 Niagara Street		Su (M) Tu W Th F Sa	
WEATHER:	TEMP: °F	START: 1615	END: 1645

WORK PERFORMED:

Measured depth of product in the tanks.
Fill port "A" (next page map) had 2" in it.
Fill port "C" had 3.5" product
Fill pond "B" was 8" ~~deep~~ below grade and had water to 3" below grade (8Ptbg)

TEST PERFORMED:	QA PERSONNEL:
None	Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-16-09

MEETINGS HELD & RESULTS:

None

CONTRACTOR'S WORK FORCE AND EQUIPMENT NA

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

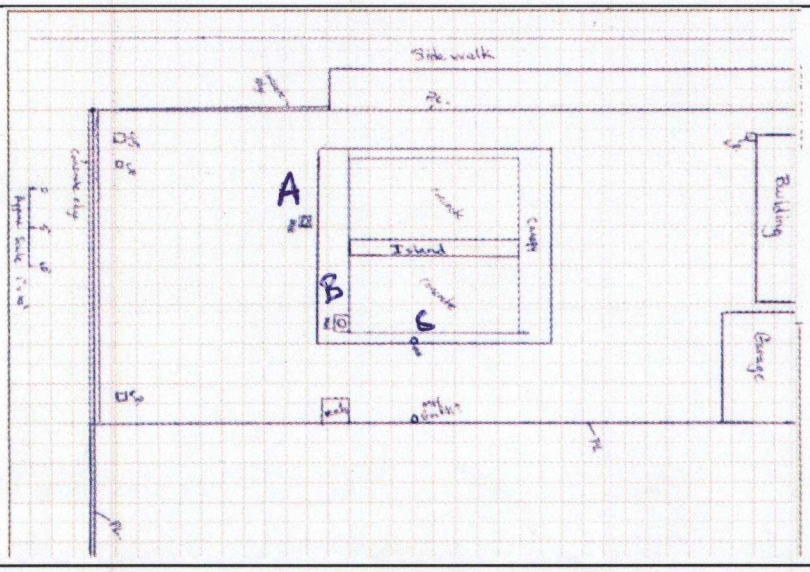
NA

SAMPLES COLLECTED:

Sample Number: None

Field Observations:

MAP:



Fill ports: A, B, + C

BG

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-17-09

LOCATION:		DAY:	
517 Niagara Street		Su M (Tu) W Th F Sa	
WEATHER: Partly cloudy	TEMP: 30 °F	START: 7:45	END: 1630

WORK PERFORMED:

7:45 Hitachi EX-70LC Excavator on site 7:45
Remove Hydrolic lift
- Set up Air monitoring PID #3 calibrated 2-16-09 bump at 100 = 101 and 0 = 0ppm
Particulate meter calibrated 2-17-09 Normal
- Field PID #4 calibrated 2-17-09 bump at 100 = 102 and 0 = 0ppm
- Appears to have old mechanic pit and lift was installed through it.

940 Remove Hydrolic lift from ground start to drain oil into 55 gal drum
Rain for rest dropping tank + pumps.

1000 Zoladz cut trees on site gas chainn saws
Buldozer John Deer 700 H(LT) on-site
Appears to have gasoline impacts e of ftbg at lift.

1000 Kevin(DEC) on site and left site at 1100

1105 Bill (DEC) on site left site 1150

1230 Start load truck with concrete for recycling

1250 ML + Cory on site ML said DEC ok with Recycling concrete and asphalt
- uncovered top of one tank (steel). water at 6" above top of tank.
- 6 trucks (dump) of concrete + asphalt off site Recycled
- Clean unsuitable soil about 3'x 4'x 2'

TEST PERFORMED:	QA PERSONNEL: Brook Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 2 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-17-09

MEETINGS HELD & RESULTS:

Safety

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	11	1				DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

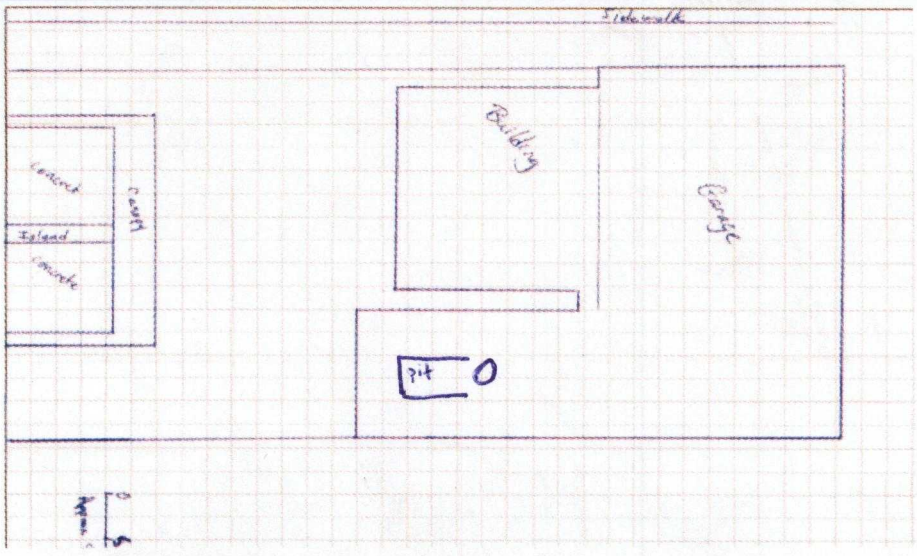
Air Monitor Log

SAMPLES COLLECTED:

Sample Number:

Field Observations:

MAP:



INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-18-09

LOCATION:	DAY:
517 Niagara Street	Su M Tu (W) Th F Sa

WEATHER:	TEMP:	START:	END:
Partly cloudy light snow + rain	30 °F	715	1550

WORK PERFORMED:

- Nyetech onsite start vaccuming out tanks

800 - Set up Air monitor Data Ram 4 initialized at start no dust but started above 100 and was rapidly dropping. Had to take down due to rain + snow

- Removed tank A, tank is 8' diameter X 16' long good shape No pits or holes. Vaccumed out all liquid, ~~ate~~ rinsed tank, pumped full of Nitrogen, cut hole in side of tank ready for disposal.

- Excavated around tank B. Tank would not pump down so holes must be in tank. Believe that tank is filled with ground water. Asked if it was ok to let tank leak into excavation Kevin said ok. Water started to look and smell more like gasoline. Stopped draining tank and vaccumed out excavation and vaccumed out most of liquid in tank.

- Vaccum truck exhaust was causing PID reading around 15-20 ppm at perimeter had to put exhaust on top of truck reduce it to around 4.0 ppm monitored periodically due to rain + snow.

- Fire inspector checked at site

- DEC onsite most of the day.

1430 - Collect Lift waste pile sample

- Clean unsuitable pile same as before

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED) Page 2 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-18-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	1	1
Laborer-Foreman	HH	1				DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller			Vac truck	8	1
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

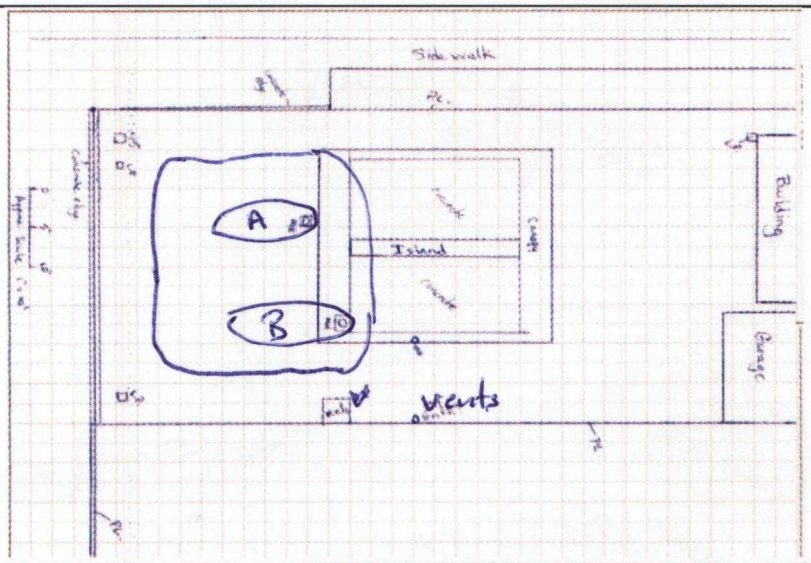
Air monitoring log

SAMPLES COLLECTED:

Sample Number: Lift waste pile - 1430

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-19-09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu W (Th) F Sa	
WEATHER:	TEMP:	START:	END:
cloudy light snow	30 °F	715	15:50

WORK PERFORMED:

Remove Impacted soil PID Readings around 1600 +/- ppm
- No Air monitoring due to snow
- Uncover Tank C

1100 Nyetech onsite pump out tank B and little of water in excavation
Roll tank B on pully start to rinse tank
- ~~Start to~~ remove Tank C (8' diameter X 18' long) good condition
Tank B is 5.6" diameter x 18' long, has pits and holes in bottom + sides.
All three tanks are rinsed and devoid of sludge ready for disposal. ~~XXXXX~~

1400 ML on site to work progress.

1430 Brian Hawkes on site, can send the impacted concrete if broken up less than 3'x3'x3' and all in one truck.

16 trucks dispose soil at Modern Model city average load 21 tons

Fire Inspector on-site
DEC onsite most of day

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-19-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	HHT	1				DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	1	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller			Vac truck	5	1
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

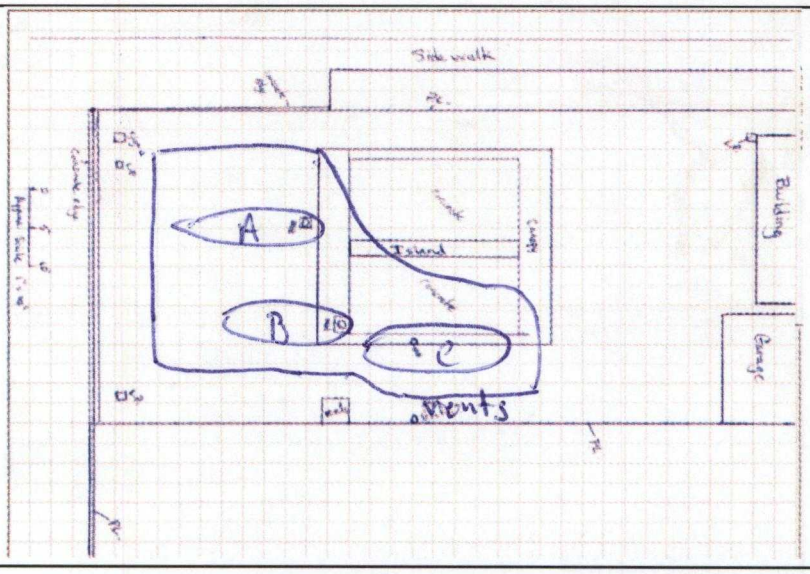
Air Monitoring Log

SAMPLES COLLECTED:

Sample Number:

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-20-09

LOCATION:	DAY:
517 Niagara Street	Su M Tu W Th (F) Sa

WEATHER:	TEMP:	START:	END:
cloudy light snow	24 °F	730	1530

WORK PERFORMED:

Remedial Excavation start in Western corner near Niagara + Penn.
Remove tanks from site Recycle at Metalico (Smith + Fillmore)

1200 SW-1 composite 0-12' PID = 1702 ppm
1300 F-1 Grab 12' PID = 32 ppm 6" into silty clay start of clay
1330 SW-2 composite 0-12' PID = 842 ppm
1430 Uncovered a fourth tank, appears to be the 1000 gal slurried tank.
PID inside tank = 2120 ppm (Tank D)

16 Trucks (21 ton average) Impacted soil to modern

DEC (Kevin) on site most of the day

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 2 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-20-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	2	1				DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

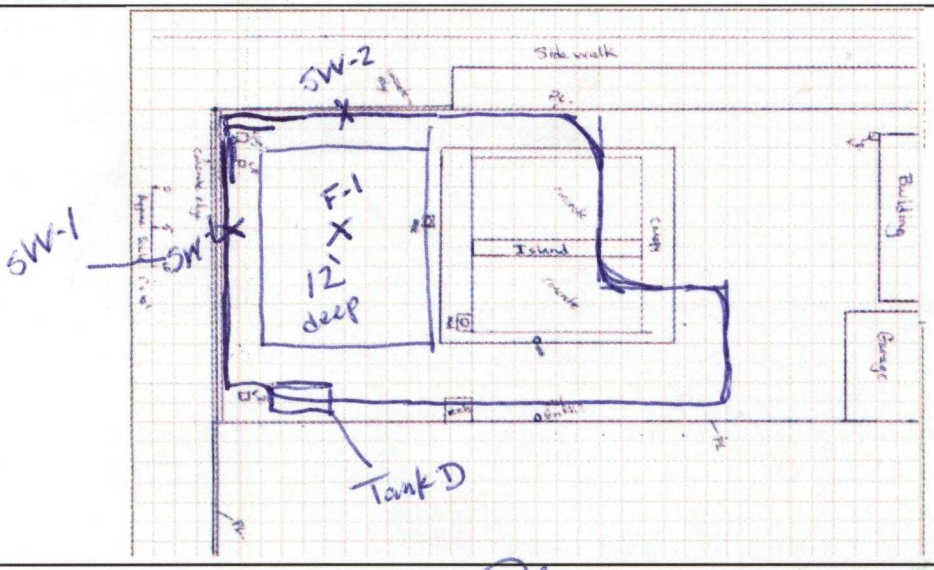
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: SW-1, F-1, SW-2

Field Observations:

MAP:



BG

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-23-09

LOCATION:		DAY:	
517 Niagara Street		Su (M) Tu W Th F Sa	
WEATHER: Party cloudy some light snow	TEMP: 24 °F	START: 730	END: 1600

WORK PERFORMED:

Set up Air Monitoring Equipment
Remedial Excavation, Load trucks with impacted soil
Removed Tank D about 4' diameter x 10' long (1000 gal) tank filled with concrete. Removed concrete and flattened tank metal.
Roller delivered + Brownfield sign delivered

1250 collect SW-3 (0-12') PID = 673 ppm
1340 collect SW-4 (0-12') PID = 9.6 ppm
1410 collect SW-5 (0-12') PID = 52 ppm
1440 collect F-2 (12') PID = 38.4 ppm

20 trucks (21 ton average) Impacted soil to Modern

DEC (Kevin) on site part of the day

Fire Inspector on site

TEST PERFORMED:	QA PERSONNEL: Brooks Greene
	SIGNATURE:

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED) Page 2 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-23-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	1	1				DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller	—	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

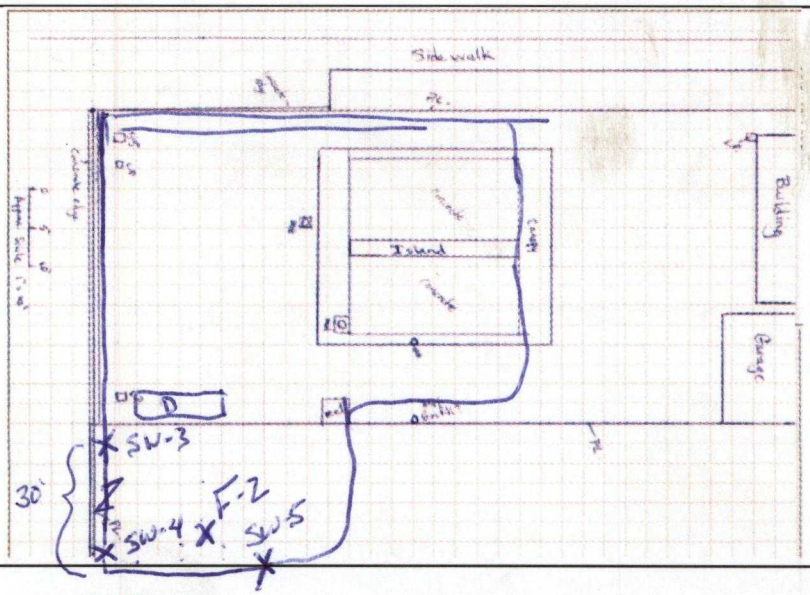
Air Monitoring log

SAMPLES COLLECTED:

Sample Number: SW-3, SW-4, SW-5, F-2

Field Observations:

MAP:



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TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

CONTRACTOR: Zoladz Construction	JOB NO.: 0136-002-300
CLIENT: 1093 Group LLC	DATE: 2-24-09

LOCATION: 517 Niagara Street		DAY: Su M (Tu) W Th F Sa	
WEATHER: Partly cloudy	TEMP: 24 °F	START: 715	END: 1615

WORK PERFORMED:

Remedial Excavation
Set up Air monitor, changed time on PID + Data Run 4

1515 collect SW-6 (0-12') PID = 708 ppm

29 Trucks (21 ton average) Impacted soil to Modern

DEC onsite (Kevin) Bill Murray + Mandy D. visit at 1315 left 1400

TEST PERFORMED:

QA PERSONNEL: ~~Brock~~ Greene

SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-24-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	2	1				DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller	—	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

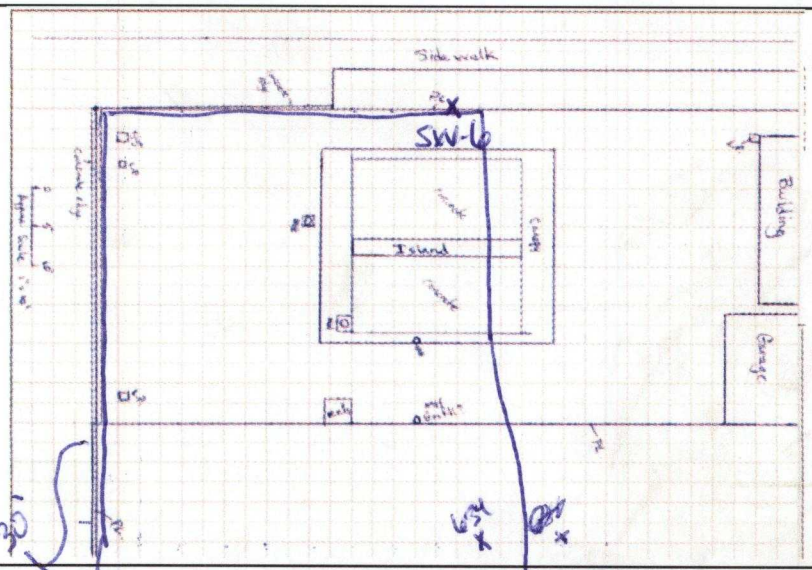
Air Monitoring Log

SAMPLES COLLECTED:

Sample Number: SW-6

Field Observations:

MAP:



BK

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-25-09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu (W) Th F Sa	
WEATHER: Partly cloudy	TEMP: 28 °F	START: 715	END: 1815

WORK PERFORMED:

Remedial Excavation
Set up Air monitor Equipment
Meet with Mike L. + Corry on-site They agreed that they wanted to clean up side walls to below 6000ppm (based on results from SW-1, SW-2, + F-1) and sample to see were the excavation is at. They also want to try a test lift tomorrow with imported fill.

Zoladz cleaned up floor and made ready for backfill tomorrow.
Load out some impacted concrete.

1240 collect Blind from SW-7
1240 collect SW-7 (PID=2.2 ppm (0-12')
1440 collect F-3 (12') PID= 20.1 ppm
1450 collect F-4 (12') PID= 5.3 ppm
1500 collect SW-8 (0-12') PID= 8.8 ppm
1510 collect SW-9 (0-7') PID= 137 ppm
1517 collect F-5 (7') PID= 45 ppm

Uncovered Tank E (550 gal) Used oil tank ~400 gal in tank
Pumped out oil into drums because tank leaks little.
1600 - 1815 Zoladz try to pump oil out of tank E only get 65-70 gals

21 Trucks of Impacted soil to Modern (21 ton average)
3 Trucks of Impacted concrete to Modern

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-25-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	1	1
Laborer-Foreman						DJ Dump Truck		
Laborer	2.5	2				Water Truck		
Operating Engineer	11.0	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	11.0	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller	—	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

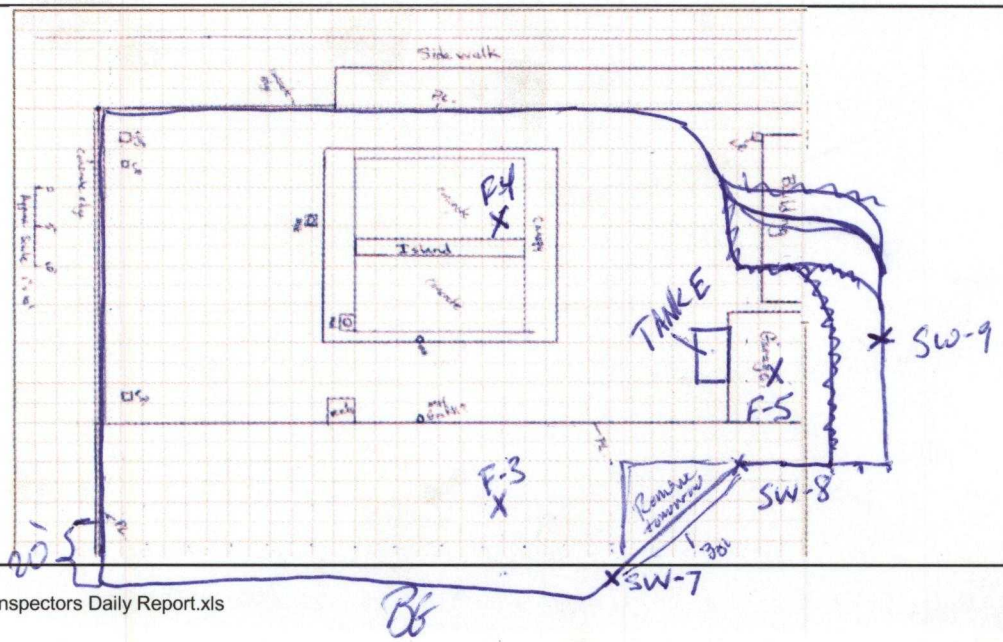
Air monitor

SAMPLES COLLECTED:

Sample Number: SW-7, SW-8, SW-9, F-3, F-4, F-5

Field Observations:

MAP:



BG BG

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-26-09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu W (Th) F Sa	
WEATHER: cloudy	TEMP: 35 °F	START: 730	END: 1615

WORK PERFORMED:

Remedial Excavation
Nyetech on site to vac out tank E and rinse out tank
Oil going to EPS&VT Syracuse then to Industrial Oil.

DEC onsite (Bill Murry) wants to include in report that Tank E 4 had 70 gallons pumped out on 2-25-09 into drums and

1430 collect SW-10 (0-10') PID = 273 ppm

12 Trucks (21 tons average) Impacted soil to Modern

TEST PERFORMED:	QA PERSONNEL: Brad Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-26-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	T	1
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	8	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller	—	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

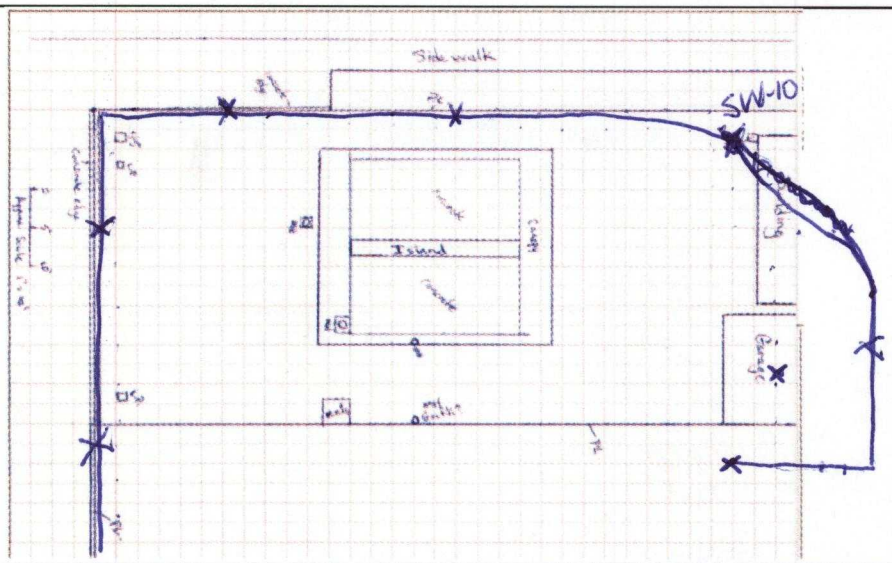
Air monitor

SAMPLES COLLECTED:

Sample Number: SW-10

Field Observations:

MAP:



TURNKEY ENVIRONMENTAL RESTORATION, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-27-09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu W Th (F) Sa	
WEATHER: cloudy + rain	TEMP: 35 °F	START: 730	END: 1030

WORK PERFORMED:

On site wait for DEC (Kevin) for decision on concrete can be recycled. Can recycle if not oil stained Going to take care of it on Monday now because may be able to haul it to Bethlahem steel site to recycle.

Owner of Apt building stopped by and inquired about fence gave them Corry's office #.

Put up snow fence along Apt building left side walk along building for access

TEST PERFORMED:	QA PERSONNEL: Brad Brown
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	2-27-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	—	1
Laborer-Foreman	2	1				DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer	2	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	—	1
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller	—	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

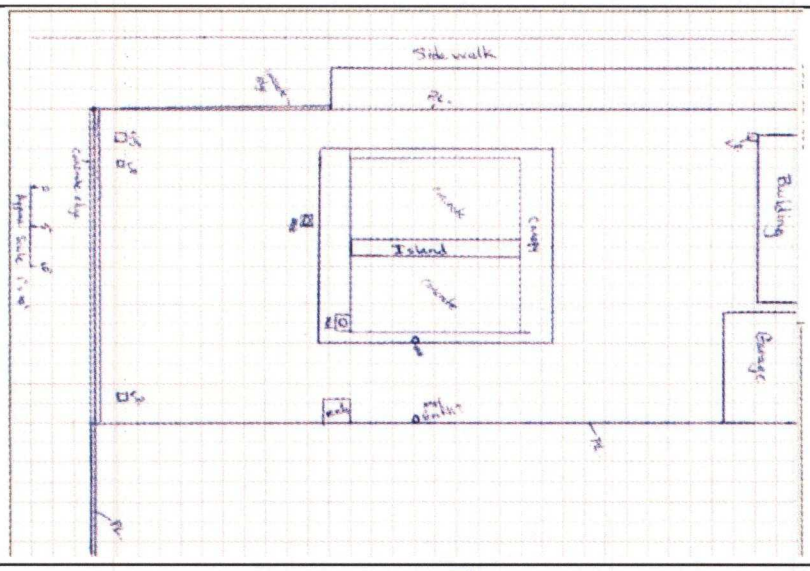
None

SAMPLES COLLECTED:

Sample Number:

Field Observations:

MAP:



BS

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR: Zoladz Construction	JOB NO.: 0136-002-300
CLIENT: 1093 Group LLC	DATE: 3-6-09

LOCATION: 517 Niagara Street		DAY: Su M Tu W Th (F) Sa	
WEATHER: ~~Sunny~~ cloudy	TEMP: 38 °F	START: 730	END: 1615

WORK PERFORMED:

Take out bench from corner of Niagara to 30' south of the corner of Niagara + Penn. property line/corner ⅜.

Set up Air monitoring

Set up Pump water in ~~the~~ excavation = 24'x21'x10"
Start pump at 0915

1100 collect ~~Character #1~~ SW-5 (0-12') PID = 8.2 ppm (Blend)
1130 collect ~~Character #2~~ SW-7 (0-12') PID = 0.8 ppm (Native)

10 Loads of impacted soil left site to Modelcity

~~20~~ 10 Loads of #2 Crusher dumped on site

~~3~~ 9 loads of recycled concrete off site

TEST PERFORMED:

QA PERSONNEL: Brock Greene

SIGNATURE:

TurnKey Environmental Restoration, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/6/09
Client:	1093 Group LLC	Report No.:	1
Job No.:	0136-002-300	Inspector:	PWW
Contractor:	Zoladz Construction	Page	1 of

PROCTOR DATA:

Type of Material	Runner Crush	
Source Area	Wherle Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2237
Moisture: 689

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	1-1	1-2	1-3	1-4								
DEPTH OR ELEVATION	12	8	12	12								
PERCENT COMPACTION (%)	97.1	97.8	96.4	96.4								
DRY DENSITY (pcf)	132.0	132.9	131.1	131.1								
WET DENSITY (pcf)	134.9	135.6	133.8	133.8								
MOISTURE (pcf)	2.9	2.7	2.7	2.7								
PERCENT MOISTURE (%)	2.2	2.0	2.1	2.1								
DENSITY COUNT	358	1092	369	369								
MOISTURE COUNT	54	52	52	52								
PASS [P] or FAIL [F]	P	P	P	P								

LOCATION:

TEST NO. (from above)	X	Y	Z
See FADL			
"			
"			
"			

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: Paul W Werth **DATE:** 3/6/09

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 2 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3-6-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer	2	1
Laborer-Foreman						DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	1	Equipment			Backhoe		
Carpenter			Generators			Excavator	7	1
Ironworker			Welding Equipment			Pad foot ~~roller~~ Ex attach		1
Concrete Finisher			Roller	3	1			
			Paving Equipment					
			Air Compressor					

REMARKS:

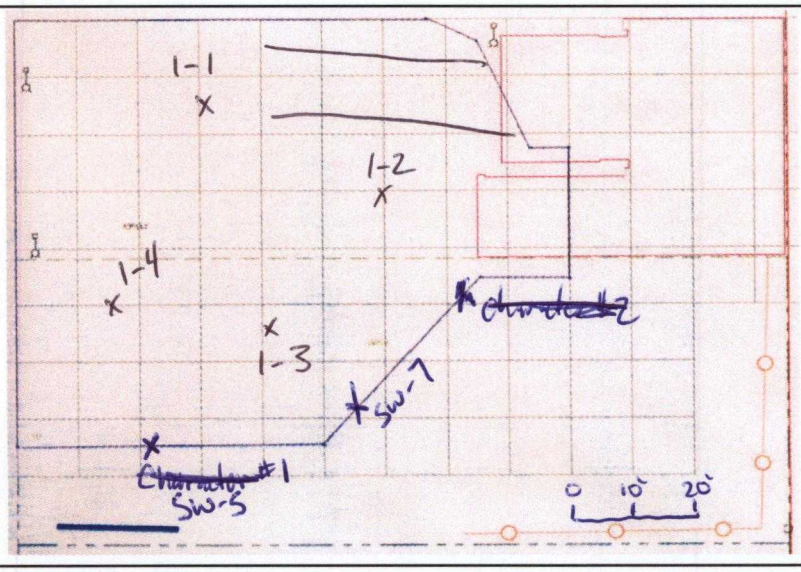
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: four compaction tests done on lift 1 (1-4)

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 9

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/11/09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu W Th F Sa	
WEATHER:	TEMP:	START:	END:
OVERCast	40's °F	715	

WORK PERFORMED:

Onsite @ 0715 - Zoladz sam and Labor onsite
715 - 740 - Sam Explain scope of work, He will have ~7 Trucks on 1 Round of Trucks makes a lift, said that he needs to clean out sum slumping of ~~slopes~~ material. called Mike L. Said That Anything along Niagra st should Be placed under poly with soils that still need to be removed, Any where Else can Be plced ~~on site~~ with other onsit soils.
730 - ~~815~~ - Removed ~ ~~2800~~ 2800 gals of water out of Excavation
815 - Removed slumped material out of hole placed them Along side walls to keep on plan
910 - Carbon filter starting to clog - back flushed working fine
920 - 925 Bill Mazur NYSDEC ONSITE
930 - Re Rolled / ~~Second Lift, Re to~~ After Water Removal, First trucks onsite ~~1 Tuck~~ 4 to what
1000 - Took 3 shots had Failure, ReRolled 2nd Lift Along Truck
1015 - Took 5 shots All passed, Spread 3rd 8" Lift
1030 - ~~took 2 shots~~ Rolled 3rd 8" Lift
1045 - took 2 shots had failure Re Rolled Lift
1100 - Took 2 shots had Failure Re Rolled Lift
1115 - Took 5 shots all passed
1118 - Added 4th Lift to Excavation Via Dump truck and Trailer
1130 - Spread and compacted 4th Lift.

TEST PERFORMED:	QA PERSONNEL:
PID IN HOLE = 0.0 ppm	SIGNATURE:

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 2 of 9

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/11/09 cont

LOCATION:	DAY:
517 Niagara Street	Su M Tu (W) Th F Sa
WEATHER: / TEMP: °F	START: / END: 1410

WORK PERFORMED:

1215 Second Round of Trucks Arrived onsite
1230 Took 3 Failing shots, Re Rolled
1245 - Took 5 Passing shots
1215 - Tom Lucy onsite
1245 - Began Loading 5th Lift Into hole
1300 - placed 5th Lift
1345 - 1400 Took 5 passing shots on 5th Lift
1405 - started loading 6th Lift Into hole
1405 - 1500 Spread and Rolled 6th 8" Lift
1500 - 1540 Took 5 passing shots on 6th Lift
1410 TK Left site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

TURNKEY ENVIRONMENTAL RESTORATION, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project: Niagara Penn Line
Date: 3/11/09
Client: Elliott Development
Report No.:
Job No.:
Inspector: TAB
Contractor: Zoladz
Page 3 of ~~3~~ ~~10~~ 9

PROCTOR DATA:

Type of Material	Rumar crush	
Source Area	Wheels Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2223
Moisture: 688

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	2-1	2-2	2-3	2-4	2-5		3-1	3-2	3-3	3-4	3-5	
DEPTH OR ELEVATION	8"	6	8"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	98.7	98.3	100.2	106.4	101.4		106.3	96.4	95.5	97.7	97.7	
DRY DENSITY (pcf)	134.2	133.6	136.1	144.7	137.8		144.4	131.0	129.7	132.8	132.8	
WET DENSITY (pcf)	140.3	139.6	141.7	150.7	142.6		150.4	136.0	135.5	138.2	137.0	
MOISTURE (pcf)	6.1	6.0	5.6	6.0	4.8		6.0	5.0	5.7	5.4	4.2	
PERCENT MOISTURE (%)	4.6	4.5	4.1	4.2	3.5		4.1	3.8	4.4	4.0	3.2	
DENSITY COUNT	967	1556	936	763	919		769	1072	1084	1018	1048	
MOISTURE COUNT	93	91	87	92	77		91	79	88	84	70	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature]
DATE: 3/11/09

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 4 of 9

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/11/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

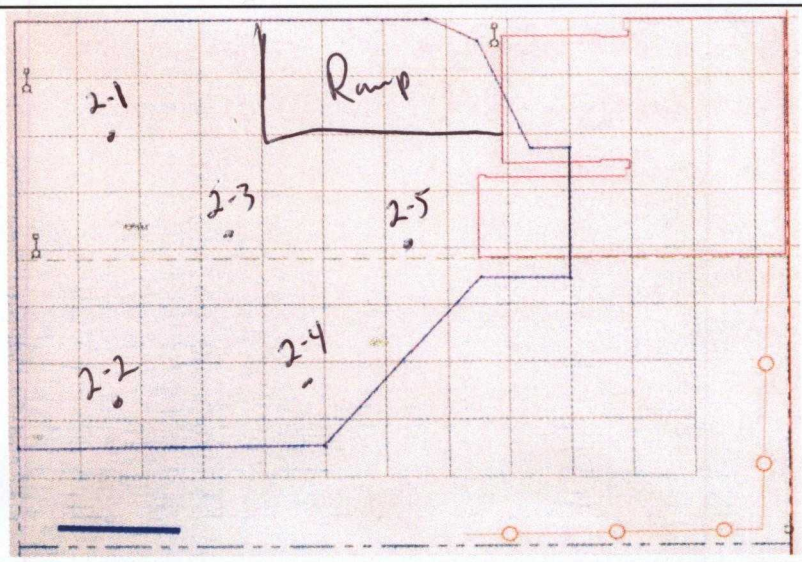
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: Lift #2 8"

Field Observations: 3/11/09

MAP:



INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 5 of 9

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/11/09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

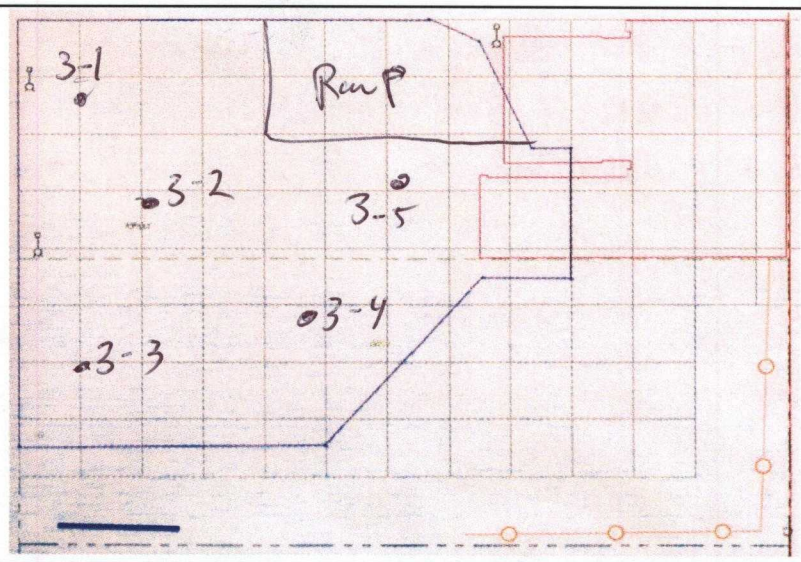
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: Left # 3 8"

Field Observations: 3/11/09

MAP:



NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/11/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	TAB
Contractor:	Zoladz Construction	Page	~~5~~ 6 of ~~8~~ 9

PROCTOR DATA:

Type of Material	Rumar crush	
Source Area	Work Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2223
Moisture: 684

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	4-1	4-2	4-3	4-4	4-5		5-1	5-2	5-3	5-4	5-5	
DEPTH OR ELEVATION	8"	8"	6"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	95.0	96.3	103.0	101.2	96.3		100.2	95.4	95.5	99.9	95.5	
DRY DENSITY (pcf)	129.1	130.9	140.0	137.6	130.8		136.1	129.7	129.8	135.8	129.7	
WET DENSITY (pcf)	134.8	135.8	148.9	142.2	135.7		140.7	134.8	134.0	141.0	135.3	
MOISTURE (pcf)	5.7	5.0	8.9	4.6	4.9		4.5	5.1	4.2	5.2	5.5	
PERCENT MOISTURE (%)	4.4	3.8	6.3	3.4	3.7		3.3	4.0	3.2	3.2	4.3	
DENSITY COUNT	1101	1076	1285	927	1075		961	1101	1123	952	632	
MOISTURE COUNT	88	79	126	75	78		74	81	70	83	46	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature]

DATE: 3/12/09

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 7 of 9

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/11/09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

REFERENCES TO OTHER FORMS:

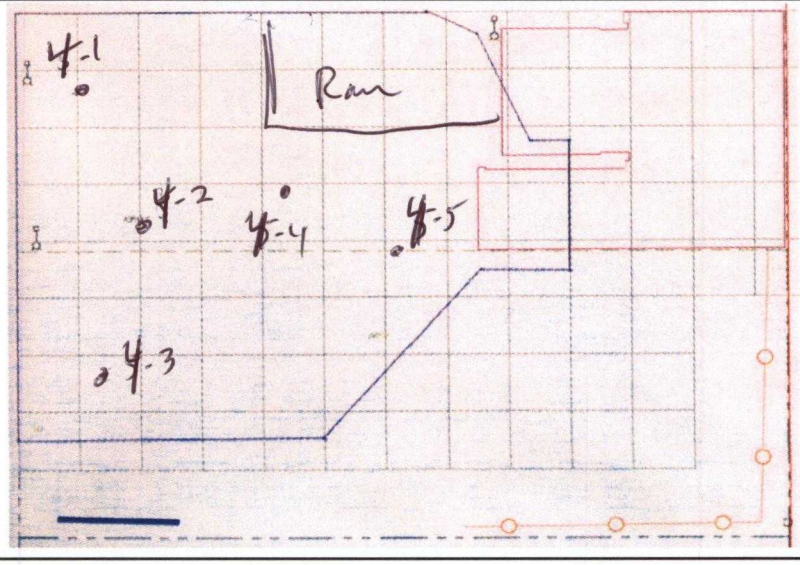
4th Lift 3/11/09

SAMPLES COLLECTED:

Sample Number: 8"

Field Observations:

MAP:



INSPECTOR'S DAILY REPORT

(CONTINUED)

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CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/11/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

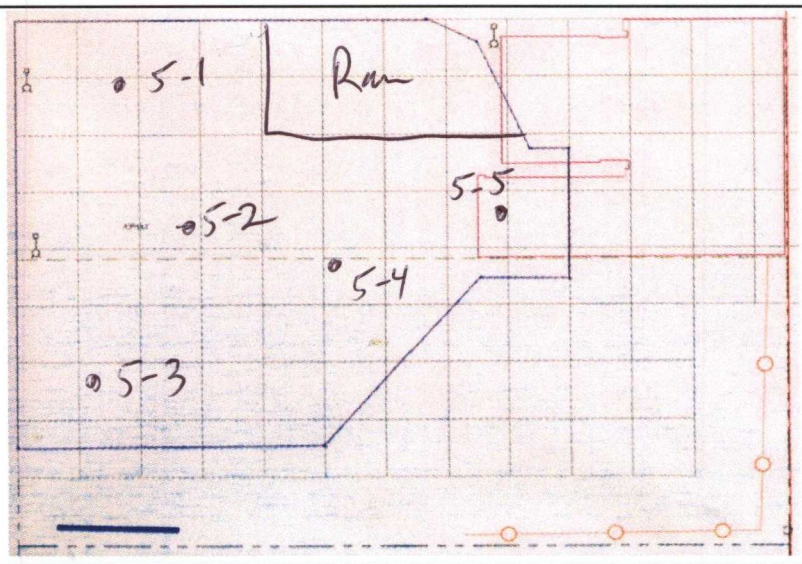
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED: 5th 8" Lift

Sample Number: -3/11/09

Field Observations:

MAP:



NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/11/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	TAB
Contractor:	Zoladz Construction	Page	9 of 9

PROCTOR DATA:

Type of Material	Runner Crush	
Source Area	Whole Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2223
Moisture: 688

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	6-1	6-2	6-3	6-4	6-5							
DEPTH OR ELEVATION	8"	8"	8"	8"	8"							
PERCENT COMPACTION (%)	99.0	97.7	95.0	95.3	95.2							
DRY DENSITY (pcf)	134.5	132.8	127.1	129.5	129.4							
WET DENSITY (pcf)	139.5	137.7	133.7	133.8	134.2							
MOISTURE (pcf)	5.0	5.0	4.6	4.4	4.8							
PERCENT MOISTURE (%)	3.7	3.7	3.6	3.4	3.7							
DENSITY COUNT	987	1029	1131	1128	1117							
MOISTURE COUNT	79	79	75	72	77							
PASS [P] or FAIL [F]	P	P	P	P	P							

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature] **DATE:** 3/11/09

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 8 of 8

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/11/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

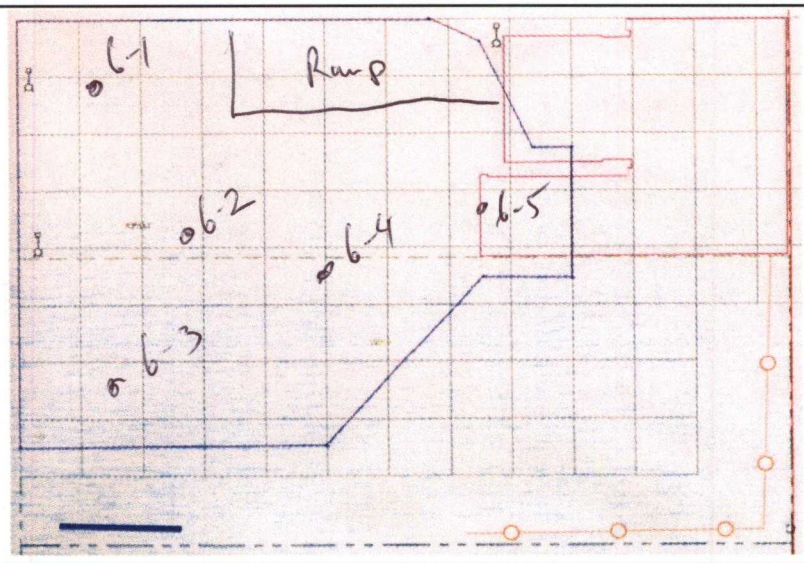
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: 6th Lift 3/11/09

Field Observations: 8" Lift

MAP:



INSPECTOR'S DAILY REPORT

Page 1 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/12/09

LOCATION:	DAY:					
517 Niagara Street	Su	M	Tu	W	(Th)	F Sa
WEATHER: Partly cloudy	TEMP: mid 20's °F	START: 730	END: 1605			

WORK PERFORMED:

0730 TK onsite, Zoladz Is spreading 7th 8" Lift, New Roller onsite Rupp,
0830 Took Nuke shots on 7th 8" Lift, all But SW corner Past, Re Rolled corner
920 - First Trucks on site, Located 8th Lift
937 - waiting For 2 mor trucks, started spreading 8th Lift
952 - Kirk From Ellicott Development was on site wants to pull old pices of foundation out of hole, asking about, pipe In hole and what Is going on with the soil piles, told him to talk to mike on the Issue of soil piles, Told him we didn't know when to End Backfilling we are still waiting to hear From Corey
1000 - NYSDEC onsite, last Truck Arrives For 8th Lift
1015 - 1st Truck Arrived For Second Round of Trucks Started Compacting 8th Lift
1106 - Last ~~Round~~ of 2nd Round Trucks
1120 - STARTED SPREADing 9th 8" Lift
1130 - Mike Lesakowski onsite, NYSDEC left site Tom Zoladz on site
1148 - 1st Truck for 3rd Round onsite
1205 - Last Truck for 3rd lift onsite
1200 - Mike Lesakowski left site, Tested 9th Lift East Portion Failed Re-Rolled tested again past
1248 - NYSDEC onsite
1200 - Plated and Rolled 10th 8" Lift
1300 - 1st Truck for 4th Round onsite, Tested 10th Lift No Failures
1330 - Last of 4th Round Trucks onsite

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

INSPECTOR'S DAILY REPORT

Page 2 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/12/09

LOCATION:	DAY:
517 Niagara Street	Su M Tu W Th (F) Sa
WEATHER: Partly cloudy / TEMP: Mid 20's °F	START: / END:

WORK PERFORMED:

1400 City Building Inspector on site wants copies of compaction tests, Forwarded his Information on to mike L. TK
1415 1st of 5th Round of Trucks on site
1410 - 1430 Took 5 passing shots of the 11th lift
1430 Last of 5th round of trucks left site
1430 - NYSDEC Left site placed and spread 6th Lift.
1455 - Last of ~~6th~~ Round of Trucks
Last Trucks for the Day
1500 - Started Spreading 17th Lift.
1545 - Took five Passing shots on 17th Lift
1605 - TK left site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/12/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	TAB
Contractor:	Zoladz Construction	Page	3 of 11

PROCTOR DATA:

Type of Material	Runner Crush	
Source Area	Whole Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2238
Moisture: 672

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	7-1	7-2	7-3	7-4	7-5		8-1	8-2	8-3	8-4	8-5	
DEPTH OR ELEVATION	8"	8"	8"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	96.6	97.6 ~~97.7~~	96.6	95.2	97.3		101.0	97.7	99.7	98.3	98.3	
DRY DENSITY (pcf)	131.2	132.7 ~~132.8~~	131.3	129.3	132.3		137.2	132.7	135.5	133.6	133.6	
WET DENSITY (pcf)	136.2	137.8 ~~137.9~~	136.6	133.4	135.7		141.8	136.5	140.2	139.9	137.3	
MOISTURE (pcf)	5.0	5.1	5.4	4.1	3.4		4.6	3.7	5.2	6.2	3.7	
PERCENT MOISTURE (%)	3.8	3.9	4.1	3.2	2.6		3.4	2.8	3.8	4.7	2.8	
DENSITY COUNT	1072	1034	1062	1147	1044		942	1068	967	984	1047	
MOISTURE COUNT	78	79	82	67	59		73	63	80	92	63	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature] **DATE:** 3/12/09

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 4 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/12/09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

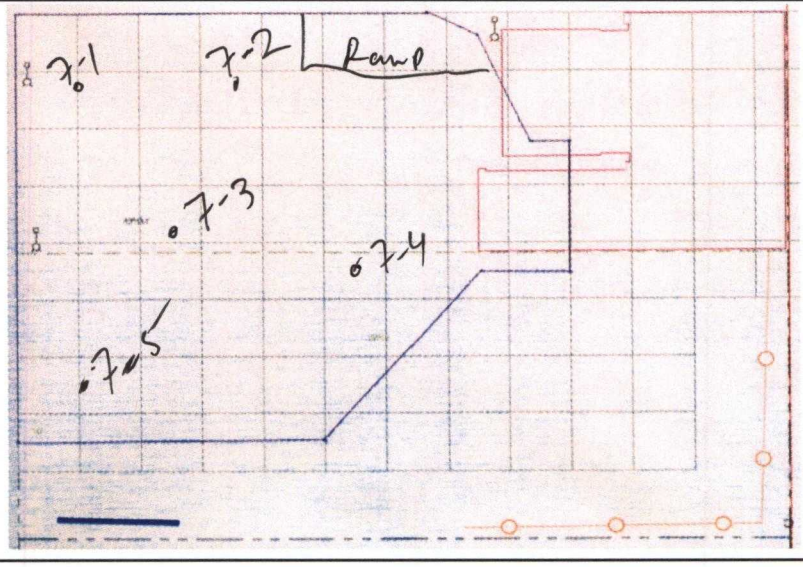
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED: 7th Lift 8"

Sample Number: 3/12/09

Field Observations:

MAP:



INSPECTOR'S DAILY REPORT

5 11

(CONTINUED) Page 3 of 3

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/12/09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

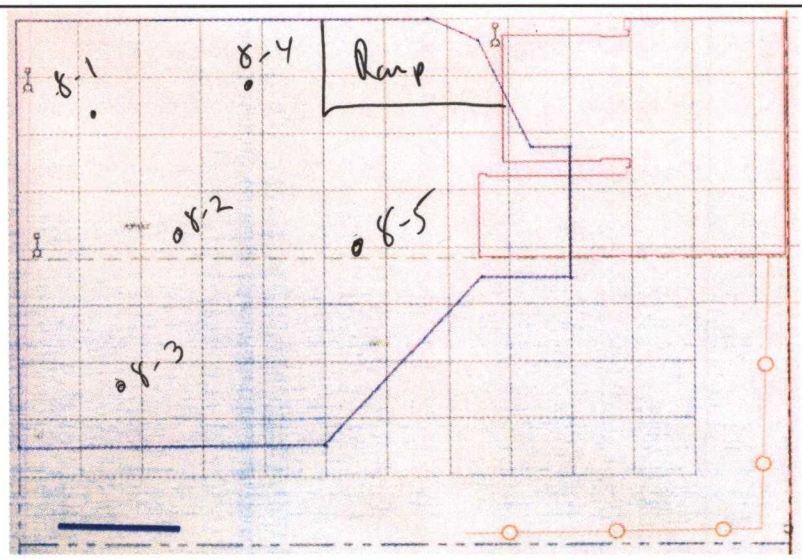
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED: 8th 8" Lift

Sample Number: 3/12/09

Field Observations:

MAP:



NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/12/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	TAB
Contractor:	Zoladz Construction	Page	6 of 11

PROCTOR DATA:

Type of Material	135.9	
Source Area	w/ rock plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2238
Moisture: 672

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	9-1	9-2	9-3	9-4	9-5		10-1	10-2	10-3	10-4	10-5	
DEPTH OR ELEVATION	8"	8"	8"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	99.5	92.9	97.1	96.5	99.6		96.2	96.2	100.7	95.1	100.6	
DRY DENSITY (pcf)	135.3	133.0	132.0	131.1	135.4		130.7	130.7	136.8	129.3	136.7	
WET DENSITY (pcf)	138.7	137.2	136.1	134.8	139.5		134.9	135.3	140.9	134.2	142.1	
MOISTURE (pcf)	3.5	4.2	4.1	3.7	4.1		4.2	4.6	4.1	4.9	5.4	
PERCENT MOISTURE (%)	2.6	3.1	3.1	2.9	3.0		3.2	3.5	3.0	3.8	3.9	
DENSITY COUNT	2013	1050	1078	1110	995		1108	1096	963	1124	935	
MOISTURE COUNT	60	64	67	63	67		68	73	67	77	82	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature] **DATE:** 3/12/09

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 7 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	3/12/09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

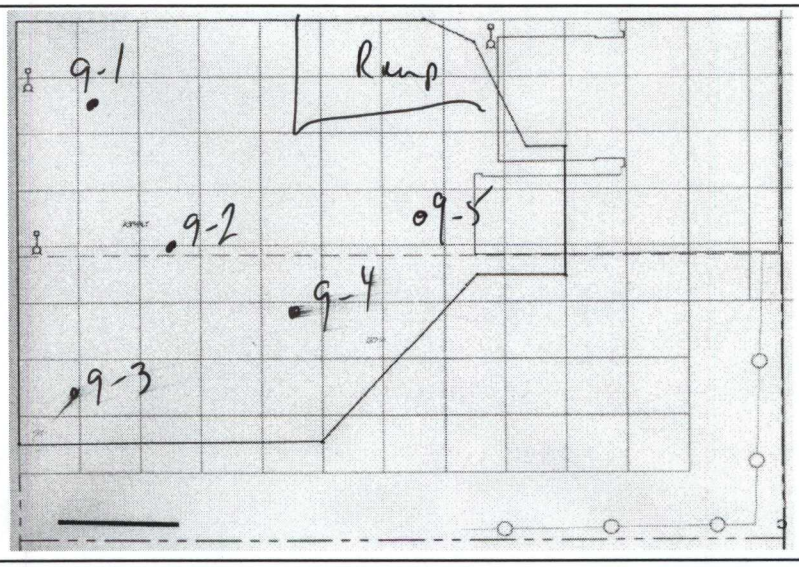
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED: 3/12/09

Sample Number: 9th of 8" Lifts

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

8 11

(CONTINUED) Page 8 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/12/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

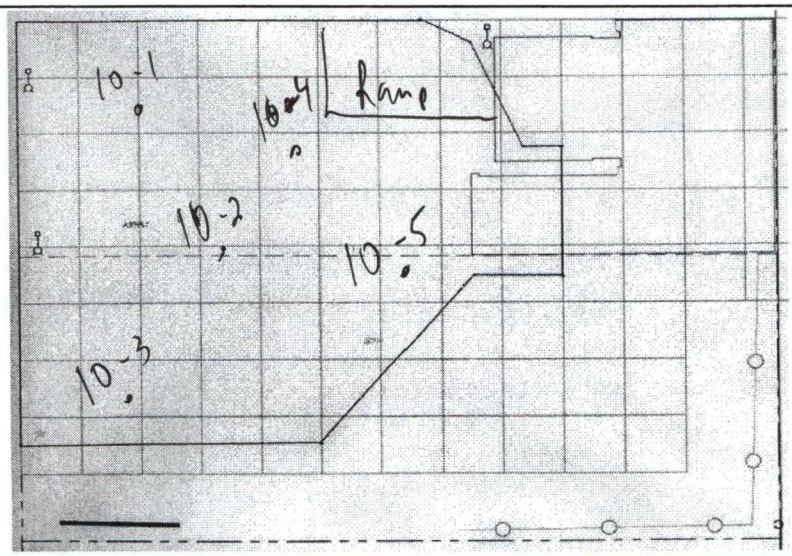
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED: 10th Lift 3/12/09

Sample Number: 8"

Field Observations:

MAP:



NUCLEAR DENSITOMETER FIELD LOG

Project:	517 Niagara St	Date:	3/12/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	JAD
Contractor:	Zoladz Construction	Page	~~1~~ 9 of ~~9~~ 11

PROCTOR DATA:

Type of Material	Rumer Crush	
Source Area	Wende Dr. plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: ~~2238~~ 2238
Moisture: 672

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.:

TEST NUMBER	11-1	11-2	11-3	11-4	11-5		12-1	12-2	12-3	12-4	12-5	
DEPTH OR ELEVATION	8"	8"	8"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	95.2	102.6	98.2	98.2	98.8		107.6	101.9	101.1	98.1	~~95.5~~	
DRY DENSITY (pcf)	129.4	139.4	133.4	133.4	134.3		146.2	138.5	137.4	133.3	~~129.8~~	
WET DENSITY (pcf)	133.1	145.1	134.3	137.4	136.8		~~151.7~~ 143.4	142.4	137.9	133.6		
MOISTURE (pcf)	3.7	5.6	4.9	4.0	4.5		4.91	4.9	4.9	4.5	3.8	
PERCENT MOISTURE (%)	2.8	4.0	3.6	3.0	3.4		3.3	3.5	3.6	3.4	3.0	
DENSITY COUNT	1157	873	1023	1044	1011		763	908	930	1033	1142	
MOISTURE COUNT	62	85	76	66	72		76	76	77	72	64	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature]

DATE: 3/12/09

TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

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(CONTINUED)

Page 5 of 2

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/12/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

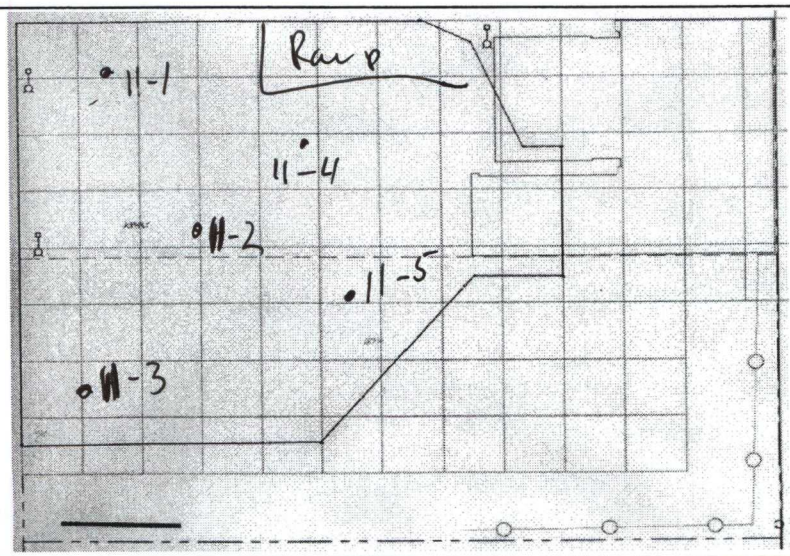
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: 11th 8" Lift 3/12/09

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

(CONTINUED)

Page 11 of 11

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE: 3/12/09
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller					
			Paving Equipment					
			Air Compressor					

REMARKS:

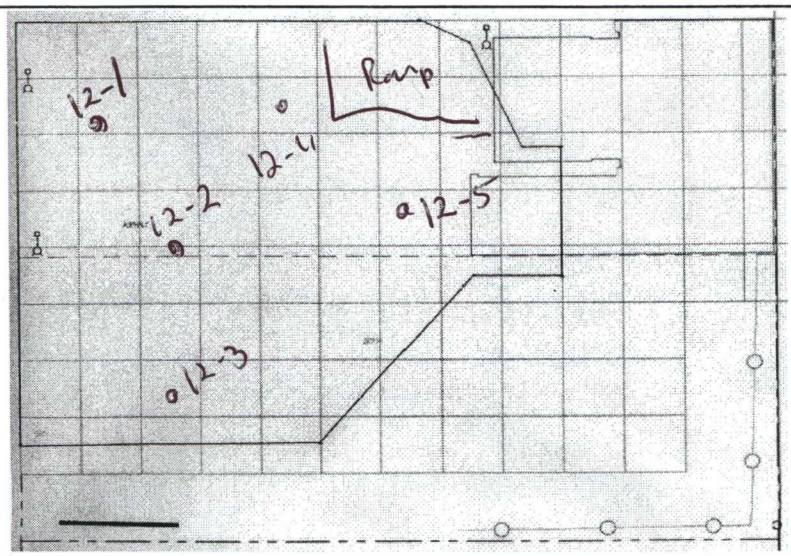
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: 12th 8 inch Lift

Field Observations:

MAP:



INSPECTOR'S DAILY REPORT

Page 1 of 10

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	**DATE:**
1093 Group LLC	3/13/09

LOCATION:		DAY: Su M Tu W Th F Sa	
517 Niagara Street			
WEATHER: Partly cloudy	**TEMP:** low 20's °F	**START:** 0730	**END:**

WORK PERFORMED:

0730 TK on site
0860 first Round of Back Fill Trucks on site
0825 Last Truck From First Round left site
0830 STARTED SPREADING 13th Lift
900 - 915 Cory Ellicott Developmt on site asked About Foundations Told Him He needed to talk to Zolada asked About soil Piles told him we will sample The Larger pile and Try to get the smaller pile of site today.
915 - 1st of Second Round of trucks onsite,
930 - 945 Started Nuking 13th lift, Lift Is to thin, only 4 Trucks First Round rod went down 4in and Hit Frost Layer in 12th Lift, sent Second Round of Trucks Through to Thickin up 13th Lift, Due to Frost all Shots Failing.
955 - Last of Second Round of Trucks Left
1000 - plowed and re rolled 13th Lift
1044 - Sampled Large stockpile, called mike told me Not to submitt soils
1100 - NYSDEC ONSITE Billm Murray
1050 - 1st of 3rd round of trucks on site, Two Extra trucks added
1110 - plowed 14th Lift
1130 - NYS DEC Left site
1200 - called M. Lesakowski Let him know that we are going to be less than 8" on the Remaining Lifts, He Is going to let me know If Thats OK
1215 - Recived Call From ML said He Spoke to Cory Ellicotte developmt said It was ok
1215 - 1230 took 5 passing shots on 14th Lift
1150 - 1st Truck of 4th round onsite

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

INSPECTOR'S DAILY REPORT

Page 2 of 10

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	

LOCATION:		DAY: Su M Tu W Th F Sa	
517 Niagara Street			
WEATHER:	TEMP: °F	START:	END:

WORK PERFORMED:

1230 - Last truck of 4th Round left site
Began placing 15th Lift, Lifts are ~6"
1315 - 1st Truck of ~~5th~~ Round of truck 6 trucks
1315-1330 - Took 5 passing ~~shots~~ shots on 15th Lift
with Extra truck Lifts were back to 8";
So took shots with rod @ 8.
1340 - Last ~~truck~~ truck of 5th ~~round~~ round.
1343 - Started Spreading 16th Lift.
1300 NYSDEC ONSITE.
1400 NYSDEC left site.
1430 1st Truck of 6th Round
1430 - 1450 Took 5 passing shots on 16th Lift
1500 - Last truck of 6th Round Left site
1500 - ~~1~~ Spread 17th Left
1530 - took 4 passing shots, ~~1~~ 5th shot on East
end Failed Re-Rolled took New shot passed
1600 - Left site site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

TurnKey Environmental Restoration, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project: 517 Niagara St
Client: 1093 Broad LLC
Job No.: 0136-002-300
Contractor: Tolad

Date: 3/13/09
Report No.:
Inspector: TAB
Page 3 of 10

PROCTOR DATA:

Type of Material	Runrie crush	
Source Area	whole plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 663
Moisture: 2264

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	13-1	13-2	13-3	13-4	13-5	14-1	14-2	14-3	14-4	14-5
DEPTH OR ELEVATION	8"	8"	8"	8"	8"	6"	6"	6"	6"	6"
PERCENT COMPACTION (%)	95.3	97.8	95.1 (129.2)	96.8	95.1	95.7	99.3	95.5	95.2	97.4
DRY DENSITY (pcf)	129.5	132.9	133.8	131.5	129.3	130.0	134.9	129.8	129.8	132.4
WET DENSITY (pcf)	134.0	137.8		136.2	134.4	134.7	139.8	135.3	133.5	136.7
MOISTURE (pcf)	4.5	4.9	4.6	4.7	5.1	4.7	4.9	5.5	4.2	4.3
PERCENT MOISTURE (%)	3.5	3.7	3.6	3.6	4.0	3.6	3.6	4.2	3.2	3.3
DENSITY COUNT	1128	1031	1134	1071	1118	1734	1559	1712	1779	1663
MOISTURE COUNT	71	76	72	73	78	73	75	82	67	69
PASS [P] or FAIL [F]	P	P	P	P	P	P	P	P	P	P

LOCATION:

TEST NO. (from above)	X	Y	Z

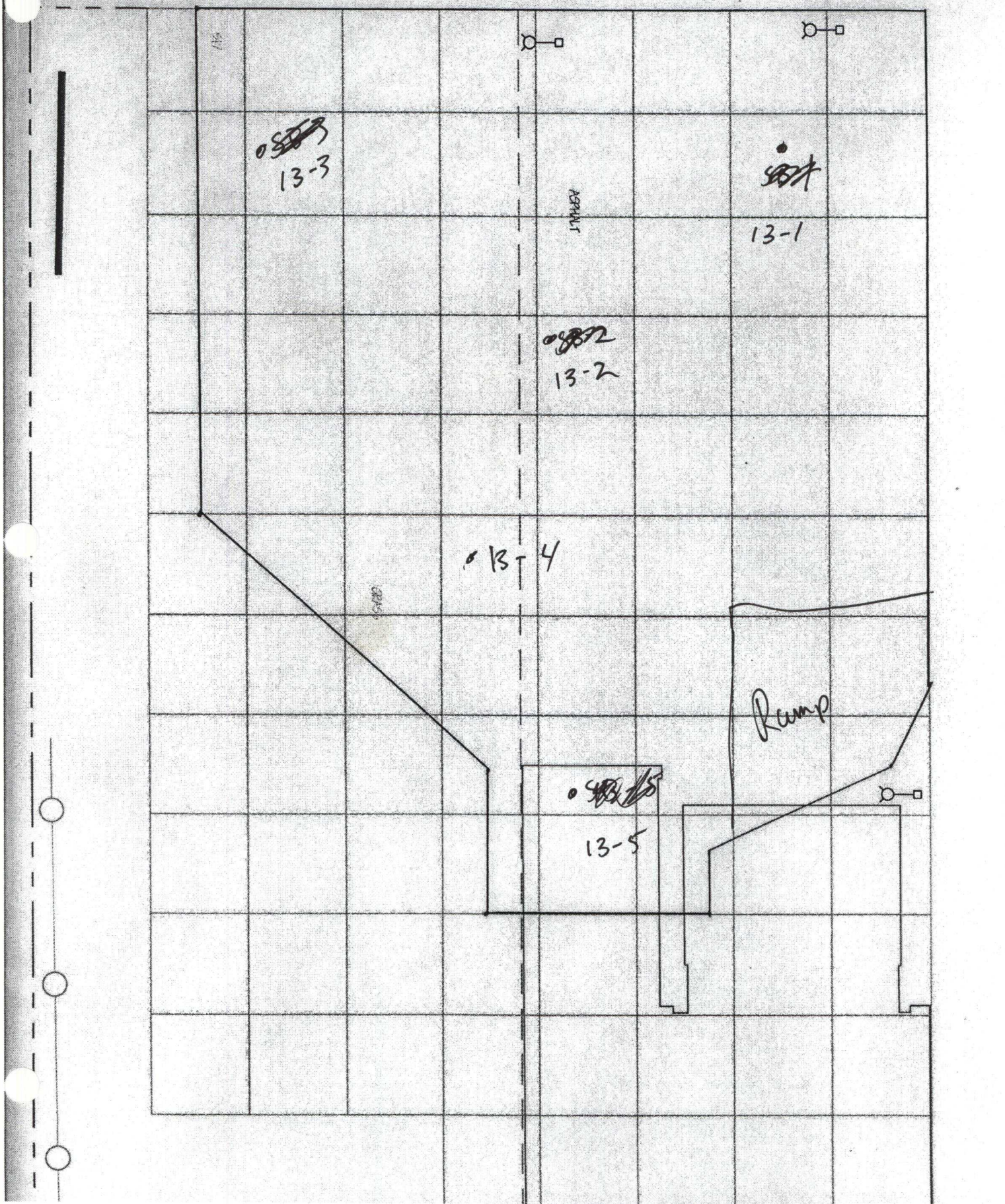
TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: Thomas A Behnke **DATE:** 3/13/09

Lift 13 8" Lift 4 of 10

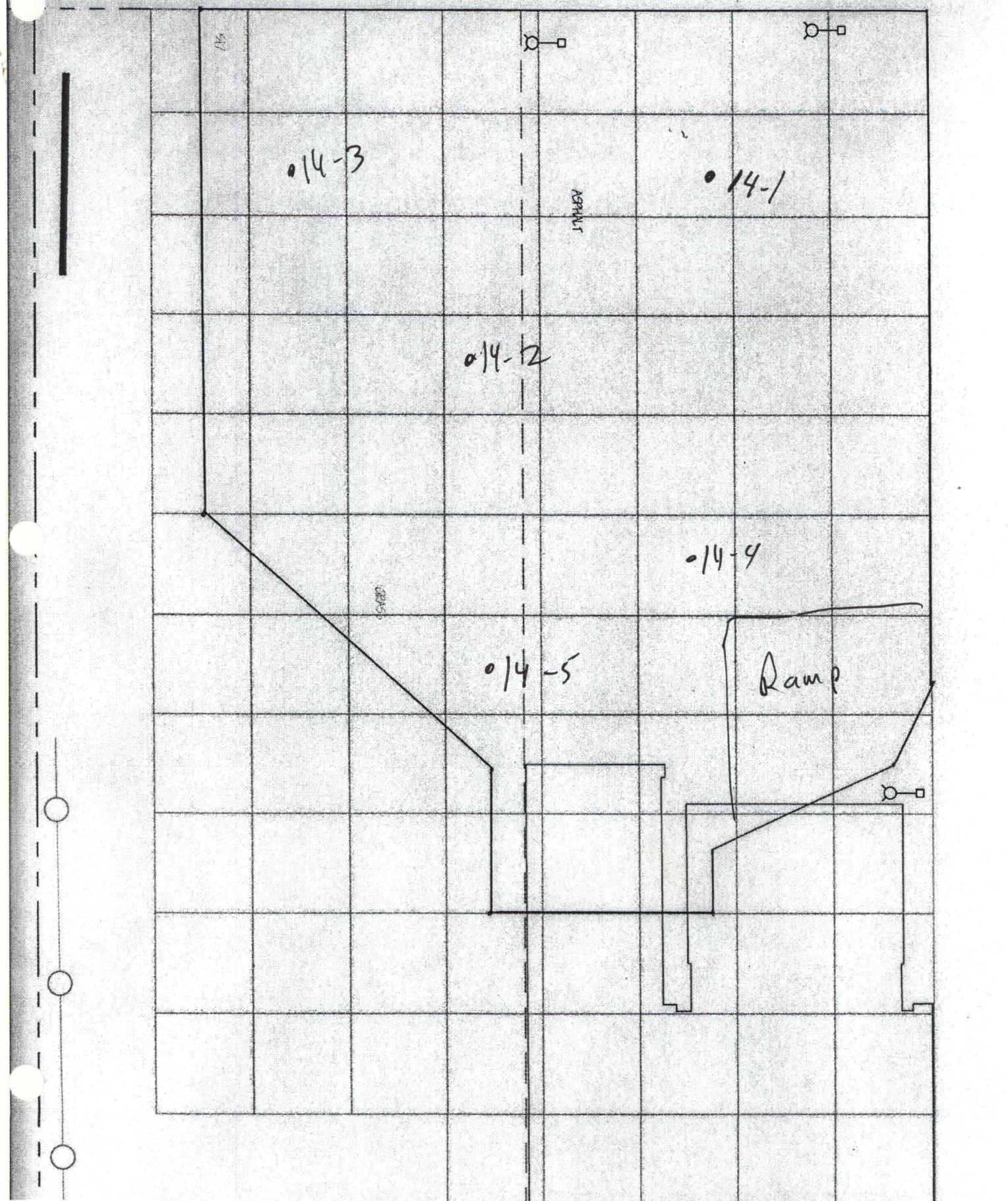
3/13/09



Lift 14 6" Lift

3/13/09

5 of 10



NUCLEAR DENSITOMETER FIELD LOG

TurnKey Environmental Restoration, LLC

Project:	512 Niagara St	Date:	3/13/09
Client:	1093 Group LLC	Report No.:	
Job No.:	0136-002-300	Inspector:	TAB
Contractor:	Zoladz	Page	6 of 10

PROCTOR DATA:

Type of Material	Runner Crush	
Source Area	[illegible] plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:

85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 663
Moisture: 2264

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	15-1	15-2	15-3	15-4	15-5		16-1	16-2	16-3	16-4	16-5	
DEPTH OR ELEVATION	8"	8"	8"	8"	8"		8"	8"	8"	8"	8"	
PERCENT COMPACTION (%)	95.4	99.8	96.1	96.1	97.7		95.2	96.2	104.7	100.7	96.5	
DRY DENSITY (pcf)	129.6	135.6	130.6	130.7	132.8		129.3	130.4	142.3	136.9	131.2	
WET DENSITY (pcf)	133.4	140.2	134.3	135.2	137.3		133.7	134.4	148.1	141.6	136.1	
MOISTURE (pcf)	3.8	4.6	3.7	4.5	4.5		4.4	4.0	5.7	4.7	4.9	
PERCENT MOISTURE (%)	2.9	3.4	2.9	3.5	3.4		3.4	3.1	4.0	3.4	3.7	
DENSITY COUNT	1146	976	1122	1098	1044		1136	1118	814	946	1075	
MOISTURE COUNT	63	72	62	71	71		70	65	85	73	75	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature] **DATE:** 3/13/09

Lift 15 8" Lift

3/13/09

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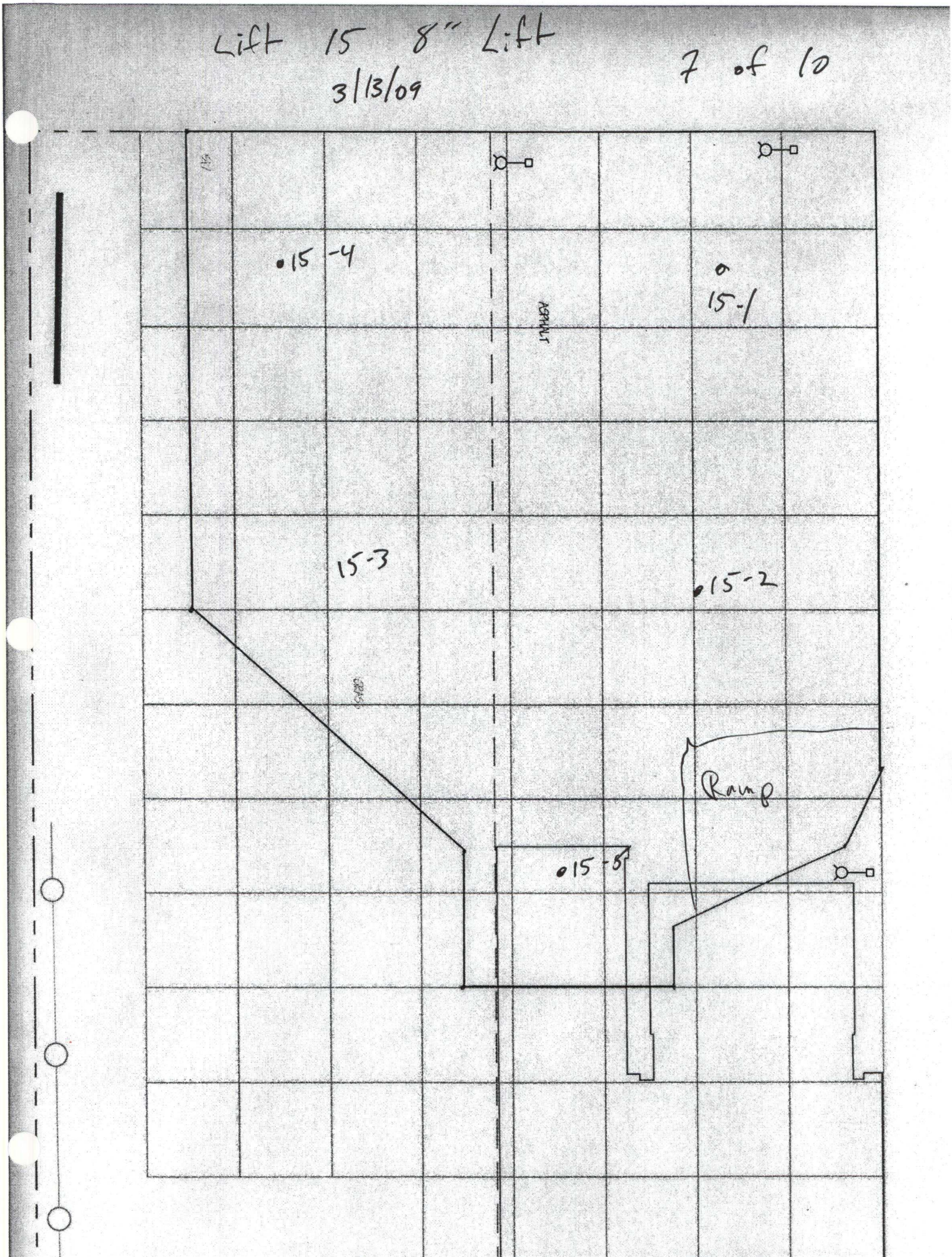
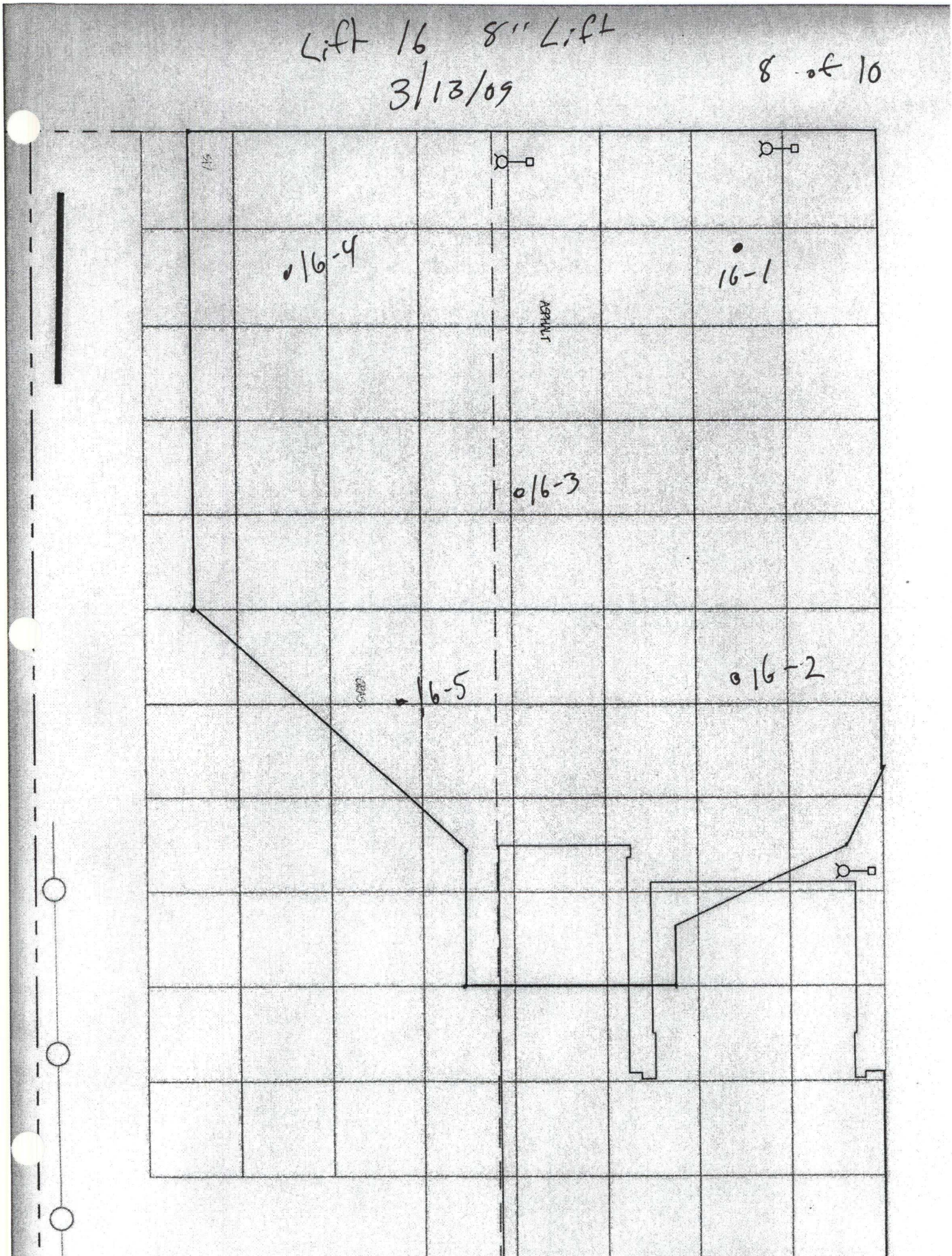


Lift 16 8" Lift

3/13/09



TurnKey Environmental Restoration, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project: 517 Niagara st
Client: 1093 Group LLC
Job No.: 0136-602-300
Contractor: Zoladz

Date: 3/13/09
Report No.:
Inspector: TAB
Page 9 of 60

PROCTOR DATA:

Type of Material	Running Crush	
Source Area	Waste Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 663
Moisture: 2264

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	17-1	~~17-2~~ 17-2	17-3	17-4	17-5							
DEPTH OR ELEVATION	8"	8"	8"	8"	8"							
PERCENT COMPACTION (%)	103.4	95.2	97.1	101.9	96.1							
DRY DENSITY (pcf)	140.6	129.3	132.0	138.5	130.6							
WET DENSITY (pcf)	146.7	133.1	138.7	143.4	136.0							
MOISTURE (pcf)	6.1	3.8	4.7	4.9	5.4							
PERCENT MOISTURE (%)	4.3	3.0	3.6	3.6	4.1							
DENSITY COUNT	840	1153	1059	906	1076							
MOISTURE COUNT	89	63	73	76	81							
PASS [P] or FAIL [F]	P	P	P	P	P							

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature] **DATE:** 3/10/09

17th Lift 8"

INSPECTOR'S DAILY REPORT

TurnKey Environmental Restoration, LLC

CONTRACTOR: Zoladz Construction	JOB NO.: 0136-002-300
CLIENT: 1093 Group LLC	DATE: 3/16/09

LOCATION: 517 Niagara Street		DAY: Su M Tu W Th F Sa	
WEATHER: Partly cloudy mid 40's	TEMP: mid 40s °F	START: 0800	END:

WORK PERFORMED:

0800 TK onsite
0815 1st Truck onsite
835 Last Truck of First Round left site
830. Started spreading 18th Lift
0930. 1st of second round of Truck onsite, Took Two Failing shots 1 center and one NW corner, Re-Rolled Area took 1 Failing shot SW corner Re Rolled Area 6" Lift with 5 Track
1000. Last of second Round of trucks left site, started spreading 19th Lift,
1030 - Took 3 passing shots on west side and Middle of site, 2 shots on East side Failed Re-Rolled East side, NYSDEC onsite
1100 - First of 3rd Round of Trucks on site, Tom Lang Zoladz onsite
1110 - Kevin From NYSDEC Stopped out want to let us Know that Larger stockpile still needs to Be sampled, Told Him, that we are concentrating on Backfilling, and that I would let ~~them~~ Mike Lar. Know,
1115 - NYSDEC left site
1120 - Last of 3rd Round of Trucks left site, STARTED spreading 20th lift
1140 - Confirmed with Mike L. that small pile can be Removed, Zoladz is pulling up Concrete.
1200 - 1st of 4th Round of Trucks,
1210 - Started Spreading 20th Lift
1233 - Truck (Zoladz) 101 started Hauling concrete to Bethlehem steel.
Truck #100 & 83 Concrete to BSC
Truck # 148 " " "
Truck # 133 Hauling Concrete to BSC

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE: [signature]

INSPECTOR'S DAILY REPORT

CONTRACTOR:	JOB NO.:
Zoladz Construction	0136-002-300
CLIENT:	DATE:
1093 Group LLC	

LOCATION:		DAY: Su M Tu W Th F Sa	
517 Niagara Street			
WEATHER:	TEMP: °F	START:	END:

WORK PERFORMED:

1300 - Truck #101 (100) Taking set a side Pile of concrete to modern Land fill

1400 - called Mike L. Told Him that we have Fill ~~Next~~ mixed with Concrete, looks about 60/40 Concrete Mike wants to segregate Fill material, From concrete, stays It Next to Larger Pile

1420 - Truck # 83 headed to Land fill with small stock pile (soil) material & Truck # 148

1420 - Need confirmation on lift In soil pile, have call In to Mike

1400 - NYSDEC Bill Murray onsite,

1440 - Truck # 133 Headed to Metalico on Fillmore with scrap steel

1500 - NYSDEC Bill Murray Left site

1500 - Hydralic Lift Mike said That If It is oily and stinky to send It to the Landfill that its on Zoladz

1542 - Truck 133 on site dumping taking Down Fence and Woody Debris

1615 - Spread 2nd Lift to Final grade, 4" Lift

1715 - Took 5 Passing shots on 2nd Lift - Scraped of ~1.5 Truck Loads of stone To make grade Lift ~ 4"

1730 Left site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

TurnKey Environmental Restoration, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project: Niagara/Penn
Client: 1093 Group LLC
Job No.:
Contractor: Zoladz

Date: 3/16/09
Report No.:
Inspector: TAB
Page 3 of 6

PROCTOR DATA:

Type of Material	2" Run	
Source Area	Wash Plant	
Maximum Density	135.89	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: @ 2221
Moisture: 692

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	18-1	18-2	18-3	18-4	18-5		19-1	19-2	19-3	19-4	19-5	
DEPTH OR ELEVATION	6"	6"	6"	6"	6"		6"	6"	6"	6"	6"	
PERCENT COMPACTION (%)	99.4	95.5	98.2	97.7	96.0		96.4	97.3	96.8	95.9	100.8	
DRY DENSITY (pcf)	135.1	129.7	133.5	132.8	130.5		131.0	132.2	131.6	130.2	137.0	
WET DENSITY (pcf)	140.0	133.3	137.6	137.2	134.0		135.0	136.2	136.0	134.2	141.6	
MOISTURE (pcf)	4.9	3.6	4.1	4.4	3.5		4.0	3.9	4.4	3.9	4.7	
PERCENT MOISTURE (%)	3.6	2.8	3.1	3.3	2.7		3.1	3.0	3.4	3.0	3.4	
DENSITY COUNT	1543	1776	1624	1635	1751		1713	1673	1677	1743	1753	
MOISTURE COUNT	79	63	69	73	62		68	67	73	67	76	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

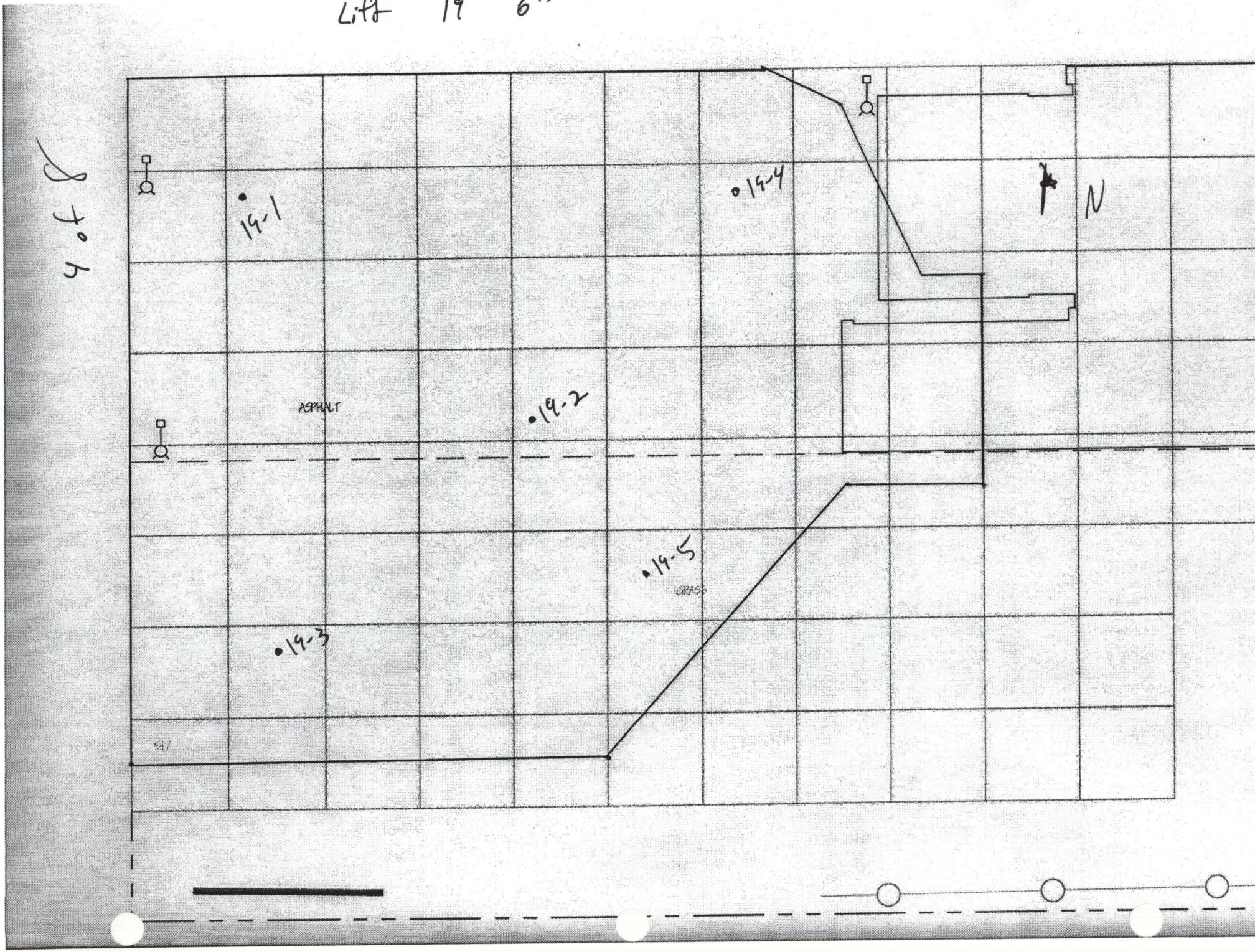
TEST NO. (from above)	X	Y	Z

REMARKS:

SIGNED: [signature]

DATE: 3/16/09

Lift 19 6"



Lift 18 6"

5 of 6

TurnKey Environmental Restoration, LLC

NUCLEAR DENSITOMETER FIELD LOG

Project: Niagara/Penn
Client: 1693 Group LLC
Job No.:
Contractor: Zoladz

Date: 3/16/09
Report No.:
Inspector: TAB
Page 6 of 6

PROCTOR DATA:

Type of Material	2" Run	
Source Area	Wheels Plant	
Maximum Density	135.9	pcf
Optimum Moisture Content	6.6	%

PASSING REQUIREMENT:
85% of the Modified Proctor

NUCLEAR DENSITOMETER RESULTS:

STANDARD COUNTS
Density: 2221
Moisture: 652

GAUGE INFORMATION:
Troxler Model No.: 3440
Troxler Serial No.: 32534

TEST NUMBER	20-1	20-2	20-3	20-4	20-5		21-1	21-2	21-3	21-4	21-5	
DEPTH OR ELEVATION	6"	6"	6"	6"	6"		4"	4"	4"	4"	4"	
PERCENT COMPACTION (%)	~~95.2~~	96.9	97.7	97.5	100.2		96.2	97.7	95.5	100.4	97.2	
DRY DENSITY (pcf)	~~129.4~~	131.7	132.8	132.6	136.2		130.8	132.8	129.7	136.5	132.1	
WET DENSITY (pcf)	133.7	137.2	136.5	136.6	139.8		134.1	136.5	133.7	141.1	137.1	
MOISTURE (pcf)	4.3	5.5	3.7	4.0	3.6		3.3	3.7	3.9	4.7	5.0	
PERCENT MOISTURE (%)	3.4	4.2	2.8	3.0	2.6		2.6	2.8	3.0	3.4	3.8	
DENSITY COUNT	1761	1635	1662	1659	1553		2347	2247	2366	2065	2219	
MOISTURE COUNT	72	86	64	68	63		60	64	67	76	80	
PASS [P] or FAIL [F]	P	P	P	P	P		P	P	P	P	P	

LOCATION:

TEST NO. (from above)	X	Y	Z

TEST NO. (from above)	X	Y	Z

REMARKS:

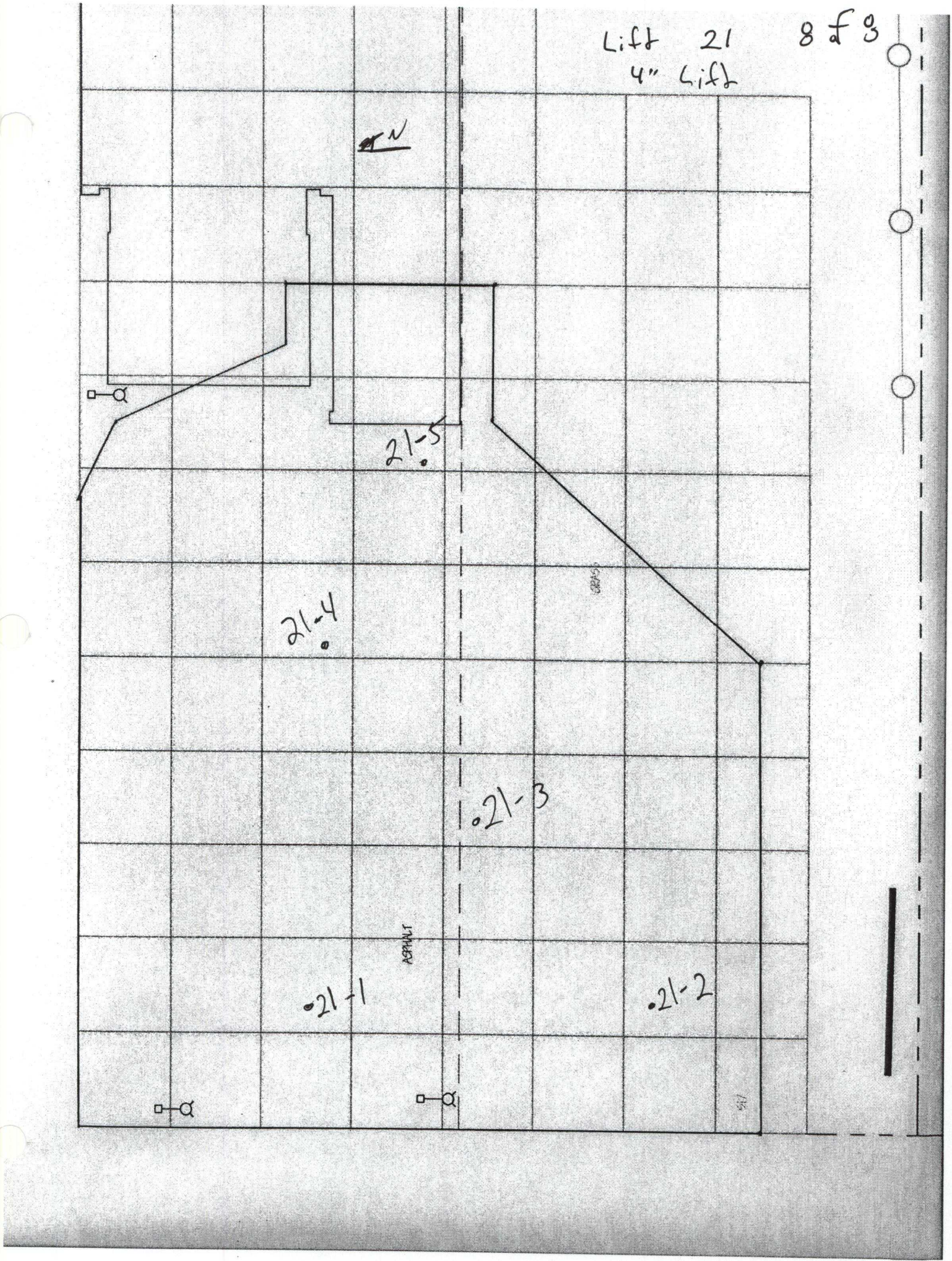
SIGNED: [signature]

DATE: 3/16/09

Lift 20 3/16/09

6"

Top of


Lift 21
4" Lift
N
21-5
21-4
21-3
21-1
21-2
ASPHALT

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR:	JOB NO.:
TREC Environmental	0136-002-301
CLIENT:	DATE:
1093 Group LLC	4-3-09

LOCATION:		DAY:	
517 Niagara Street		Su M Tu W Th (F) Sa	
WEATHER:	TEMP:	START:	END:
Rain, cloudy wind 0-5 mph	50 °F	745	1645

WORK PERFORMED:

800 TREC onsite and start to unload
B6 called ML ask about wells finish
No community air done to rain
900 Kevin (DEC) onsite until 11:00 and 1415 until 1500

Completed B-3, B-4, B-5, B-6, + B-7
Completed MW-3, MW-5 + MW-6 wells

Collected samples from B-3 (5-7') & B-4 (5-7'); B-4 MS (5-7'), B-4 MSD (5-7'), Blind (B-4)

1645 clean up and left site

TEST PERFORMED:	QA PERSONNEL: Brad Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED) Page 2 of 2

CONTRACTOR:	JOB NO.:
TREC Environmental	0136-002-301
CLIENT:	DATE:
1093 Group LLC	4-9-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer	8	1				Water Truck		
Operating Engineer	8	2	Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller			Geoprobe	8	2
			Paving Equipment					
			Air Compressor					

REMARKS:

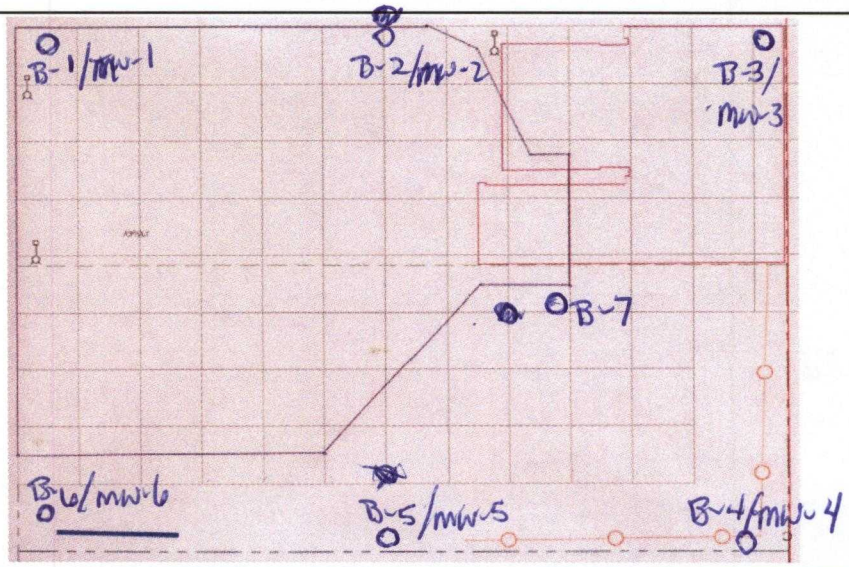
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: B-4, B-3, B-4 MS, B-4 MSD, Blind 3 (B-4)

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

CONTRACTOR:	JOB NO.:
TREC Environmental	0136-002-301
CLIENT:	DATE:
1093 Group LLC	4-6-09

LOCATION:	DAY:		
517 Niagara Street	Su (M) Tu W Th F Sa		
WEATHER: Rain, cloudy	TEMP: 35 °F	START: 800	END: 1530

WORK PERFORMED:

800 B6 onsite + TREC
830 Set up Community air monitoring took down at 945 due to rain
930 Kevin (DEC) onsite

Completed MW-1, MW-2, MW-4

1300 Collected surface sample Grab VOC composite of 3 for the rest (0-6")
1500 Collected Drill cutting sample from pile. (sample not submitted)
Small pile of drill cuttings 6'x6'x1' pile

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED) Page 2 of 2

CONTRACTOR:	JOB NO.:
TREC Environmental	0136-002-301
CLIENT:	DATE:
1093 Group LLC	4-6-09

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer	7.5	1				Water Truck		
Operating Engineer	7.5	1	Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller			Geoprobe	7.5	1
			Paving Equipment					
			Air Compressor					

REMARKS:

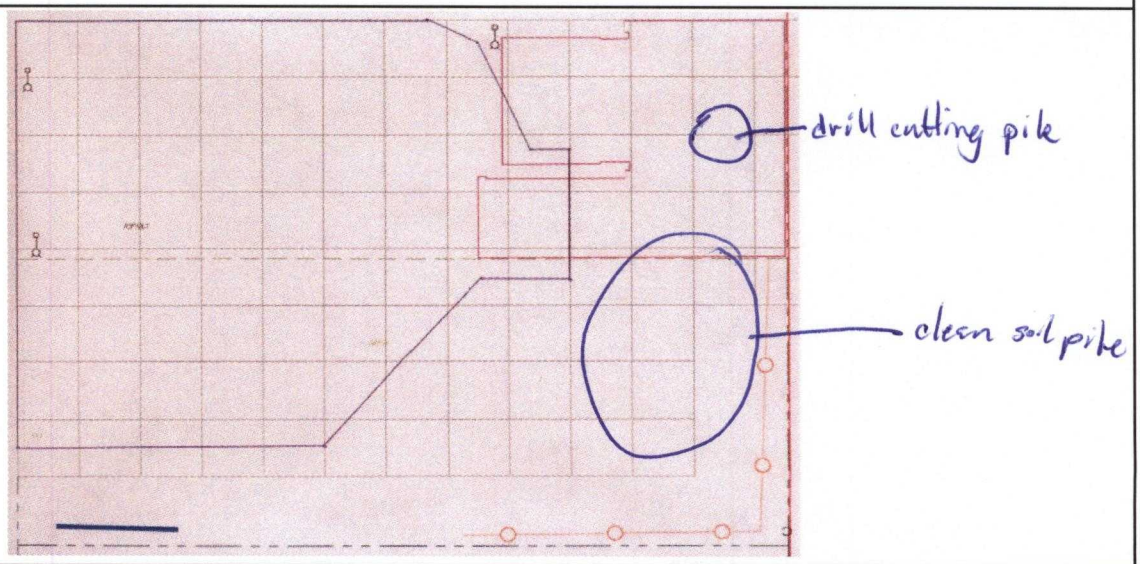
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: Surface sample

Field Observations:

MAP:



TurnKey Environmental Restoration, LLC

INSPECTOR'S DAILY REPORT

Page 1 of 2

CONTRACTOR: ~~TREC Environmental~~ NA	JOB NO.: 0136-002-301
CLIENT: 1093 Group LLC	DATE: 4-9-08

LOCATION: 517 Niagara Street		DAY: Su M Tu W (Th) F Sa	
WEATHER: Partly cloudy, 45°F	TEMP: 45 °F	START: 945	END: 1500

WORK PERFORMED:

Well Development BG + PWW

MW-2 was dry

See GW Field form for details

TEST PERFORMED:	QA PERSONNEL: Brock Greene
	SIGNATURE:

INSPECTOR'S DAILY REPORT

(CONTINUED)

CONTRACTOR:	JOB NO.:
~~TREC Environmental~~ NA	0136-002-301
CLIENT:	DATE:
1093 Group LLC	

MEETINGS HELD & RESULTS:

CONTRACTOR'S WORK FORCE AND EQUIPMENT NA

DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Front Loader Ton		
Superintendent						Bulldozer		
Laborer-Foreman						DJ Dump Truck		
Laborer						Water Truck		
Operating Engineer			Equipment			Backhoe		
Carpenter			Generators			Excavator		
Ironworker			Welding Equipment			Pad foot roller		
Concrete Finisher			Roller			Geoprobe		
			Paving Equipment					
			Air Compressor					

REMARKS:

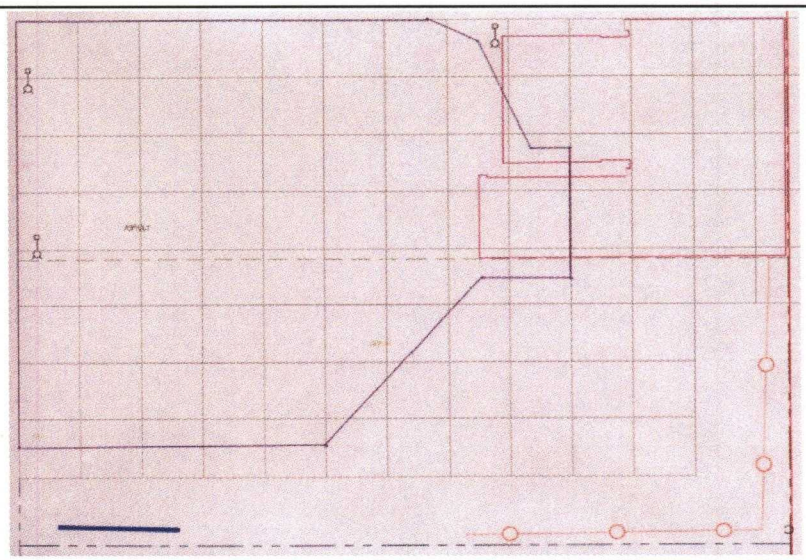
REFERENCES TO OTHER FORMS:

SAMPLES COLLECTED:

Sample Number: None

Field Observations:

MAP:



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 517 Niagara St. Site
Project No.: 0136-002-301
Client: Ellicott Development

Date: 4/9/09

Instrument Source: [X] BM [ ] Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
[✓] pH meter	units	8:15	Myron L Company Ultra Meter 6P	606987	8:15 PWW	4.00	4.05	4.00 ok
						7.00	7.03	7.00 ok
						10.01	9.97	10.00 ok
[✓] Turbidity meter	NTU	8:20	Hach 2100P Turbidimeter	970600014560	8:20 PWW	< 0.4	.30	< .4 ok
						20	21.2	20 ok
						100	99.9	100 ok
						800	782	800 ok
[✓] Sp. Cond. meter	uS mS	8:15	Myron L Company Ultra Meter 6P	606987	8:15 PWW	2764 mS @ 25 °C	2763	2764 ok
[ ] PID	ppm		MinRAE 2000			open air zero		MIBK response factor = 1.0
						____ ppm Iso. Gas		
[✓] Dissolved Oxygen	ppm	8:25	YSI Model 55	05D2677	8:25 PWW	100%	100%	100% ok
[ ] Particulate meter	mg/m³					zero air		
[ ] Oxygen	%					open air		
[ ] Hydrogen sulfide	ppm					open air		
[ ] Carbon monoxide	ppm					open air		
[ ] LEL	%					open air		
[ ] Radiation Meter	uR/H					background area		
[ ]								

ADDITIONAL REMARKS:

PREPARED BY: Paul W Wentt **DATE:** 4/9/09

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 517 Niagara St. site Date: 4-9-09

Location: 517 Niagara St Project No.: 0136-002-301 Field Team: BG + PWW

Well No. MW-1			Diameter (inches): 2"			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft): 2.19			DTW when sampled:			
DTW (static) (fbTOR): 18.03			One Well Volume (gal): .36			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.22			Total Volume Purged (gal):			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10:42	0 Initial	<.25	6.84	10.7	2651	78	7.49	62	clear/Musty Odor
10:46	1 18.93	.5	6.68	10.9	2751	>1000	8.35	35	Turbid brown/Musty odor
10:50	2 19.46	1	6.78	10.9	2770	>1000	8.29	36	"
10:58	3 DRY	1.4							
14:29	4 19.09	1.4	6.83	12.0	2731	128	8.02	101	clear/musty odor
14:36	5 20.00	1.8	6.86	11.5	2747	>1000	8.13	95	Turbid brown/Musty
14:40	6 DRY	1.8							
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. MW-2			Diameter (inches): 2"			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft): NA			DTW when sampled:			
DTW (static) (fbTOR): 0.0			One Well Volume (gal):			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS: MW-2 DRY did not develope

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 517 Niagara St. Site Date: 4-9-09

Location: 517 Niagara St Project No.: 0136-002-301 Field Team: BB/PWW

Well No. MW-3			Diameter (inches): 2"			Sample Date / Time: —			
Product Depth (fbTOR): —			Water Column (ft): 9.15			DTW when sampled: —			
DTW (static) (fbTOR): 11.15			One Well Volume (gal): 1.5			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:17	0 Initial	0.25	6.92	9.9	738.8	71	7.85	66	clear/Musty odor
11:24	1 12.45	1.5	6.84	9.8	713.5	690	7.55	73	Turbid brown/Musty odor
11:29	2 14.48	3	6.78	9.8	782.6	>1000	7.54	68	"
11:34	3 15.60	4.5	6.72	10.4	856.4	"	6.87	64	"
11:39	4 17.58	6	6.72	10.9	853.4	"	5.54	69	"
11:44	5 18.91	7.5	6.79	11.3	953.5	"	5.04	76	"
11:47	6 20.05	9	6.84	11.3	924.1	"	5.55	77	"
11:51	7 DRY	~~9~~ 10							
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. MW-4			Diameter (inches): 2"			Sample Date / Time: —			
Product Depth (fbTOR): —			Water Column (ft): 13.71			DTW when sampled: —			
DTW (static) (fbTOR): 6.59			One Well Volume (gal): 2.23			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:04	0 Initial	<.25	6.80	9.7	819.5	187	8.32	92	clear/Musty odor
12:09	1 8.59	2.25	6.80	9.0	767.4	>1000	7.67	95	Turbid brown/Musty
12:14	2 10.35	4.50	6.80	8.4	750.0	>1000	5.69	97	"
12:25	3 10.95	9.0	6.84	9.1	750.0	"	5.72	96	"
12:35	4 16.05	13.5	6.62	10.6	919.1	"	6.92	102	"
12:47	5 19.32	18.0	6.73	11.3	1111.0	"	6.29	103	"
12:50	6 DRY	19.5							
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 517 Niagara St. Ste Date: 4-9-09

Location: 517 Niagara St. Project No.: 0136-002-301 Field Team: BG/RWW

Well No. MW-5			Diameter (inches): 2"			Sample Date / Time: —			
Product Depth (fbTOR): —			Water Column (ft): 12.83			DTW when sampled: —			
DTW (static) (fbTOR): 7.47			One Well Volume (gal): 2.09			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method: Bailer			

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
13:40	0	Initial	2.25	6.44	9.2	960.0	100	6.66	133	clear/musky odor
13:44	1	9.25	2.25	6.37	9.4	919.0	>1000	5.89	86	Turbid brown/Musky
13:50	2	12.55	4.5	6.30	8.4	973.3	>1000	4.96	80	"
14:01	3	16.20	9	6.48	10.1	973.2	"	4.66	99	"
1411	4	19.25	13.5	6.57	11.3	1083	"	3.41	99	"
14:15	5	DRY	14							
	6									
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

Well No. MW-6			Diameter (inches): 2"			Sample Date / Time: —			
Product Depth (fbTOR): —			Water Column (ft): 3.48			DTW when sampled: —			
DTW (static) (fbTOR): 16.82			One Well Volume (gal): .56			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method: Bailer			

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10.21	0	Initial	2.25	6.30	10.4	1246	22	5.98	96	clear/No Odor
10:25	1	17.88	.60	6.15	10.3	1203	411	5.95	43	Turbid brown/Musty odor
10:30	2	18.88	1.2	6.37	10.4	1275	>1000	6.12	41	"
10:35	3	19.45	2.0	6.50	10.4	1294	"	7.19	45	"
10:40	4	DRY	2.5							
14:[illegible]	5	18.86	2.5	6.61	11.7	1276	255	6.47	93	"
14:22	6	19.80	3.1	6.81	11.6	1300	>1000	7.28	75	"
14:25	7	DRY	3.4							
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 517 Niagara St

Project No.: 0136-002-301

Client: Ellicott Development

Date: 4/13/09

Instrument Source: ☒ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	9:17	Myron L Company Ultra Meter 6P	606987	PWW	4.00	4.09	4.0 ok
						7.00	7.06	7.0 ok
						10.01	9.92	10.0 ok
☒ Turbidity meter	NTU	9:20	Hach 2100P Turbidimeter	970600014560	PWW	< 0.4	.41	< .4 ok
						20	21.3	20 ok
						100	97.3	100 ok
						800	781	800 ok
☒ Sp. Cond. meter	uS mS	9:17	Myron L Company Ultra Meter 6P	606987	PWW	1413 mS @ 25 °C	1413	1413 ok
☐ PID	ppm		MinRAE 2000			open air zero		MIBK response factor = 1.0
						____ ppm Iso. Gas		
☒ Dissolved Oxygen	ppm	9:25	YSI Model 55	05D2677	~~100~~ PWW	100%	100%	100% ok
☐ Particulate meter	mg/m^3					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		
☐								

ADDITIONAL REMARKS:

PREPARED BY: Paul W Wentz **DATE:** 4/13/09

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FOR

Project Name: Ellicott ~~Dewvelopment~~ Development - 517 Niagara St Date: 4/13/2009

Location: 517 Niagara St Project No.: 0136-002-300 Field Team: PWW / TAB

Well No.	MW-3	Diameter (inches):	2"	Sample Date / Time:	
Product Depth (fbTOR):	--	Water Column (ft):	11.39	DTW when sampled:	
DTW (static) (fbTOR):	8.91	One Well Volume (gal):	1.86	Purpose: ☐ Development ☑ Sample ☒ Purge & Sample	
Total Depth (fbTOR):	20.30	Total Volume Purged (gal):		Purge Method:	

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
13:30	0	Initial	.25	7.21	11.4	724.5	>1000	4.94	102	Turbid brown / Musty
13:32	1	12.03	.75	7.13	10.1	724.2	161	5.00	105	clear / Musty
13:34	2	12.61	1.5	7.09	9.8	718.2	94.3	4.74	102	"
13:38	3	13.11	2.25	7.07	9.4	736.2	177	4.65	94	"
13.40	4	14.00	2.50	7.06	9.4	744.7	240	4.55	95	slight Turbid / Musty
13:42	5	14.47	3	7.04	9.4	749.3	197	6.14	96	"
	6									
	7									
	8									
	9									
	10									
Sample Information:							45.9			clear
13:48	S1	14.95	3.5	7.01	9.8	757.5	~~>1000~~ 53	8.42	100	~~slight Turbid brown~~ / Musty
14.14	S2	17.51	5	7.07	11.2	792.4	67.5	8.60	101	clear / Musty

Well No.	MW-4	Diameter (inches):	2"	Sample Date / Time:	4/13/09 12:05
Product Depth (fbTOR):	--	Water Column (ft):	13.19	DTW when sampled:	12.93
DTW (static) (fbTOR):	7.11	One Well Volume (gal):	2.15	Purpose: ☐ Development ☑ Sample ☒ Purge & Sample	
Total Depth (fbTOR):	20.30	Total Volume Purged (gal):		Purge Method:	

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:37	0	Initial	.25	6.97	10.4	780.0	>1000	8.76	108	Turbid brown / Musty
11:42	1	7.82	.25	6.92	10.0	775.6	"	8.94	108	"
11:45	2	8.81	.75	6.89	10.2	775.8	411	9.09	108	"
11:47	3	8.83	1.5	6.88	9.7	776.7	329	8.85	106	"
11:51	4	8.82	2	6.88	9.2	783.7	231	8.50	105	slight Turbid brown / Musty
11:54	5	8.87	2.25	6.89	9.2	787.7	142	8.56	105	clear / Musty
11:56	6	8.87	2.50	6.88	9.0	789.8	111	7.96	106	"
11:59	7	8.87	3.0	6.90	9.0	792.0	65.2	7.98	104	"
12:02	8	8.87	3.5	6.85	9.0	791.7	40.9	7.73	106	"
	9									
	10									
Sample Information:										
12.04	S1	8.93	4	6.84	9.2	785.4	34.5	7.63	108	clear / Musty
1245	S2	12.93	5	6.94	11.1	780.2	>1000	7.73	100	"

REMARKS: MW-4 MS/MSD TAL metals + PCB's TAKEN. MW-4 metals Taken when turb was 34.5

MW-3 - TAL metals + PCB's TAKEN
TAL metals taken when Turb was 45.9

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: Paul W Wuff

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: Ellicott ~~Dewvelopment~~ Development - 517 Niagara St Date: 4/13/2009

Location: 517 Niagara St Project No.: 0136-002-309 Field Team: PWW / TAB

Well No.	MW-1	Diameter (inches):	2"	Sample Date / Time:	4/13/09
Product Depth (fbTOR):	--	Water Column (ft):	4.36	DTW when sampled:	
DTW (static) (fbTOR):	15.94	One Well Volume (gal):	.71	Purpose: ☐ Development ☑ Sample ☒ Purge & Sample	
Total Depth (fbTOR):	20.30	Total Volume Purged (gal):	3.25	Purge Method:	

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
9:56	0	Initial	.25	6.74	11.5	2840	104	8.23	124	clear / Musty odor
9:59	1	17.46	.75	6.45	10.9	2805	41.9	6.18	69	"
10:02	2	18.26	1.5	6.46	10.9	2843	57.9	6.78	50	"
10:05	3	18.56	1.75	6.56	11.4	2859	107	6.79	59	"
10:06	4	18.76	2.25	6.75	11.1	2832	77.9	7.22	68	"
10:08	5	19.05	2.5	6.77	11.3	2863	87.9	7.26	76	"
10:10	6	19.14	3	6.79	11.2	2856	79.4	7.27	71	"
10:12	7	DRY	3.25							
	8									
	9									
	10									
Sample Information:										
14:27	S1	18.61	3.25	7.03	11.9	2540	493	7.21	116	Turbid brown / Musty
	S2									

Well No.	MW-2	Diameter (inches):	2"	Sample Date / Time:	
Product Depth (fbTOR):	--	Water Column (ft):		DTW when sampled:	
DTW (static) (fbTOR):		One Well Volume (gal):		Purpose: ☐ Development ☑ Sample ☐ Purge & Sample	
Total Depth (fbTOR):		Total Volume Purged (gal):		Purge Method:	

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0	Initial								
	1									
	2					DRY				
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

REMARKS: MW-2 so NO SAMPLING

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: Paul W Wentz

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: Ellicott ~~Dewvelopment~~ Development - 517 Niagara St Date: 4/13/2009

Location: 517 Niagara St Project No.: 0136-002-300 Field Team: PWW / TAB

Well No. MW-~~5~~ 6			Diameter (inches): 2"			Sample Date / Time: 10:30 4/13/09			
Product Depth (fbTOR): --			Water Column (ft): 4.64			DTW when sampled: 16.87			
DTW (static) (fbTOR): 15.66			One Well Volume (gal): .75			Purpose: ☐ Development ☑ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10:20	0 Initial	4.25	6.97	10.0	1209	>1000	7.10	68	Turbid brown / Musty
10:22	1 16.24	.25	6.88	10.1	1298	67.8	6.93	68	clear / Musty
10:25	2 16.70	.40	6.85	9.7	1278	34.1	7.10	49	"
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
10:28	S1 16.87	.50	6.80	10.0	1279	23.8	7.26	25	clear / Musty
10:35	S2 17.50	.75	6.74	10.0	1260	30.9	7.19	23	"

Well No. MW-~~6~~ 5			Diameter (inches): 2"			Sample Date / Time: 11:05 4/13/09			
Product Depth (fbTOR): --			Water Column (ft): 12.69			DTW when sampled: 10.81			
DTW (static) (fbTOR): 7.61			One Well Volume (gal): 2.07			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 20.30			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10.50	0 Initial	.50	6.81	10.2	960.7	>1000	8.62	61	Turbid brown / Musty
10:52	1 9.05	.75	6.88	9.2	961.6	129	8.89	79	clear / Musty
10:56	2 9.54	1.5	6.81	8.8	952.0	76	9.04	90	"
10:58	3 10.21	2.0	6.80	8.3	926.3	42.4	9.11	94	"
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
11:00	S1 10.81	2.25	6.79	8.3	905.8	33.7	9.12	98	clear / Musty
11:28	S2 15.09	3.00	6.86	10.5	963.9	111	8.80	107	"

REMARKS: MW-5 sampled for BD, TAL metals and PFAS's

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: Paul W Wilk

TurnKey Environmental Restoration, LLC

REAL TIME AIR MONITORING LOG

Date: 4-6-09

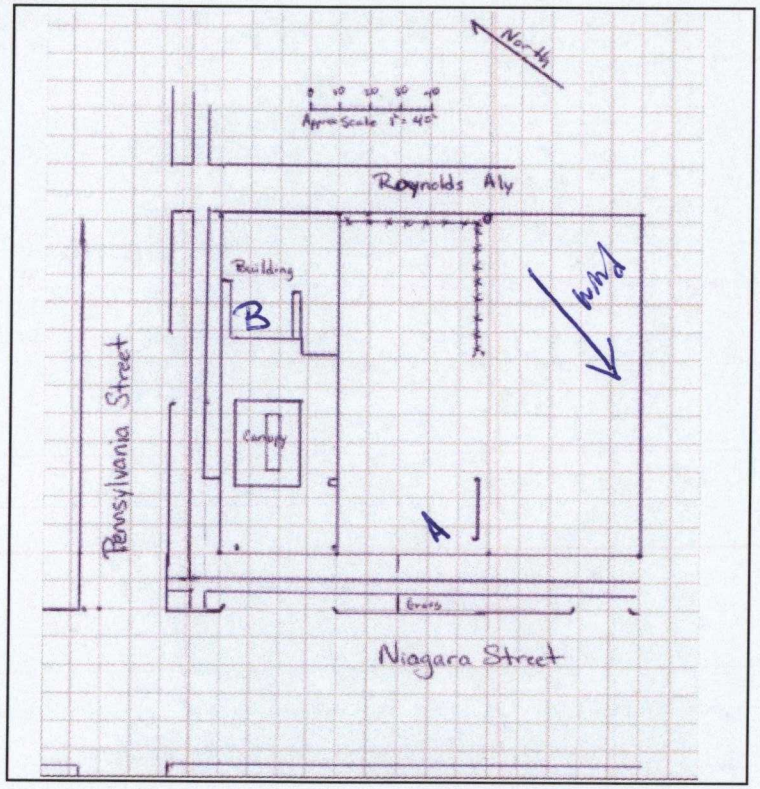
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Drilling

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	35°	
Wind Direction:	South to South	
Wind Speed:	0-5 mph	
Precipitation:	rain	

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
830	0.0			Start monitoring at A
945	0.1			Stop monitoring at A due to rain
1300	0.0			Start monitoring at B
1330				Stop monitoring at B due to rain

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 4-6-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

APPENDIX F

COMMUNITY AIR MONITORING DOCUMENTATION

2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218
Tel (716)856-0599
Fax (716)856-0583

TurnKey Environmental Restoration, LLC

Community Air Monitoring Summary Report

Niagara Street and Pennsylvania Avenue Site, Buffalo, New York

February 17 – February 26, 2009

Summary of Remedial Work Performed During the Period:

- UST removal, excavation and direct loading of petroleum-impacted soil/fill to dump trucks for off-site disposal.

Real Time Community Air Monitoring Work Performed:

Monitoring was completed on the following days:

- 2/17/09 to 2/20/09
- 2/23/09 to 2/26/09

Community Air Monitoring Program Results:

Daily logs for this monitoring period are attached. As indicated, all monitoring results conformed to the Community Air Monitoring perimeter particulate requirement (i.e., <100 ug/m^3) and the organic vapor requirement (i.e., <5 ppm), with the following exception:

- 2/18/09 at 3:00 p.m. PID reading 12.8 ppm. Work stopped and resumed at 3:25 p.m.

Notes / Special Conditions:

- Particulate monitoring was not completed during days of precipitation.

TurnKey Environmental Restoration, LLC

REAL TIME AIR MONITORING LOG

Date: 2-17-09

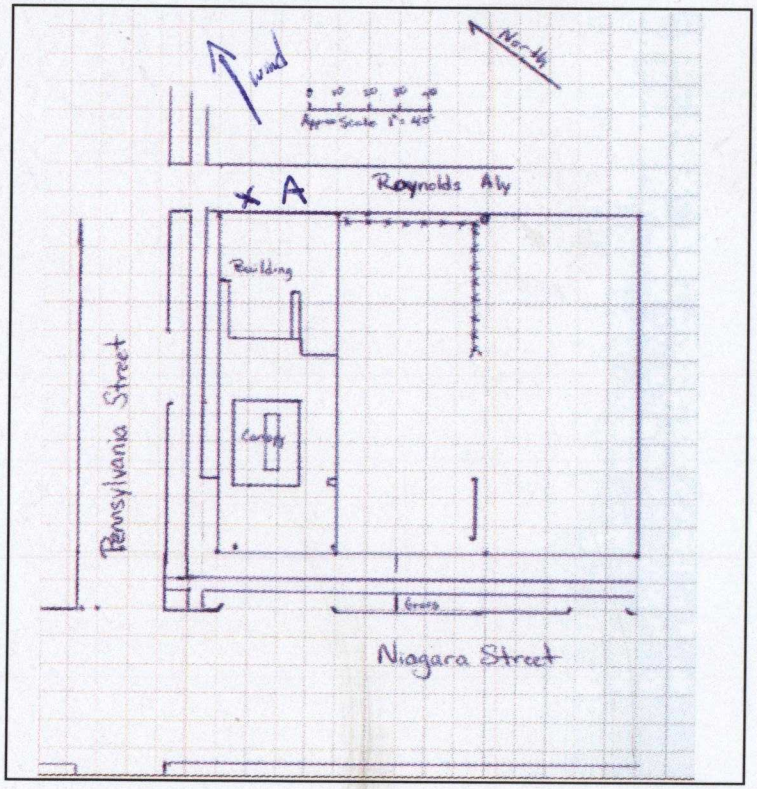
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Excavation

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	30 °F	30 °F
Wind Direction:	S to N	S to N
Wind Speed:	0-5 mph	0-5 mph
Precipitation:	– none	none

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
937	0.0	13.2		A
1000	0.4	23.6		A
1115	0.0	10.9		A
1245	0.0	52.8		A
1330	0.2	8.3		A
1500	0.2	15.2		A
1600	0.2	8.7		A

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-17-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-18-09

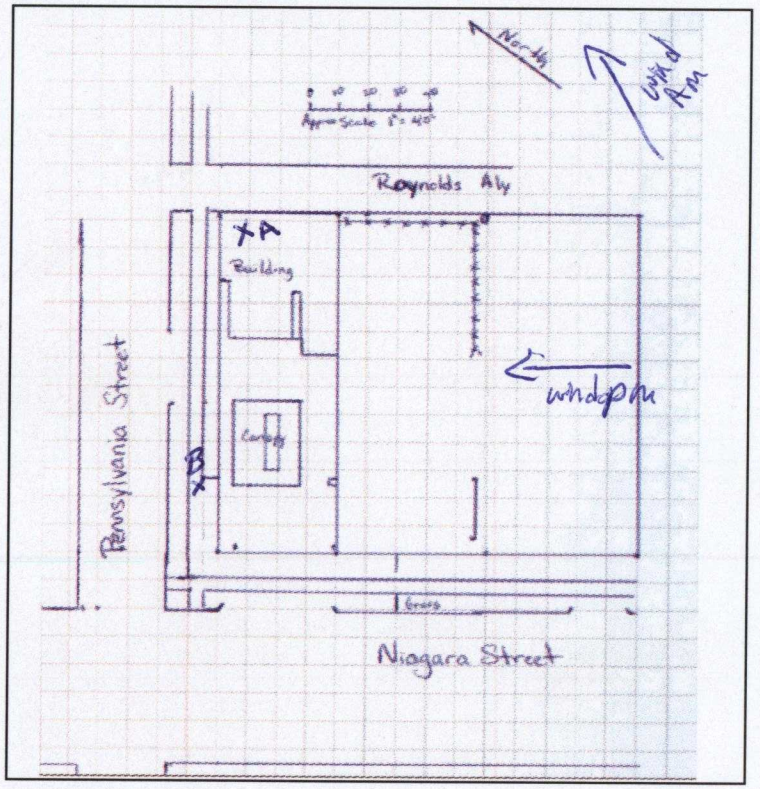
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Tank Removal

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	30°F	30°F
Wind Direction:	S to N	to NW
Wind Speed:	0-5 mph	5-10 mph
Precipitation:	light snow at times	light rain

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
800	0.0	14.3		A
845	0.2	17.8		A, Stopped due to snow
1100				B, PID effected by rain
~~1230~~				turn off
1230				B turned on
1300	12.8			B shut down due to rain
				noticed elevated readings
				shut down work
1325	4.0			Max at perimeter
1415	3.8			Max at perimeter

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-18-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-19-09

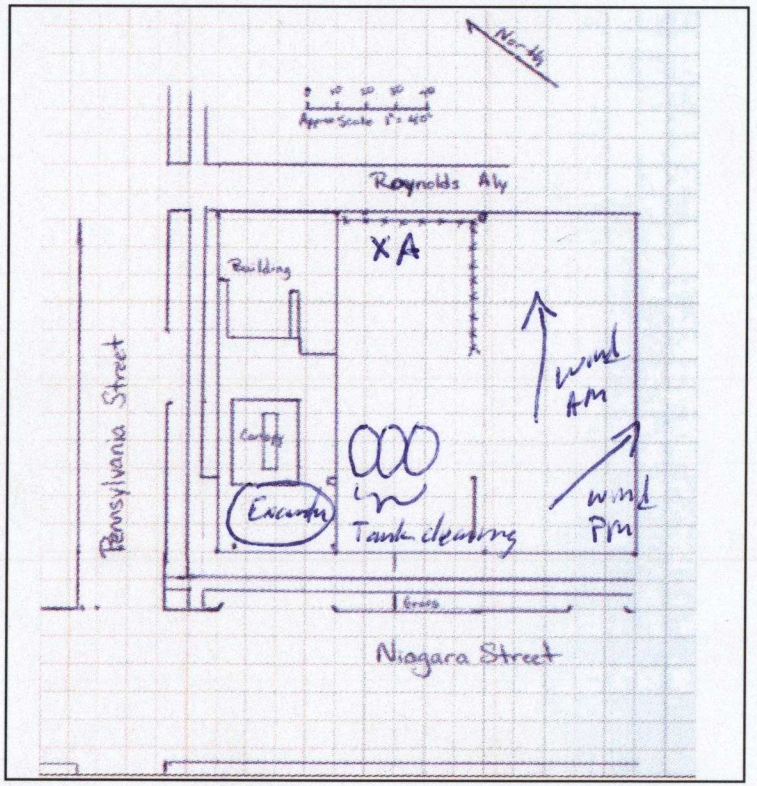
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Tank Removal

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	28	28
Wind Direction:	to E	to E
Wind Speed:	5-15 mph	5-15 mph
Precipitation:	light snow	none

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	max PID at p2 (ppm)	Particulates (mg/m³)	Other	
830	1.8			Max at Perimeter
905	1.1			"
1030	2.5			"
1130	0.8			"
1230	1.8			"
1400	0.3	15.6		A Setup Air monitor
1515	0.1	8.3		A turn off

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-19-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-20-09

Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Excavation

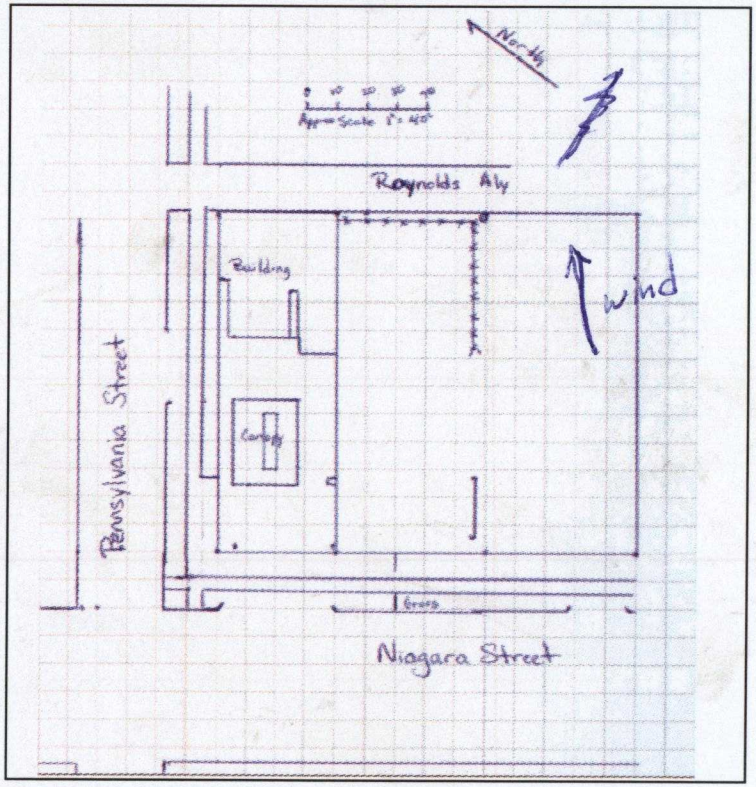
WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	24°F	24°F
Wind Direction:	to N	to N
Wind Speed:	0-5 mph	0-5 mph
Precipitation:	light snow	light snow

* No Air Monitor set up due to snow

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
820	0.0			Max at Perimeter * sustained
930	1.5			" "
1012	0.8			" "
1145	1.3			" "
1330	1.1			" "
1455	0.2			" "
~~1535~~				

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-20-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-23-09

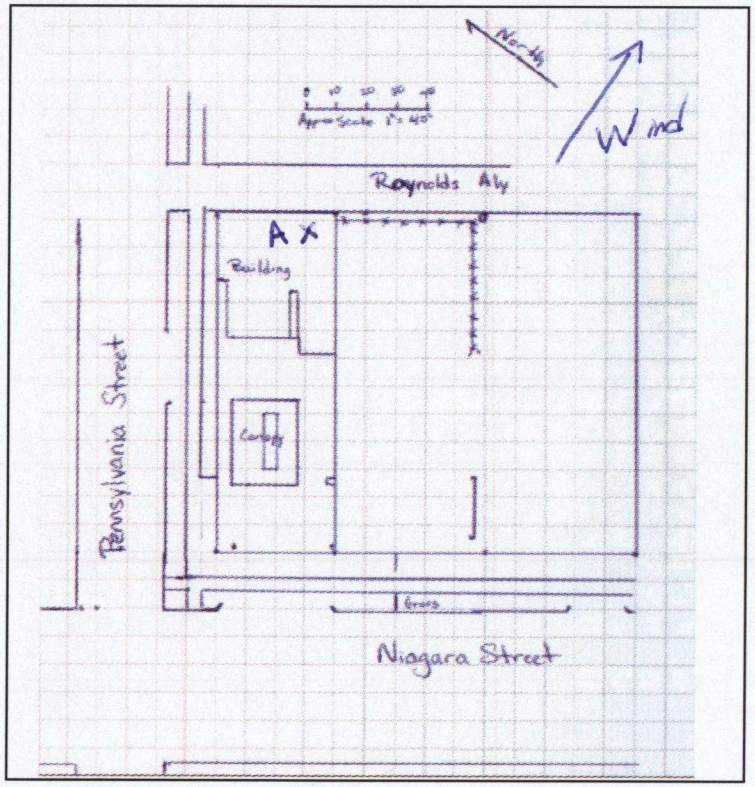
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Excavation

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	24 °F	24°F
Wind Direction:	to NE	to N
Wind Speed:	0-5 mph	0-5
Precipitation:	none	none

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
800	0.0	4.3		A
930	0.4	7.2		A
1100	0.0	6.4		A
1330	0.3	8.3		A
1535	0.0	8.2		A take down

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-23-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 8-24-09

Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Excavation

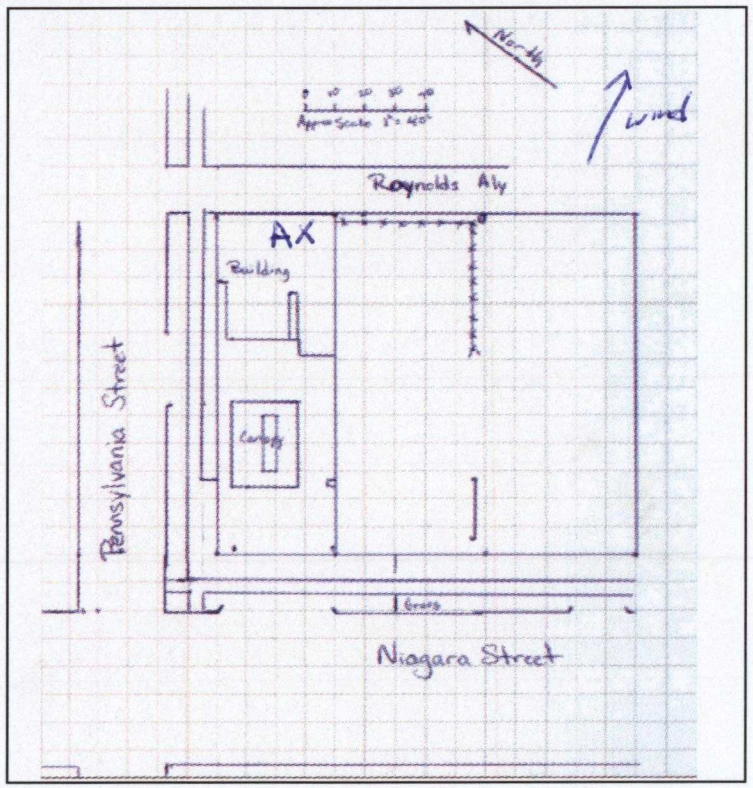
WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	24°	24°F
Wind Direction:	to NE	to NE
Wind Speed:	0-5 mph	0-5 mph
Precipitation:	none	none

* Changed time on PID from 937 to 807
Changed time on data Run 4 from 921 to 804

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
815	0.0	11.5		A
900	0.0	9.1		A
1115	0.1	6.1		A
1320	2.8	13.7		A
1410	0.4	13.6		A

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: _____ Date: 2-24-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-25-09

Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	Excavation

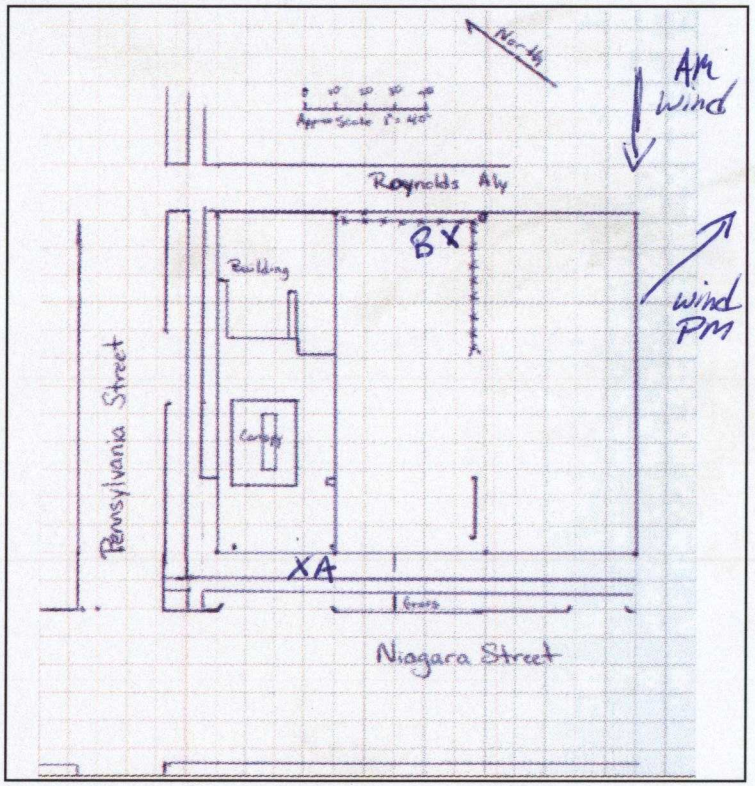
WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	28°	33
Wind Direction:	to SW	to E
Wind Speed:	0-5 mph	0-5 mph
Precipitation:	none	none

* Change time from 739 to 754 (Data Run 4)
" " 750 to 755 (PID

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
803	0.1	23.1		A
934	0.1	15.3		A
1130	0.0	10.7		A
1225	0.0	7.8		B moved to B

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: _____ Date: 2-25-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may commence when readings fall below 5 ppm for 15 minutes

REAL TIME AIR MONITORING LOG

Date: 2-26-09

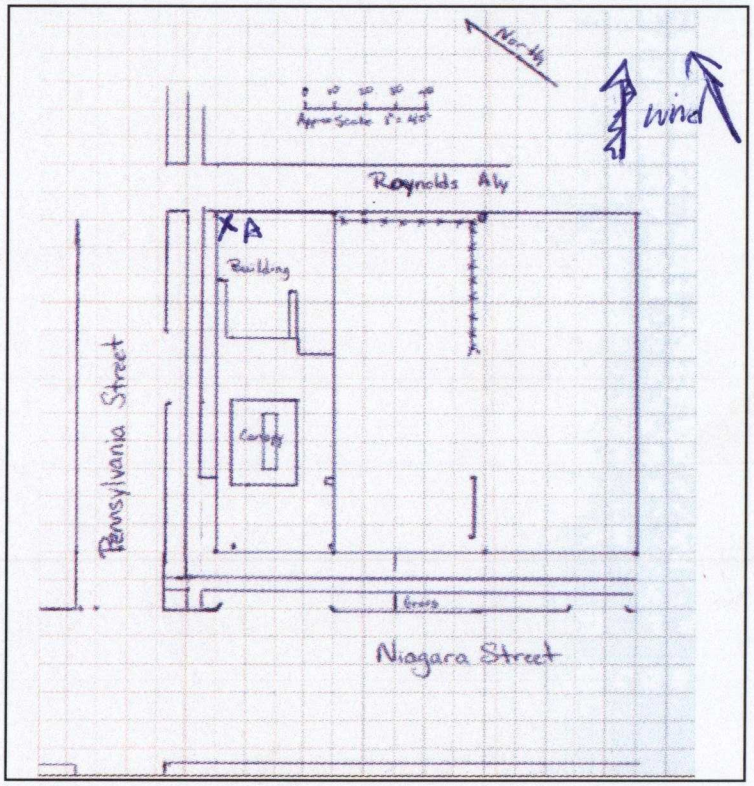
Project Name:	517 Niagara Street
Project Number:	0136-002-300
Project Location:	517 Niagara Street
Client:	1093 Group LLC
Purpose of Air Monitoring:	

WEATHER CONDITIONS:

Time of Day:	AM	PM
Ambient Air Temp.:	35	35
Wind Direction:	to N	to N
Wind Speed:	0-5 mph	0-5
Precipitation:	none	none

Time	Air Monitoring Meter Measurement (Units)			Location/Activity/Comments
	PID (ppm)	Particulates (mg/m³)	Other	
940	0.3	74.9		A
1030	0.0	83.1		A
1050	0.0	84.2		A Reinitiated * high
				*Particulate high due to Foggy conditions

Map:



NOTE: SEE EQUIPMENT CALIBRATION LOG FOR DESCRIPTION OF EQUIPMENT TYPE.

Prepared By: [signature] Date: 2-26-09

Exceedance of 5 ppm above background for 15 minute (moving average) = temporarily halt work and continue to monitor
Exceedance between 5 and 25 ppm above background for 15 minute (moving average) = temporarily halt work and abate emissions with corrective actions and continue monitoring.
Exceedance of 25 ppm above background for 15 minute (moving average) = Shut Down Work Immediately and notify Site Safety & Health Officer
Work may continue when levels fall below 5 ppm for 15 minutes

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 71
"Start Time ", 09:38:37
"Start Date ", 17-Feb-2009
"Log Period ", 00:15:00
"Number   ", 29
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 76.316520
"Max MASS @ ", 24 ,15:38:37 ,17-Feb-2009
"Avg MASS   ", 23.306900
"Max Diam   ", 0.416473
"Max Diam @ ", 17 ,13:53:37 ,17-Feb-2009
"Avg Diam   ", 0.249876
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	41.4,	2.3,	30,	0.2303	,09:53:37	,17-Feb-2009
2,	20.9,	0.8,	36,	0.1625	,10:08:37	,17-Feb-2009
3,	21.8,	0.3,	41,	0.1874	,10:23:37	,17-Feb-2009
4,	17.1,	0.6,	43,	0.1661	,10:38:37	,17-Feb-2009
5,	18.4,	0.9,	45,	0.1733	,10:53:37	,17-Feb-2009
6,	24.6,	1.2,	45,	0.2228	,11:08:37	,17-Feb-2009
7,	20.6,	1.9,	45,	0.1692	,11:23:37	,17-Feb-2009
8,	19.3,	2.5,	45,	0.1984	,11:38:37	,17-Feb-2009
9,	15.5,	2.9,	44,	0.1802	,11:53:37	,17-Feb-2009
10,	20.3,	3.2,	44,	0.1923	,12:08:37	,17-Feb-2009
11,	16.6,	3.9,	43,	0.2272	,12:23:37	,17-Feb-2009
12,	26.5,	4.6,	42,	0.3071	,12:38:37	,17-Feb-2009
13,	36.8,	4.7,	41,	0.3122	,12:53:37	,17-Feb-2009
14,	9.6,	4.3,	41,	0.2530	,13:08:37	,17-Feb-2009
15,	8.9,	4.0,	42,	0.2206	,13:23:37	,17-Feb-2009
16,	14.5,	4.7,	42,	0.2442	,13:38:37	,17-Feb-2009
17,	56.5,	5.2,	41,	0.4165	,13:53:37	,17-Feb-2009
18,	37.8,	5.6,	40,	0.3457	,14:08:37	,17-Feb-2009
19,	34.0,	6.0,	40,	0.3258	,14:23:37	,17-Feb-2009
20,	15.7,	6.6,	38,	0.2824	,14:38:37	,17-Feb-2009
21,	15.8,	6.9,	37,	0.2338	,14:53:37	,17-Feb-2009
22,	29.6,	6.8,	37,	0.3478	,15:08:37	,17-Feb-2009
23,	16.5,	7.2,	37,	0.3065	,15:23:37	,17-Feb-2009
24,	76.3,	7.2,	37,	0.3484	,15:38:37	,17-Feb-2009
25,	20.9,	6.7,	37,	0.3089	,15:53:37	,17-Feb-2009
26,	10.4,	6.1,	37,	0.2196	,16:08:37	,17-Feb-2009
27,	9.4,	6.2,	38,	0.2210	,16:23:37	,17-Feb-2009
28,	9.6,	6.0,	38,	0.2319	,16:38:37	,17-Feb-2009
29,	10.6,	5.3,	39,	0.2113	,16:53:37	,17-Feb-2009

```
"Model Number", "DataRAM 4 ", 104
"Serial no.  ", "D549      "
"Device no.  ", 4
"Tag Number  ", 72
"Start Time  ", 08:57:58
"Start Date  ", 18-Feb-2009
"Log Period  ", 00:15:00
"Number      ", 2
"CalFactor   ", 1.000000
"Unit        ", 0
"Unit Name   ", "(MASS )ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS    ", 19.260980
"Max MASS  @ ", 1  ,09:12:58  ,18-Feb-2009
"Avg MASS    ", 18.439550
"Max Diam    ", 0.290906
"Max Diam @  ", 2  ,09:27:58  ,18-Feb-2009
"Avg Diam    ", 0.287471
"ALARM       ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors      ", 0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
     1,       19.3,   1.0,   40,   0.2840  ,09:12:58  ,18-Feb-2009
     2,       17.6,   1.6,   42,   0.2909  ,09:27:58  ,18-Feb-2009
```

```
"Model Number", "DataRAM 4 ", 104
"Serial no.  ", "D549      "
"Device no.  ", 4
"Tag Number  ", 73
"Start Time  ", 13:19:07
"Start Date  ", 18-Feb-2009
"Log Period  ", 00:15:00
"Number      ", 2
"CalFactor   ", 1.000000
"Unit        ", 0
"Unit Name   ", "(MASS )ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS    ", 22.879360
"Max MASS  @ ", 1  ,13:34:07  ,18-Feb-2009
"Avg MASS    ", 21.117300
"Max Diam    ", 0.209440
"Max Diam @  ", 2  ,13:49:07  ,18-Feb-2009
"Avg Diam    ", 0.202164
"ALARM       ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors      ", 0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
     1,       22.9,   3.5,   53,   0.1949  ,13:34:07  ,18-Feb-2009
     2,       19.4,   3.5,   59,   0.2094  ,13:49:07  ,18-Feb-2009
```

```
"Model Number", "DataRAM 4 ", 104
"Serial no.  ", "D549      "
"Device no.  ", 4
"Tag Number  ", 74
"Start Time  ", 15:08:48
"Start Date  ", 19-Feb-2009
"Log Period  ", 00:15:00
"Number      ", 4
"CalFactor   ", 1.000000
"Unit        ", 0
"Unit Name   ", "(MASS )ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS    ", 32.350180
"Max MASS  @ ", 4  ,16:08:48  ,19-Feb-2009
"Avg MASS    ", 17.828450
"Max Diam    ", 0.529139
"Max Diam @  ", 1  ,15:23:48  ,19-Feb-2009
"Avg Diam    ", 0.462919
"ALARM       ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors      ", 0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
     1,       12.9,   3.4,   47,   0.5291  ,15:23:48  ,19-Feb-2009
     2,        8.5,   1.8,   43,   0.4222  ,15:38:48  ,19-Feb-2009
     3,       17.5,   0.6,   43,   0.4355  ,15:53:48  ,19-Feb-2009
     4,       32.4,  -0.5,   43,   0.4648  ,16:08:48  ,19-Feb-2009
```

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 75
"Start Time ", 09:09:40
"Start Date ", 23-Feb-2009
"Log Period ", 00:15:00
"Number   ", 29
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 14.961880
"Max MASS @ ", 1 ,09:24:40 ,23-Feb-2009
"Avg MASS   ", 8.416302
"Max Diam   ", 0.315766
"Max Diam @ ", 20 ,14:09:40 ,23-Feb-2009
"Avg Diam   ", 0.261296
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	15.0,	-4.3,	46,	0.2435	,09:24:40	,23-Feb-2009
2,	12.5,	-5.5,	48,	0.2267	,09:39:40	,23-Feb-2009
3,	9.4,	-5.8,	50,	0.2071	,09:54:40	,23-Feb-2009
4,	7.9,	-5.4,	51,	0.2055	,10:09:40	,23-Feb-2009
5,	7.3,	-4.6,	51,	0.2090	,10:24:40	,23-Feb-2009
6,	8.3,	-4.1,	51,	0.2044	,10:39:40	,23-Feb-2009
7,	11.0,	-3.4,	51,	0.2174	,10:54:40	,23-Feb-2009
8,	8.1,	-3.3,	50,	0.2328	,11:09:40	,23-Feb-2009
9,	5.4,	-3.6,	50,	0.2462	,11:24:40	,23-Feb-2009
10,	6.6,	-3.6,	50,	0.2244	,11:39:40	,23-Feb-2009
11,	6.6,	-2.8,	50,	0.2424	,11:54:40	,23-Feb-2009
12,	6.4,	-2.0,	49,	0.2775	,12:09:40	,23-Feb-2009
13,	6.7,	-1.4,	47,	0.3074	,12:24:40	,23-Feb-2009
14,	10.8,	-1.0,	46,	0.2617	,12:39:40	,23-Feb-2009
15,	10.3,	-0.4,	45,	0.2747	,12:54:40	,23-Feb-2009
16,	5.5,	0.0,	43,	0.2916	,13:09:40	,23-Feb-2009
17,	5.5,	0.4,	42,	0.2687	,13:24:40	,23-Feb-2009
18,	9.8,	0.9,	41,	0.2647	,13:39:40	,23-Feb-2009
19,	6.6,	0.8,	40,	0.2788	,13:54:40	,23-Feb-2009
20,	6.8,	0.9,	39,	0.3158	,14:09:40	,23-Feb-2009
21,	7.5,	0.3,	39,	0.2790	,14:24:40	,23-Feb-2009
22,	10.3,	0.1,	39,	0.2883	,14:39:40	,23-Feb-2009
23,	10.8,	0.1,	39,	0.2787	,14:54:40	,23-Feb-2009
24,	6.9,	0.5,	39,	0.2864	,15:09:40	,23-Feb-2009
25,	8.2,	0.6,	39,	0.3083	,15:24:40	,23-Feb-2009
26,	6.7,	0.6,	39,	0.2989	,15:39:40	,23-Feb-2009
27,	14.3,	0.5,	38,	0.2630	,15:54:40	,23-Feb-2009
28,	7.3,	0.4,	38,	0.2889	,16:09:40	,23-Feb-2009
29,	5.6,	0.4,	38,	0.2859	,16:24:40	,23-Feb-2009

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 76
"Start Time ", 08:04:57
"Start Date ", 24-Feb-2009
"Log Period ", 00:15:00
"Number   ", 30
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 19.246640
"Max MASS @ ", 21 ,13:19:57 ,24-Feb-2009
"Avg MASS   ", 12.723730
"Max Diam   ", 0.530977
"Max Diam @ ", 12 ,11:04:57 ,24-Feb-2009
"Avg Diam   ", 0.280589
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	17.2,	-3.0,	38,	0.1558	,08:19:57	,24-Feb-2009
2,	17.3,	-4.4,	41,	0.1769	,08:34:57	,24-Feb-2009
3,	16.8,	-4.2,	43,	0.2141	,08:49:57	,24-Feb-2009
4,	11.5,	-3.1,	44,	0.2073	,09:04:57	,24-Feb-2009
5,	11.1,	-2.0,	43,	0.2513	,09:19:57	,24-Feb-2009
6,	12.9,	-0.9,	42,	0.3099	,09:34:57	,24-Feb-2009
7,	11.4,	-0.1,	41,	0.3524	,09:49:57	,24-Feb-2009
8,	13.8,	0.1,	39,	0.3362	,10:04:57	,24-Feb-2009
9,	11.6,	0.1,	39,	0.3745	,10:19:57	,24-Feb-2009
10,	17.1,	0.9,	38,	0.4139	,10:34:57	,24-Feb-2009
11,	15.1,	1.7,	36,	0.4449	,10:49:57	,24-Feb-2009
12,	16.6,	2.3,	35,	0.5310	,11:04:57	,24-Feb-2009
13,	9.6,	2.9,	35,	0.3293	,11:19:57	,24-Feb-2009
14,	7.3,	3.1,	35,	0.2879	,11:34:57	,24-Feb-2009
15,	6.8,	3.0,	35,	0.2726	,11:49:57	,24-Feb-2009
16,	7.7,	3.2,	36,	0.2526	,12:04:57	,24-Feb-2009
17,	10.0,	3.5,	36,	0.2992	,12:19:57	,24-Feb-2009
18,	13.8,	3.3,	36,	0.2542	,12:34:57	,24-Feb-2009
19,	16.9,	2.7,	37,	0.2471	,12:49:57	,24-Feb-2009
20,	10.4,	2.5,	38,	0.2555	,13:04:57	,24-Feb-2009
21,	19.2,	2.7,	39,	0.2805	,13:19:57	,24-Feb-2009
22,	11.6,	2.7,	39,	0.2549	,13:34:57	,24-Feb-2009
23,	11.7,	2.8,	40,	0.2111	,13:49:57	,24-Feb-2009
24,	15.0,	2.7,	40,	0.2269	,14:04:57	,24-Feb-2009
25,	12.9,	2.6,	41,	0.2258	,14:19:57	,24-Feb-2009
26,	12.2,	2.7,	41,	0.2243	,14:34:57	,24-Feb-2009
27,	15.0,	2.5,	41,	0.2812	,14:49:57	,24-Feb-2009
28,	11.6,	2.4,	41,	0.2420	,15:04:57	,24-Feb-2009
29,	10.2,	2.4,	41,	0.2401	,15:19:57	,24-Feb-2009
30,	7.1,	2.4,	41,	0.2644	,15:34:57	,24-Feb-2009

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 77
"Start Time ", 08:00:08
"Start Date ", 25-Feb-2009
"Log Period ", 00:15:00
"Number   ", 36
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 34.982060
"Max MASS @ ", 1 ,08:15:08 ,25-Feb-2009
"Avg MASS   ", 13.541440
"Max Diam   ", 0.362716
"Max Diam @ ", 33 ,16:15:08 ,25-Feb-2009
"Avg Diam   ", 0.280632
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0100

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	35.0,	-2.9,	41,	0.2681	,08:15:08	,25-Feb-2009
2,	24.3,	-3.1,	44,	0.2474	,08:30:08	,25-Feb-2009
3,	27.4,	-3.1,	46,	0.2866	,08:45:08	,25-Feb-2009
4,	25.5,	-2.7,	46,	0.2601	,09:00:08	,25-Feb-2009
5,	26.4,	-2.2,	45,	0.2859	,09:15:08	,25-Feb-2009
6,	19.7,	-0.9,	44,	0.2772	,09:30:08	,25-Feb-2009
7,	19.2,	0.9,	42,	0.2836	,09:45:08	,25-Feb-2009
8,	17.0,	3.2,	39,	0.2750	,10:00:08	,25-Feb-2009
9,	18.4,	5.4,	35,	0.2865	,10:15:08	,25-Feb-2009
10,	17.2,	7.1,	32,	0.2916	,10:30:08	,25-Feb-2009
11,	13.6,	8.6,	30,	0.2541	,10:45:08	,25-Feb-2009
12,	14.1,	9.9,	28,	0.2483	,11:00:08	,25-Feb-2009
13,	11.9,	10.3,	26,	0.2186	,11:15:08	,25-Feb-2009
14,	11.5,	10.7,	25,	0.2122	,11:30:08	,25-Feb-2009
15,	11.2,	10.9,	25,	0.2608	,11:45:08	,25-Feb-2009
16,	11.1,	10.9,	24,	0.2246	,12:00:08	,25-Feb-2009
17,	13.0,	11.4,	24,	0.2384	,12:15:08	,25-Feb-2009
18,	10.9,	11.9,	24,	0.2541	,12:30:08	,25-Feb-2009
19,	8.5,	12.0,	24,	0.2832	,12:45:08	,25-Feb-2009
20,	8.1,	12.1,	24,	0.2899	,13:00:08	,25-Feb-2009
21,	16.7,	12.0,	23,	0.2793	,13:15:08	,25-Feb-2009
22,	10.6,	12.2,	23,	0.3315	,13:30:08	,25-Feb-2009
23,	6.7,	12.5,	23,	0.2903	,13:45:08	,25-Feb-2009
24,	6.8,	12.5,	23,	0.2904	,14:00:08	,25-Feb-2009
25,	5.8,	12.7,	23,	0.2934	,14:15:08	,25-Feb-2009
26,	10.5,	13.5,	23,	0.3094	,14:30:08	,25-Feb-2009
27,	5.9,	14.3,	22,	0.2929	,14:45:08	,25-Feb-2009
28,	5.6,	14.6,	21,	0.2799	,15:00:08	,25-Feb-2009
29,	7.0,	14.6,	20,	0.2874	,15:15:08	,25-Feb-2009
30,	7.9,	14.4,	20,	0.2920	,15:30:08	,25-Feb-2009
31,	7.4,	13.8,	21,	0.2746	,15:45:08	,25-Feb-2009
32,	12.0,	12.9,	22,	0.3277	,16:00:08	,25-Feb-2009
33,	15.4,	12.0,	22,	0.3627	,16:15:08	,25-Feb-2009
34,	9.2,	11.4,	23,	0.3060	,16:30:08	,25-Feb-2009
35,	8.2,	10.9,	23,	0.3200	,16:45:08	,25-Feb-2009
36,	7.9,	10.3,	23,	0.3191	,17:00:08	,25-Feb-2009

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 78
"Start Time ", 09:36:46
"Start Date ", 26-Feb-2009
"Log Period ", 00:15:00
"Number   ", 4
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 96.236810
"Max MASS @ ", 1 ,09:51:46 ,26-Feb-2009
"Avg MASS   ", 89.871200
"Max Diam   ", 0.236533
"Max Diam @ ", 1 ,09:51:46 ,26-Feb-2009
"Avg Diam   ", 0.225230
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000
record,"(MASS)ug/m3", Temp, RHumidity, Diameter
     1,   96.2,   8.2,   34,   0.2365 ,09:51:46 ,26-Feb-2009
     2,   83.9,   7.4,   45,   0.2123 ,10:06:46 ,26-Feb-2009
     3,   84.6,   6.5,   50,   0.2233 ,10:21:46 ,26-Feb-2009
     4,   94.7,   6.0,   54,   0.2288 ,10:36:46 ,26-Feb-2009

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D549   "
"Device no. ", 4
"Tag Number ", 79
"Start Time ", 10:50:50
"Start Date ", 26-Feb-2009
"Log Period ", 00:15:00
"Number   ", 18
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS   ", 133.452200
"Max MASS @ ", 6 ,12:20:50 ,26-Feb-2009
"Avg MASS   ", 85.801570
"Max Diam   ", 0.294946
"Max Diam @ ", 6 ,12:20:50 ,26-Feb-2009
"Avg Diam   ", 0.258628
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	84.9,	5.7,	58,	0.2313	,11:05:50	,26-Feb-2009
2,	84.9,	5.4,	60,	0.2301	,11:20:50	,26-Feb-2009
3,	102.8,	5.4,	61,	0.2569	,11:35:50	,26-Feb-2009
4,	83.7,	5.7,	62,	0.2295	,11:50:50	,26-Feb-2009
5,	126.0,	5.8,	62,	0.2653	,12:05:50	,26-Feb-2009
6,	133.5,	5.8,	62,	0.2949	,12:20:50	,26-Feb-2009
7,	101.5,	5.8,	62,	0.2668	,12:35:50	,26-Feb-2009
8,	89.5,	6.1,	63,	0.2301	,12:50:50	,26-Feb-2009
9,	105.5,	6.5,	63,	0.2809	,13:05:50	,26-Feb-2009
10,	97.3,	7.1,	62,	0.2666	,13:20:50	,26-Feb-2009
11,	80.5,	8.1,	60,	0.2536	,13:35:50	,26-Feb-2009
12,	82.6,	8.9,	58,	0.2566	,13:50:50	,26-Feb-2009
13,	69.1,	9.4,	56,	0.2332	,14:05:50	,26-Feb-2009
14,	59.4,	9.8,	54,	0.2914	,14:20:50	,26-Feb-2009
15,	59.3,	10.5,	53,	0.2723	,14:35:50	,26-Feb-2009
16,	58.7,	11.3,	51,	0.2567	,14:50:50	,26-Feb-2009
17,	61.7,	11.7,	49,	0.2576	,15:05:50	,26-Feb-2009
18,	63.6,	11.2,	49,	0.2816	,15:20:50	,26-Feb-2009

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 460
Data Points: 454 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	99.0	99.0	99.0
Low Alarm Levels:	95.0	95.0	95.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/17/2009	09:52	-----	0.0	0.0
2	02/17/2009	09:53	-----	0.0	0.0
3	02/17/2009	09:54	-----	0.0	0.0
4	02/17/2009	09:55	-----	0.0	0.0
5	02/17/2009	09:56	-----	0.0	0.0
6	02/17/2009	09:57	-----	0.0	0.0
7	02/17/2009	09:58	-----	0.0	0.0
8	02/17/2009	09:59	-----	0.0	0.0
9	02/17/2009	10:00	-----	0.0	0.0
10	02/17/2009	10:01	-----	0.0	0.0
11	02/17/2009	10:02	-----	0.0	0.0
12	02/17/2009	10:03	-----	0.0	0.0
13	02/17/2009	10:04	-----	0.0	0.0
14	02/17/2009	10:05	-----	0.0	0.0
15	02/17/2009	10:06	-----	0.0	0.0
16	02/17/2009	10:07	-----	0.0	0.0
17	02/17/2009	10:08	-----	0.0	0.0
18	02/17/2009	10:09	-----	0.0	0.0
19	02/17/2009	10:10	-----	0.0	0.0
20	02/17/2009	10:11	-----	0.0	0.0
21	02/17/2009	10:12	-----	0.0	0.0
22	02/17/2009	10:13	-----	0.0	0.0
23	02/17/2009	10:14	-----	0.0	0.0
24	02/17/2009	10:15	-----	0.0	0.2
25	02/17/2009	10:16	-----	0.1	0.2
26	02/17/2009	10:17	-----	0.2	0.3
27	02/17/2009	10:18	-----	0.3	0.5
28	02/17/2009	10:19	-----	0.3	0.4
29	02/17/2009	10:20	-----	0.3	0.4
30	02/17/2009	10:21	-----	0.3	0.4
31	02/17/2009	10:22	-----	0.3	0.4
32	02/17/2009	10:23	-----	0.4	0.6
33	02/17/2009	10:24	-----	0.5	0.6
34	02/17/2009	10:25	-----	0.6	0.7
35	02/17/2009	10:26	-----	0.5	0.6
36	02/17/2009	10:27	-----	0.5	0.6
37	02/17/2009	10:28	-----	0.5	0.7
38	02/17/2009	10:29	-----	0.5	0.7
39	02/17/2009	10:30	-----	0.6	0.7
40	02/17/2009	10:31	-----	0.6	0.8
41	02/17/2009	10:32	-----	0.5	0.7
42	02/17/2009	10:33	-----	0.5	0.7
43	02/17/2009	10:34	-----	0.5	0.6
44	02/17/2009	10:35	-----	0.5	0.6
45	02/17/2009	10:36	-----	0.4	0.6
46	02/17/2009	10:37	-----	0.5	0.6
47	02/17/2009	10:38	-----	0.4	0.5
48	02/17/2009	10:39	-----	0.4	0.6
49	02/17/2009	10:40	-----	0.4	0.6
50	02/17/2009	10:41	-----	0.4	0.5
51	02/17/2009	10:42	-----	0.4	0.4
52	02/17/2009	10:43	-----	0.3	0.4
53	02/17/2009	10:44	-----	0.4	0.6
54	02/17/2009	10:45	-----	0.4	0.5
55	02/17/2009	10:46	-----	0.4	0.5
56	02/17/2009	10:47	-----	0.3	0.4
57	02/17/2009	10:48	-----	0.3	0.4

58	02/17/2009 10:49	-----	0.3	0.4
59	02/17/2009 10:50	-----	0.3	0.4
60	02/17/2009 10:51	-----	0.3	0.4
61	02/17/2009 10:52	-----	0.3	0.4
62	02/17/2009 10:53	-----	0.3	0.4
63	02/17/2009 10:54	-----	0.3	0.4
64	02/17/2009 10:55	-----	0.3	0.5
65	02/17/2009 10:56	-----	0.3	0.4
66	02/17/2009 10:57	-----	0.3	0.4
67	02/17/2009 10:58	-----	0.3	0.5
68	02/17/2009 10:59	-----	0.3	0.4
69	02/17/2009 11:00	-----	0.3	0.4
70	02/17/2009 11:01	-----	0.3	0.4
71	02/17/2009 11:02	-----	0.3	0.4
72	02/17/2009 11:03	-----	0.4	0.4
73	02/17/2009 11:04	-----	0.3	0.4
74	02/17/2009 11:05	-----	0.3	0.4
75	02/17/2009 11:06	-----	0.3	0.4
76	02/17/2009 11:07	-----	0.3	0.4
77	02/17/2009 11:08	-----	0.3	0.4
78	02/17/2009 11:09	-----	0.3	0.4
79	02/17/2009 11:10	-----	0.3	0.4
80	02/17/2009 11:11	-----	0.3	0.4
81	02/17/2009 11:12	-----	0.3	0.4
82	02/17/2009 11:13	-----	0.3	0.4
83	02/17/2009 11:14	-----	0.3	0.4
84	02/17/2009 11:15	-----	0.3	0.4
85	02/17/2009 11:16	-----	0.3	0.5
86	02/17/2009 11:17	-----	0.3	0.3
87	02/17/2009 11:18	-----	0.3	0.4
88	02/17/2009 11:19	-----	0.3	0.4
89	02/17/2009 11:20	-----	0.3	0.4
90	02/17/2009 11:21	-----	0.3	0.4
91	02/17/2009 11:22	-----	0.2	0.3
92	02/17/2009 11:23	-----	0.3	0.4
93	02/17/2009 11:24	-----	0.3	0.3
94	02/17/2009 11:25	-----	0.2	0.3
95	02/17/2009 11:26	-----	0.3	0.4
96	02/17/2009 11:27	-----	0.2	0.3
97	02/17/2009 11:28	-----	0.2	0.3
98	02/17/2009 11:29	-----	0.2	0.3
99	02/17/2009 11:30	-----	0.1	0.2
100	02/17/2009 11:31	-----	0.1	0.2
101	02/17/2009 11:32	-----	0.1	0.2
102	02/17/2009 11:33	-----	0.0	0.1
103	02/17/2009 11:34	-----	0.0	0.2
104	02/17/2009 11:35	-----	0.0	0.1
105	02/17/2009 11:36	-----	0.1	0.4
106	02/17/2009 11:37	-----	0.1	0.6
107	02/17/2009 11:38	-----	0.0	0.2
108	02/17/2009 11:39	-----	0.1	0.5
109	02/17/2009 11:40	-----	0.1	0.5
110	02/17/2009 11:41	-----	0.7	2.2
111	02/17/2009 11:42	-----	0.4	1.3
112	02/17/2009 11:43	-----	0.4	1.6
113	02/17/2009 11:44	-----	0.4	1.6
114	02/17/2009 11:45	-----	0.6	1.7
115	02/17/2009 11:46	-----	0.3	1.1
116	02/17/2009 11:47	-----	0.2	0.4
117	02/17/2009 11:48	-----	0.2	0.2
118	02/17/2009 11:49	-----	0.1	0.2
119	02/17/2009 11:50	-----	0.1	0.2
120	02/17/2009 11:51	-----	0.1	0.2
121	02/17/2009 11:52	-----	0.1	0.2
122	02/17/2009 11:53	-----	0.1	0.1
123	02/17/2009 11:54	-----	0.0	0.1
124	02/17/2009 11:55	-----	0.0	0.1
125	02/17/2009 11:56	-----	0.0	0.1

126	02/17/2009 11:57	-----	0.0	0.1
127	02/17/2009 11:58	-----	0.0	0.1
128	02/17/2009 11:59	-----	0.0	0.1
129	02/17/2009 12:00	-----	0.0	0.0
130	02/17/2009 12:01	-----	0.0	0.0
131	02/17/2009 12:02	-----	0.0	0.1
132	02/17/2009 12:03	-----	0.0	0.0
133	02/17/2009 12:04	-----	0.0	0.0
134	02/17/2009 12:05	-----	0.0	0.0
135	02/17/2009 12:06	-----	0.0	0.1
136	02/17/2009 12:07	-----	0.0	0.1
137	02/17/2009 12:08	-----	0.0	0.1
138	02/17/2009 12:09	-----	0.0	0.0
139	02/17/2009 12:10	-----	0.0	0.0
140	02/17/2009 12:11	-----	0.0	0.1
141	02/17/2009 12:12	-----	0.0	0.1
142	02/17/2009 12:13	-----	0.0	0.0
143	02/17/2009 12:14	-----	0.0	0.1
144	02/17/2009 12:15	-----	0.0	0.1
145	02/17/2009 12:16	-----	0.0	0.1
146	02/17/2009 12:17	-----	0.0	0.0
147	02/17/2009 12:18	-----	0.0	0.0
148	02/17/2009 12:19	-----	0.0	0.0
149	02/17/2009 12:20	-----	0.0	0.1
150	02/17/2009 12:21	-----	0.0	0.0
151	02/17/2009 12:22	-----	0.0	0.0
152	02/17/2009 12:23	-----	0.0	0.0
153	02/17/2009 12:24	-----	0.0	0.0
154	02/17/2009 12:25	-----	0.0	0.0
155	02/17/2009 12:26	-----	0.0	0.0
156	02/17/2009 12:27	-----	0.0	0.0
157	02/17/2009 12:28	-----	0.0	0.1
158	02/17/2009 12:29	-----	0.0	0.0
159	02/17/2009 12:30	-----	0.0	0.0
160	02/17/2009 12:31	-----	0.0	0.0
161	02/17/2009 12:32	-----	0.0	0.3
162	02/17/2009 12:33	-----	0.0	0.1
163	02/17/2009 12:34	-----	0.0	0.2
164	02/17/2009 12:35	-----	0.0	0.0
165	02/17/2009 12:36	-----	0.0	0.0
166	02/17/2009 12:37	-----	0.0	0.0
167	02/17/2009 12:38	-----	0.0	0.0
168	02/17/2009 12:39	-----	0.0	0.0
169	02/17/2009 12:40	-----	0.0	0.0
170	02/17/2009 12:41	-----	0.0	0.0
171	02/17/2009 12:42	-----	0.0	0.0
172	02/17/2009 12:43	-----	0.0	0.0
173	02/17/2009 12:44	-----	0.0	0.0
174	02/17/2009 12:45	-----	0.0	0.0
175	02/17/2009 12:46	-----	0.0	0.0
176	02/17/2009 12:47	-----	0.0	0.0
177	02/17/2009 12:48	-----	0.0	0.0
178	02/17/2009 12:49	-----	0.0	0.0
179	02/17/2009 12:50	-----	0.0	0.0
180	02/17/2009 12:51	-----	0.0	0.1
181	02/17/2009 12:52	-----	0.0	0.1
182	02/17/2009 12:53	-----	0.0	0.1
183	02/17/2009 12:54	-----	0.0	0.1
184	02/17/2009 12:55	-----	0.0	0.0
185	02/17/2009 12:56	-----	0.0	0.1
186	02/17/2009 12:57	-----	0.0	0.0
187	02/17/2009 12:58	-----	0.0	0.1
188	02/17/2009 12:59	-----	0.0	0.0
189	02/17/2009 13:00	-----	0.0	0.2
190	02/17/2009 13:01	-----	0.0	0.1
191	02/17/2009 13:02	-----	0.0	0.0
192	02/17/2009 13:03	-----	0.0	0.2
193	02/17/2009 13:04	-----	0.1	0.3

194	02/17/2009	13:05	-----	0.2	1.0
195	02/17/2009	13:06	-----	0.1	0.4
196	02/17/2009	13:07	-----	0.1	0.6
197	02/17/2009	13:08	-----	0.2	1.0
198	02/17/2009	13:09	-----	0.1	0.6
199	02/17/2009	13:10	-----	0.2	0.6
200	02/17/2009	13:11	-----	0.1	0.3
201	02/17/2009	13:12	-----	0.1	0.4
202	02/17/2009	13:13	-----	0.0	0.3
203	02/17/2009	13:14	-----	0.0	0.1
204	02/17/2009	13:15	-----	0.0	0.2
205	02/17/2009	13:16	-----	0.0	0.2
206	02/17/2009	13:17	-----	0.0	0.2
207	02/17/2009	13:18	-----	0.1	0.2
208	02/17/2009	13:19	-----	0.0	0.2
209	02/17/2009	13:20	-----	0.0	0.1
210	02/17/2009	13:21	-----	0.0	0.1
211	02/17/2009	13:22	-----	0.0	0.1
212	02/17/2009	13:23	-----	0.1	0.1
213	02/17/2009	13:24	-----	0.1	0.3
214	02/17/2009	13:25	-----	0.0	0.1
215	02/17/2009	13:26	-----	0.0	0.1
216	02/17/2009	13:27	-----	0.0	0.2
217	02/17/2009	13:28	-----	0.0	0.1
218	02/17/2009	13:29	-----	0.0	0.1
219	02/17/2009	13:30	-----	0.0	0.1
220	02/17/2009	13:31	-----	0.0	0.1
221	02/17/2009	13:32	-----	0.0	0.1
222	02/17/2009	13:33	-----	0.0	0.2
223	02/17/2009	13:34	-----	0.0	0.2
224	02/17/2009	13:35	-----	0.0	0.1
225	02/17/2009	13:36	-----	0.0	0.2
226	02/17/2009	13:37	-----	0.0	0.2
227	02/17/2009	13:38	-----	0.0	0.1
228	02/17/2009	13:39	-----	0.0	0.1
229	02/17/2009	13:40	-----	0.0	0.1
230	02/17/2009	13:41	-----	0.0	0.0
231	02/17/2009	13:42	-----	0.0	0.1
232	02/17/2009	13:43	-----	0.0	0.2
233	02/17/2009	13:44	-----	0.0	0.1
234	02/17/2009	13:45	-----	0.0	0.1
235	02/17/2009	13:46	-----	0.0	0.0
236	02/17/2009	13:47	-----	0.0	0.1
237	02/17/2009	13:48	-----	0.0	0.1
238	02/17/2009	13:49	-----	0.0	0.0
239	02/17/2009	13:50	-----	0.0	0.1
240	02/17/2009	13:51	-----	0.0	0.0
241	02/17/2009	13:52	-----	0.0	0.0
242	02/17/2009	13:53	-----	0.0	0.1
243	02/17/2009	13:54	-----	0.0	0.2
244	02/17/2009	13:55	-----	0.0	0.1
245	02/17/2009	13:56	-----	0.0	0.1
246	02/17/2009	13:57	-----	0.0	0.2
247	02/17/2009	13:58	-----	0.0	0.2
248	02/17/2009	13:59	-----	0.0	0.1
249	02/17/2009	14:00	-----	0.0	0.1
250	02/17/2009	14:01	-----	0.0	0.2
251	02/17/2009	14:02	-----	0.0	0.1
252	02/17/2009	14:03	-----	0.0	0.2
253	02/17/2009	14:04	-----	0.0	0.1
254	02/17/2009	14:05	-----	0.0	0.1
255	02/17/2009	14:06	-----	0.0	0.2
256	02/17/2009	14:07	-----	0.0	0.1
257	02/17/2009	14:08	-----	0.0	0.1
258	02/17/2009	14:09	-----	0.0	0.1
259	02/17/2009	14:10	-----	0.0	0.1
260	02/17/2009	14:11	-----	0.0	0.2
261	02/17/2009	14:12	-----	0.0	0.1

262	02/17/2009	14:13	-----	0.0	0.1
263	02/17/2009	14:14	-----	0.0	0.0
264	02/17/2009	14:15	-----	0.0	0.2
265	02/17/2009	14:16	-----	0.0	0.1
266	02/17/2009	14:17	-----	0.0	0.0
267	02/17/2009	14:18	-----	0.0	0.4
268	02/17/2009	14:19	-----	0.0	0.2
269	02/17/2009	14:20	-----	0.0	0.2
270	02/17/2009	14:21	-----	0.0	0.0
271	02/17/2009	14:22	-----	0.0	0.2
272	02/17/2009	14:23	-----	0.0	0.1
273	02/17/2009	14:24	-----	0.0	0.1
274	02/17/2009	14:25	-----	0.0	0.1
275	02/17/2009	14:26	-----	0.0	0.1
276	02/17/2009	14:27	-----	0.0	0.1
277	02/17/2009	14:28	-----	0.0	0.1
278	02/17/2009	14:29	-----	0.0	0.2
279	02/17/2009	14:30	-----	0.0	0.0
280	02/17/2009	14:31	-----	0.0	0.0
281	02/17/2009	14:32	-----	0.0	0.1
282	02/17/2009	14:33	-----	0.0	0.1
283	02/17/2009	14:34	-----	0.0	0.1
284	02/17/2009	14:35	-----	0.0	0.1
285	02/17/2009	14:36	-----	0.0	0.1
286	02/17/2009	14:37	-----	0.0	0.1
287	02/17/2009	14:38	-----	0.0	0.1
288	02/17/2009	14:39	-----	0.0	0.1
289	02/17/2009	14:40	-----	0.0	0.1
290	02/17/2009	14:41	-----	0.1	0.4
291	02/17/2009	14:42	-----	0.0	0.2
292	02/17/2009	14:43	-----	0.0	0.1
293	02/17/2009	14:44	-----	0.0	0.1
294	02/17/2009	14:45	-----	0.0	0.0
295	02/17/2009	14:46	-----	0.0	0.1
296	02/17/2009	14:47	-----	0.0	0.1
297	02/17/2009	14:48	-----	0.0	0.0
298	02/17/2009	14:49	-----	0.0	0.0
299	02/17/2009	14:50	-----	0.0	0.2
300	02/17/2009	14:51	-----	0.0	0.2
301	02/17/2009	14:52	-----	0.0	0.5
302	02/17/2009	14:53	-----	0.1	0.4
303	02/17/2009	14:54	-----	0.1	0.4
304	02/17/2009	14:55	-----	0.0	0.3
305	02/17/2009	14:56	-----	0.1	0.4
306	02/17/2009	14:57	-----	0.0	0.2
307	02/17/2009	14:58	-----	0.0	0.2
308	02/17/2009	14:59	-----	0.1	0.3
309	02/17/2009	15:00	-----	0.0	0.2
310	02/17/2009	15:01	-----	0.0	0.2
311	02/17/2009	15:02	-----	0.1	0.2
312	02/17/2009	15:03	-----	0.0	0.2
313	02/17/2009	15:04	-----	0.0	0.2
314	02/17/2009	15:05	-----	0.0	0.1
315	02/17/2009	15:06	-----	0.0	0.2
316	02/17/2009	15:07	-----	0.0	0.3
317	02/17/2009	15:08	-----	0.0	0.2
318	02/17/2009	15:09	-----	0.0	0.2
319	02/17/2009	15:10	-----	0.0	0.2
320	02/17/2009	15:11	-----	0.0	0.2
321	02/17/2009	15:12	-----	0.0	0.1
322	02/17/2009	15:13	-----	0.0	0.2
323	02/17/2009	15:14	-----	0.0	0.3
324	02/17/2009	15:15	-----	0.0	0.1
325	02/17/2009	15:16	-----	0.0	0.2
326	02/17/2009	15:17	-----	0.0	0.2
327	02/17/2009	15:18	-----	0.0	0.1
328	02/17/2009	15:19	-----	0.0	0.1
329	02/17/2009	15:20	-----	0.0	0.4

330	02/17/2009	15:21	-----	0.0	0.1
331	02/17/2009	15:22	-----	0.0	0.2
332	02/17/2009	15:23	-----	0.0	0.1
333	02/17/2009	15:24	-----	0.0	0.1
334	02/17/2009	15:25	-----	0.0	0.2
335	02/17/2009	15:26	-----	0.1	0.2
336	02/17/2009	15:27	-----	0.1	0.2
337	02/17/2009	15:28	-----	0.0	0.2
338	02/17/2009	15:29	-----	0.0	0.1
339	02/17/2009	15:30	-----	0.0	0.2
340	02/17/2009	15:31	-----	0.0	0.2
341	02/17/2009	15:32	-----	0.0	0.1
342	02/17/2009	15:33	-----	0.0	0.1
343	02/17/2009	15:34	-----	0.0	0.0
344	02/17/2009	15:35	-----	0.0	0.1
345	02/17/2009	15:36	-----	0.0	0.1
346	02/17/2009	15:37	-----	0.0	0.1
347	02/17/2009	15:38	-----	0.0	0.1
348	02/17/2009	15:39	-----	0.0	0.1
349	02/17/2009	15:40	-----	0.0	0.2
350	02/17/2009	15:41	-----	0.0	0.1
351	02/17/2009	15:42	-----	0.0	0.2
352	02/17/2009	15:43	-----	0.0	0.1
353	02/17/2009	15:44	-----	0.0	0.1
354	02/17/2009	15:45	-----	0.0	0.1
355	02/17/2009	15:46	-----	0.0	0.2
356	02/17/2009	15:47	-----	0.0	0.0
357	02/17/2009	15:48	-----	0.0	0.1
358	02/17/2009	15:49	-----	0.0	0.0
359	02/17/2009	15:50	-----	0.0	0.1
360	02/17/2009	15:51	-----	0.0	0.1
361	02/17/2009	15:52	-----	0.0	0.1
362	02/17/2009	15:53	-----	0.0	0.2
363	02/17/2009	15:54	-----	0.0	0.2
364	02/17/2009	15:55	-----	0.0	0.2
365	02/17/2009	15:56	-----	0.0	0.2
366	02/17/2009	15:57	-----	0.0	0.3
367	02/17/2009	15:58	-----	0.0	0.2
368	02/17/2009	15:59	-----	0.0	0.2
369	02/17/2009	16:00	-----	0.0	0.2
370	02/17/2009	16:01	-----	0.0	0.2
371	02/17/2009	16:02	-----	0.0	0.1
372	02/17/2009	16:03	-----	0.0	0.0
373	02/17/2009	16:04	-----	0.0	0.1
374	02/17/2009	16:05	-----	0.0	0.1
375	02/17/2009	16:06	-----	0.0	0.1
376	02/17/2009	16:07	-----	0.0	0.1
377	02/17/2009	16:08	-----	0.0	0.2
378	02/17/2009	16:09	-----	0.0	0.1
379	02/17/2009	16:10	-----	0.0	0.1
380	02/17/2009	16:11	-----	0.0	0.1
381	02/17/2009	16:12	-----	0.0	0.0
382	02/17/2009	16:13	-----	0.0	0.1
383	02/17/2009	16:14	-----	0.0	0.1
384	02/17/2009	16:15	-----	0.0	0.1
385	02/17/2009	16:16	-----	0.0	0.1
386	02/17/2009	16:17	-----	0.0	0.1
387	02/17/2009	16:18	-----	0.0	0.0
388	02/17/2009	16:19	-----	0.0	0.1
389	02/17/2009	16:20	-----	0.0	0.1
390	02/17/2009	16:21	-----	0.0	0.2
391	02/17/2009	16:22	-----	0.0	0.2
392	02/17/2009	16:23	-----	0.0	0.1
393	02/17/2009	16:24	-----	0.0	0.2
394	02/17/2009	16:25	-----	0.0	0.0
395	02/17/2009	16:26	-----	0.0	0.1
396	02/17/2009	16:27	-----	0.0	0.1
397	02/17/2009	16:28	-----	0.0	0.1

398	02/17/2009 16:29	-----	0.0	0.1
399	02/17/2009 16:30	-----	0.0	0.0
400	02/17/2009 16:31	-----	0.0	0.0
401	02/17/2009 16:32	-----	0.0	0.1
402	02/17/2009 16:33	-----	0.0	0.1
403	02/17/2009 16:34	-----	0.0	0.1
404	02/17/2009 16:35	-----	0.0	0.1
405	02/17/2009 16:36	-----	0.0	0.1
406	02/17/2009 16:37	-----	0.0	0.2
407	02/17/2009 16:38	-----	0.0	0.1
408	02/17/2009 16:39	-----	0.0	0.0
409	02/17/2009 16:40	-----	0.0	0.2
410	02/17/2009 16:41	-----	0.0	0.0
411	02/17/2009 16:42	-----	0.0	0.0
412	02/17/2009 16:43	-----	0.0	0.0
413	02/17/2009 16:44	-----	0.0	0.1
414	02/17/2009 16:45	-----	0.0	0.2
415	02/17/2009 16:46	-----	0.0	0.1
416	02/17/2009 16:47	-----	0.0	0.0
417	02/17/2009 16:48	-----	0.0	0.1
418	02/17/2009 16:49	-----	0.0	0.1
419	02/17/2009 16:50	-----	0.0	0.0
420	02/17/2009 16:51	-----	0.0	0.1
421	02/17/2009 16:52	-----	0.0	0.0
422	02/17/2009 16:53	-----	0.0	0.1
423	02/17/2009 16:54	-----	0.0	0.1
424	02/17/2009 16:55	-----	0.0	0.1
425	02/17/2009 16:56	-----	0.0	0.1
426	02/17/2009 16:57	-----	0.0	0.1
427	02/17/2009 16:58	-----	0.0	0.1
428	02/17/2009 16:59	-----	0.0	0.0
429	02/17/2009 17:00	-----	0.0	0.1
430	02/17/2009 17:01	-----	0.0	0.2
431	02/17/2009 17:02	-----	0.0	0.1
432	02/17/2009 17:03	-----	0.0	0.1
433	02/17/2009 17:04	-----	0.0	0.1
434	02/17/2009 17:05	-----	0.1	0.2
435	02/17/2009 17:06	-----	0.1	0.3
436	02/17/2009 17:07	-----	0.2	0.6
437	02/17/2009 17:08	-----	0.1	0.2
438	02/17/2009 17:09	-----	0.1	0.3
439	02/17/2009 17:10	-----	0.1	0.2
440	02/17/2009 17:11	-----	0.1	0.3
441	02/17/2009 17:12	-----	0.1	0.3
442	02/17/2009 17:13	-----	0.0	0.1
443	02/17/2009 17:14	-----	0.1	0.2
444	02/17/2009 17:15	-----	0.1	0.2
445	02/17/2009 17:16	-----	0.1	0.2
446	02/17/2009 17:17	-----	0.2	0.5
447	02/17/2009 17:18	-----	0.1	0.4
448	02/17/2009 17:19	-----	0.1	0.2
449	02/17/2009 17:20	-----	0.1	0.4
450	02/17/2009 17:21	-----	0.1	0.3
451	02/17/2009 17:22	-----	0.1	0.3
452	02/17/2009 17:23	-----	0.1	0.2
453	02/17/2009 17:24	-----	0.1	0.3
454	02/17/2009 17:25	-----	0.1	0.2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 461
Data Points: 56 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	99.0	99.0	99.0
Low Alarm Levels:	95.0	95.0	95.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/18/2009	09:08	-----	0.7	3.9
2	02/18/2009	09:09	-----	0.0	0.0
3	02/18/2009	09:10	-----	0.0	0.0
4	02/18/2009	09:11	-----	0.0	0.0
5	02/18/2009	09:12	-----	0.1	0.8
6	02/18/2009	09:13	-----	0.0	0.1
7	02/18/2009	09:14	-----	0.0	0.0
8	02/18/2009	09:15	-----	0.0	0.0
9	02/18/2009	09:16	-----	0.0	0.0
10	02/18/2009	09:17	-----	0.0	0.0
11	02/18/2009	09:18	-----	0.0	0.0
12	02/18/2009	09:19	-----	0.0	0.0
13	02/18/2009	09:20	-----	0.0	0.0
14	02/18/2009	09:21	-----	0.0	0.0
15	02/18/2009	09:22	-----	0.0	0.0
16	02/18/2009	09:23	-----	0.0	0.0
17	02/18/2009	09:24	-----	0.0	0.0
18	02/18/2009	09:25	-----	0.0	0.0
19	02/18/2009	09:26	-----	0.0	0.0
20	02/18/2009	09:27	-----	0.0	0.0
21	02/18/2009	09:28	-----	0.0	0.0
22	02/18/2009	09:29	-----	0.0	0.1
23	02/18/2009	09:30	-----	0.0	0.0
24	02/18/2009	09:31	-----	0.0	0.0
25	02/18/2009	09:32	-----	0.0	0.0
26	02/18/2009	09:33	-----	0.0	0.1
27	02/18/2009	09:34	-----	0.0	0.0
28	02/18/2009	09:35	-----	0.0	0.0
29	02/18/2009	09:36	-----	0.0	0.0
30	02/18/2009	09:37	-----	0.0	0.0
31	02/18/2009	09:38	-----	0.0	0.0
32	02/18/2009	09:39	-----	0.0	0.0
33	02/18/2009	09:40	-----	0.0	0.0
34	02/18/2009	09:41	-----	0.0	0.0
35	02/18/2009	09:42	-----	0.0	0.0
36	02/18/2009	09:43	-----	0.0	0.0
37	02/18/2009	09:44	-----	0.0	0.0
38	02/18/2009	09:45	-----	0.0	0.1
39	02/18/2009	09:46	-----	0.0	0.5
40	02/18/2009	09:47	-----	0.0	0.1
41	02/18/2009	09:48	-----	0.0	1.4
42	02/18/2009	09:49	-----	0.1	1.8
43	02/18/2009	09:50	-----	0.0	0.0
44	02/18/2009	09:51	-----	0.0	0.1
45	02/18/2009	09:52	-----	0.0	0.0
46	02/18/2009	09:53	-----	0.0	0.1
47	02/18/2009	09:54	-----	0.0	0.0
48	02/18/2009	09:55	-----	0.0	0.0
49	02/18/2009	09:56	-----	0.0	0.0
50	02/18/2009	09:57	-----	0.0	0.0
51	02/18/2009	09:58	-----	0.0	0.0
52	02/18/2009	09:59	-----	0.0	0.0
53	02/18/2009	10:00	-----	0.1	0.2
54	02/18/2009	10:01	-----	0.2	0.3
55	02/18/2009	10:02	-----	0.3	0.4
56	02/18/2009	10:03	-----	0.4	0.6

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 463
Data Points: 39 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/18/2009	13:42	-----	13.3	22.5L
2	02/18/2009	13:43	-----	12.0	22.4L
3	02/18/2009	13:44	-----	12.7	21.7L
4	02/18/2009	13:45	-----	14.7	25.1H
5	02/18/2009	13:46	-----	17.5L	34.4H
6	02/18/2009	13:47	-----	14.7	21.1L
7	02/18/2009	13:48	-----	12.2	16.4L
8	02/18/2009	13:49	-----	10.0	13.0
9	02/18/2009	13:50	-----	11.1	15.0
10	02/18/2009	13:51	-----	10.4	12.0
11	02/18/2009	13:52	-----	9.8	11.3
12	02/18/2009	13:53	-----	10.3	12.2
13	02/18/2009	13:54	-----	10.7	11.8
14	02/18/2009	13:55	-----	11.0	12.3
15	02/18/2009	13:56	-----	11.1	12.4
16	02/18/2009	13:57	-----	12.2	15.8L
17	02/18/2009	13:58	-----	12.4	15.3L
18	02/18/2009	13:59	-----	11.8	13.7
19	02/18/2009	14:00	-----	11.6	13.1
20	02/18/2009	14:01	-----	11.5	14.3
21	02/18/2009	14:02	-----	11.9	13.5
22	02/18/2009	14:03	-----	11.1	12.5
23	02/18/2009	14:04	-----	13.6	15.2L
24	02/18/2009	14:05	-----	13.1	21.6L
25	02/18/2009	14:06	-----	22.0L	75.5H
26	02/18/2009	14:07	-----	21.6L	50.5H
27	02/18/2009	14:08	-----	18.4L	25.6H
28	02/18/2009	14:09	-----	22.6L	42.0H
29	02/18/2009	14:10	-----	20.2L	36.6H
30	02/18/2009	14:11	-----	19.8L	31.1H
31	02/18/2009	14:12	-----	21.5L	28.6H
32	02/18/2009	14:13	-----	15.7L	26.1H
33	02/18/2009	14:14	-----	14.8	20.2L
34	02/18/2009	14:15	-----	16.0L	23.6L
35	02/18/2009	14:16	-----	14.0	23.2L
36	02/18/2009	14:17	-----	12.0	16.5L
37	02/18/2009	14:18	-----	15.5L	28.7H
38	02/18/2009	14:19	-----	12.8	17.4L
39	02/18/2009	14:20	-----	12.1	16.7L

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 464
Data Points: 77 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/19/2009	15:20	-----	0.1	0.8
2	02/19/2009	15:21	-----	0.1	0.4
3	02/19/2009	15:22	-----	0.2	0.9
4	02/19/2009	15:23	-----	0.4	1.4
5	02/19/2009	15:24	-----	0.8	2.4
6	02/19/2009	15:25	-----	0.8	2.7
7	02/19/2009	15:26	-----	0.4	1.0
8	02/19/2009	15:27	-----	0.2	0.7
9	02/19/2009	15:28	-----	0.3	0.7
10	02/19/2009	15:29	-----	0.3	0.7
11	02/19/2009	15:30	-----	0.3	0.6
12	02/19/2009	15:31	-----	0.3	1.0
13	02/19/2009	15:32	-----	0.4	0.9
14	02/19/2009	15:33	-----	0.4	1.2
15	02/19/2009	15:34	-----	0.4	1.1
16	02/19/2009	15:35	-----	0.5	1.2
17	02/19/2009	15:36	-----	0.7	1.8
18	02/19/2009	15:37	-----	0.5	1.2
19	02/19/2009	15:38	-----	0.3	0.6
20	02/19/2009	15:39	-----	0.1	0.7
21	02/19/2009	15:40	-----	0.2	1.0
22	02/19/2009	15:41	-----	0.3	1.0
23	02/19/2009	15:42	-----	0.8	1.8
24	02/19/2009	15:43	-----	0.3	1.8
25	02/19/2009	15:44	-----	0.4	1.5
26	02/19/2009	15:45	-----	0.6	2.1
27	02/19/2009	15:46	-----	0.3	0.8
28	02/19/2009	15:47	-----	0.8	1.4
29	02/19/2009	15:48	-----	0.8	2.5
30	02/19/2009	15:49	-----	2.2	5.9
31	02/19/2009	15:50	-----	0.9	2.0
32	02/19/2009	15:51	-----	0.8	2.6
33	02/19/2009	15:52	-----	0.6	1.9
34	02/19/2009	15:53	-----	1.1	3.2
35	02/19/2009	15:54	-----	0.9	2.3
36	02/19/2009	15:55	-----	1.0	3.1
37	02/19/2009	15:56	-----	0.4	0.7
38	02/19/2009	15:57	-----	0.4	0.8
39	02/19/2009	15:58	-----	0.3	0.8
40	02/19/2009	15:59	-----	0.2	0.4
41	02/19/2009	16:00	-----	0.2	0.4
42	02/19/2009	16:01	-----	0.2	0.5
43	02/19/2009	16:02	-----	0.2	0.8
44	02/19/2009	16:03	-----	0.2	0.5
45	02/19/2009	16:04	-----	0.1	0.4
46	02/19/2009	16:05	-----	0.0	0.3
47	02/19/2009	16:06	-----	0.3	0.8
48	02/19/2009	16:07	-----	0.2	0.8
49	02/19/2009	16:08	-----	0.1	0.6
50	02/19/2009	16:09	-----	0.1	0.3
51	02/19/2009	16:10	-----	0.1	0.7
52	02/19/2009	16:11	-----	0.2	0.9
53	02/19/2009	16:12	-----	0.1	0.5
54	02/19/2009	16:13	-----	0.4	1.5
55	02/19/2009	16:14	-----	0.3	1.0
56	02/19/2009	16:15	-----	0.2	1.0
57	02/19/2009	16:16	-----	0.2	0.6

58	02/19/2009 16:17	-----	0.1	0.4
59	02/19/2009 16:18	-----	0.1	0.3
60	02/19/2009 16:19	-----	0.0	0.4
61	02/19/2009 16:20	-----	0.0	0.5
62	02/19/2009 16:21	-----	0.1	0.4
63	02/19/2009 16:22	-----	0.0	0.3
64	02/19/2009 16:23	-----	0.0	0.2
65	02/19/2009 16:24	-----	0.1	0.3
66	02/19/2009 16:25	-----	0.0	0.3
67	02/19/2009 16:26	-----	0.0	0.2
68	02/19/2009 16:27	-----	0.0	0.2
69	02/19/2009 16:28	-----	0.0	0.2
70	02/19/2009 16:29	-----	0.0	0.1
71	02/19/2009 16:30	-----	0.0	0.1
72	02/19/2009 16:31	-----	0.0	0.1
73	02/19/2009 16:32	-----	0.0	0.1
74	02/19/2009 16:33	-----	0.0	0.1
75	02/19/2009 16:34	-----	0.0	0.1
76	02/19/2009 16:35	-----	0.0	0.1
77	02/19/2009 16:36	-----	0.0	0.2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 465
Data Points: 458 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/23/2009	09:19	-----	0.0	0.0
2	02/23/2009	09:20	-----	0.0	0.0
3	02/23/2009	09:21	-----	0.0	0.0
4	02/23/2009	09:22	-----	0.0	0.0
5	02/23/2009	09:23	-----	0.0	0.0
6	02/23/2009	09:24	-----	0.0	0.0
7	02/23/2009	09:25	-----	0.0	0.0
8	02/23/2009	09:26	-----	0.0	0.0
9	02/23/2009	09:27	-----	0.0	0.0
10	02/23/2009	09:28	-----	0.0	0.0
11	02/23/2009	09:29	-----	0.0	0.0
12	02/23/2009	09:30	-----	0.0	0.0
13	02/23/2009	09:31	-----	0.0	0.0
14	02/23/2009	09:32	-----	0.0	0.3
15	02/23/2009	09:33	-----	0.0	0.1
16	02/23/2009	09:34	-----	0.2	0.6
17	02/23/2009	09:35	-----	0.5	2.3
18	02/23/2009	09:36	-----	0.5	2.6
19	02/23/2009	09:37	-----	0.0	0.2
20	02/23/2009	09:38	-----	0.0	0.3
21	02/23/2009	09:39	-----	0.0	0.3
22	02/23/2009	09:40	-----	0.0	0.5
23	02/23/2009	09:41	-----	0.0	0.4
24	02/23/2009	09:42	-----	0.2	1.2
25	02/23/2009	09:43	-----	0.3	0.9
26	02/23/2009	09:44	-----	0.0	0.3
27	02/23/2009	09:45	-----	0.0	0.3
28	02/23/2009	09:46	-----	0.0	0.3
29	02/23/2009	09:47	-----	0.6	5.0
30	02/23/2009	09:48	-----	1.3	9.1
31	02/23/2009	09:49	-----	2.8	6.6
32	02/23/2009	09:50	-----	1.0	5.4
33	02/23/2009	09:51	-----	0.6	2.4
34	02/23/2009	09:52	-----	0.6	3.4
35	02/23/2009	09:53	-----	1.4	8.0
36	02/23/2009	09:54	-----	1.4	3.7
37	02/23/2009	09:55	-----	1.2	4.8
38	02/23/2009	09:56	-----	1.1	6.1
39	02/23/2009	09:57	-----	0.9	3.3
40	02/23/2009	09:58	-----	0.1	0.8
41	02/23/2009	09:59	-----	2.9	6.9
42	02/23/2009	10:00	-----	0.3	1.3
43	02/23/2009	10:01	-----	0.2	0.9
44	02/23/2009	10:02	-----	1.3	3.1
45	02/23/2009	10:03	-----	1.5	5.1
46	02/23/2009	10:04	-----	0.4	3.4
47	02/23/2009	10:05	-----	0.1	1.0
48	02/23/2009	10:06	-----	0.2	1.0
49	02/23/2009	10:07	-----	0.0	0.6
50	02/23/2009	10:08	-----	0.4	1.9
51	02/23/2009	10:09	-----	1.7	6.0
52	02/23/2009	10:10	-----	0.3	1.8
53	02/23/2009	10:11	-----	0.9	4.3
54	02/23/2009	10:12	-----	0.0	0.0
55	02/23/2009	10:13	-----	0.3	1.3
56	02/23/2009	10:14	-----	0.0	0.4
57	02/23/2009	10:15	-----	0.2	0.7

58	02/23/2009 10:16	-----	0.4	1.9
59	02/23/2009 10:17	-----	2.1	9.7
60	02/23/2009 10:18	-----	0.3	1.5
61	02/23/2009 10:19	-----	0.0	0.1
62	02/23/2009 10:20	-----	0.5	1.5
63	02/23/2009 10:21	-----	0.9	2.8
64	02/23/2009 10:22	-----	0.0	0.5
65	02/23/2009 10:23	-----	0.3	1.3
66	02/23/2009 10:24	-----	0.1	1.1
67	02/23/2009 10:25	-----	0.0	0.4
68	02/23/2009 10:26	-----	0.0	0.1
69	02/23/2009 10:27	-----	0.0	0.1
70	02/23/2009 10:28	-----	0.0	0.2
71	02/23/2009 10:29	-----	0.0	0.4
72	02/23/2009 10:30	-----	0.0	0.4
73	02/23/2009 10:31	-----	0.0	0.4
74	02/23/2009 10:32	-----	0.3	1.3
75	02/23/2009 10:33	-----	0.3	0.8
76	02/23/2009 10:34	-----	0.3	1.6
77	02/23/2009 10:35	-----	0.1	0.8
78	02/23/2009 10:36	-----	0.1	0.6
79	02/23/2009 10:37	-----	0.0	0.4
80	02/23/2009 10:38	-----	1.4	5.6
81	02/23/2009 10:39	-----	0.3	2.9
82	02/23/2009 10:40	-----	0.9	2.1
83	02/23/2009 10:41	-----	0.0	0.6
84	02/23/2009 10:42	-----	0.8	3.1
85	02/23/2009 10:43	-----	0.0	0.0
86	02/23/2009 10:44	-----	0.2	1.1
87	02/23/2009 10:45	-----	0.6	3.6
88	02/23/2009 10:46	-----	0.3	1.7
89	02/23/2009 10:47	-----	0.5	2.1
90	02/23/2009 10:48	-----	0.9	5.3
91	02/23/2009 10:49	-----	4.7	15.1L
92	02/23/2009 10:50	-----	0.5	1.8
93	02/23/2009 10:51	-----	0.7	2.2
94	02/23/2009 10:52	-----	1.6	11.5
95	02/23/2009 10:53	-----	0.0	0.6
96	02/23/2009 10:54	-----	0.2	1.5
97	02/23/2009 10:55	-----	0.1	1.0
98	02/23/2009 10:56	-----	0.7	2.3
99	02/23/2009 10:57	-----	0.7	2.2
100	02/23/2009 10:58	-----	0.7	1.8
101	02/23/2009 10:59	-----	0.6	2.1
102	02/23/2009 11:00	-----	1.8	5.7
103	02/23/2009 11:01	-----	1.4	3.5
104	02/23/2009 11:02	-----	0.8	2.1
105	02/23/2009 11:03	-----	0.4	1.9
106	02/23/2009 11:04	-----	0.9	2.3
107	02/23/2009 11:05	-----	0.0	0.2
108	02/23/2009 11:06	-----	0.4	1.4
109	02/23/2009 11:07	-----	0.6	1.8
110	02/23/2009 11:08	-----	0.9	2.3
111	02/23/2009 11:09	-----	1.0	4.6
112	02/23/2009 11:10	-----	1.0	3.5
113	02/23/2009 11:11	-----	0.4	1.2
114	02/23/2009 11:12	-----	0.3	0.7
115	02/23/2009 11:13	-----	0.2	1.2
116	02/23/2009 11:14	-----	0.3	1.3
117	02/23/2009 11:15	-----	0.8	4.7
118	02/23/2009 11:16	-----	0.4	1.4
119	02/23/2009 11:17	-----	0.0	0.1
120	02/23/2009 11:18	-----	0.2	1.7
121	02/23/2009 11:19	-----	0.1	0.6
122	02/23/2009 11:20	-----	0.0	0.3
123	02/23/2009 11:21	-----	0.4	3.4
124	02/23/2009 11:22	-----	0.4	1.3
125	02/23/2009 11:23	-----	0.0	0.2

126	02/23/2009 11:24	-----	0.0	0.1
127	02/23/2009 11:25	-----	0.0	0.1
128	02/23/2009 11:26	-----	0.0	0.7
129	02/23/2009 11:27	-----	0.2	1.8
130	02/23/2009 11:28	-----	0.0	0.0
131	02/23/2009 11:29	-----	0.1	1.0
132	02/23/2009 11:30	-----	0.0	0.7
133	02/23/2009 11:31	-----	0.0	0.5
134	02/23/2009 11:32	-----	0.0	0.2
135	02/23/2009 11:33	-----	0.0	0.3
136	02/23/2009 11:34	-----	0.0	0.0
137	02/23/2009 11:35	-----	0.0	0.2
138	02/23/2009 11:36	-----	0.0	0.2
139	02/23/2009 11:37	-----	0.0	0.2
140	02/23/2009 11:38	-----	0.0	0.2
141	02/23/2009 11:39	-----	0.0	0.1
142	02/23/2009 11:40	-----	0.0	0.0
143	02/23/2009 11:41	-----	0.0	0.0
144	02/23/2009 11:42	-----	0.0	0.0
145	02/23/2009 11:43	-----	0.0	0.0
146	02/23/2009 11:44	-----	0.0	0.2
147	02/23/2009 11:45	-----	0.0	0.0
148	02/23/2009 11:46	-----	0.0	0.1
149	02/23/2009 11:47	-----	0.0	0.2
150	02/23/2009 11:48	-----	0.2	1.8
151	02/23/2009 11:49	-----	0.0	0.2
152	02/23/2009 11:50	-----	0.0	0.0
153	02/23/2009 11:51	-----	0.0	0.0
154	02/23/2009 11:52	-----	0.0	0.5
155	02/23/2009 11:53	-----	0.0	0.4
156	02/23/2009 11:54	-----	0.2	3.2
157	02/23/2009 11:55	-----	1.2	5.4
158	02/23/2009 11:56	-----	0.2	0.9
159	02/23/2009 11:57	-----	0.1	0.6
160	02/23/2009 11:58	-----	0.6	2.9
161	02/23/2009 11:59	-----	0.2	0.9
162	02/23/2009 12:00	-----	0.0	0.8
163	02/23/2009 12:01	-----	0.0	0.0
164	02/23/2009 12:02	-----	0.0	0.1
165	02/23/2009 12:03	-----	0.0	0.1
166	02/23/2009 12:04	-----	0.0	0.0
167	02/23/2009 12:05	-----	0.0	0.0
168	02/23/2009 12:06	-----	0.0	0.0
169	02/23/2009 12:07	-----	0.0	0.0
170	02/23/2009 12:08	-----	0.0	0.1
171	02/23/2009 12:09	-----	0.0	0.2
172	02/23/2009 12:10	-----	0.0	0.4
173	02/23/2009 12:11	-----	0.0	0.0
174	02/23/2009 12:12	-----	0.0	0.1
175	02/23/2009 12:13	-----	0.0	0.2
176	02/23/2009 12:14	-----	0.0	0.1
177	02/23/2009 12:15	-----	0.0	0.0
178	02/23/2009 12:16	-----	0.0	0.0
179	02/23/2009 12:17	-----	0.0	0.0
180	02/23/2009 12:18	-----	0.0	0.1
181	02/23/2009 12:19	-----	0.0	0.0
182	02/23/2009 12:20	-----	0.0	0.0
183	02/23/2009 12:21	-----	0.0	0.0
184	02/23/2009 12:22	-----	0.0	0.0
185	02/23/2009 12:23	-----	0.0	0.1
186	02/23/2009 12:24	-----	0.0	0.1
187	02/23/2009 12:25	-----	0.0	0.0
188	02/23/2009 12:26	-----	0.0	0.0
189	02/23/2009 12:27	-----	0.0	0.0
190	02/23/2009 12:28	-----	0.0	0.2
191	02/23/2009 12:29	-----	0.0	0.0
192	02/23/2009 12:30	-----	0.0	0.1
193	02/23/2009 12:31	-----	0.0	0.1

194	02/23/2009 12:32	-----	0.0	0.2
195	02/23/2009 12:33	-----	0.0	0.1
196	02/23/2009 12:34	-----	0.0	0.0
197	02/23/2009 12:35	-----	0.0	0.1
198	02/23/2009 12:36	-----	0.0	0.0
199	02/23/2009 12:37	-----	0.0	0.1
200	02/23/2009 12:38	-----	0.0	0.0
201	02/23/2009 12:39	-----	0.0	0.0
202	02/23/2009 12:40	-----	0.0	0.0
203	02/23/2009 12:41	-----	0.0	0.3
204	02/23/2009 12:42	-----	0.2	1.7
205	02/23/2009 12:43	-----	0.1	0.9
206	02/23/2009 12:44	-----	0.1	0.7
207	02/23/2009 12:45	-----	0.7	8.8
208	02/23/2009 12:46	-----	0.0	0.0
209	02/23/2009 12:47	-----	0.0	0.8
210	02/23/2009 12:48	-----	0.1	0.9
211	02/23/2009 12:49	-----	0.0	0.3
212	02/23/2009 12:50	-----	0.0	0.7
213	02/23/2009 12:51	-----	0.7	3.3
214	02/23/2009 12:52	-----	0.9	2.6
215	02/23/2009 12:53	-----	0.5	1.9
216	02/23/2009 12:54	-----	0.5	1.9
217	02/23/2009 12:55	-----	0.9	4.2
218	02/23/2009 12:56	-----	0.3	1.0
219	02/23/2009 12:57	-----	0.0	0.0
220	02/23/2009 12:58	-----	0.4	1.9
221	02/23/2009 12:59	-----	0.2	2.9
222	02/23/2009 13:00	-----	0.1	0.9
223	02/23/2009 13:01	-----	0.7	2.9
224	02/23/2009 13:02	-----	0.4	1.3
225	02/23/2009 13:03	-----	0.3	0.8
226	02/23/2009 13:04	-----	0.3	1.0
227	02/23/2009 13:05	-----	0.1	0.7
228	02/23/2009 13:06	-----	0.0	0.0
229	02/23/2009 13:07	-----	0.0	0.0
230	02/23/2009 13:08	-----	0.0	0.0
231	02/23/2009 13:09	-----	0.0	0.0
232	02/23/2009 13:10	-----	0.2	3.0
233	02/23/2009 13:11	-----	0.8	2.8
234	02/23/2009 13:12	-----	0.3	0.8
235	02/23/2009 13:13	-----	0.0	0.2
236	02/23/2009 13:14	-----	0.4	3.6
237	02/23/2009 13:15	-----	0.4	1.4
238	02/23/2009 13:16	-----	0.1	1.1
239	02/23/2009 13:17	-----	0.3	0.9
240	02/23/2009 13:18	-----	0.0	0.5
241	02/23/2009 13:19	-----	0.2	0.8
242	02/23/2009 13:20	-----	0.0	0.1
243	02/23/2009 13:21	-----	0.0	0.4
244	02/23/2009 13:22	-----	0.1	0.5
245	02/23/2009 13:23	-----	0.0	0.2
246	02/23/2009 13:24	-----	0.0	0.1
247	02/23/2009 13:25	-----	0.0	0.0
248	02/23/2009 13:26	-----	0.0	0.1
249	02/23/2009 13:27	-----	0.1	0.5
250	02/23/2009 13:28	-----	0.0	0.0
251	02/23/2009 13:29	-----	0.0	0.0
252	02/23/2009 13:30	-----	0.0	0.2
253	02/23/2009 13:31	-----	0.0	0.0
254	02/23/2009 13:32	-----	0.0	0.0
255	02/23/2009 13:33	-----	0.0	0.4
256	02/23/2009 13:34	-----	0.0	0.0
257	02/23/2009 13:35	-----	0.0	0.0
258	02/23/2009 13:36	-----	0.0	0.1
259	02/23/2009 13:37	-----	0.0	0.3
260	02/23/2009 13:38	-----	0.0	0.1
261	02/23/2009 13:39	-----	0.0	0.1

262	02/23/2009	13:40	-----	0.0	0.0
263	02/23/2009	13:41	-----	0.0	0.0
264	02/23/2009	13:42	-----	0.0	0.0
265	02/23/2009	13:43	-----	0.0	0.0
266	02/23/2009	13:44	-----	0.1	1.9
267	02/23/2009	13:45	-----	0.0	0.5
268	02/23/2009	13:46	-----	0.0	0.1
269	02/23/2009	13:47	-----	0.0	0.4
270	02/23/2009	13:48	-----	0.0	0.4
271	02/23/2009	13:49	-----	0.4	2.4
272	02/23/2009	13:50	-----	0.1	1.2
273	02/23/2009	13:51	-----	0.6	2.4
274	02/23/2009	13:52	-----	0.6	1.4
275	02/23/2009	13:53	-----	0.0	0.1
276	02/23/2009	13:54	-----	0.0	0.3
277	02/23/2009	13:55	-----	0.0	0.4
278	02/23/2009	13:56	-----	0.0	0.4
279	02/23/2009	13:57	-----	0.2	2.0
280	02/23/2009	13:58	-----	1.9	5.0
281	02/23/2009	13:59	-----	0.0	0.4
282	02/23/2009	14:00	-----	0.0	0.0
283	02/23/2009	14:01	-----	1.3	5.9
284	02/23/2009	14:02	-----	0.1	0.9
285	02/23/2009	14:03	-----	0.1	0.9
286	02/23/2009	14:04	-----	0.0	0.6
287	02/23/2009	14:05	-----	0.6	4.2
288	02/23/2009	14:06	-----	0.2	0.9
289	02/23/2009	14:07	-----	0.5	2.0
290	02/23/2009	14:08	-----	0.1	0.5
291	02/23/2009	14:09	-----	0.5	1.3
292	02/23/2009	14:10	-----	0.7	1.8
293	02/23/2009	14:11	-----	0.1	0.7
294	02/23/2009	14:12	-----	0.1	0.6
295	02/23/2009	14:13	-----	1.4	3.9
296	02/23/2009	14:14	-----	0.0	0.5
297	02/23/2009	14:15	-----	0.0	0.0
298	02/23/2009	14:16	-----	0.0	0.0
299	02/23/2009	14:17	-----	0.0	0.2
300	02/23/2009	14:18	-----	0.8	7.2
301	02/23/2009	14:19	-----	0.2	1.4
302	02/23/2009	14:20	-----	0.2	1.4
303	02/23/2009	14:21	-----	0.0	0.4
304	02/23/2009	14:22	-----	0.0	0.0
305	02/23/2009	14:23	-----	0.0	0.0
306	02/23/2009	14:24	-----	0.0	0.0
307	02/23/2009	14:25	-----	0.0	0.3
308	02/23/2009	14:26	-----	0.0	0.0
309	02/23/2009	14:27	-----	0.0	0.1
310	02/23/2009	14:28	-----	0.0	0.2
311	02/23/2009	14:29	-----	0.0	0.3
312	02/23/2009	14:30	-----	0.0	0.1
313	02/23/2009	14:31	-----	0.0	0.1
314	02/23/2009	14:32	-----	0.0	0.3
315	02/23/2009	14:33	-----	0.0	0.2
316	02/23/2009	14:34	-----	0.0	0.0
317	02/23/2009	14:35	-----	0.0	0.2
318	02/23/2009	14:36	-----	0.0	0.0
319	02/23/2009	14:37	-----	0.0	0.0
320	02/23/2009	14:38	-----	0.2	2.7
321	02/23/2009	14:39	-----	0.1	1.8
322	02/23/2009	14:40	-----	0.1	1.0
323	02/23/2009	14:41	-----	0.0	0.4
324	02/23/2009	14:42	-----	0.0	0.2
325	02/23/2009	14:43	-----	0.0	0.7
326	02/23/2009	14:44	-----	0.0	0.0
327	02/23/2009	14:45	-----	0.0	0.0
328	02/23/2009	14:46	-----	0.0	0.0
329	02/23/2009	14:47	-----	0.2	1.1

330	02/23/2009	14:48	-----	0.1	0.8
331	02/23/2009	14:49	-----	0.1	0.9
332	02/23/2009	14:50	-----	0.0	0.0
333	02/23/2009	14:51	-----	0.0	0.0
334	02/23/2009	14:52	-----	0.0	0.4
335	02/23/2009	14:53	-----	0.0	0.3
336	02/23/2009	14:54	-----	0.0	0.4
337	02/23/2009	14:55	-----	0.3	0.9
338	02/23/2009	14:56	-----	0.1	0.9
339	02/23/2009	14:57	-----	0.0	0.0
340	02/23/2009	14:58	-----	0.3	1.6
341	02/23/2009	14:59	-----	0.1	0.8
342	02/23/2009	15:00	-----	0.6	1.5
343	02/23/2009	15:01	-----	0.5	1.7
344	02/23/2009	15:02	-----	0.1	0.6
345	02/23/2009	15:03	-----	0.0	0.0
346	02/23/2009	15:04	-----	0.0	0.2
347	02/23/2009	15:05	-----	0.4	1.4
348	02/23/2009	15:06	-----	0.3	0.9
349	02/23/2009	15:07	-----	0.2	0.9
350	02/23/2009	15:08	-----	0.0	0.2
351	02/23/2009	15:09	-----	0.0	0.1
352	02/23/2009	15:10	-----	0.0	0.3
353	02/23/2009	15:11	-----	0.0	0.1
354	02/23/2009	15:12	-----	0.0	0.5
355	02/23/2009	15:13	-----	0.0	0.1
356	02/23/2009	15:14	-----	0.3	2.9
357	02/23/2009	15:15	-----	1.2	10.7
358	02/23/2009	15:16	-----	0.0	1.5
359	02/23/2009	15:17	-----	0.0	0.0
360	02/23/2009	15:18	-----	1.4	7.4
361	02/23/2009	15:19	-----	0.0	0.2
362	02/23/2009	15:20	-----	2.6	33.3H
363	02/23/2009	15:21	-----	2.1	19.7L
364	02/23/2009	15:22	-----	0.6	4.0
365	02/23/2009	15:23	-----	0.2	1.4
366	02/23/2009	15:24	-----	4.0	10.6
367	02/23/2009	15:25	-----	2.6	6.5
368	02/23/2009	15:26	-----	2.0	7.0
369	02/23/2009	15:27	-----	1.0	5.2
370	02/23/2009	15:28	-----	0.6	1.1
371	02/23/2009	15:29	-----	1.2	4.7
372	02/23/2009	15:30	-----	0.7	4.6
373	02/23/2009	15:31	-----	0.4	2.3
374	02/23/2009	15:32	-----	0.0	0.1
375	02/23/2009	15:33	-----	0.0	0.6
376	02/23/2009	15:34	-----	0.1	0.8
377	02/23/2009	15:35	-----	0.0	0.5
378	02/23/2009	15:36	-----	0.0	0.0
379	02/23/2009	15:37	-----	0.2	1.1
380	02/23/2009	15:38	-----	0.0	0.4
381	02/23/2009	15:39	-----	0.0	0.3
382	02/23/2009	15:40	-----	0.3	1.9
383	02/23/2009	15:41	-----	0.2	2.4
384	02/23/2009	15:42	-----	0.0	0.0
385	02/23/2009	15:43	-----	0.0	0.2
386	02/23/2009	15:44	-----	0.0	0.3
387	02/23/2009	15:45	-----	0.0	0.8
388	02/23/2009	15:46	-----	0.0	0.0
389	02/23/2009	15:47	-----	0.0	0.1
390	02/23/2009	15:48	-----	0.0	0.2
391	02/23/2009	15:49	-----	0.0	0.0
392	02/23/2009	15:50	-----	0.0	0.1
393	02/23/2009	15:51	-----	0.0	0.0
394	02/23/2009	15:52	-----	0.0	0.0
395	02/23/2009	15:53	-----	0.0	0.0
396	02/23/2009	15:54	-----	0.0	0.3
397	02/23/2009	15:55	-----	0.0	0.2

398	02/23/2009	15:56	-----	0.0	0.3
399	02/23/2009	15:57	-----	0.0	0.0
400	02/23/2009	15:58	-----	0.0	0.0
401	02/23/2009	15:59	-----	0.0	0.2
402	02/23/2009	16:00	-----	0.0	0.0
403	02/23/2009	16:01	-----	0.0	0.0
404	02/23/2009	16:02	-----	0.0	0.0
405	02/23/2009	16:03	-----	0.0	0.3
406	02/23/2009	16:04	-----	0.0	0.0
407	02/23/2009	16:05	-----	0.0	0.1
408	02/23/2009	16:06	-----	7.2	125.4H
409	02/23/2009	16:07	-----	2.0	18.2L
410	02/23/2009	16:08	-----	1.1	1.4
411	02/23/2009	16:09	-----	0.8	0.9
412	02/23/2009	16:10	-----	0.7	0.8
413	02/23/2009	16:11	-----	0.6	0.8
414	02/23/2009	16:12	-----	0.5	0.7
415	02/23/2009	16:13	-----	0.5	0.9
416	02/23/2009	16:14	-----	0.7	1.4
417	02/23/2009	16:15	-----	0.5	0.7
418	02/23/2009	16:16	-----	0.4	0.5
419	02/23/2009	16:17	-----	0.3	0.4
420	02/23/2009	16:18	-----	0.3	0.4
421	02/23/2009	16:19	-----	0.2	0.3
422	02/23/2009	16:20	-----	0.2	0.2
423	02/23/2009	16:21	-----	0.2	0.2
424	02/23/2009	16:22	-----	0.2	0.5
425	02/23/2009	16:23	-----	0.1	0.2
426	02/23/2009	16:24	-----	0.2	0.3
427	02/23/2009	16:25	-----	0.2	0.4
428	02/23/2009	16:26	-----	0.1	0.3
429	02/23/2009	16:27	-----	0.1	0.2
430	02/23/2009	16:28	-----	0.1	0.3
431	02/23/2009	16:29	-----	0.2	0.5
432	02/23/2009	16:30	-----	0.1	0.3
433	02/23/2009	16:31	-----	0.1	0.3
434	02/23/2009	16:32	-----	0.1	0.2
435	02/23/2009	16:33	-----	0.0	0.1
436	02/23/2009	16:34	-----	0.0	0.3
437	02/23/2009	16:35	-----	0.0	0.4
438	02/23/2009	16:36	-----	0.0	0.3
439	02/23/2009	16:37	-----	0.0	0.0
440	02/23/2009	16:38	-----	0.0	0.3
441	02/23/2009	16:39	-----	0.0	0.3
442	02/23/2009	16:40	-----	0.0	0.1
443	02/23/2009	16:41	-----	0.0	0.0
444	02/23/2009	16:42	-----	0.0	0.1
445	02/23/2009	16:43	-----	0.0	0.1
446	02/23/2009	16:44	-----	0.0	0.0
447	02/23/2009	16:45	-----	0.0	0.1
448	02/23/2009	16:46	-----	0.1	0.5
449	02/23/2009	16:47	-----	0.0	0.2
450	02/23/2009	16:48	-----	0.0	0.2
451	02/23/2009	16:49	-----	0.0	0.2
452	02/23/2009	16:50	-----	0.0	0.1
453	02/23/2009	16:51	-----	0.0	0.1
454	02/23/2009	16:52	-----	0.0	0.0
455	02/23/2009	16:53	-----	0.0	0.2
456	02/23/2009	16:54	-----	0.0	0.1
457	02/23/2009	16:55	-----	0.0	0.2
458	02/23/2009	16:56	-----	0.0	0.1

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 466
Data Points: 453 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/24/2009	08:09	-----	0.0	0.0
2	02/24/2009	08:10	-----	0.0	0.0
3	02/24/2009	08:11	-----	0.0	0.0
4	02/24/2009	08:12	-----	0.0	0.0
5	02/24/2009	08:13	-----	0.1	2.3
6	02/24/2009	08:14	-----	0.0	1.8
7	02/24/2009	08:15	-----	0.0	0.0
8	02/24/2009	08:16	-----	0.0	0.3
9	02/24/2009	08:17	-----	0.0	0.0
10	02/24/2009	08:18	-----	0.0	0.0
11	02/24/2009	08:19	-----	0.0	0.0
12	02/24/2009	08:20	-----	0.1	0.8
13	02/24/2009	08:21	-----	0.0	0.0
14	02/24/2009	08:22	-----	0.0	0.0
15	02/24/2009	08:23	-----	0.0	0.0
16	02/24/2009	08:24	-----	0.0	0.0
17	02/24/2009	08:25	-----	0.0	0.0
18	02/24/2009	08:26	-----	0.0	0.0
19	02/24/2009	08:27	-----	0.0	0.0
20	02/24/2009	08:28	-----	0.0	0.3
21	02/24/2009	08:29	-----	0.0	0.2
22	02/24/2009	08:30	-----	0.0	0.0
23	02/24/2009	08:31	-----	0.0	0.0
24	02/24/2009	08:32	-----	0.0	0.0
25	02/24/2009	08:33	-----	0.0	0.0
26	02/24/2009	08:34	-----	0.0	0.0
27	02/24/2009	08:35	-----	0.0	0.1
28	02/24/2009	08:36	-----	0.4	1.5
29	02/24/2009	08:37	-----	0.0	0.0
30	02/24/2009	08:38	-----	0.0	0.0
31	02/24/2009	08:39	-----	0.0	0.5
32	02/24/2009	08:40	-----	0.0	0.4
33	02/24/2009	08:41	-----	0.1	0.4
34	02/24/2009	08:42	-----	0.1	0.7
35	02/24/2009	08:43	-----	0.0	0.5
36	02/24/2009	08:44	-----	0.0	0.0
37	02/24/2009	08:45	-----	0.0	0.1
38	02/24/2009	08:46	-----	0.0	0.1
39	02/24/2009	08:47	-----	0.0	0.0
40	02/24/2009	08:48	-----	0.0	0.2
41	02/24/2009	08:49	-----	0.0	0.2
42	02/24/2009	08:50	-----	0.0	0.3
43	02/24/2009	08:51	-----	0.1	0.8
44	02/24/2009	08:52	-----	0.0	0.1
45	02/24/2009	08:53	-----	0.1	0.9
46	02/24/2009	08:54	-----	0.2	1.1
47	02/24/2009	08:55	-----	0.0	0.0
48	02/24/2009	08:56	-----	0.1	0.9
49	02/24/2009	08:57	-----	0.0	0.5
50	02/24/2009	08:58	-----	0.0	0.0
51	02/24/2009	08:59	-----	0.0	0.0
52	02/24/2009	09:00	-----	0.0	0.0
53	02/24/2009	09:01	-----	0.0	0.0
54	02/24/2009	09:02	-----	0.0	0.7
55	02/24/2009	09:03	-----	3.7	7.7
56	02/24/2009	09:04	-----	0.5	3.3
57	02/24/2009	09:05	-----	0.0	0.0

58	02/24/2009 09:06	-----	0.0	0.1
59	02/24/2009 09:07	-----	0.2	1.6
60	02/24/2009 09:08	-----	0.0	0.0
61	02/24/2009 09:09	-----	0.1	0.9
62	02/24/2009 09:10	-----	0.0	0.0
63	02/24/2009 09:11	-----	0.0	0.0
64	02/24/2009 09:12	-----	0.0	0.6
65	02/24/2009 09:13	-----	0.0	0.0
66	02/24/2009 09:14	-----	0.0	0.5
67	02/24/2009 09:15	-----	0.0	0.0
68	02/24/2009 09:16	-----	0.8	4.8
69	02/24/2009 09:17	-----	0.6	2.0
70	02/24/2009 09:18	-----	0.5	1.7
71	02/24/2009 09:19	-----	0.0	0.0
72	02/24/2009 09:20	-----	0.0	0.0
73	02/24/2009 09:21	-----	0.0	0.0
74	02/24/2009 09:22	-----	0.0	0.5
75	02/24/2009 09:23	-----	0.0	0.7
76	02/24/2009 09:24	-----	0.3	1.6
77	02/24/2009 09:25	-----	0.0	0.0
78	02/24/2009 09:26	-----	0.1	0.7
79	02/24/2009 09:27	-----	0.0	0.0
80	02/24/2009 09:28	-----	0.0	0.0
81	02/24/2009 09:29	-----	1.1	2.6
82	02/24/2009 09:30	-----	0.3	1.2
83	02/24/2009 09:31	-----	0.0	0.3
84	02/24/2009 09:32	-----	0.0	0.3
85	02/24/2009 09:33	-----	0.0	0.0
86	02/24/2009 09:34	-----	0.0	0.0
87	02/24/2009 09:35	-----	0.0	0.0
88	02/24/2009 09:36	-----	0.0	0.2
89	02/24/2009 09:37	-----	0.5	2.3
90	02/24/2009 09:38	-----	0.1	1.1
91	02/24/2009 09:39	-----	0.0	0.2
92	02/24/2009 09:40	-----	0.1	1.3
93	02/24/2009 09:41	-----	0.0	0.0
94	02/24/2009 09:42	-----	0.0	0.0
95	02/24/2009 09:43	-----	0.0	0.0
96	02/24/2009 09:44	-----	0.0	0.6
97	02/24/2009 09:45	-----	0.0	0.2
98	02/24/2009 09:46	-----	0.0	0.4
99	02/24/2009 09:47	-----	0.0	0.0
100	02/24/2009 09:48	-----	0.0	0.0
101	02/24/2009 09:49	-----	0.0	0.0
102	02/24/2009 09:50	-----	0.0	0.0
103	02/24/2009 09:51	-----	0.0	0.0
104	02/24/2009 09:52	-----	0.0	0.1
105	02/24/2009 09:53	-----	0.0	0.0
106	02/24/2009 09:54	-----	0.0	0.4
107	02/24/2009 09:55	-----	0.0	0.1
108	02/24/2009 09:56	-----	0.0	0.0
109	02/24/2009 09:57	-----	0.0	0.0
110	02/24/2009 09:58	-----	0.0	0.1
111	02/24/2009 09:59	-----	0.0	0.0
112	02/24/2009 10:00	-----	0.0	0.0
113	02/24/2009 10:01	-----	0.0	0.0
114	02/24/2009 10:02	-----	0.0	0.2
115	02/24/2009 10:03	-----	0.0	0.8
116	02/24/2009 10:04	-----	0.1	1.2
117	02/24/2009 10:05	-----	0.6	4.7
118	02/24/2009 10:06	-----	0.0	0.5
119	02/24/2009 10:07	-----	0.0	0.0
120	02/24/2009 10:08	-----	0.1	0.7
121	02/24/2009 10:09	-----	0.0	0.0
122	02/24/2009 10:10	-----	0.0	0.0
123	02/24/2009 10:11	-----	0.0	0.0
124	02/24/2009 10:12	-----	0.0	0.0
125	02/24/2009 10:13	-----	0.1	1.1

126	02/24/2009	10:14	-----	0.1	0.3
127	02/24/2009	10:15	-----	0.1	0.9
128	02/24/2009	10:16	-----	0.1	0.9
129	02/24/2009	10:17	-----	0.2	0.9
130	02/24/2009	10:18	-----	0.0	0.3
131	02/24/2009	10:19	-----	0.0	0.0
132	02/24/2009	10:20	-----	0.0	0.0
133	02/24/2009	10:21	-----	0.0	0.1
134	02/24/2009	10:22	-----	0.0	0.1
135	02/24/2009	10:23	-----	0.2	0.6
136	02/24/2009	10:24	-----	0.0	0.0
137	02/24/2009	10:25	-----	0.0	0.3
138	02/24/2009	10:26	-----	0.6	2.2
139	02/24/2009	10:27	-----	0.4	1.4
140	02/24/2009	10:28	-----	0.6	1.7
141	02/24/2009	10:29	-----	0.1	0.8
142	02/24/2009	10:30	-----	0.3	2.0
143	02/24/2009	10:31	-----	0.3	2.4
144	02/24/2009	10:32	-----	0.0	0.3
145	02/24/2009	10:33	-----	0.4	1.7
146	02/24/2009	10:34	-----	0.0	0.0
147	02/24/2009	10:35	-----	0.0	0.0
148	02/24/2009	10:36	-----	0.0	0.0
149	02/24/2009	10:37	-----	0.0	0.0
150	02/24/2009	10:38	-----	0.8	2.4
151	02/24/2009	10:39	-----	0.8	1.7
152	02/24/2009	10:40	-----	0.5	1.9
153	02/24/2009	10:41	-----	0.3	1.7
154	02/24/2009	10:42	-----	0.2	1.7
155	02/24/2009	10:43	-----	0.2	2.1
156	02/24/2009	10:44	-----	0.0	0.0
157	02/24/2009	10:45	-----	0.6	1.3
158	02/24/2009	10:46	-----	0.2	0.9
159	02/24/2009	10:47	-----	0.1	0.5
160	02/24/2009	10:48	-----	0.1	0.4
161	02/24/2009	10:49	-----	0.0	0.1
162	02/24/2009	10:50	-----	0.0	0.0
163	02/24/2009	10:51	-----	0.0	0.0
164	02/24/2009	10:52	-----	0.0	0.3
165	02/24/2009	10:53	-----	0.0	0.1
166	02/24/2009	10:54	-----	0.0	0.5
167	02/24/2009	10:55	-----	0.2	2.2
168	02/24/2009	10:56	-----	0.0	0.0
169	02/24/2009	10:57	-----	0.0	0.0
170	02/24/2009	10:58	-----	0.3	1.9
171	02/24/2009	10:59	-----	0.2	0.9
172	02/24/2009	11:00	-----	0.0	0.3
173	02/24/2009	11:01	-----	0.0	0.1
174	02/24/2009	11:02	-----	0.0	0.5
175	02/24/2009	11:03	-----	0.1	0.5
176	02/24/2009	11:04	-----	0.1	0.8
177	02/24/2009	11:05	-----	0.0	0.0
178	02/24/2009	11:06	-----	0.0	0.4
179	02/24/2009	11:07	-----	0.0	0.1
180	02/24/2009	11:08	-----	0.0	0.3
181	02/24/2009	11:09	-----	0.0	0.0
182	02/24/2009	11:10	-----	0.0	0.3
183	02/24/2009	11:11	-----	0.3	0.8
184	02/24/2009	11:12	-----	0.0	0.0
185	02/24/2009	11:13	-----	0.0	0.6
186	02/24/2009	11:14	-----	0.0	0.0
187	02/24/2009	11:15	-----	0.0	0.4
188	02/24/2009	11:16	-----	0.0	0.0
189	02/24/2009	11:17	-----	0.1	0.4
190	02/24/2009	11:18	-----	0.0	0.1
191	02/24/2009	11:19	-----	0.0	0.0
192	02/24/2009	11:20	-----	0.0	0.0
193	02/24/2009	11:21	-----	0.0	0.0

194	02/24/2009	11:22	-----	0.0	0.0
195	02/24/2009	11:23	-----	0.0	0.0
196	02/24/2009	11:24	-----	0.0	0.1
197	02/24/2009	11:25	-----	0.0	0.0
198	02/24/2009	11:26	-----	0.0	0.0
199	02/24/2009	11:27	-----	0.0	0.1
200	02/24/2009	11:28	-----	0.0	0.0
201	02/24/2009	11:29	-----	0.0	0.0
202	02/24/2009	11:30	-----	0.0	0.2
203	02/24/2009	11:31	-----	0.0	0.1
204	02/24/2009	11:32	-----	0.0	0.1
205	02/24/2009	11:33	-----	0.0	0.1
206	02/24/2009	11:34	-----	0.0	0.1
207	02/24/2009	11:35	-----	0.0	0.0
208	02/24/2009	11:36	-----	0.0	0.0
209	02/24/2009	11:37	-----	0.0	0.0
210	02/24/2009	11:38	-----	0.0	0.0
211	02/24/2009	11:39	-----	0.0	0.0
212	02/24/2009	11:40	-----	0.0	0.0
213	02/24/2009	11:41	-----	0.0	0.0
214	02/24/2009	11:42	-----	0.0	0.0
215	02/24/2009	11:43	-----	0.0	0.0
216	02/24/2009	11:44	-----	0.0	0.0
217	02/24/2009	11:45	-----	0.0	0.0
218	02/24/2009	11:46	-----	0.0	0.0
219	02/24/2009	11:47	-----	0.0	0.0
220	02/24/2009	11:48	-----	0.0	0.0
221	02/24/2009	11:49	-----	0.0	0.0
222	02/24/2009	11:50	-----	0.0	0.0
223	02/24/2009	11:51	-----	0.0	0.0
224	02/24/2009	11:52	-----	0.0	0.0
225	02/24/2009	11:53	-----	0.0	0.0
226	02/24/2009	11:54	-----	0.0	0.0
227	02/24/2009	11:55	-----	0.0	0.0
228	02/24/2009	11:56	-----	0.0	0.0
229	02/24/2009	11:57	-----	0.0	0.0
230	02/24/2009	11:58	-----	0.0	0.1
231	02/24/2009	11:59	-----	0.0	0.0
232	02/24/2009	12:00	-----	0.0	0.0
233	02/24/2009	12:01	-----	0.0	0.0
234	02/24/2009	12:02	-----	0.0	0.0
235	02/24/2009	12:03	-----	0.0	0.0
236	02/24/2009	12:04	-----	0.0	0.0
237	02/24/2009	12:05	-----	0.0	0.0
238	02/24/2009	12:06	-----	0.0	0.0
239	02/24/2009	12:07	-----	0.0	0.0
240	02/24/2009	12:08	-----	0.0	0.0
241	02/24/2009	12:09	-----	0.0	0.0
242	02/24/2009	12:10	-----	0.0	0.0
243	02/24/2009	12:11	-----	0.0	0.2
244	02/24/2009	12:12	-----	0.0	0.0
245	02/24/2009	12:13	-----	0.0	0.1
246	02/24/2009	12:14	-----	0.1	0.3
247	02/24/2009	12:15	-----	0.4	1.7
248	02/24/2009	12:16	-----	0.0	0.6
249	02/24/2009	12:17	-----	0.2	1.1
250	02/24/2009	12:18	-----	0.1	0.7
251	02/24/2009	12:19	-----	0.0	0.3
252	02/24/2009	12:20	-----	0.0	0.0
253	02/24/2009	12:21	-----	0.0	0.0
254	02/24/2009	12:22	-----	0.0	0.0
255	02/24/2009	12:23	-----	0.2	0.9
256	02/24/2009	12:24	-----	0.6	2.3
257	02/24/2009	12:25	-----	0.3	0.9
258	02/24/2009	12:26	-----	0.1	0.7
259	02/24/2009	12:27	-----	0.0	0.3
260	02/24/2009	12:28	-----	0.0	0.0
261	02/24/2009	12:29	-----	0.0	0.1

262	02/24/2009	12:30	-----	0.0	0.0
263	02/24/2009	12:31	-----	0.2	0.6
264	02/24/2009	12:32	-----	0.7	2.9
265	02/24/2009	12:33	-----	0.2	1.0
266	02/24/2009	12:34	-----	0.3	0.7
267	02/24/2009	12:35	-----	0.4	0.9
268	02/24/2009	12:36	-----	0.1	0.7
269	02/24/2009	12:37	-----	0.0	0.0
270	02/24/2009	12:38	-----	0.0	0.0
271	02/24/2009	12:39	-----	0.0	0.2
272	02/24/2009	12:40	-----	0.0	0.0
273	02/24/2009	12:41	-----	0.0	0.0
274	02/24/2009	12:42	-----	0.0	0.3
275	02/24/2009	12:43	-----	0.1	0.5
276	02/24/2009	12:44	-----	0.2	0.5
277	02/24/2009	12:45	-----	0.5	0.8
278	02/24/2009	12:46	-----	0.4	3.8
279	02/24/2009	12:47	-----	0.5	2.2
280	02/24/2009	12:48	-----	0.4	0.6
281	02/24/2009	12:49	-----	0.2	0.8
282	02/24/2009	12:50	-----	0.0	0.3
283	02/24/2009	12:51	-----	0.1	0.5
284	02/24/2009	12:52	-----	0.1	0.3
285	02/24/2009	12:53	-----	0.2	0.8
286	02/24/2009	12:54	-----	0.9	2.6
287	02/24/2009	12:55	-----	0.9	2.7
288	02/24/2009	12:56	-----	0.1	0.8
289	02/24/2009	12:57	-----	0.1	0.4
290	02/24/2009	12:58	-----	0.0	0.2
291	02/24/2009	12:59	-----	0.0	0.2
292	02/24/2009	13:00	-----	0.0	0.3
293	02/24/2009	13:01	-----	0.0	0.2
294	02/24/2009	13:02	-----	0.0	0.0
295	02/24/2009	13:03	-----	0.0	0.2
296	02/24/2009	13:04	-----	0.0	0.2
297	02/24/2009	13:05	-----	0.0	0.1
298	02/24/2009	13:06	-----	0.0	0.0
299	02/24/2009	13:07	-----	0.0	0.1
300	02/24/2009	13:08	-----	0.0	0.0
301	02/24/2009	13:09	-----	0.0	0.0
302	02/24/2009	13:10	-----	0.0	0.0
303	02/24/2009	13:11	-----	0.0	0.0
304	02/24/2009	13:12	-----	0.0	0.0
305	02/24/2009	13:13	-----	0.4	4.2
306	02/24/2009	13:14	-----	2.5	6.3
307	02/24/2009	13:15	-----	1.6	3.8
308	02/24/2009	13:16	-----	2.3	5.6
309	02/24/2009	13:17	-----	1.2	3.1
310	02/24/2009	13:18	-----	2.0	4.2
311	02/24/2009	13:19	-----	4.3	7.3
312	02/24/2009	13:20	-----	2.6	5.5
313	02/24/2009	13:21	-----	2.9	6.4
314	02/24/2009	13:22	-----	2.4	4.6
315	02/24/2009	13:23	-----	2.0	3.4
316	02/24/2009	13:24	-----	0.4	1.6
317	02/24/2009	13:25	-----	0.3	0.9
318	02/24/2009	13:26	-----	0.5	1.0
319	02/24/2009	13:27	-----	0.2	0.4
320	02/24/2009	13:28	-----	0.1	0.5
321	02/24/2009	13:29	-----	0.3	0.7
322	02/24/2009	13:30	-----	0.2	0.8
323	02/24/2009	13:31	-----	0.2	0.5
324	02/24/2009	13:32	-----	0.1	0.7
325	02/24/2009	13:33	-----	0.1	0.4
326	02/24/2009	13:34	-----	0.1	0.5
327	02/24/2009	13:35	-----	0.2	0.6
328	02/24/2009	13:36	-----	0.1	0.4
329	02/24/2009	13:37	-----	0.0	0.2

330	02/24/2009 13:38	-----	0.1	0.4
331	02/24/2009 13:39	-----	0.0	0.1
332	02/24/2009 13:40	-----	0.0	0.0
333	02/24/2009 13:41	-----	0.0	0.1
334	02/24/2009 13:42	-----	0.0	0.2
335	02/24/2009 13:43	-----	0.1	0.4
336	02/24/2009 13:44	-----	0.1	0.3
337	02/24/2009 13:45	-----	0.0	0.1
338	02/24/2009 13:46	-----	0.1	0.4
339	02/24/2009 13:47	-----	0.2	1.0
340	02/24/2009 13:48	-----	0.6	1.3
341	02/24/2009 13:49	-----	1.1	3.4
342	02/24/2009 13:50	-----	0.9	1.7
343	02/24/2009 13:51	-----	0.2	1.0
344	02/24/2009 13:52	-----	0.0	0.3
345	02/24/2009 13:53	-----	0.0	0.0
346	02/24/2009 13:54	-----	0.0	0.2
347	02/24/2009 13:55	-----	0.0	0.2
348	02/24/2009 13:56	-----	0.2	0.5
349	02/24/2009 13:57	-----	0.4	1.1
350	02/24/2009 13:58	-----	0.4	1.3
351	02/24/2009 13:59	-----	0.1	0.2
352	02/24/2009 14:00	-----	0.0	0.2
353	02/24/2009 14:01	-----	0.3	0.9
354	02/24/2009 14:02	-----	0.0	0.3
355	02/24/2009 14:03	-----	0.6	1.7
356	02/24/2009 14:04	-----	0.1	0.8
357	02/24/2009 14:05	-----	0.1	0.5
358	02/24/2009 14:06	-----	0.5	4.0
359	02/24/2009 14:07	-----	0.4	1.2
360	02/24/2009 14:08	-----	0.3	1.0
361	02/24/2009 14:09	-----	0.0	0.2
362	02/24/2009 14:10	-----	0.4	1.2
363	02/24/2009 14:11	-----	0.6	1.5
364	02/24/2009 14:12	-----	0.3	0.6
365	02/24/2009 14:13	-----	0.1	0.5
366	02/24/2009 14:14	-----	0.1	0.3
367	02/24/2009 14:15	-----	0.0	0.0
368	02/24/2009 14:16	-----	0.0	0.0
369	02/24/2009 14:17	-----	0.0	0.1
370	02/24/2009 14:18	-----	0.0	0.1
371	02/24/2009 14:19	-----	0.0	0.2
372	02/24/2009 14:20	-----	0.0	1.2
373	02/24/2009 14:21	-----	0.6	1.1
374	02/24/2009 14:22	-----	0.7	1.7
375	02/24/2009 14:23	-----	0.2	0.8
376	02/24/2009 14:24	-----	0.1	0.8
377	02/24/2009 14:25	-----	0.0	0.2
378	02/24/2009 14:26	-----	0.2	1.0
379	02/24/2009 14:27	-----	0.1	0.8
380	02/24/2009 14:28	-----	0.4	0.8
381	02/24/2009 14:29	-----	0.7	1.9
382	02/24/2009 14:30	-----	0.2	0.5
383	02/24/2009 14:31	-----	0.0	0.2
384	02/24/2009 14:32	-----	0.0	0.2
385	02/24/2009 14:33	-----	0.0	0.0
386	02/24/2009 14:34	-----	0.0	0.0
387	02/24/2009 14:35	-----	0.0	0.2
388	02/24/2009 14:36	-----	0.1	0.4
389	02/24/2009 14:37	-----	0.4	1.1
390	02/24/2009 14:38	-----	0.2	1.7
391	02/24/2009 14:39	-----	0.6	2.2
392	02/24/2009 14:40	-----	1.7	3.7
393	02/24/2009 14:41	-----	0.0	0.4
394	02/24/2009 14:42	-----	0.0	0.2
395	02/24/2009 14:43	-----	0.0	0.3
396	02/24/2009 14:44	-----	0.0	0.1
397	02/24/2009 14:45	-----	0.0	0.4

398	02/24/2009 14:46	-----	0.0	0.2
399	02/24/2009 14:47	-----	0.0	0.3
400	02/24/2009 14:48	-----	0.0	0.1
401	02/24/2009 14:49	-----	0.1	0.2
402	02/24/2009 14:50	-----	0.0	0.2
403	02/24/2009 14:51	-----	0.0	0.4
404	02/24/2009 14:52	-----	0.0	0.2
405	02/24/2009 14:53	-----	0.0	0.4
406	02/24/2009 14:54	-----	0.0	0.3
407	02/24/2009 14:55	-----	0.0	0.2
408	02/24/2009 14:56	-----	0.0	0.1
409	02/24/2009 14:57	-----	0.0	0.1
410	02/24/2009 14:58	-----	0.0	0.2
411	02/24/2009 14:59	-----	0.0	0.2
412	02/24/2009 15:00	-----	0.0	0.1
413	02/24/2009 15:01	-----	0.0	0.1
414	02/24/2009 15:02	-----	0.0	0.0
415	02/24/2009 15:03	-----	0.0	0.2
416	02/24/2009 15:04	-----	0.0	0.1
417	02/24/2009 15:05	-----	0.0	0.0
418	02/24/2009 15:06	-----	0.0	0.1
419	02/24/2009 15:07	-----	0.1	0.8
420	02/24/2009 15:08	-----	0.4	1.2
421	02/24/2009 15:09	-----	0.3	0.7
422	02/24/2009 15:10	-----	0.1	0.4
423	02/24/2009 15:11	-----	0.0	0.3
424	02/24/2009 15:12	-----	0.0	0.2
425	02/24/2009 15:13	-----	0.0	0.3
426	02/24/2009 15:14	-----	0.0	0.4
427	02/24/2009 15:15	-----	0.0	0.3
428	02/24/2009 15:16	-----	0.0	0.2
429	02/24/2009 15:17	-----	0.0	0.1
430	02/24/2009 15:18	-----	0.0	0.2
431	02/24/2009 15:19	-----	0.0	0.0
432	02/24/2009 15:20	-----	0.0	0.0
433	02/24/2009 15:21	-----	0.0	0.0
434	02/24/2009 15:22	-----	0.0	0.0
435	02/24/2009 15:23	-----	0.0	0.1
436	02/24/2009 15:24	-----	0.0	0.1
437	02/24/2009 15:25	-----	0.0	0.2
438	02/24/2009 15:26	-----	0.0	0.1
439	02/24/2009 15:27	-----	0.0	0.2
440	02/24/2009 15:28	-----	0.0	0.1
441	02/24/2009 15:29	-----	0.0	0.0
442	02/24/2009 15:30	-----	0.0	0.0
443	02/24/2009 15:31	-----	0.0	0.0
444	02/24/2009 15:32	-----	0.0	0.0
445	02/24/2009 15:33	-----	0.0	0.0
446	02/24/2009 15:34	-----	0.0	0.0
447	02/24/2009 15:35	-----	0.0	0.0
448	02/24/2009 15:36	-----	0.0	0.0
449	02/24/2009 15:37	-----	0.0	0.0
450	02/24/2009 15:38	-----	0.0	0.0
451	02/24/2009 15:39	-----	0.0	0.0
452	02/24/2009 15:40	-----	0.0	0.0
453	02/24/2009 15:41	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 467
Data Points: 554 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/25/2009	07:59	-----	0.0	0.0
2	02/25/2009	08:00	-----	0.0	0.0
3	02/25/2009	08:01	-----	0.0	0.0
4	02/25/2009	08:02	-----	0.0	0.1
5	02/25/2009	08:03	-----	0.0	0.1
6	02/25/2009	08:04	-----	0.0	0.0
7	02/25/2009	08:05	-----	0.0	0.0
8	02/25/2009	08:06	-----	0.0	0.0
9	02/25/2009	08:07	-----	0.0	0.1
10	02/25/2009	08:08	-----	0.0	0.0
11	02/25/2009	08:09	-----	0.0	0.0
12	02/25/2009	08:10	-----	0.0	0.0
13	02/25/2009	08:11	-----	0.0	0.0
14	02/25/2009	08:12	-----	0.0	0.0
15	02/25/2009	08:13	-----	0.0	0.0
16	02/25/2009	08:14	-----	0.0	0.0
17	02/25/2009	08:15	-----	0.0	0.0
18	02/25/2009	08:16	-----	0.0	0.0
19	02/25/2009	08:17	-----	0.0	0.0
20	02/25/2009	08:18	-----	0.0	0.0
21	02/25/2009	08:19	-----	0.0	0.0
22	02/25/2009	08:20	-----	0.0	0.0
23	02/25/2009	08:21	-----	0.0	0.0
24	02/25/2009	08:22	-----	0.0	0.0
25	02/25/2009	08:23	-----	0.0	0.0
26	02/25/2009	08:24	-----	0.0	0.0
27	02/25/2009	08:25	-----	0.0	0.0
28	02/25/2009	08:26	-----	0.0	0.0
29	02/25/2009	08:27	-----	0.0	0.0
30	02/25/2009	08:28	-----	0.0	0.0
31	02/25/2009	08:29	-----	0.0	0.1
32	02/25/2009	08:30	-----	0.0	0.0
33	02/25/2009	08:31	-----	0.0	0.0
34	02/25/2009	08:32	-----	0.0	0.0
35	02/25/2009	08:33	-----	0.0	0.1
36	02/25/2009	08:34	-----	0.0	0.0
37	02/25/2009	08:35	-----	0.0	0.0
38	02/25/2009	08:36	-----	0.0	0.0
39	02/25/2009	08:37	-----	0.0	0.0
40	02/25/2009	08:38	-----	0.0	0.0
41	02/25/2009	08:39	-----	0.0	0.0
42	02/25/2009	08:40	-----	0.0	0.0
43	02/25/2009	08:41	-----	0.0	0.2
44	02/25/2009	08:42	-----	0.0	0.0
45	02/25/2009	08:43	-----	0.0	0.0
46	02/25/2009	08:44	-----	0.0	0.0
47	02/25/2009	08:45	-----	0.0	0.1
48	02/25/2009	08:46	-----	0.0	0.0
49	02/25/2009	08:47	-----	0.0	0.0
50	02/25/2009	08:48	-----	0.0	0.0
51	02/25/2009	08:49	-----	0.0	0.0
52	02/25/2009	08:50	-----	0.0	0.0
53	02/25/2009	08:51	-----	0.0	0.1
54	02/25/2009	08:52	-----	0.0	0.0
55	02/25/2009	08:53	-----	0.0	0.0
56	02/25/2009	08:54	-----	0.0	0.0
57	02/25/2009	08:55	-----	0.0	0.0

58	02/25/2009 08:56	-----	0.0	0.0
59	02/25/2009 08:57	-----	0.0	0.0
60	02/25/2009 08:58	-----	0.0	0.0
61	02/25/2009 08:59	-----	0.0	0.0
62	02/25/2009 09:00	-----	0.0	0.0
63	02/25/2009 09:01	-----	0.0	0.0
64	02/25/2009 09:02	-----	0.0	0.0
65	02/25/2009 09:03	-----	0.0	0.0
66	02/25/2009 09:04	-----	0.0	0.0
67	02/25/2009 09:05	-----	0.0	0.0
68	02/25/2009 09:06	-----	0.0	0.0
69	02/25/2009 09:07	-----	0.0	0.0
70	02/25/2009 09:08	-----	0.0	0.0
71	02/25/2009 09:09	-----	0.0	0.0
72	02/25/2009 09:10	-----	0.0	0.0
73	02/25/2009 09:11	-----	0.0	0.0
74	02/25/2009 09:12	-----	0.0	0.0
75	02/25/2009 09:13	-----	0.0	0.0
76	02/25/2009 09:14	-----	0.0	0.2
77	02/25/2009 09:15	-----	0.0	0.0
78	02/25/2009 09:16	-----	0.0	0.0
79	02/25/2009 09:17	-----	0.0	0.0
80	02/25/2009 09:18	-----	0.0	0.0
81	02/25/2009 09:19	-----	0.0	0.0
82	02/25/2009 09:20	-----	0.0	0.0
83	02/25/2009 09:21	-----	0.0	0.0
84	02/25/2009 09:22	-----	0.0	0.0
85	02/25/2009 09:23	-----	0.0	0.0
86	02/25/2009 09:24	-----	0.0	0.0
87	02/25/2009 09:25	-----	0.0	0.0
88	02/25/2009 09:26	-----	0.0	0.0
89	02/25/2009 09:27	-----	0.0	0.0
90	02/25/2009 09:28	-----	0.0	0.2
91	02/25/2009 09:29	-----	0.0	0.1
92	02/25/2009 09:30	-----	0.1	4.6
93	02/25/2009 09:31	-----	0.7	4.8
94	02/25/2009 09:32	-----	0.0	0.3
95	02/25/2009 09:33	-----	0.1	0.5
96	02/25/2009 09:34	-----	1.2	3.3
97	02/25/2009 09:35	-----	0.1	0.8
98	02/25/2009 09:36	-----	0.0	1.0
99	02/25/2009 09:37	-----	1.8	8.4
100	02/25/2009 09:38	-----	0.5	2.9
101	02/25/2009 09:39	-----	0.1	0.9
102	02/25/2009 09:40	-----	0.0	0.0
103	02/25/2009 09:41	-----	0.0	0.1
104	02/25/2009 09:42	-----	0.0	0.0
105	02/25/2009 09:43	-----	0.0	0.0
106	02/25/2009 09:44	-----	0.0	0.0
107	02/25/2009 09:45	-----	1.6	4.5
108	02/25/2009 09:46	-----	0.1	0.8
109	02/25/2009 09:47	-----	0.0	0.0
110	02/25/2009 09:48	-----	0.0	0.1
111	02/25/2009 09:49	-----	0.0	0.2
112	02/25/2009 09:50	-----	0.0	0.0
113	02/25/2009 09:51	-----	0.0	0.0
114	02/25/2009 09:52	-----	0.0	0.4
115	02/25/2009 09:53	-----	0.1	1.0
116	02/25/2009 09:54	-----	0.0	0.6
117	02/25/2009 09:55	-----	0.0	0.5
118	02/25/2009 09:56	-----	0.0	0.0
119	02/25/2009 09:57	-----	0.0	0.0
120	02/25/2009 09:58	-----	0.0	0.0
121	02/25/2009 09:59	-----	0.0	0.0
122	02/25/2009 10:00	-----	0.0	0.0
123	02/25/2009 10:01	-----	0.0	0.2
124	02/25/2009 10:02	-----	0.2	0.7
125	02/25/2009 10:03	-----	0.0	0.2

126	02/25/2009 10:04	-----	0.0	0.2
127	02/25/2009 10:05	-----	0.0	0.0
128	02/25/2009 10:06	-----	0.0	0.0
129	02/25/2009 10:07	-----	0.0	0.2
130	02/25/2009 10:08	-----	0.3	0.8
131	02/25/2009 10:09	-----	0.0	0.4
132	02/25/2009 10:10	-----	0.3	2.9
133	02/25/2009 10:11	-----	0.0	0.0
134	02/25/2009 10:12	-----	0.0	0.0
135	02/25/2009 10:13	-----	0.0	0.0
136	02/25/2009 10:14	-----	0.0	0.1
137	02/25/2009 10:15	-----	0.0	0.0
138	02/25/2009 10:16	-----	0.0	0.0
139	02/25/2009 10:17	-----	0.0	0.0
140	02/25/2009 10:18	-----	0.0	0.0
141	02/25/2009 10:19	-----	0.0	0.0
142	02/25/2009 10:20	-----	0.0	0.0
143	02/25/2009 10:21	-----	0.0	0.0
144	02/25/2009 10:22	-----	0.0	0.0
145	02/25/2009 10:23	-----	0.1	0.9
146	02/25/2009 10:24	-----	0.0	0.1
147	02/25/2009 10:25	-----	0.0	0.0
148	02/25/2009 10:26	-----	0.0	0.0
149	02/25/2009 10:27	-----	0.0	0.0
150	02/25/2009 10:28	-----	0.0	0.0
151	02/25/2009 10:29	-----	0.0	0.0
152	02/25/2009 10:30	-----	0.0	0.0
153	02/25/2009 10:31	-----	0.0	0.0
154	02/25/2009 10:32	-----	0.0	0.0
155	02/25/2009 10:33	-----	0.0	0.0
156	02/25/2009 10:34	-----	0.3	1.3
157	02/25/2009 10:35	-----	0.0	0.0
158	02/25/2009 10:36	-----	0.0	0.0
159	02/25/2009 10:37	-----	0.0	0.4
160	02/25/2009 10:38	-----	0.0	0.3
161	02/25/2009 10:39	-----	0.0	0.2
162	02/25/2009 10:40	-----	0.1	0.6
163	02/25/2009 10:41	-----	0.0	0.4
164	02/25/2009 10:42	-----	0.0	0.1
165	02/25/2009 10:43	-----	0.0	0.0
166	02/25/2009 10:44	-----	0.0	0.0
167	02/25/2009 10:45	-----	0.0	0.0
168	02/25/2009 10:46	-----	0.0	0.3
169	02/25/2009 10:47	-----	0.0	0.3
170	02/25/2009 10:48	-----	0.0	0.4
171	02/25/2009 10:49	-----	0.0	0.3
172	02/25/2009 10:50	-----	0.0	0.0
173	02/25/2009 10:51	-----	0.1	0.8
174	02/25/2009 10:52	-----	0.0	0.1
175	02/25/2009 10:53	-----	0.0	0.0
176	02/25/2009 10:54	-----	0.0	0.2
177	02/25/2009 10:55	-----	0.0	0.3
178	02/25/2009 10:56	-----	0.0	0.0
179	02/25/2009 10:57	-----	0.0	0.1
180	02/25/2009 10:58	-----	0.0	0.0
181	02/25/2009 10:59	-----	0.0	0.0
182	02/25/2009 11:00	-----	0.0	0.0
183	02/25/2009 11:01	-----	0.0	0.0
184	02/25/2009 11:02	-----	0.0	0.0
185	02/25/2009 11:03	-----	0.0	0.0
186	02/25/2009 11:04	-----	0.0	0.0
187	02/25/2009 11:05	-----	0.0	0.0
188	02/25/2009 11:06	-----	0.0	0.0
189	02/25/2009 11:07	-----	0.0	0.0
190	02/25/2009 11:08	-----	0.0	0.0
191	02/25/2009 11:09	-----	0.0	0.0
192	02/25/2009 11:10	-----	0.0	0.0
193	02/25/2009 11:11	-----	0.0	0.0

194	02/25/2009	11:12	-----	0.0	0.1
195	02/25/2009	11:13	-----	0.0	0.0
196	02/25/2009	11:14	-----	0.0	0.0
197	02/25/2009	11:15	-----	0.0	0.0
198	02/25/2009	11:16	-----	0.0	0.2
199	02/25/2009	11:17	-----	0.0	0.1
200	02/25/2009	11:18	-----	0.0	0.2
201	02/25/2009	11:19	-----	0.0	0.0
202	02/25/2009	11:20	-----	0.0	0.0
203	02/25/2009	11:21	-----	0.0	0.0
204	02/25/2009	11:22	-----	0.0	0.0
205	02/25/2009	11:23	-----	0.0	0.0
206	02/25/2009	11:24	-----	0.0	0.0
207	02/25/2009	11:25	-----	0.0	0.0
208	02/25/2009	11:26	-----	0.0	0.0
209	02/25/2009	11:27	-----	0.0	0.0
210	02/25/2009	11:28	-----	0.0	0.0
211	02/25/2009	11:29	-----	0.0	0.0
212	02/25/2009	11:30	-----	0.0	0.0
213	02/25/2009	11:31	-----	0.0	0.0
214	02/25/2009	11:32	-----	0.0	0.0
215	02/25/2009	11:33	-----	0.0	0.0
216	02/25/2009	11:34	-----	0.0	0.0
217	02/25/2009	11:35	-----	0.0	0.0
218	02/25/2009	11:36	-----	0.0	0.0
219	02/25/2009	11:37	-----	0.0	0.0
220	02/25/2009	11:38	-----	0.0	0.0
221	02/25/2009	11:39	-----	0.0	0.0
222	02/25/2009	11:40	-----	0.0	0.0
223	02/25/2009	11:41	-----	0.0	0.0
224	02/25/2009	11:42	-----	0.0	0.0
225	02/25/2009	11:43	-----	0.0	0.0
226	02/25/2009	11:44	-----	0.0	0.0
227	02/25/2009	11:45	-----	0.0	0.0
228	02/25/2009	11:46	-----	0.0	0.0
229	02/25/2009	11:47	-----	0.0	0.0
230	02/25/2009	11:48	-----	0.0	0.0
231	02/25/2009	11:49	-----	0.0	0.0
232	02/25/2009	11:50	-----	0.0	0.0
233	02/25/2009	11:51	-----	0.0	0.0
234	02/25/2009	11:52	-----	0.0	0.0
235	02/25/2009	11:53	-----	0.0	0.0
236	02/25/2009	11:54	-----	0.0	0.0
237	02/25/2009	11:55	-----	0.0	0.0
238	02/25/2009	11:56	-----	0.0	0.0
239	02/25/2009	11:57	-----	0.0	0.0
240	02/25/2009	11:58	-----	0.0	0.0
241	02/25/2009	11:59	-----	0.1	0.6
242	02/25/2009	12:00	-----	0.0	0.1
243	02/25/2009	12:01	-----	0.0	0.0
244	02/25/2009	12:02	-----	0.0	0.1
245	02/25/2009	12:03	-----	0.0	0.0
246	02/25/2009	12:04	-----	0.0	0.1
247	02/25/2009	12:05	-----	0.0	0.2
248	02/25/2009	12:06	-----	0.0	0.0
249	02/25/2009	12:07	-----	0.0	0.0
250	02/25/2009	12:08	-----	0.0	0.0
251	02/25/2009	12:09	-----	0.0	0.0
252	02/25/2009	12:10	-----	0.0	0.0
253	02/25/2009	12:11	-----	0.0	0.1
254	02/25/2009	12:12	-----	0.0	0.0
255	02/25/2009	12:13	-----	0.0	0.0
256	02/25/2009	12:14	-----	0.0	0.0
257	02/25/2009	12:15	-----	0.0	0.0
258	02/25/2009	12:16	-----	0.0	0.0
259	02/25/2009	12:17	-----	0.0	0.0
260	02/25/2009	12:18	-----	0.0	0.0
261	02/25/2009	12:19	-----	0.0	0.0

262	02/25/2009	12:20	-----	0.0	0.0
263	02/25/2009	12:21	-----	0.0	0.0
264	02/25/2009	12:22	-----	0.0	0.0
265	02/25/2009	12:23	-----	0.0	0.0
266	02/25/2009	12:24	-----	0.0	0.0
267	02/25/2009	12:25	-----	0.0	0.0
268	02/25/2009	12:26	-----	0.0	0.0
269	02/25/2009	12:27	-----	0.0	0.1
270	02/25/2009	12:28	-----	0.0	0.0
271	02/25/2009	12:29	-----	0.0	0.1
272	02/25/2009	12:30	-----	0.0	0.0
273	02/25/2009	12:31	-----	0.0	0.0
274	02/25/2009	12:32	-----	0.0	0.0
275	02/25/2009	12:33	-----	0.0	0.0
276	02/25/2009	12:34	-----	0.0	0.0
277	02/25/2009	12:35	-----	0.0	0.3
278	02/25/2009	12:36	-----	0.0	0.3
279	02/25/2009	12:37	-----	0.0	0.6
280	02/25/2009	12:38	-----	0.2	0.5
281	02/25/2009	12:39	-----	0.0	0.1
282	02/25/2009	12:40	-----	0.0	0.1
283	02/25/2009	12:41	-----	0.0	0.1
284	02/25/2009	12:42	-----	0.0	0.1
285	02/25/2009	12:43	-----	0.0	0.0
286	02/25/2009	12:44	-----	0.0	0.0
287	02/25/2009	12:45	-----	0.0	0.0
288	02/25/2009	12:46	-----	0.0	0.0
289	02/25/2009	12:47	-----	0.2	1.1
290	02/25/2009	12:48	-----	0.1	0.2
291	02/25/2009	12:49	-----	0.0	0.0
292	02/25/2009	12:50	-----	0.0	0.2
293	02/25/2009	12:51	-----	0.0	0.2
294	02/25/2009	12:52	-----	0.0	0.0
295	02/25/2009	12:53	-----	0.0	0.0
296	02/25/2009	12:54	-----	0.0	0.0
297	02/25/2009	12:55	-----	0.0	0.0
298	02/25/2009	12:56	-----	0.0	0.0
299	02/25/2009	12:57	-----	1.2	2.0
300	02/25/2009	12:58	-----	0.3	1.8
301	02/25/2009	12:59	-----	0.0	0.0
302	02/25/2009	13:00	-----	0.0	0.0
303	02/25/2009	13:01	-----	0.0	0.0
304	02/25/2009	13:02	-----	0.0	0.3
305	02/25/2009	13:03	-----	0.0	0.1
306	02/25/2009	13:04	-----	0.1	0.7
307	02/25/2009	13:05	-----	0.0	0.1
308	02/25/2009	13:06	-----	0.3	1.3
309	02/25/2009	13:07	-----	0.0	0.0
310	02/25/2009	13:08	-----	0.0	0.2
311	02/25/2009	13:09	-----	0.0	0.0
312	02/25/2009	13:10	-----	0.0	0.0
313	02/25/2009	13:11	-----	0.0	0.0
314	02/25/2009	13:12	-----	0.0	0.1
315	02/25/2009	13:13	-----	0.0	0.0
316	02/25/2009	13:14	-----	0.0	0.0
317	02/25/2009	13:15	-----	0.0	0.2
318	02/25/2009	13:16	-----	0.0	0.5
319	02/25/2009	13:17	-----	0.2	0.9
320	02/25/2009	13:18	-----	0.0	0.0
321	02/25/2009	13:19	-----	0.0	0.0
322	02/25/2009	13:20	-----	0.0	0.2
323	02/25/2009	13:21	-----	0.0	0.2
324	02/25/2009	13:22	-----	0.1	0.7
325	02/25/2009	13:23	-----	0.0	0.3
326	02/25/2009	13:24	-----	0.0	0.1
327	02/25/2009	13:25	-----	0.0	0.3
328	02/25/2009	13:26	-----	0.2	0.6
329	02/25/2009	13:27	-----	0.0	0.1

330	02/25/2009	13:28	-----	0.0	0.6
331	02/25/2009	13:29	-----	0.0	0.0
332	02/25/2009	13:30	-----	0.0	0.0
333	02/25/2009	13:31	-----	0.0	0.2
334	02/25/2009	13:32	-----	0.0	0.0
335	02/25/2009	13:33	-----	0.0	0.0
336	02/25/2009	13:34	-----	0.1	0.5
337	02/25/2009	13:35	-----	0.1	0.6
338	02/25/2009	13:36	-----	0.0	0.0
339	02/25/2009	13:37	-----	0.0	0.0
340	02/25/2009	13:38	-----	0.0	0.0
341	02/25/2009	13:39	-----	0.0	0.0
342	02/25/2009	13:40	-----	0.0	0.0
343	02/25/2009	13:41	-----	0.0	0.0
344	02/25/2009	13:42	-----	0.0	0.3
345	02/25/2009	13:43	-----	0.0	0.4
346	02/25/2009	13:44	-----	0.1	0.5
347	02/25/2009	13:45	-----	0.0	0.3
348	02/25/2009	13:46	-----	0.0	0.4
349	02/25/2009	13:47	-----	0.0	0.0
350	02/25/2009	13:48	-----	0.0	0.0
351	02/25/2009	13:49	-----	0.0	0.0
352	02/25/2009	13:50	-----	0.0	0.2
353	02/25/2009	13:51	-----	0.0	0.2
354	02/25/2009	13:52	-----	0.0	0.1
355	02/25/2009	13:53	-----	0.0	0.0
356	02/25/2009	13:54	-----	0.0	0.0
357	02/25/2009	13:55	-----	0.0	0.0
358	02/25/2009	13:56	-----	0.0	0.0
359	02/25/2009	13:57	-----	0.0	0.0
360	02/25/2009	13:58	-----	0.2	0.7
361	02/25/2009	13:59	-----	0.0	0.6
362	02/25/2009	14:00	-----	0.0	0.0
363	02/25/2009	14:01	-----	0.0	0.4
364	02/25/2009	14:02	-----	0.0	0.1
365	02/25/2009	14:03	-----	0.0	0.0
366	02/25/2009	14:04	-----	0.0	0.0
367	02/25/2009	14:05	-----	0.0	0.0
368	02/25/2009	14:06	-----	0.0	0.0
369	02/25/2009	14:07	-----	0.0	0.0
370	02/25/2009	14:08	-----	0.0	0.0
371	02/25/2009	14:09	-----	0.0	0.0
372	02/25/2009	14:10	-----	0.0	0.0
373	02/25/2009	14:11	-----	0.0	0.0
374	02/25/2009	14:12	-----	0.0	0.2
375	02/25/2009	14:13	-----	0.0	0.0
376	02/25/2009	14:14	-----	0.0	0.1
377	02/25/2009	14:15	-----	0.2	0.6
378	02/25/2009	14:16	-----	0.0	0.0
379	02/25/2009	14:17	-----	0.0	0.1
380	02/25/2009	14:18	-----	0.0	0.2
381	02/25/2009	14:19	-----	0.0	0.0
382	02/25/2009	14:20	-----	0.0	0.0
383	02/25/2009	14:21	-----	0.0	0.0
384	02/25/2009	14:22	-----	0.0	0.1
385	02/25/2009	14:23	-----	0.0	0.2
386	02/25/2009	14:24	-----	0.0	0.0
387	02/25/2009	14:25	-----	0.0	0.0
388	02/25/2009	14:26	-----	0.0	0.0
389	02/25/2009	14:27	-----	0.0	0.0
390	02/25/2009	14:28	-----	0.0	0.2
391	02/25/2009	14:29	-----	0.0	0.0
392	02/25/2009	14:30	-----	0.0	0.1
393	02/25/2009	14:31	-----	0.0	0.0
394	02/25/2009	14:32	-----	0.0	0.0
395	02/25/2009	14:33	-----	0.0	0.0
396	02/25/2009	14:34	-----	0.0	0.0
397	02/25/2009	14:35	-----	0.0	0.0

398	02/25/2009 14:36	-----	0.0	0.1
399	02/25/2009 14:37	-----	0.0	0.1
400	02/25/2009 14:38	-----	0.0	0.1
401	02/25/2009 14:39	-----	0.0	0.0
402	02/25/2009 14:40	-----	0.0	0.0
403	02/25/2009 14:41	-----	0.0	0.0
404	02/25/2009 14:42	-----	0.0	0.1
405	02/25/2009 14:43	-----	0.0	0.0
406	02/25/2009 14:44	-----	0.0	0.0
407	02/25/2009 14:45	-----	0.0	0.0
408	02/25/2009 14:46	-----	0.0	0.0
409	02/25/2009 14:47	-----	0.0	0.1
410	02/25/2009 14:48	-----	0.0	0.0
411	02/25/2009 14:49	-----	0.0	0.0
412	02/25/2009 14:50	-----	0.0	0.2
413	02/25/2009 14:51	-----	0.0	0.1
414	02/25/2009 14:52	-----	0.0	0.0
415	02/25/2009 14:53	-----	0.0	0.0
416	02/25/2009 14:54	-----	0.0	0.0
417	02/25/2009 14:55	-----	0.0	0.0
418	02/25/2009 14:56	-----	0.0	0.0
419	02/25/2009 14:57	-----	0.0	0.0
420	02/25/2009 14:58	-----	0.0	0.0
421	02/25/2009 14:59	-----	0.0	0.0
422	02/25/2009 15:00	-----	0.0	0.0
423	02/25/2009 15:01	-----	0.0	0.0
424	02/25/2009 15:02	-----	0.0	0.0
425	02/25/2009 15:03	-----	0.0	0.0
426	02/25/2009 15:04	-----	0.0	0.0
427	02/25/2009 15:05	-----	0.0	0.0
428	02/25/2009 15:06	-----	0.0	0.0
429	02/25/2009 15:07	-----	0.0	0.0
430	02/25/2009 15:08	-----	0.0	0.3
431	02/25/2009 15:09	-----	0.0	0.0
432	02/25/2009 15:10	-----	0.0	0.0
433	02/25/2009 15:11	-----	0.0	0.0
434	02/25/2009 15:12	-----	0.0	0.1
435	02/25/2009 15:13	-----	0.0	0.0
436	02/25/2009 15:14	-----	0.0	0.0
437	02/25/2009 15:15	-----	0.1	0.3
438	02/25/2009 15:16	-----	0.0	0.2
439	02/25/2009 15:17	-----	0.0	0.2
440	02/25/2009 15:18	-----	0.1	0.2
441	02/25/2009 15:19	-----	0.0	0.1
442	02/25/2009 15:20	-----	0.0	0.0
443	02/25/2009 15:21	-----	0.0	0.0
444	02/25/2009 15:22	-----	0.0	0.0
445	02/25/2009 15:23	-----	0.0	0.1
446	02/25/2009 15:24	-----	0.0	0.0
447	02/25/2009 15:25	-----	0.0	0.0
448	02/25/2009 15:26	-----	0.0	0.2
449	02/25/2009 15:27	-----	0.0	0.1
450	02/25/2009 15:28	-----	0.0	0.1
451	02/25/2009 15:29	-----	0.0	0.0
452	02/25/2009 15:30	-----	0.0	0.0
453	02/25/2009 15:31	-----	0.0	0.0
454	02/25/2009 15:32	-----	0.0	0.0
455	02/25/2009 15:33	-----	0.0	0.0
456	02/25/2009 15:34	-----	0.0	0.1
457	02/25/2009 15:35	-----	0.0	0.1
458	02/25/2009 15:36	-----	0.0	0.0
459	02/25/2009 15:37	-----	0.0	0.0
460	02/25/2009 15:38	-----	0.0	0.0
461	02/25/2009 15:39	-----	0.0	0.0
462	02/25/2009 15:40	-----	0.0	0.2
463	02/25/2009 15:41	-----	0.0	0.1
464	02/25/2009 15:42	-----	0.0	0.1
465	02/25/2009 15:43	-----	0.0	0.1

466	02/25/2009 15:44	-----	0.0	0.1
467	02/25/2009 15:45	-----	0.0	0.1
468	02/25/2009 15:46	-----	0.0	0.1
469	02/25/2009 15:47	-----	0.0	0.1
470	02/25/2009 15:48	-----	0.0	0.1
471	02/25/2009 15:49	-----	0.0	0.1
472	02/25/2009 15:50	-----	0.0	0.1
473	02/25/2009 15:51	-----	0.0	0.1
474	02/25/2009 15:52	-----	0.0	0.1
475	02/25/2009 15:53	-----	0.0	0.1
476	02/25/2009 15:54	-----	0.0	0.0
477	02/25/2009 15:55	-----	0.0	0.1
478	02/25/2009 15:56	-----	0.0	0.1
479	02/25/2009 15:57	-----	0.0	0.2
480	02/25/2009 15:58	-----	0.0	0.2
481	02/25/2009 15:59	-----	0.0	0.0
482	02/25/2009 16:00	-----	0.0	0.0
483	02/25/2009 16:01	-----	0.0	0.0
484	02/25/2009 16:02	-----	0.0	0.0
485	02/25/2009 16:03	-----	0.0	0.2
486	02/25/2009 16:04	-----	0.0	0.1
487	02/25/2009 16:05	-----	0.0	0.1
488	02/25/2009 16:06	-----	0.0	0.1
489	02/25/2009 16:07	-----	0.0	0.1
490	02/25/2009 16:08	-----	0.0	0.1
491	02/25/2009 16:09	-----	0.0	0.1
492	02/25/2009 16:10	-----	0.0	0.1
493	02/25/2009 16:11	-----	0.0	0.1
494	02/25/2009 16:12	-----	0.0	0.1
495	02/25/2009 16:13	-----	0.1	0.3
496	02/25/2009 16:14	-----	0.0	0.1
497	02/25/2009 16:15	-----	0.0	0.1
498	02/25/2009 16:16	-----	0.0	0.1
499	02/25/2009 16:17	-----	0.0	0.1
500	02/25/2009 16:18	-----	0.0	0.1
501	02/25/2009 16:19	-----	0.0	0.2
502	02/25/2009 16:20	-----	0.0	0.1
503	02/25/2009 16:21	-----	0.0	0.1
504	02/25/2009 16:22	-----	0.0	0.0
505	02/25/2009 16:23	-----	0.0	0.1
506	02/25/2009 16:24	-----	0.0	0.1
507	02/25/2009 16:25	-----	0.0	0.1
508	02/25/2009 16:26	-----	0.0	0.0
509	02/25/2009 16:27	-----	0.0	0.2
510	02/25/2009 16:28	-----	0.0	0.1
511	02/25/2009 16:29	-----	0.0	0.1
512	02/25/2009 16:30	-----	0.0	0.0
513	02/25/2009 16:31	-----	0.0	0.0
514	02/25/2009 16:32	-----	0.0	0.0
515	02/25/2009 16:33	-----	0.0	0.1
516	02/25/2009 16:34	-----	0.0	0.1
517	02/25/2009 16:35	-----	0.0	0.1
518	02/25/2009 16:36	-----	0.0	0.1
519	02/25/2009 16:37	-----	0.0	0.0
520	02/25/2009 16:38	-----	0.0	0.1
521	02/25/2009 16:39	-----	0.0	0.1
522	02/25/2009 16:40	-----	0.0	0.1
523	02/25/2009 16:41	-----	0.0	0.1
524	02/25/2009 16:42	-----	0.0	0.1
525	02/25/2009 16:43	-----	0.0	0.1
526	02/25/2009 16:44	-----	0.0	0.0
527	02/25/2009 16:45	-----	0.0	0.1
528	02/25/2009 16:46	-----	0.0	0.1
529	02/25/2009 16:47	-----	0.0	0.1
530	02/25/2009 16:48	-----	0.0	0.1
531	02/25/2009 16:49	-----	0.0	0.1
532	02/25/2009 16:50	-----	0.0	0.0
533	02/25/2009 16:51	-----	0.0	0.1

534	02/25/2009 16:52	-----	0.0	0.0
535	02/25/2009 16:53	-----	0.0	0.1
536	02/25/2009 16:54	-----	0.0	0.1
537	02/25/2009 16:55	-----	0.0	0.1
538	02/25/2009 16:56	-----	0.0	0.0
539	02/25/2009 16:57	-----	0.0	0.1
540	02/25/2009 16:58	-----	0.0	0.1
541	02/25/2009 16:59	-----	0.0	0.1
542	02/25/2009 17:00	-----	0.0	0.1
543	02/25/2009 17:01	-----	0.0	0.1
544	02/25/2009 17:02	-----	0.0	0.1
545	02/25/2009 17:03	-----	0.0	0.1
546	02/25/2009 17:04	-----	0.0	0.1
547	02/25/2009 17:05	-----	0.0	0.1
548	02/25/2009 17:06	-----	0.0	0.1
549	02/25/2009 17:07	-----	0.0	0.1
550	02/25/2009 17:08	-----	0.0	0.2
551	02/25/2009 17:09	-----	0.0	0.1
552	02/25/2009 17:10	-----	0.0	0.1
553	02/25/2009 17:11	-----	0.0	0.1
554	02/25/2009 17:12	-----	0.0	0.2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: TK 3 Site ID: TK 3 468
Data Points: 360 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 02/03/2009 14:26

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	25.0	25.0	25.0
Low Alarm Levels:	15.0	15.0	15.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	02/26/2009	09:35	-----	0.0	0.0
2	02/26/2009	09:36	-----	0.0	0.0
3	02/26/2009	09:37	-----	1.0	6.0
4	02/26/2009	09:38	-----	1.4	2.3
5	02/26/2009	09:39	-----	0.4	1.1
6	02/26/2009	09:40	-----	0.6	1.4
7	02/26/2009	09:41	-----	0.4	0.9
8	02/26/2009	09:42	-----	1.1	2.1
9	02/26/2009	09:43	-----	0.3	0.6
10	02/26/2009	09:44	-----	0.5	1.7
11	02/26/2009	09:45	-----	1.0	1.8
12	02/26/2009	09:46	-----	0.5	0.9
13	02/26/2009	09:47	-----	0.9	2.6
14	02/26/2009	09:48	-----	1.0	3.6
15	02/26/2009	09:49	-----	0.7	1.9
16	02/26/2009	09:50	-----	0.3	0.9
17	02/26/2009	09:51	-----	0.4	0.9
18	02/26/2009	09:52	-----	0.2	1.1
19	02/26/2009	09:53	-----	0.1	0.3
20	02/26/2009	09:54	-----	0.2	0.5
21	02/26/2009	09:55	-----	0.1	0.5
22	02/26/2009	09:56	-----	0.1	0.4
23	02/26/2009	09:57	-----	0.4	1.2
24	02/26/2009	09:58	-----	0.3	1.3
25	02/26/2009	09:59	-----	1.1	7.0
26	02/26/2009	10:00	-----	1.0	2.7
27	02/26/2009	10:01	-----	0.6	1.5
28	02/26/2009	10:02	-----	0.4	1.0
29	02/26/2009	10:03	-----	0.5	1.6
30	02/26/2009	10:04	-----	0.2	0.8
31	02/26/2009	10:05	-----	0.3	1.8
32	02/26/2009	10:06	-----	0.2	0.7
33	02/26/2009	10:07	-----	0.0	0.4
34	02/26/2009	10:08	-----	0.1	0.4
35	02/26/2009	10:09	-----	0.0	0.1
36	02/26/2009	10:10	-----	0.0	0.2
37	02/26/2009	10:11	-----	0.0	0.0
38	02/26/2009	10:12	-----	0.0	0.1
39	02/26/2009	10:13	-----	0.0	0.1
40	02/26/2009	10:14	-----	0.0	0.1
41	02/26/2009	10:15	-----	0.0	0.1
42	02/26/2009	10:16	-----	0.0	0.0
43	02/26/2009	10:17	-----	0.0	0.0
44	02/26/2009	10:18	-----	0.0	0.0
45	02/26/2009	10:19	-----	0.0	0.0
46	02/26/2009	10:20	-----	0.0	0.0
47	02/26/2009	10:21	-----	0.0	0.0
48	02/26/2009	10:22	-----	0.0	0.0
49	02/26/2009	10:23	-----	0.0	0.0
50	02/26/2009	10:24	-----	0.0	0.0
51	02/26/2009	10:25	-----	0.0	0.1
52	02/26/2009	10:26	-----	0.0	0.1
53	02/26/2009	10:27	-----	0.0	0.0
54	02/26/2009	10:28	-----	0.0	0.1
55	02/26/2009	10:29	-----	0.0	0.0
56	02/26/2009	10:30	-----	0.0	0.0
57	02/26/2009	10:31	-----	0.0	0.3

58	02/26/2009 10:32	-----	0.0	0.3
59	02/26/2009 10:33	-----	0.0	0.0
60	02/26/2009 10:34	-----	0.0	0.0
61	02/26/2009 10:35	-----	0.0	0.0
62	02/26/2009 10:36	-----	0.0	0.0
63	02/26/2009 10:37	-----	0.0	0.0
64	02/26/2009 10:38	-----	0.0	0.0
65	02/26/2009 10:39	-----	0.0	0.0
66	02/26/2009 10:40	-----	0.0	0.2
67	02/26/2009 10:41	-----	0.0	0.0
68	02/26/2009 10:42	-----	0.0	0.0
69	02/26/2009 10:43	-----	0.0	0.1
70	02/26/2009 10:44	-----	0.0	0.0
71	02/26/2009 10:45	-----	0.0	0.1
72	02/26/2009 10:46	-----	0.0	0.0
73	02/26/2009 10:47	-----	0.0	0.1
74	02/26/2009 10:48	-----	0.0	0.0
75	02/26/2009 10:49	-----	0.0	0.0
76	02/26/2009 10:50	-----	0.0	0.0
77	02/26/2009 10:51	-----	0.0	0.0
78	02/26/2009 10:52	-----	0.0	0.0
79	02/26/2009 10:53	-----	0.0	0.0
80	02/26/2009 10:54	-----	0.0	0.0
81	02/26/2009 10:55	-----	0.0	0.0
82	02/26/2009 10:56	-----	0.0	0.0
83	02/26/2009 10:57	-----	0.0	0.0
84	02/26/2009 10:58	-----	0.0	0.0
85	02/26/2009 10:59	-----	0.0	0.0
86	02/26/2009 11:00	-----	0.0	0.0
87	02/26/2009 11:01	-----	0.0	0.0
88	02/26/2009 11:02	-----	0.0	0.0
89	02/26/2009 11:03	-----	0.0	0.0
90	02/26/2009 11:04	-----	0.0	0.2
91	02/26/2009 11:05	-----	0.0	0.1
92	02/26/2009 11:06	-----	0.1	0.6
93	02/26/2009 11:07	-----	0.0	0.0
94	02/26/2009 11:08	-----	0.0	0.1
95	02/26/2009 11:09	-----	0.0	0.1
96	02/26/2009 11:10	-----	0.0	0.1
97	02/26/2009 11:11	-----	0.0	0.1
98	02/26/2009 11:12	-----	0.0	0.0
99	02/26/2009 11:13	-----	0.0	0.0
100	02/26/2009 11:14	-----	0.0	0.0
101	02/26/2009 11:15	-----	0.0	0.0
102	02/26/2009 11:16	-----	0.0	0.0
103	02/26/2009 11:17	-----	0.0	0.0
104	02/26/2009 11:18	-----	0.0	0.0
105	02/26/2009 11:19	-----	0.0	0.0
106	02/26/2009 11:20	-----	0.0	0.0
107	02/26/2009 11:21	-----	0.0	0.0
108	02/26/2009 11:22	-----	0.0	0.6
109	02/26/2009 11:23	-----	0.1	1.9
110	02/26/2009 11:24	-----	0.4	1.1
111	02/26/2009 11:25	-----	1.1	4.2
112	02/26/2009 11:26	-----	3.1	5.7
113	02/26/2009 11:27	-----	1.5	2.8
114	02/26/2009 11:28	-----	1.6	5.7
115	02/26/2009 11:29	-----	1.8	4.5
116	02/26/2009 11:30	-----	0.8	1.5
117	02/26/2009 11:31	-----	1.6	6.7
118	02/26/2009 11:32	-----	1.6	3.7
119	02/26/2009 11:33	-----	1.0	2.0
120	02/26/2009 11:34	-----	1.4	2.4
121	02/26/2009 11:35	-----	0.7	1.6
122	02/26/2009 11:36	-----	1.7	2.4
123	02/26/2009 11:37	-----	0.7	1.8
124	02/26/2009 11:38	-----	0.7	1.2
125	02/26/2009 11:39	-----	0.4	1.6

126	02/26/2009 11:40	-----	0.2	0.9
127	02/26/2009 11:41	-----	0.1	0.7
128	02/26/2009 11:42	-----	0.3	0.9
129	02/26/2009 11:43	-----	0.1	0.5
130	02/26/2009 11:44	-----	0.1	0.4
131	02/26/2009 11:45	-----	0.1	0.5
132	02/26/2009 11:46	-----	0.1	0.8
133	02/26/2009 11:47	-----	0.1	0.5
134	02/26/2009 11:48	-----	0.1	0.4
135	02/26/2009 11:49	-----	0.3	0.7
136	02/26/2009 11:50	-----	0.0	0.1
137	02/26/2009 11:51	-----	0.1	0.5
138	02/26/2009 11:52	-----	0.3	1.8
139	02/26/2009 11:53	-----	0.2	1.2
140	02/26/2009 11:54	-----	0.1	0.5
141	02/26/2009 11:55	-----	0.1	0.8
142	02/26/2009 11:56	-----	0.0	0.3
143	02/26/2009 11:57	-----	0.0	0.6
144	02/26/2009 11:58	-----	0.0	0.4
145	02/26/2009 11:59	-----	0.0	0.3
146	02/26/2009 12:00	-----	0.1	0.9
147	02/26/2009 12:01	-----	0.1	0.7
148	02/26/2009 12:02	-----	0.0	0.3
149	02/26/2009 12:03	-----	0.1	0.5
150	02/26/2009 12:04	-----	0.3	2.3
151	02/26/2009 12:05	-----	0.0	0.1
152	02/26/2009 12:06	-----	0.0	0.2
153	02/26/2009 12:07	-----	0.0	0.0
154	02/26/2009 12:08	-----	0.0	0.1
155	02/26/2009 12:09	-----	0.0	0.0
156	02/26/2009 12:10	-----	0.0	0.3
157	02/26/2009 12:11	-----	0.0	0.2
158	02/26/2009 12:12	-----	0.0	0.3
159	02/26/2009 12:13	-----	0.0	0.2
160	02/26/2009 12:14	-----	0.0	0.3
161	02/26/2009 12:15	-----	0.0	0.4
162	02/26/2009 12:16	-----	0.1	0.4
163	02/26/2009 12:17	-----	0.0	0.3
164	02/26/2009 12:18	-----	0.0	0.5
165	02/26/2009 12:19	-----	0.3	0.9
166	02/26/2009 12:20	-----	0.1	0.4
167	02/26/2009 12:21	-----	0.0	0.4
168	02/26/2009 12:22	-----	0.0	0.2
169	02/26/2009 12:23	-----	0.0	0.2
170	02/26/2009 12:24	-----	0.2	0.6
171	02/26/2009 12:25	-----	0.0	0.6
172	02/26/2009 12:26	-----	0.1	0.5
173	02/26/2009 12:27	-----	0.1	0.3
174	02/26/2009 12:28	-----	0.0	0.4
175	02/26/2009 12:29	-----	0.0	0.2
176	02/26/2009 12:30	-----	0.0	0.0
177	02/26/2009 12:31	-----	0.0	0.3
178	02/26/2009 12:32	-----	0.0	0.1
179	02/26/2009 12:33	-----	0.0	0.1
180	02/26/2009 12:34	-----	0.0	0.1
181	02/26/2009 12:35	-----	0.0	0.1
182	02/26/2009 12:36	-----	0.0	0.3
183	02/26/2009 12:37	-----	0.0	0.0
184	02/26/2009 12:38	-----	0.0	0.1
185	02/26/2009 12:39	-----	0.0	0.1
186	02/26/2009 12:40	-----	0.0	0.0
187	02/26/2009 12:41	-----	0.0	0.1
188	02/26/2009 12:42	-----	0.0	0.0
189	02/26/2009 12:43	-----	0.0	0.0
190	02/26/2009 12:44	-----	0.0	0.0
191	02/26/2009 12:45	-----	0.0	0.0
192	02/26/2009 12:46	-----	0.0	0.1
193	02/26/2009 12:47	-----	0.0	0.1

194	02/26/2009	12:48	-----	0.0	0.2
195	02/26/2009	12:49	-----	0.0	0.1
196	02/26/2009	12:50	-----	0.1	0.4
197	02/26/2009	12:51	-----	0.0	0.2
198	02/26/2009	12:52	-----	0.0	0.0
199	02/26/2009	12:53	-----	0.0	0.0
200	02/26/2009	12:54	-----	0.0	0.0
201	02/26/2009	12:55	-----	0.0	0.1
202	02/26/2009	12:56	-----	0.0	0.0
203	02/26/2009	12:57	-----	0.0	0.1
204	02/26/2009	12:58	-----	0.0	0.1
205	02/26/2009	12:59	-----	0.1	0.6
206	02/26/2009	13:00	-----	0.1	0.9
207	02/26/2009	13:01	-----	0.0	0.6
208	02/26/2009	13:02	-----	0.4	1.5
209	02/26/2009	13:03	-----	0.7	2.9
210	02/26/2009	13:04	-----	0.2	0.7
211	02/26/2009	13:05	-----	0.6	1.1
212	02/26/2009	13:06	-----	0.2	1.0
213	02/26/2009	13:07	-----	0.1	0.7
214	02/26/2009	13:08	-----	0.3	0.6
215	02/26/2009	13:09	-----	0.3	0.9
216	02/26/2009	13:10	-----	0.4	1.1
217	02/26/2009	13:11	-----	0.2	0.6
218	02/26/2009	13:12	-----	0.3	0.5
219	02/26/2009	13:13	-----	0.1	0.3
220	02/26/2009	13:14	-----	0.0	0.3
221	02/26/2009	13:15	-----	0.2	1.1
222	02/26/2009	13:16	-----	0.9	1.8
223	02/26/2009	13:17	-----	2.1	7.4
224	02/26/2009	13:18	-----	0.4	2.5
225	02/26/2009	13:19	-----	2.4	9.2
226	02/26/2009	13:20	-----	2.0	3.8
227	02/26/2009	13:21	-----	0.7	1.5
228	02/26/2009	13:22	-----	0.2	0.7
229	02/26/2009	13:23	-----	0.2	0.6
230	02/26/2009	13:24	-----	0.5	1.5
231	02/26/2009	13:25	-----	0.4	2.2
232	02/26/2009	13:26	-----	0.7	2.6
233	02/26/2009	13:27	-----	0.9	2.8
234	02/26/2009	13:28	-----	0.1	0.3
235	02/26/2009	13:29	-----	0.0	0.1
236	02/26/2009	13:30	-----	0.0	0.0
237	02/26/2009	13:31	-----	0.0	0.1
238	02/26/2009	13:32	-----	0.0	0.1
239	02/26/2009	13:33	-----	0.0	0.0
240	02/26/2009	13:34	-----	0.0	0.0
241	02/26/2009	13:35	-----	0.0	0.0
242	02/26/2009	13:36	-----	0.0	0.0
243	02/26/2009	13:37	-----	0.2	1.4
244	02/26/2009	13:38	-----	0.2	0.8
245	02/26/2009	13:39	-----	0.1	0.7
246	02/26/2009	13:40	-----	0.1	0.5
247	02/26/2009	13:41	-----	0.4	1.3
248	02/26/2009	13:42	-----	0.2	0.6
249	02/26/2009	13:43	-----	0.0	0.3
250	02/26/2009	13:44	-----	0.0	0.2
251	02/26/2009	13:45	-----	0.0	0.2
252	02/26/2009	13:46	-----	0.0	0.2
253	02/26/2009	13:47	-----	0.0	0.2
254	02/26/2009	13:48	-----	0.0	0.1
255	02/26/2009	13:49	-----	0.0	0.2
256	02/26/2009	13:50	-----	0.0	0.2
257	02/26/2009	13:51	-----	0.0	0.6
258	02/26/2009	13:52	-----	0.4	2.3
259	02/26/2009	13:53	-----	1.1	4.1
260	02/26/2009	13:54	-----	0.8	4.3
261	02/26/2009	13:55	-----	0.0	0.2

262	02/26/2009 13:56	-----	0.0	0.3
263	02/26/2009 13:57	-----	0.1	0.5
264	02/26/2009 13:58	-----	0.0	0.3
265	02/26/2009 13:59	-----	0.0	0.3
266	02/26/2009 14:00	-----	0.0	0.2
267	02/26/2009 14:01	-----	0.1	0.3
268	02/26/2009 14:02	-----	0.0	0.0
269	02/26/2009 14:03	-----	0.0	0.0
270	02/26/2009 14:04	-----	0.0	0.0
271	02/26/2009 14:05	-----	0.0	0.0
272	02/26/2009 14:06	-----	0.0	0.0
273	02/26/2009 14:07	-----	0.0	0.0
274	02/26/2009 14:08	-----	0.0	0.2
275	02/26/2009 14:09	-----	0.0	0.0
276	02/26/2009 14:10	-----	0.0	0.0
277	02/26/2009 14:11	-----	0.0	0.0
278	02/26/2009 14:12	-----	0.0	0.0
279	02/26/2009 14:13	-----	0.0	0.0
280	02/26/2009 14:14	-----	0.0	0.0
281	02/26/2009 14:15	-----	0.0	0.0
282	02/26/2009 14:16	-----	0.0	0.0
283	02/26/2009 14:17	-----	0.0	0.0
284	02/26/2009 14:18	-----	0.0	0.0
285	02/26/2009 14:19	-----	0.0	0.0
286	02/26/2009 14:20	-----	0.0	0.0
287	02/26/2009 14:21	-----	0.0	0.0
288	02/26/2009 14:22	-----	0.0	0.0
289	02/26/2009 14:23	-----	0.0	0.0
290	02/26/2009 14:24	-----	0.0	0.0
291	02/26/2009 14:25	-----	0.0	0.0
292	02/26/2009 14:26	-----	0.0	0.0
293	02/26/2009 14:27	-----	0.0	0.0
294	02/26/2009 14:28	-----	0.0	0.0
295	02/26/2009 14:29	-----	0.0	0.0
296	02/26/2009 14:30	-----	0.0	0.0
297	02/26/2009 14:31	-----	0.0	0.0
298	02/26/2009 14:32	-----	0.0	0.0
299	02/26/2009 14:33	-----	0.0	0.0
300	02/26/2009 14:34	-----	0.0	0.0
301	02/26/2009 14:35	-----	0.0	0.0
302	02/26/2009 14:36	-----	0.0	0.0
303	02/26/2009 14:37	-----	0.0	0.0
304	02/26/2009 14:38	-----	0.0	0.0
305	02/26/2009 14:39	-----	0.0	0.0
306	02/26/2009 14:40	-----	0.0	0.0
307	02/26/2009 14:41	-----	0.0	0.0
308	02/26/2009 14:42	-----	0.0	0.0
309	02/26/2009 14:43	-----	0.0	0.0
310	02/26/2009 14:44	-----	0.0	0.0
311	02/26/2009 14:45	-----	0.0	0.0
312	02/26/2009 14:46	-----	0.0	0.0
313	02/26/2009 14:47	-----	0.0	0.0
314	02/26/2009 14:48	-----	0.0	0.0
315	02/26/2009 14:49	-----	0.0	0.0
316	02/26/2009 14:50	-----	0.0	0.0
317	02/26/2009 14:51	-----	0.0	0.0
318	02/26/2009 14:52	-----	0.0	0.0
319	02/26/2009 14:53	-----	0.0	0.0
320	02/26/2009 14:54	-----	0.0	0.0
321	02/26/2009 14:55	-----	0.0	0.0
322	02/26/2009 14:56	-----	0.0	0.0
323	02/26/2009 14:57	-----	0.0	0.0
324	02/26/2009 14:58	-----	0.0	0.0
325	02/26/2009 14:59	-----	0.0	0.0
326	02/26/2009 15:00	-----	0.0	0.0
327	02/26/2009 15:01	-----	0.0	0.0
328	02/26/2009 15:02	-----	0.0	0.0
329	02/26/2009 15:03	-----	0.0	0.0

330	02/26/2009 15:04	-----	0.0	0.0
331	02/26/2009 15:05	-----	0.0	0.0
332	02/26/2009 15:06	-----	0.0	0.0
333	02/26/2009 15:07	-----	0.0	0.0
334	02/26/2009 15:08	-----	0.0	0.0
335	02/26/2009 15:09	-----	0.0	0.0
336	02/26/2009 15:10	-----	0.0	0.0
337	02/26/2009 15:11	-----	0.0	0.0
338	02/26/2009 15:12	-----	0.0	0.0
339	02/26/2009 15:13	-----	0.0	0.0
340	02/26/2009 15:14	-----	0.0	0.0
341	02/26/2009 15:15	-----	0.0	0.0
342	02/26/2009 15:16	-----	0.0	0.0
343	02/26/2009 15:17	-----	0.0	0.0
344	02/26/2009 15:18	-----	0.0	0.0
345	02/26/2009 15:19	-----	0.0	0.0
346	02/26/2009 15:20	-----	0.0	0.0
347	02/26/2009 15:21	-----	0.0	0.0
348	02/26/2009 15:22	-----	0.0	0.0
349	02/26/2009 15:23	-----	0.0	0.0
350	02/26/2009 15:24	-----	0.0	0.0
351	02/26/2009 15:25	-----	0.0	0.0
352	02/26/2009 15:26	-----	0.0	0.0
353	02/26/2009 15:27	-----	0.0	0.0
354	02/26/2009 15:28	-----	0.0	0.0
355	02/26/2009 15:29	-----	0.0	0.0
356	02/26/2009 15:30	-----	0.0	0.0
357	02/26/2009 15:31	-----	0.0	0.0
358	02/26/2009 15:32	-----	0.0	0.0
359	02/26/2009 15:33	-----	0.0	0.0
360	02/26/2009 15:34	-----	0.0	0.0

APPENDIX G

PROJECT PHOTO LOG

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: Site building and canopy (Looking East)

Photo 2: Site building and canopy (Looking Northeast)

Photo 3: Site after demolition (Looking East)

Photo 4: Site after demolition (Looking Northeast)

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: Beginning IRM excavation (Looking Southeast)

Photo 6: Excavation of impacted Soils

Photo 7: Groundwater treatment system (Looking North)

Photo 8: UST excavation

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: UST removal (Looking Southeast)

Photo 10: UST removal (Looking South)

Photo 11: UST excavated pit (Looking West)

Photo 12: UST excavation

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13: Excavation in progress (Looking North)

Photo 14: Excavation (Looking Southwest)

Photo 15: Excavation (Looking North)

Photo 16: Backfill preparation (Looking Northwest))

SITE PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 19:

Photo 20:

Photo 17: Backfill (Looking Southwest)

Photo 18: Backfill and compaction (Looking Northeast)

Photo 19: Backfill (Looking Northwest)

Photo 20: Backfill (Looking South)

APPENDIX H

SOIL/WASTE CHARACTERIZATION AND DISPOSAL DOCUMENTATION

Appendix H1 *Disposal Facility Approval Letters*
Appendix H2 *Waste Manifests, Disposal Receipts, and Bills of Lading*

APPENDIX H1

DISPOSAL FACILITY APPLICATION & APPROVAL LETTERS

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

Alexander B. Grannis
Commissioner

February 25, 2009

Mr. Michael Gullo
Modern Landfill, Inc
P. O. Box 209
Model City, NY 14107

Dear Mr. Gullo:

1093 Group L.L.C.
295 Main Street, Suite 210
Buffalo, New York 14201
Application #MO9-2297
Petroleum Contaminated Soils from
511-517 Niagara Street Brownfield Cleanup
Site C9152
NYSDEC Spill #0375039

The Department has reviewed your application requesting permission to dispose of the above waste. Based on the information supplied and discussions with NYSDEC's Bill Murray, this waste **is acceptable for disposal in your landfill as a one time occurrence.** It is understood that the NYSDEC inspector, Kevin Glaser, will be present during excavation to segregate any uncharacteristic material encounter for additional characterization. Other waste streams will be reviewed under separate application.

In the event that significant changes in the information presented on this application occur, you shall immediately notify this Department in writing.

Enclosed is a copy of the approved application. If you have any questions please contact me at 284-4620 or 754-8226, ext. 233.

Sincerely,

Diana K. Hare
HW Monitor II

DKH:dcg
hare/gullo-feb1.ltr

Enclosure

cc: Mr. Mark Hans, P.E., Regional Solid Materials Engineer

47-19-7 (10/86) - Text 12
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDSOU WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO. 32N30	APPLICATION NO. M09-2297	DATE RECEIVED 2-12-09
DEPARTMENT ACTION ☒ Approved ☐ Disapproved		DATE 2-13-09

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

Diana Kitten
one time only

1. NAME OF PROJECT/FACILITY: MODERN LANDFILL, INC.	2. COUNTY: NIAGARA	3. SITE NUMBER: 32N30
4. NAME OF OWNER: RICHARD WASHUTA	5. ADDRESS (Street, City, State, Zip Code): 4746 Model City Road, Model City, NY 14107	6. TELEPHONE NO.: (716) 754-8226
6. NAME OF OPERATOR: RICHARD WASHUTA	8. ADDRESS (Street, City, State, Zip Code): Pletcher & Harold Road, Model City, NY 14107	9. TELEPHONE NO.: (716) 754-8226

10. METHOD OF TREATMENT OR DISPOSAL

SANITARY LANDFILL - D90
— Ellicott Development Co, 511 — & Penn.

11. COMPANY GENERATING WASTE: 1093 Group LLC.	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code): 517 Niagara St. Buffalo NY 14201	
13. REPRESENTATIVE OF WASTE GENERATOR: Corey Stewart	14. MAILING ADDRESS OF REPRESENTATIVE: 295 Main Street Ste 210	15. TELEPHONE NO.: (716) 854-0600

16. DESCRIPTION OF PROCESS PRODUCING WASTE
One-time excavation of petroleum impacted soils related to remedial measures taken as part of Brownfield Cleanup Site C915...

17. EXPECTED ANNUAL WASTE PRODUCTION: 3000 Tons/Year ___ Gallons/Year — one time occurance

18. WASTE HAULED IN: ☐ Drums ☐ Bulk Tank ☐ Roll-Off Container ☒ Other Dump Trucks

19. WASTE COMPOSITION
19A. Average Percent Solids 99.5%
19b. Physical State: ☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas
19c. pH Range ___ to ___

19d.

	COMPONENTS	Upper	Lower	Typical	Wt. %	ppm
1)	Soil	100	99.5	>99.5	☒	☐
2)	Petroleum Hydrocarbons (Waste)	0.5	0	<0.5	☒	☐
3)					☐	☐
4)					☐	☐

(CONCENTRATION (Dry Weight); UNIT (Check One))

20. IS AN ANALYSIS OF WASTE ATTACHED? ☒ Yes ☐ No
21. WAS A TCLP TEST CONDUCTED ON THE WASTE? ☒ Yes ☐ No If "yes", attach results
22. MATERIAL IS: ☐ Hazardous ☒ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment and disposal precautions.
Slight to moderate petroleum odor Waste No - N011
600 T of added soils 6-26-09
Marrano's service station has links to this property due to location - 521 and 517 has been managed as "one site"
NYSDEC : Bill Murray Spill # 0375039

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY? N/A

25. NAME OF WASTE TRANSPORTER: Zoladz Trucking	26. ADDRESS (Street, City, State, Zip Code): 13600 Railroad St Alden NY 14004	27. NYSDEC PERMIT No.: 9A-499	28. TELEPHONE NO.: 937-6575

29. CERTIFICATION
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR: [signature] — Ellicott Development Co. General Mgr.	DATE: 2-10-09
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY: [signature] — Waste Approval Coordinator	DATE: 02/11/09

June 26, 2009

Ms. Diane Hare
NYSDEC
270 Michigan Avenue
Buffalo, NY 14203

Re: Waste Approval Modification- Tonnage Increase
1093 Group LLC, 511-517 Niagara Street
Disposal of Excavated Soils from Brownfield Cleanup
Waste Application No.-M09-2297, NYSDEC Site No. C9152-
Spill No. 0375039

Dear Ms. Hare:

Based on our discussion with Efrat Forgette from the NYSDEC Region 9 Office, Modern Landfill is requesting permission to receive approximately seven hundred (700) additional tons under above referenced approval. The latest analysis for these soils indicates the material is acceptable for disposal in Part 360 Landfill. Therefore, based on this information and discussion with Efrat Forgette, this material should be acceptable for disposal at Modern under Waste Approval M09-2297.

Providing this meets with department approval, please modify your records to reflect this change on a one time only basis, I've included a copy of the waste approval for your use.

If you have any questions, please contact me at 716 754-8226 ext.216.

Sincerely,

Michael W. Gullo
Waste Approval Coordinator
MODERN LANDFILL, INC.

MG/hc

CC: Brian Hanaka (MDS) w/o attachments

MODERN CORPORATION

■ 4746 Model City Road, P.O. Box 209, Model City, NY 14107-0209
■ 716-754-8226 ■ 1-800-662-0012 ■ Fax: 716-754-8964

June 26, 2009

Mr. Mike Gullo
Modern Landfill, Inc.
P.O. Box 209
Model City, New York 14107

Dear Mr. Gullo:

1093 Group
295 main Street
Buffalo, New York 14201
Application No. M09-2297
Petroleum Contaminated Soils from Excavation
511-517 Niagara Street Brownfield Cleanup
Site C9152
NYSDEC Spill #0375039
Addition 1000T of Excavated Soil

The Department has reviewed your application requesting permission to increase accepted tonnage by 1000 T . Based on the information supplied, and discussion with Efrat Forget this added waste **is acceptable for disposal in your landfill as a one time occurrence**. Other waste streams will be reviewed under separate applications.

In the event that significant changes in the information presented in this application occurs, you will immediately notify the Department in writing.

Enclosed is a copy of the approved application. If you have any question, please contact me at (716) - 851-7220/(716)-754-8226 ext. 233.

Sincerely,

Diana K. Hare
HW monitor II

Mike Lesakowski

From: Brian Hanaka [brianh@modern-corp.com]
Sent: Friday, June 26, 2009 2:30 PM
To: Michael Lesakowski
Cc: cstewart@ellicottdevelopment.com

Mike,

We got it done.

This request to accept additional soils from this site is approved, the application number is M09-2297.

Brian R. Hanaka
Account Executive

Modern Disposal Services
Modern Landfill, Inc
800.662.0012 Phone
716.754.8964 Fax
716.417.9086 Cell

Mike Lesakowski

From: Brian Hanaka [brianh@modern-corp.com]
Sent: Friday, March 06, 2009 8:40 AM
To: Mike Lesakowski
Subject: RE: 517 Niagara Street
Attachments: image002.png

Mike,

I met with Diana from the DEC and we are all set on lift the soils, we will use the same approval number and I only ask you have site write lift soils on your ticket, just in case you need to identify those loads.

Thanks
Brian

-----Original Message-----
From: Mike Lesakowski [mailto:mlesakowski@turnkeyllc.com]
Sent: Wednesday, March 04, 2009 1:31 PM
To: brianh@modern-corp.com
Subject: 517 Niagara Street

Brian,

What's the word on the waste profile for 517 Niagara?

Mike

Mike Lesakowski
Project Manager

Benchmark Environmental Engineering and Science, PLLC
TurnKey Environmental Restoration, LLC
Larkin at Exchange
726 Exchange Street, Suite 624
Buffalo, New York 14210
Phone: (716) 856-0635 Ext. 25
Facsimile: (716) 856-0583
E-mail: **mlesakowski@turnkeyllc.com**

NORLITE CORPORATION
628 SOUTH SARATOGA STREET
P.O. BOX 694 COHOES, NY 12047
TELEPHONE (518) 235-0401
FAX (518) 235-0233

"An Equal Opportunity Employer"

March 6, 2009

Mr. Steve Rinker
NYETECH
P.O. Box 24398
Rochester, NY 14624

P20090306CS1
Phone: (585) 436-5660
Email: srinker@nye-tech.com
Fax: (585) 436-6139

Dear Mr. Rinker:

Norlite Corporation is pleased to provide the following quote on waste streams submitted for review and treatment at our facility:

Approval Code	Generator/Material	Price/Gallon
P030509002LH	1093 Group LLC Used Engine Oil	$1.25/gallon; $500.00 minimum load charge
Tanker Rinse out:	**$175.00**	

Comments

- Pricing is based on the material being received at our facilities matching the waste profile. Customer will pay the cost of additional analysis and off specification charges if the material does not match the approved profile.
- Unless otherwise noted, taxes and fees will be added to the prices specified above.
- Surcharges for fuel, commodities and/or insurance may apply.
- Customer agrees to compensate United in accordance with United's published rate schedule for any litigation support or testimony provided by United in connection with the work performed by United.
- Minimum load charges may apply.

Credit Terms

Payments are due thirty (30) days from the date of invoice. Customer shall pay a service charge of 1.5% per month on any amount not paid when due. In the event of default, Customer will be responsible for all costs of collection including a reasonable attorneys' fee. Credit is subject to approval by our credit department.

To request that this work be scheduled, or if you have questions about this proposal or any of our services, please contact our Customer Service Department at (518) 235-0401 ext. 4029. Prices quoted are valid for 90 days only.

Sincerely,

Charlie Story
Vice President
Business Development
Cstory@unitedindustrialservices.com

Visit us on the Web:
www.unitedindustrialservices.com

CS/jb

Amy Minster

From: Melissa Watson [MWatson@cyclechem.com]
Sent: Friday, March 20, 2009 11:40 AM
To: Amy Minster
Subject: 1093 Group, LLC QuoteLetter_1.doc

March 20,2009

Amy Minster
NYETECH
PO BOX 24398
ROCHESTER, NY 14624

Re: Hazardous Waste Disposal/Pricing for 1093 Group, LLC 517 Niagra Street Buffalo NY 14201
(Generator # 710617)

Dear Amy Minster:

As directed by 40 CFR 264.12(b) and Cycle Chem, Inc.'s hazardous waste permit, Cycle Chem, Inc. hereby informs you that the waste streams referenced below have been granted pre-acceptance approval.

Cycle Chem, Inc. is permitted, is capable, has capacity and is willing to accept your waste, provided it conforms to the Material Profile Sheet upon which the pre-acceptance approval was granted.

This document is important. Please file it for safekeeping. A copy is also held at the Cycle Chem, Inc. facility.

USED ENGINE OIL Seq-A Product-OW

Pricing: $55.00 per 55 G DM

Terms: > .1% OIL; PUMPABLE; NON RCRA; < 1000 PPM HALOGENS, 1000- 4000 REBUT LETTER; FP > 100F; < 50 PPM SURFACTANTS; < 20 PPM PHENOL; SURCHARGES FOR SOLIDS > 5%.

Shipping Name: NON RCRA/ NON DOT LIQUIDS N.O.S. (USED OIL)
Class: ID No. RQ.
USEPA Haz Codes:

Ultimate Treatment: RECYCLING/WASTEWATER TREATMENT
Final Facility: ENVIRONMENTAL RECOVERY CORP.

If you have any questions regarding this proposal, please contact your Technical Representative, Todd Meyer, at (717) 938-4700.

This quote shall be deemed made In the State of Pennsylvania and shall be interpreted under the laws of said State and the customer recognizes and consents to the jurisdiction over him/her/it of the courts of the State of Pennsylvania. This quote supersedes all prior communication and contains the entire agreement between the parties including all expressed or implied warranties. No alterations or modifications of the quote shall be valid unless In writing and signed by both parties to this quote. Payment terms are net 30 days.

Acceptance of Proposal - I have received and agree to the CCI terms and conditions. The rates, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Signature:_____ Date of Acceptance:_____ PO#_____

APPENDIX H2

WASTE MANIFESTS, DISPOSAL RECEIPTS, AND BILLS OF LADING

(CD ENCLOSED)

APPENDIX I

LABORATORY ANALYTICAL DATA REPORTS (CD ENCLOSED)

APPENDIX J

DATA USABILITY SUMMARY REPORT

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
Facsimile 518-251-4428

July 2, 2009

Mike Lesakowski
Benchmark Engineering
726 Exchange St. Suite 624
Buffalo, NY 14210

RE: Niagara and Pennsylvania site
Data Usability Summary Report (DUSR)
TestAmerica-CT SDG Nos. 220-8144, 220-8156, 20-8166, 220-8184, 220-8201, 220-8338, 220-8478, 220-8677, and 220-8775
TestAmerica-Buffalo SDG Nos. RSB0683, RSC0279, RSC0706, RSD0224, and RSD0535

Dear Mr. Lesakowski:

Review has been completed for the data packages generated by TestAmerica Laboratories (TAL) that pertain to samples collected 02/20/09 through 04/14/09 at the Niagara and Pennsylvania site. Eight soil samples were processed for STARS volatiles, STARS semivolatiles, lead and tetraethyl lead (TEL). Six soil samples were processed for TCL+STARS volatiles and semivolatiles, lead, and TEL. Two of those samples and a field duplicate were also processed for TCL pesticides, PCBs, and three herbicides. Four soil samples and a field duplicate were processed for TCL+STARS volatiles and semivolatiles, and TAL metals. Two of those were also processed for TCL pesticides, PCBs, and three herbicides; another was also processed for PCBs. Five aqueous samples and a field duplicate were processed for TCL volatiles and semivolatiles. All but one of those were also processed for PCBs and TAL metals; the other sample was also processed for total lead. Two of the soil samples and a blind duplicate were processed for herbicides at both TAL-Buffalo and TAL-Canton. Methodologies utilized are those of the USEPA SW846 6000/7000/8000. All but the herbicide and TEL analyses were subcontracted to TAL-CT.

The data packages submitted contained full deliverables for validation, but this usability report is primarily generated from review of the summary form information, with full 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, using guidance from the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, with consideration of the requirements of the project QAPP and the specific methodologies. The following items were reviewed:

* Laboratory Narrative Discussion
* Case Narratives
* Custody Documentation
* Holding Times

* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlations
* Preparation/Calibration Blanks
* Matrix Spiked Blanks/Laboratory Control Samples
* Instrumental Tunes
* Calibration/CRI Standards
* ICP Interference Check Standards
* ICP Serial Dilution Correlations
* Method Compliance
* Sample Result Verification

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 this level of review.

In summary, most results for the samples are usable as reported, or usable with minor qualification due to sample matrix or to processing outliers. However, TEL results in four samples are not usable due to laboratory processing.

Copies of the laboratory sample identifications and laboratory case narratives are attached to this text, and should be reviewed in conjunction with this report. Also included with this report are validation qualifier definitions and qualified client results tables/laboratory forms.

The following text discusses quality issues of concern.

Blind Field Duplicates

Blind field duplicate evaluations were performed for various analytical fractions on SW-5, SW-7, B-4, and MW-5.

Correlations are acceptable, with the following exceptions, results of which are qualified as estimated in value in the parent sample and duplicate:

TCL Volatiles by EPA 8260B

F-2 showed inconsistent results for benzene in two different analyses. The initial result well exceeded the linear range of the instrument (the inaccurate quantitation concentration is 550 ug/L). The sample should have been reanalyzed at dilution, but was logged as being analyzed again undiluted. That value was 49 ug/L. The initial result for benzene is used, but qualified as estimated due to response outside the established linear range.

The detections of methylene chloride in samples reported in 220-8156, 220-8184, and Clean Soil Pile 1 are considered external contamination, and are edited to reflect non-detection, due to presence in associated method blanks. The detection of chloroform in MW-1 is similarly considered and edited due to presence in the associated method blank. Although not found in the aqueous blank, and therefore not qualifierd, the detection of methylene chloride in MW-1 is suspect as being external contamination.

Results for the following detected analytes are qualified as tentative in identification and estimated in value due to poor mass spectral quality (matrix interferences):

- sec-butylbenzene and 4-isopropyltoluene in SW-1
- t-butylbenzene, 1,2,4-trimethylbenzene, and 4-isopropyltoluene in SW-3
- acetone and 2-butanone in SW-5
- sec-butylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and naphthalene in SW-9
- m,p-xylene, t-butylbenzene, n-butylbenzene, 1,3,5-trimethylbenzene, and 4-isopropyltoluene in SW-10

Results for the following detected analytes are edited to reflect non-detection due to very poor mass spectral quality (matrix interferences):

- toluene in SW-3
- t-butylbenzene in F-5
- o-xylene in SW-8
- naphthalene in SW-10
- 2-butanone in MW-1

Surrogate recoveries and internal standard responses are within required ranges. Instrument tunes meet protocol requirements.

The calibration standard responses are within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- dichlorodifluoromethane (83%D) and chloromethane (32%D) in Clean Soil Pile 1
- isopropyl alcohol (25%D) and 1,3,5-trimethylbenzene (25%D) in samples reported in 220-8156
- 4-isopropyltoluene, sec-butylbenzene, 1,2,4-trimethylbenene,, t-butyl alcohol, 1,3,5-trimethylbenzene, 4-ethyltoluene, isopropyl benzene, n-propylbenzene, and naphthalene (22%D to 26%D) in F-4, SW-8, and SW-9
- m,p-xylene (24%RSD) in samples reported in 220-8775

Samples matrix spikes (MS/MSD) were performed on B-4, SW-10, and MW-4. Recoveries and duplicate correlations are acceptable, with the following exceptions, results for which are qualified as estimated in the parent sample:

- carbon disulfide (75% and 77%) and chloromethane (63% and 68%) in B-4
- ethylbenzene, m,p-xylene, and o-xylene (64% to 66%) in SW-10
- m,p-xylene (122% and 121%) in MW-4

The following results are qualified as estimated due to outlying LCS recoveries:

- carbon disulfide (67%) and tetrachloroethene (66%) in Clean Pile Soil #1
- acetone (153%) detections in the aqueous samples
- the detection of MTBE (131%) in sample SW-7
- bromomethane (74%) in Clean Soil Pile 1

Naphthalene was reported in the data package as a target analyte in both the volatile and semivolatile fractions.

TCL Semivolatile (SVOA) and Tetraethyl Lead (TEL) Analyses by EPA8270C

TEL data show inconsistent and often low recoveries in the spiked controls, indicating a processing problem with recovery of the analyte. The following outliers, and resulting qualifications are indicated:

- results for TEL in the samples collected 2/20/09 are rejected, not usable, due to lack of recovery in one of the associated spiked controls (LCSs).
- the single TEL LCS associated with two samples collected 2/26/09 also showed a recovery below 10% (8%). Those samples were re-extracted, with one LCS showing a low recovery of 36%; 76%RPD. Results for TEL in those two samples have been qualified as estimated.
- the TEL LCSs associated with samples collected 2/23/009 recovered at 10% and 172%. The results for TEL in those samples have been qualified as estimated.

The detections of bis(2-ethylhexyl)phthalate in samples reported in 220-8478 are considered external contamination, and are edited to reflect non-detection, due to presence in associated method blank.

Results for the following detected analytes are qualified as tentative in identification and estimated in value due to poor mass spectral quality (matrix interferences):

- fluorene and benzo(a)anthracene in SW-3
- fluoranthen+e and benzo(k)fluoranthene in SW-9
- 2-methylnapththalene in MW-1

The calibration standard responses are within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- caprolactum (30%RSD) in samples reported in 220-8478
- benzaldehyde (41%RSD) in samples reported in 220-8677
- benzoic acid (27%RSD), 4-chloroaniline (34%D), and 3,3'-dichlorobenzidine (28%D) in samples reported in 220-8775
- TEL (31%D) in samples collected 2/25/09

Surrogate recoveries and internal standard responses are within required ranges. Instrument tunes meet protocol requirements.

Matrix spikes were performed for SVOA and TEL on SW-10 and MW-4 with recoveries and duplicate correlations falling within validation guidelines, with the exceptions of benzo(a)pyrene (55% and 52%) and benzo(k)fluoranthene (54% and 57%) in MW-4, the results for which are qualified as estimated in the parent sample.

Tentatively Identified Compounds (TICs) flagged as "B" or "A" by the laboratory are considered external contamination (indicated by presence in associated blanks), and are to be rejected as sample components.

TCL Pesticide, PCB, and Herbicide Analyses by EPA8081A, EPA8082, and EPA8151

Many of the pesticide detections show elevated dual column quantitative correlations (above the protocol recommended limit of 40%RPD). This indicates matrix interferences that can result in falsely elevated concentrations or potential false positives. The affected analyte results have therefore been qualified as either estimated in value, tentative in identification and estimated in value, or edit to non-detection.

b-BHC NJ in Blind Dup
aldrin to U "
Aroclor 1260 in Surface
separater forms

The "P" flag was not applied to pesticide results where required.

Blind Dup should have been reported with a detection of b-BHC at 0.24 ug/kg. This detection is then flagged as tentative in identification and estimated in value.

Herbicide matrix spikes of SW-7 performed by both laboratories show acceptable accuracy and precision. No QC summary report Forms 10A were provided by TAL-Buffalo for those spikes.

The matrix spikes of Aroclors 1016 and 1260 in MW-4 show elevated recoveries for the former. Parent sample results, which show no detection of that mixture, are unaffected. Matrix spikes of Aroclors 1016 and 1260 in SW-7 show acceptable accuracy and precision.

Pesticide matrix spikes of SW-7 show acceptable accuracy and precision.

One of the two LCSs extracted 3/27/09 shows elevated surrogate standard and spike compound recoveries. This is an extract anomaly, and sample reported results are unaffected.

The calibration standards that closed the analytical pesticide sequence of 3/23/09-3/24/09 showed elevated responses for most analytes. The only associated sample detections are already qualified due to dual column correlation.

The laboratory should have processed the Aroclor mixtures that were detected in samples as part of their continuing calibration standard evaluations.

Some of the pesticides analyses were conducted on an analytical column exhibiting a non-compliant elevated baseline.

Raw data for solids determinations performed by TAL-Buffalo for herbicide analyses were not provided in the data package. These would be required for full validation review.

TAL Metals and Total Lead by 6010B, 7470, and 7471

The result for total lead in SW-6 is qualified as estimated due to elevated recovery in the associated low-level concentration standard (165%).

The result for selenium in the samples reported in 220-8478 are qualified as estimated due to low recovery in the associated low-level concentration standard (41%).

Matrix spike/duplicate evaluations were performed for total lead on SW-10. The sample concentration is too high for a valid recovery evaluation. The duplicate correlation is elevated at 65%RPD. All samples 2/20/09 through 2/26/09 are associated with this parent sample, and lead values in those samples are therefore qualified as estimated in value.

Matrix spike/duplicate evaluations were performed for TAL metals on B-4 and MW-4. Barium and antimony produced low recoveries (12% through 60%) in both spikes of B-4, and results for those two elements in the samples reported in 220-8478 and 220-8677 are therefore qualified as estimated in value.
Recoveries and correlations for MW-4 are acceptable.

The ICP serial dilution evaluations of lead in SW-10 and MW-4 show acceptable correlations. The ICP serial dilution of TAL metals in B-4 shows elevated correlations for iron and manganese (12%D and 19%D). Deected results for those two elements in the samples reported in 220-8478 and 220-8677 are therefore qualified as estimated in value.

Calibration standard responses are acceptable, and blanks show no contamination above the reporting limits. Instrument performance is compliant. LCSs show recoveries within acceptance limits.

Data Package Completeness

The raw sample data from TAL-Buffalo should have been identified with client ID.

TAL-CT laboratory case narratives were not signed, and some of the data packages do not provide the required "verbatim" statement.

Chain-of-Custody

No chain-of-custody was submitted for the interlaboratory transfer (from TAL-Buffalo to TAL-CT) of sample Clean Soil Pile 1. The receiving laboratory documented the temperature and provided signature entries on a copy of an email from TAL-Buffalo referencing the shipment.

The collection date/times were not present on custody pertaining to the 4/14/09 shipment. The release date and receipt dates are present on that custody.

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

Very truly yours,

Judy Harry

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
Facsimile 518-251-4428

August 5, 2009

Nathan Munley
Benchmark Engineering
726 Exchange St. Suite 624
Buffalo, NY 14210

RE: Niagara and Pennsylvania site
Data Usability Summary Report (DUSR)
TestAmerica-Buffalo SDG No. RSG0136

Dear Mr. Munley:

Review has been completed for the data packages generated by TestAmerica Laboratories (TAL) that pertain to samples collected 07/01/09 at the Niagara and Pennsylvania site. One soil sample was processed for TCL volatiles, TCL semivolatiles, and total lead. One soil sample was processed for TCL semivolatiles. Methodologies utilized are those of the USEPA SW846 6000/7000/8000.

The data packages submitted contained full deliverables for validation, but this usability report is primarily generated from review of the summary form information, with full 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, using guidance from the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, with consideration of the requirements of the project QAPP and the specific methodologies. The following items were reviewed:

* Laboratory Narrative Discussion
* Case Narratives
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation/Calibration Blanks
* Matrix Spiked Blanks/Laboratory Control Samples
* Instrumental Tunes
* Calibration/CRI Standards
* ICP Interference Check Standards
* ICP Serial Dilution Correlations
* Method Compliance
* Sample Result Verification

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 this level of review.

In summary, most results for the samples are usable as reported, or usable with minor qualification due to sample matrix or to processing outliers.

Copies of the laboratory sample identifications and laboratory case narratives are attached to this text, and should be reviewed in conjunction with this report. Also included with this report are validation qualifier definitions and qualified client results tables.

The following text discusses quality issues of concern.

TCL Volatiles by EPA 8260B

Results for acetone and cyclohexane are qualified as tentative in identification and estimated in value due to poor mass spectral quality (matrix interferences).

The result for cyclohexane is derived from the dilution analysis of the sample. All other analyte results are derived from the initial analysis.

Surrogate recoveries and internal standard responses are within required ranges. Instrument tunes meet protocol requirements.

The calibration standard responses are within validation guidelines, with the following exceptions (27%D to 44%D), results for which are qualified as estimated in the sample:
1,1,2-1,2,2-trichlorotrifluoroethane, carbon disulfide, carbon tetrachloride, cyclohexane, methyl acetate, methylcyclohexane, methylene chloride, and trans-1,3-dichloropropene

Sample matrix spikes (MS/MSD) were performed on Offsite. Recoveries and duplicate correlations are within validation guidelines.

TCL Semivolatile Analyses by EPA8270C

The detections of fluoranthene and pyrene in Surface #2 are considered external contamination, and are edited to reflect non-detection, due to presence in associated method blank.

Results for the benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, and indeno (1,2,3-cd)pyrene in Offsite are qualified as tentative in identification and estimated in value due to poor mass spectral quality (matrix interferences).

Benzo(b)fluoranthene and benzo(k)fluoranthene results in Surface#2 are qualified as estimated in value, since the reported detection of the former includes unresolved response from the latter.

Surrogate standard recoveries and the calibration standard responses are within validation guidelines. Internal standard responses are within required ranges. Instrument tunes meet protocol requirements.

No matrix spikes were performed. The spiked control recoveries show acceptable accuracy.

The samples were overly-diluted, resulting in few chromatographic responses, and unnecessarily elevated reporting limits.

Total Lead by 6010B

The matrix spike evaluation for Offsite show a low recovery (69%). The ICP serial dilution evaluation shows an elevated correlation (13%D). These indicate a matrix effect on analyte recovery, and the reported value is qualified as estimated..

Instrument performance is acceptable, and blanks show no contamination above the reporting limits. The LCS shows recovery within acceptance limits.

Data Package Completeness

The raw sample data should have been identified with client ID.

The laboratory narrative did not discuss project specifics.

Some of the laboratory sample report Forms 1 in the data package show an inapprpriate laboratory "D" qualifier.

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

Very truly yours,

Judy Harry

APPENDIX K

IMPORTED MATERIALS DOCUMENTATION

(Backfill Receipts- see enclosed CD)

Mike Lesakowski

From: William Murray [wpmurray@gw.dec.state.ny.us]
Sent: Wednesday, March 04, 2009 1:27 PM
To: Michael Lesakowski
Subject: Nia St./PA Ave backfill

Mike,

Per DER-10, the following applies to crushed stone/analytical:

5. The following material may be imported, without chemical testing, to be used as backfill beneath pavement, buildings or the final soil cover, provided, however, that it contains less than 10% by weight material which would pass through a size 200 sieve and consists of:
i. rock or stone, consisting of virgin material from a permitted mine or quarry; or

Please indicate whether the material being considered for the site meets these requirements.

Thanks,
Bill Murray

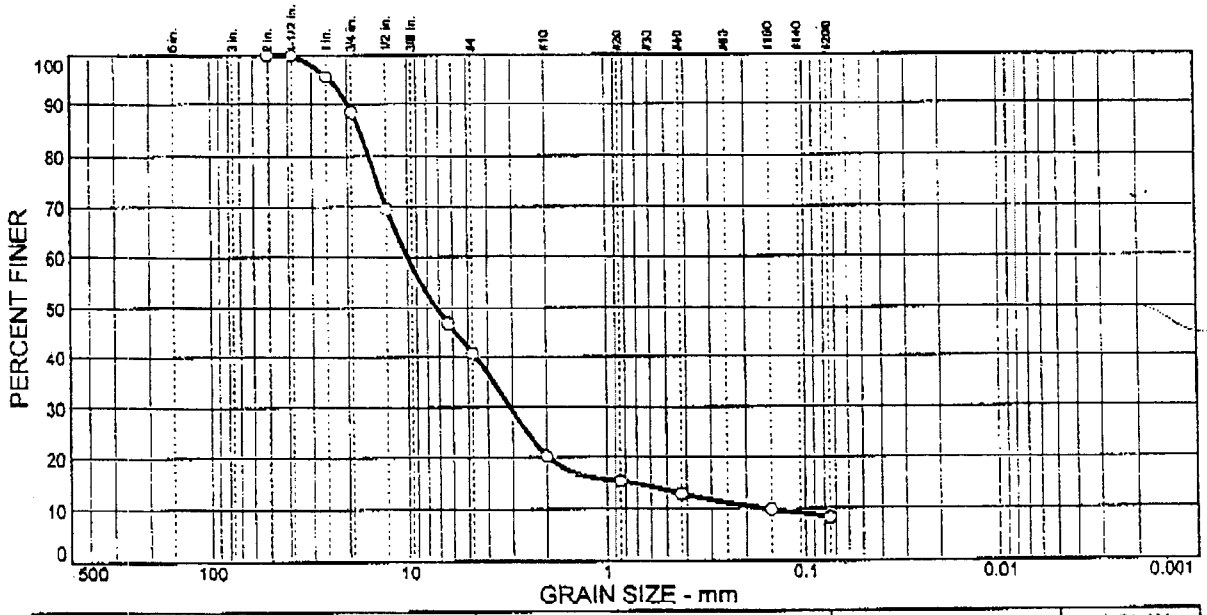
SJB SERVICES, INC.
Contract Drilling and Testing
5167 South Park Avenue
Hamburg, NY 14075
Phone: (716) 649-8110
Fax: (716) 649-8051

Particle Size Distribution Report

Project: MATERIAL TESTING: BUFFALO CRUSHED STONE **Project No.:** BT-1562

Client: BUFFALO CRUSHED STONE

Sample No: 07-013 **Source of Sample:** WHERLE PLANT **Date:** 1/10/07
Location: WHERLE PLANT #23 **Elev./Depth:**



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	59.3	32.5	8.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1.5 in.	100.0		
1 in.	95.7		
.75 in.	88.4		
.5 in.	69.6		
.25 in.	46.9		
#4	40.7		
#10	20.3		
#20	15.3		
#40	12.8		
#100	9.8		
#200	8.2		

* (no specification provided)

Soil Description
2" ROC STONE

Atterberg Limits
PL= LL= PI=

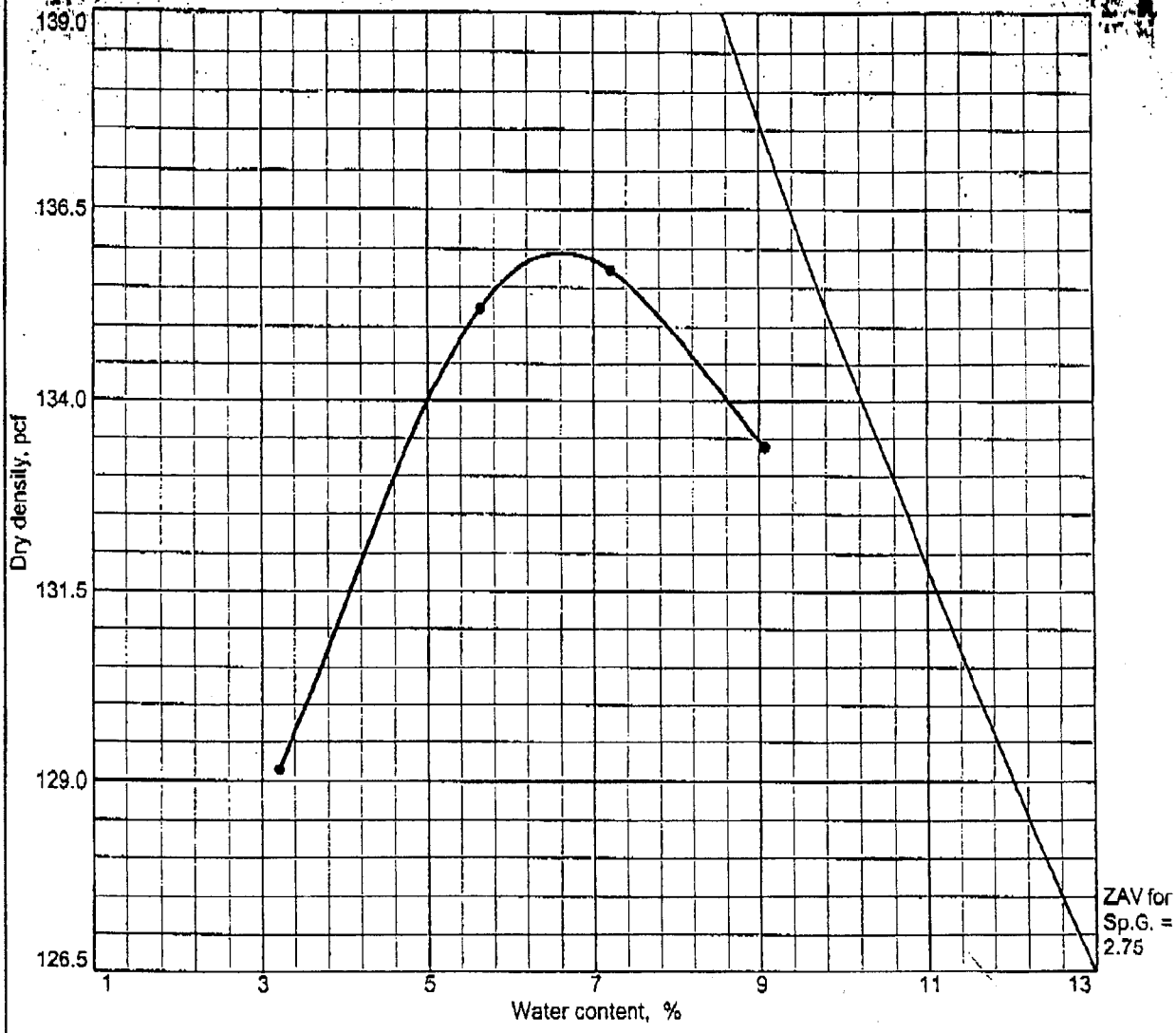
Coefficients
D_{85}= 17.5 D_{60}= 10.1 D_{50}= 7.23
D_{30}= 3.11 D_{15}= 0.760 D_{10}= 0.163
C_u= 61.59 C_c= 5.89

Classification
USCS= AASHTO=

Remarks
LTR-37
SAMPLED BY: CLIENT
DATE RECEIVED: 1/5/07

Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.75			11.6	8.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 135.9 pcf Optimum moisture = 6.6 %	2" ROC STONE

Project No. BT-1562 **Client:** BUFFALO CRUSHED STONE
Project: MATERIAL TESTING: BUFFALO CRUSHED STONE
• **Location:** WHERLE PLANT #23

Remarks:
LTR-37
SAMPLE NUMBER: 07-013

COMPACTION TEST REPORT

SJB SERVICES, INC.

Plate

APPENDIX L

ENVIRONMENTAL EASEMENT AND PROOF OF FILING

Honorable Kathleen C. Hochul
County Clerk
Erie County
92 Franklin Street
Buffalo, NY 14202
(716) 858-8785

DATE:12/18/2009
TIME:04:15:18 PM
RECEIPT:823310

PALADINO CAVAN QUINLIVAN BOX 237

ITEM -01 785U 04:15:18 PM BK/PG:D11175/2636
CTRL #:2009255053
DEED SEQ:TT2009009742
1093 GROUP LLC 90.00
RECORDING FEE 10.00
TP584 0.00
MARKOFF FEE 100.00
Sub. Total

ITEM -02 REL 04:15:18 PM BK/PG:D11175/2646
CTRL #:2009255054
NORTHWEST SAVINGS BANK 55.00
RECORDING FEE 1.50
MARKOFF FEE 56.50
Sub. Total

ITEM -03 342 04:15:18 PM BK/PG:K0136/6298
CTRL #:2009255055
AMEND/MODIFY 5.00
RECORDING FEE 5.00
Sub. Total

ITEM -04 809 04:15:18 PM BK/PG:K0136/6301
CTRL #:2009255056
NONE
NONE 40.00
RECORDING FEE 40.00
Sub. Total

ITEM -05 721 04:15:18 PM BK/PG:D11175/2649
CTRL #:2009255057
ERIE COUNTY INDUSTRIAL DEVELOPMENT AGE 70.00
RECORDING FEE 1.00
MARKOFF FEE 71.00
Sub. Total

ITEM -06 73S 04:15:18 PM BK/PG:D11175/2655
CTRL #:2009255058
1093 GROUP LLC 55.00
RECORDING FEE 0.00
MARKOFF FEE 55.00
Sub. Total

AMOUNT DUE: $327.50
PAID CASH: $80.50
PAID CHECK: $250.00 $250.00
Check #:4287
CASH RETURNED: $3.00
TOTAL PAID: $327.50

REC BY:LANCE
County Clerk
Have a nice day!

ACKNOWLEDGEMENT AND SUBORDINATION AGREEMENT
(BCP SITE ENVIRONMENTAL EASEMENT)

This Acknowledgement and Subordination Agreement ("Agreement") is made as of this 3 day of December, 2009 between **ERIE COUNTY INDUSTRIAL DEVELOPMENT AGENCY**, a public benefit corporation duly existing under the laws of the State of New York with offices at 275 Oak Street, Buffalo, New York ("Agency") and **1093 GROUP, LLC**, a limited liability company duly organized and validity existing under the laws of the State of New York and authorized to do business in the State of New York with offices at 295 Main Street, Suite 210, Buffalo, New York.

W I T N E S S E T H :

WHEREAS, the Company entered into a Lease Agreement with the Agency dated as of October 1, 2009 ("IDA Lease") with respect to certain property owned by the Company and located in the City of Buffalo, Erie County, New York ("Property"), a legal description of which Property is attached to a Memorandum of Lease Agreement dated as of October 1, 2009 between the Company and the Agency recorded in the Erie County Clerk's Office on October 8, 2009 in Liber 11170 of Deeds at Page 9629.

WHEREAS, the Agency entered into a Leaseback Agreement with the Company dated as October 1, 2009 ("Leaseback Agreement") with respect to the Property, and a Memorandum of Leaseback Agreement dated as of October 1, 2009 between the Agency and the Company was recorded in the Erie County Clerk's Office on October 8, 2009 in Liber 11170 of Deeds at Page 9633.

WHEREAS, in connection with the redevelopment of a portion of the Property for a building and other facilities known as the BCP Site, the Company, as the owner of the Property, and The People of the State of New York, acting through their Commissioner of the Department of Environmental Conservation, have entered into an Environmental Easement dated as of the ____ day of _____, 2009 and recorded in the Erie County Clerk's Office on December ____, 2009 in Liber _____ of Deeds at Page _____ ("Environmental Easement") related to a portion of the Property more particularly described in the Environmental Easement ("Environmental Easement Property").

NOW, THEREFORE, for and in consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby acknowledge and agree as follows:

1. The Agency and the Company, as tenant of the Agency under the Leaseback Agreement, acknowledge and consent to the Company executing the Environmental Easement and recording the same in the Erie County Clerk's Office.

2. All representations, covenants and warranties of the Grantor within said Environmental Easement were made by and inure to the Grantor and not by or to the Agency. Notwithstanding that the Environmental Easement was executed and recorded after the execution of the IDA Lease and the Leaseback Agreement (and recordation of

Memoranda thereof), the Agency agrees that the Environmental Easement shall be a superior interest on the Environmental Easement Property. It is hereby agreed and understood that the Agency has not granted an interest in nor subordinated certain unassigned rights as defined in section 6.1 of that certain Leaseback Agreement to the Environmental Easement with respect to that portion of the Property which is covered by the IDA Lease and which is the same as the Environmental Easement Property. If Environmental Easement is amended or assigned, it is the intent of the parties hereto that this Agreement shall continue in full force and effect.

3. Notwithstanding that the Environmental Easement was executed and recorded after the execution and recordation of the Leaseback Agreement, the Company, as tenant of the Agency under the Leaseback Agreement hereby subordinates its interest in the Leaseback Agreement except for its Unassigned Rights as defined in the Leaseback Agreement to the Environmental Easement with respect to that portion of the Property which is covered by the Leaseback Agreement and which is the same as the Environmental Easement Property.

4. This Agreement shall be binding upon and inure to the benefit of the respective successors and assigns of the parties hereto.

5. This Agreement may be executed in counterparts, each of which shall be an original and all of which shall consist one in the same instrument.

Dated: December 7, 2009

ERIE COUNTY INDUSTRIAL DEVELOPMENT AGENCY

By: Karen M. Fiala
Name: KAREN M. FIALA
Title: ASST. TREAS.

Dated: December 3, 2009

1093 Group, LLC

By: Carl P. Paladino
Name: Carl P. Paladino
Title: Manager

STATE OF NEW YORK)
: SS.:
COUNTY OF ERIE)

On the 7th day of December in the year 2009, before me, the undersigned, personally appeared Karen M. Fiala, personally known to me or proved to me on the basis of satisfactory evidence to be the individual (s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity (ies), and that by his/her/their signatures on the instrument, the individual (s), or the person upon of which the individual(s) acted, executed the instrument.

Notary Public

KATHLEEN A. DRUMM
Notary Public State of New York
Qualified in Erie County
My Commission Expires: June 30, 20 10.

STATE OF NEW YORK)
: SS.:
COUNTY OF ERIE)

On the 3rd day of December in the year 2009, before me, the undersigned, personally appeared Carl P. Paladino, personally known to me or proved to me on the basis of satisfactory evidence to be the individual (s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity (ies), and that by his/her/their signatures on the instrument, the individual (s), or the person upon of which the individual(s) acted, executed the instrument.

Notary Public

KATHLEEN A. LINHARDT
Notary Public, State of New York
Qualified in Erie County
My Commission Expires March 25, 2010

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That, for consideration of the sum of One Dollar ($1.00) and other good valuable considerations, in hand paid, receipt and sufficiency of which are hereby acknowledged, the undersigned Northwest Savings Bank, a State Chartered Stock Savings Bank organized and existing under the laws of the Commonwealth of Pennsylvania, having its principal place of business in Warren, Pennsylvania, and an office at 7 West 3rd Street, Jamestown, New York 14701 ("Northwest") and 1093 GROUP, LLC having an address at 295 Main Street, Suite 210, Buffalo, New York 14203 ("Grantor"), have agreed and by these presents do agree that The People of the State of New York acting through their Commissioner if the Department of Environmental Conservation, having an address at 625 Broadway, Albany, New York 12233 has an interest in the real property located in the City of Buffalo, County of Erie, State of New York as more particularly described on Exhibit A attached hereto and made a part hereof, by a certain Environmental Easement from Grantor to The People of the State of New York ("Grantee") acting through their Commissioner of the Department of Environmental Conservation, dated the 15th day of December, 2009 intended to be recorded simultaneously herewith in the Office of the Clerk of the County of Erie.

The above-described Environmental Easement shall forever be a superior interest upon said property to the interest of Northwest pursuant to the following agreements: (a) that certain mortgage for the sum of $740,000.00 and interest made by the Grantor and the Agency to Northwest dated and recorded on October 8, 2009 in Liber 13468 of Mortgages page 1225 in the Office of the Clerk of the County of Erie; (b) General Assignment of Leases and Rents made by Grantor to Northwest dated and recorded on October 8, 2009 in Liber 13468 of Mortgages page 1244 and Liber 11170 of Deeds at Page 9658 in the Office of the Clerk of said County; (c) Financing Statement No. Q0214-1494 made by Grantor with Northwest and filed on October 8, 2009; and (d) Building Loan Agreement made by the Grantor with Northwest dated and filed on October 8, 2009 in Q0214-1461 (collectively the "Financing Agreements"), and such priority shall be accorded said first above described Environmental Easement notwithstanding that said Environmental Easement was dated and recorded subsequent to the date and recordation or filing of the said Financial Agreements. If the superior Environmental Easement is amended or assigned, it is still the intent that this Subordination Agreement be enforced.

The parties agree that this Subordination Agreement shall run with the land and inure to the benefit of their respective successors and/or assigns.

This agreement may be executed in any number of counterparts each of which shall be deemed to be an original but all of which when taken together shall constitute one agreement.

NORTHWEST SAVINGS BANK

By: _____
Neil A. Aquino, Jr.
Senior Vice President

1093 GROUP, LLC

By: _____
Carl P. Paladino
Manager

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On the 12th day of December, in the year 2009, before me, the undersigned, personally appeared Neil A. Aquino, Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

HELEN OSGOOD
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 05/31/2011

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On the 18th day of December, in the year 2009, before me, the undersigned, personally appeared Carl P. Paladino, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

KATHLEEN A. LINHARDT
Notary Public, State of New York
Qualified in Erie County
My Commission Expires March 25, 2010

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 24th day of November, 2009, between Owner(s) 1093 Group, LLC, having an office at 210 Ellicott Square, Buffalo, New York 14203, (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and of ensuring the potential restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at 517 Niagara Street, Buffalo, Erie County, State of New York, known and designated on the tax map of the County Clerk of Erie as tax map parcel numbers: Section 110. 27 Block 5 Lot 1.1, being the same as that property conveyed to Grantor by Bargain and Sale Deed dated November 21, 2008 and recorded in the Erie County Clerk's Office in Liber 11152 at page 7093 of deeds, comprising of approximately 0.26± acres, and hereinafter more fully described in the ALTA/ACSM Land Title Survey dated June 9, 2009, (Revised November 5, 2009) prepared by TVGA Consultants, and corresponding Schedule "A" property description, both documents are attached hereto and made a part hereof (the "Controlled Property"); and

WHEREAS, the Commissioner does hereby acknowledge that the Department accepts this Environmental Easement in order to ensure the protection of human health and the environment and to achieve the requirements for remediation established at this Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the covenants and mutual promises contained herein and the terms and conditions of Brownfield Cleanup Agreement Number B9-0759-07-11, Grantor grants, conveys and releases to Grantee a permanent Environmental Easement pursuant to Article 71, Title 36 of the ECL in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property:

A. The Controlled Property may be used for restricted residential use as described within 6 NYCRR Part 375- 1.8 (g) (2) (ii), as long as the following long-term engineering controls are employed and the land use restrictions specified below are adhered to:

(i) Any use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by the New York State Department of Health (NYSDOH) and prior notification and approval of the New York State Department of Environmental Conservation (NYSDEC), shall not be permitted

(ii) A soil vapor investigation must be conducted and a vapor system must be installed, if deemed necessary by the NYSDOH and NYSDEC, for any buildings developed on the site, including provisions for mitigating any impacts identified

(iii) Future intrusive activities and soil/fill handling at the Site must be completed in a safe and environmentally responsible manner in accordance with the Excavation Work Plan.

(iv) Groundwater monitoring plan; a soil vapor investigation (SVI) evaluation; and, a Site-wide Inspection assuring that the Institutional controls have not been altered and remain effective must be conducted in accordance with the Site Monitoring Plan

B. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the Site Management Plan ("SMP") that the Department has approved for the Controlled Property and all Department-approved amendments to that SMP.

The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated December, 2009. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. The notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer
NYSDEC - Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203-2999
Phone: (716) 851-7200 fax: (716) 851-7211

or

Site Control Section
Division of Environmental Remediation
NYS DEC
625 Broadway
Albany, New York 12233

C. The Controlled Property may not be used for a higher level of use such as unrestricted-residential use and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

D. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant of Title 36 to Article 71 of the Environmental Conservation Law.

E. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

F. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any Site Management Plan for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Controlled Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer the underlying fee interest to the Controlled Property by operation of law, by deed, or by indenture, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person intentionally violates this Environmental Easement, the Grantee may revoke the Certificate of Completion provided under ECL Article 27, Title 14 with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach. Grantor shall then have a reasonable amount of time from receipt of such

notice to cure. At the expiration of said second period, Grantee may commence any proceedings and take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement in accordance with applicable law to require compliance with the terms of this Environmental Easement.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar its enforcement rights in the event of a subsequent breach of or noncompliance with any of the terms of this Environmental Easement.

6. Notice. Whenever notice to the State (other than the annual certification) or approval from the State is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:
County, NYSDEC Site Number, NYSDEC Contract or Order Number, and the
County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C 915223
Department of Environmental Enforcement
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

Such correspondence shall be delivered by hand, or by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. This Environmental Easement may be amended only by an amendment executed by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Grantor's Name: 1093 Group, LLC

By: _____
Carl P. Paladino - Manager

Title: _____ Date: 11/24/09

By: _____
William A. Paladino - Manager

Title: _____ Date: 11/24/09

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation

by: _____
Alexander B. Grannis, Commissioner

By: _____
Dale A. Desnoyers, Director
Division of Remediation

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On the 24th day of NOVEMBER in the year 2009, before me, the undersigned, personally appeared CARL P. PALADINO AND*, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

* WILLIAM A PALADINO

_____
Notary Public - State of New York

KATHLEEN A. LINHARDT
Notary Public, State of New York
Qualified in Erie County
My Commission Expires March 25, 2010

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Albany)

On the 15th day of December, in the year 2009 before me, the undersigned, personally appeared Dale DeGroat personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as a designated authority granted by the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Notary Public - State of New York

DAVID S. SAMPSON 02SA5013268
NOTARY PUBLIC, STATE OF NEW YORK
QUALIFIED IN RENSSELAER COUNTY
COMMISSION EXPIRES JULY 15, 2011

SCHEDULE "A" PROPERTY DESCRIPTION

RECORD DEED

LEGAL DESCRIPTION

PARCEL A (517 Niagara Street)

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie and State of New York, being part of the north 1/3 of Block 78 and according to map filed in Erie County Clerk's Office under Cover No. 75, is known as Subdivision Lot Nos. 2 and 3 and part of Subdivision Lot No. 5 and map filed under Cover No. 52 is described as follows:

Beginning at a point in the northeasterly line of Niagara Street, 41 ½ feet southeasterly from its intersection with the southeasterly line of Pennsylvania Avenue (as a 4 rod street); thence southeasterly along said line of Niagara Street, 50 feet; thence northeasterly parallel with Pennsylvania Avenue, 125 feet to an alley; thence northwesterly along said alley, 50 feet; thence southwesterly parallel with Pennsylvania Avenue, 125 feet to the point or place of beginning and being further intended to describe those premises as shown on the City of Buffalo and County of Erie tax rolls as 50 feet front and 125 feet in depth on the northeast side Niagara Street, 41.50 feet southeast Pennsylvania Street.

PARCEL B (521 Niagara Street)

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie and State of New York, being part of Block 78, bounded and described as follows:

Commencing at the point of intersection of the northeasterly line of Niagara Street with the southeasterly line of Pennsylvania Street (as a street 66 feet wide); running thence southeasterly along said line of Niagara Street forty-one and one-half (41 ½) feet; running thence northeasterly on a line parallel with said line of Pennsylvania Street one hundred twenty-five (125) feet more or less to the westerly line of an alley known as Reynold's Alley; running thence northwesterly along said line of said alley forty-one and one-half (41 ½) feet to the southeasterly line of Pennsylvania Street; running thence southwesterly along the southeasterly line of Pennsylvania Street one hundred and twenty-five (125) feet more or less to the place of beginning.

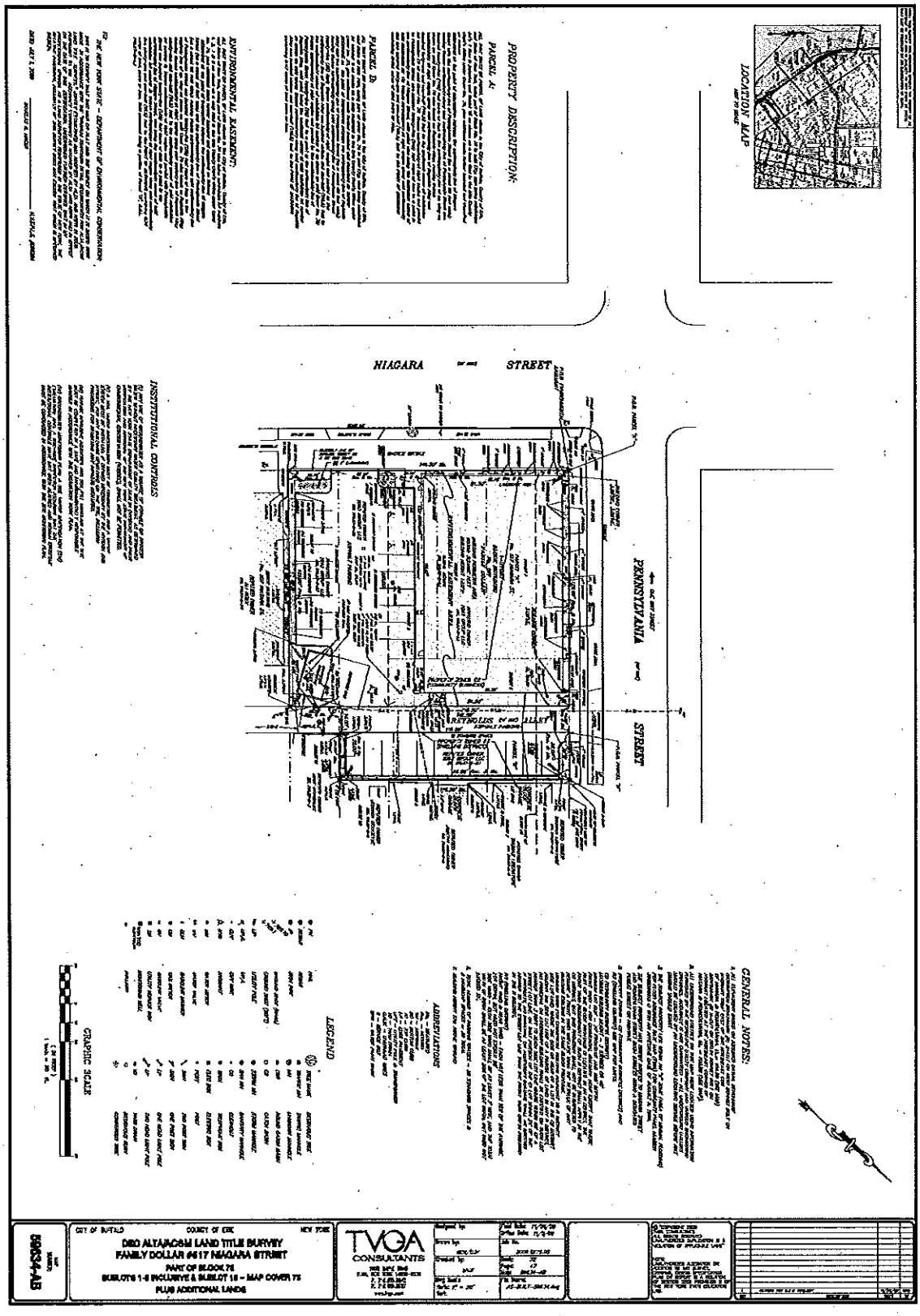
ENVIRONMENTAL EASEMENT

LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie and State of New York, being part of Block No. 78 also being subdivision lot numbers 1, 2, 3 and 5 as shown on a map filed in Erie County Clerk's Office under Cover No. 75, plus additional lands further bounded and described as follows:

Beginning at the point of intersection between the northeasterly line of Niagara Street (as a street 99 feet wide) and the southeasterly line of Pennsylvania Street (as a street 66 feet wide); running thence northeasterly along said southeasterly line of Pennsylvania Street one hundred twenty-five (125') feet more or less to the westerly line of an alley as shown on said Cover No. 75 also known as Reynolds Alley; running thence southeasterly at right angles along said westerly line Reynolds Alley ninety-one and one half (91.5') feet to the southeasterly corner of said subdivision lot no. 5; thence southwesterly at right angles and parallel with Pennsylvania Street one hundred twenty-five (125') feet more or less to a point in the northeasterly line of Niagara Street, also being the southwesterly corner of said subdivision lot number 3; thence southwesterly at right angles along said northeasterly line ninety-one and one-half (91.5') feet to the point of beginning containing .26 acres of land more or less.

SURVEY


PROPERTY DESCRIPTION:
PARCEL A:
PARCEL B:
ENVIRONMENTAL EASEMENT:
INSTITUTIONAL CONTROLS:
LOCATION MAP
NIAGARA STREET
PENNSYLVANIA STREET
GENERAL NOTES:
LEGEND
ABBREVIATIONS:
GRAPHIC SCALE
CITY OF BUFFALO
COUNTY OF ERIE
NEW YORK
DEC ALTA/ACSM LAND TITLE SURVEY
FAMILY DOLLAR #617 NIAGARA STREET
PART OF BLOCK 75
SUBLOTS 1-6 INCLUSIVE & SUBLOT 16 - MAP COVER 75
PLUS ADDITIONAL LANDS
TVGA CONSULTANTS
99634-AVB

AFFIDAVIT

STATE OF NEW YORK) ss.:

COUNTY OF ERIE)

KATHLEEN A. LINHARDT, being duly sworn, deposes and says that:

1. I am an attorney admitted to practice in New York State.

2. I represent 1093 Group, LLC, the owner of real property located at 517 Niagara Street, Buffalo, New York.

3. In connection with a Brownfield Redevelopment Project, 1093 Group, LLC has agreed to grant an Environmental Easement to The People of The State of New York acting through the Commissioner of the Department of Environmental Conservation, which easement is dated November 24, 2009 and recorded December 18, 2009 in Liber _____ of Deeds at page _____.

4. The survey attached hereto as Exhibit A shows the property covered by this Environmental Easement.

IN WITNESS WHEREOF, this Affidavit has been executed as of the 18th day of December, 2009.

Kathleen A. Linhardt

Sworn to before me this 18th day of December, 2009.

Notary Public

JOE R. CAVAN
NOTARY PUBLIC, State of New York
Qualified in Erie County
My Commission Expires August 31, 2010

FILED

DEC 18 2009

ERIE COUNTY
CLERK'S OFFICE

APPENDIX M

FACT SHEETS

FACT SHEET

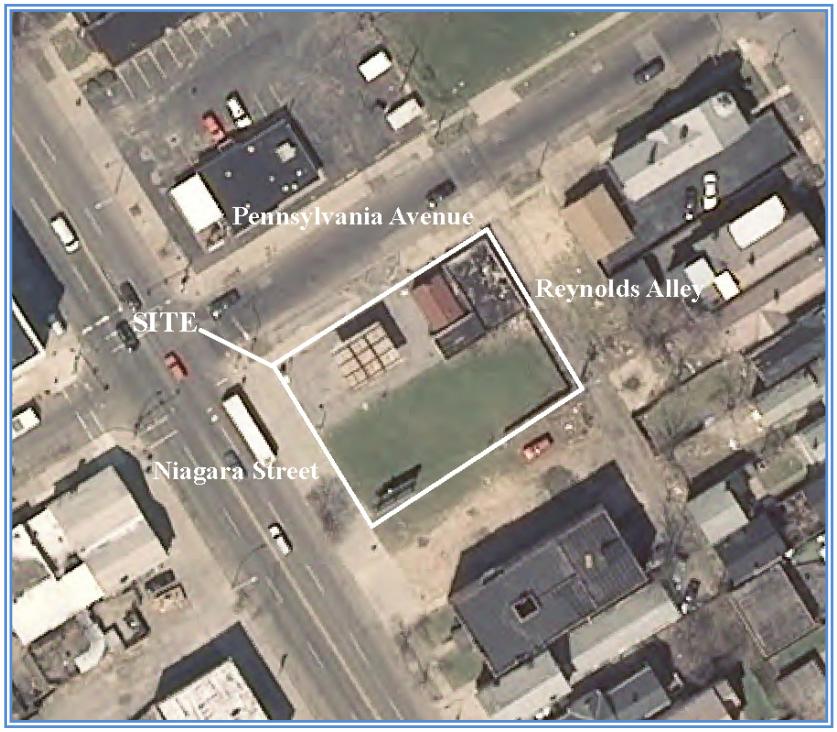
Report on Environmental Investigation and Cleanup Activities at Niagara Street and Pennsylvania Avenue Site Available for Review; Comment Period Announced

Brownfield Cleanup Program **Project No. C915223** **October 2009**

Introduction

The New York State Department of Environmental Conservation (DEC) requests public comment on a report about environmental investigation and cleanup activities at the Niagara Street and Pennsylvania Avenue site (the Site) in Buffalo. The report describes the specific investigation techniques, findings, and corrective actions taken to address petroleum contamination at the site.

The report, called the Remedial Investigation/Alternative Analysis / Interim Remedial Measure (RI/AAR/IRM) Report, is available for public review at the locations listed in this fact sheet and the DEC website (see opposite page for web address). **Written comments on the report will be accepted from October 30 until December 13, 2009** and can be sent to the project manager at the address listed on the opposite page, or e-mailed to region9@gw.dec.state.ny.us.



Site Location Map

Cleanup work at the site was performed by 1093 Group, LLC under New York State's Brownfield Cleanup Program (BCP). The goal of the BCP is to facilitate private-sector cleanup of brownfields. Brownfields typically are former industrial properties where redevelopment or reuse may be complicated by the presence or potential presence of contamination. More information on brownfields and the BCP is available on DEC's website at http://www.dec.ny.gov/chemical/8450.html.

Description of Environmental Activities Detailed in the Report

The RI/AA/IRM Report documents the environmental investigation and cleanup work completed at the Site as of August 2009. Investigation activities detailed in the report included:

- Installing groundwater monitoring wells;
- Sampling, analyzing, and evaluating soil and groundwater; and
- Completing a site survey for environmental easement purposes. An environmental easement is a legal tool that places restrictions on how a property may be reused so that public health is protected.

The 2009 investigation confirmed that contaminants of concern at the Site consisted of petroleum-based volatile and semi-volatile organic compounds (VOCs and SVOCs), and to a lesser extent, heavy metals. These contaminants were present in soil and groundwater.

In order to expedite construction activities on the property, 1093 Group, LLC completed soil and underground tank removals in 2009 as an Interim Remedial Measure (IRM). An IRM is a cleanup action that may be conducted

without extensive investigation in order to address an obvious environmental problem and reduce risk to public health and the environment. The IRM measures, discussed in the RI/AA/IRM Report, included:

- Excavating petroleum-impacted soil;
- Removing and properly disposing five underground storage tanks (USTs);
- Sampling the sidewalls and bottom of the excavation to ensure that contaminant concentrations were at or below standards protective of public health and the environment;
- Transporting and disposing impacted soils at a registered waste disposal facility; and
- Placing clean gravel in the excavation areas.

For more information about the investigation and cleanup activities, please consult the full RI/AA/IRM Report.

What is the Next Step?

The RI/AA/IRM Report concludes that the IRM successfully addressed contamination at the site and that additional cleanup work is not necessary. NYSDEC will consider public comment before approving the final RI/AA/IRM Report. 1093 Group, LLC will then submit a Final Engineering Report that describes all completed cleanup activities. NYSDEC will notify the public about future site developments through fact sheets similar to this one.

Site Background

The Site encompasses a quarter of an acre and is located on the southeast corner of Niagara Street and Pennsylvania Avenue in a predominantly commercial and residential area of Buffalo, New York. The Site has been used for commercial purposes, including an auto repair/service and gasoline retail facility. Previous releases of petroleum have impacted the Site. 1093 Group, LLC intends to develop the property for commercial purposes.

Who Should I Contact If I Have Questions About the Site?

Project related questions:
Corey Stewart
1093 Group, LLC
295 Main Street, Suite 210
Buffalo, NY 14203
(716) 854-0060

Environment related questions:
Bill Murray
NYSDEC
270 Michigan Avenue
Buffalo, NY 14203
(716) 851-7220
region9@gw.dec.state.ny.us

Health related questions:
Deanna Ripstein
NYSDOH
547 River Street
Troy, NY 12180
(518) 402-7870
dmr13@health.state.ny.us

Locations to View Public Documents

Public understanding and involvement are important to the success of New York Brownfields programs. To keep you informed, the NYSDEC has established the following locations where you can view project documents:

Buffalo & Erie County Public Library
1 Lafayette Square
Buffalo, NY 14203
Phone: (716) 858-8900

OR

NYSDEC Buffalo Office
270 Michigan Avenue
Buffalo, N.Y. 14203
(716) 851-7220
(please call for appointment)

You may also view project documents at http://www.dec.ny.gov/chemical/37554.html. Look for the Niagara Street Pennsylvania Ave entry under the Erie County heading.

PUBLIC NOTICE
FACT SHEET

BROWNFIELD CLEANUP PROGRAM

Site Name: Niagara Street and Pennsylvania Avenue Site
Site Address: Niagara and Pennsylvania
Buffalo, NY 14201
County: Erie
Site No.: C915223
Requestor: 9154 Group, LLC

The New York State Department of Environmental Conservation (NYSDEC) administers the Brownfield Cleanup Program (BCP) pursuant to State Environmental Conservation Law (ECL) 27-1400 et seq. The BCP was created to encourage the remediation and redevelopment of contaminated properties known as brownfields. The requestor indicated above has submitted a BCP application for investigation of the site indicated above.

NYSDEC will accept public comments concerning the application. A copy of the application and other appropriate documents (application package) is available in the site document repository located at the address indicated below.

Please note the application package includes the Remedial Draft Investigation Work Plan which describes the remedial activities to be conducted to investigate and determine the nature and extent of the contamination related to the site.

NYSDEC will review the application package and public comments received and then make a determination on the eligibility of the application.

Comments should be submitted by December 3, 2007 to:

New York State Department of Environmental Conservation
Division of Environmental Remediation - Region 9
270 Michigan Avenue
Buffalo, NY 14203
Attention: William Murray

Repository address:

Buffalo and Erie County Public Library
Central Branch
1 Lafayette Square
Buffalo, NY 14203