Interim Action Completion Report
Removal of Debris
232 Monroe Street
Saline, Michigan

USEPA ID No. MID980795512

Prepared for:

Johnson Controls, Inc.
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22 January 2016

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1.0 INTRODUCTION

CTI & Associates (CTI) was contracted by Johnson Controls, Inc. (JCI) to perform this work removal of demolition debris.

1.1 SITE DESCRIPTION

The Site consists of approximately 9.3 acres of land west of Monroe Street and north of the Saline River (identified as 232 Monroe Street). See Figure 1 for Site Location. The site is bordered on the north by residential and undeveloped land, on the east by Monroe Street opposite a wastewater treatment plant, on the west by Curtiss Park, and on the south by the Saline River. The site is fenced in, with a locked gate.

The area of interest on the Site is located north of the paved access road. This area has been highly disturbed by prior industrial and demolition activities. In addition, south of the paved access road, the previous site owner had imported and stockpiled an estimated 3,000 to 5,000 yd^3 of soil on the Site.

1.2 SITE CONDITIONS PRIOR TO SITE WORK

Prior to this action, the area of interest was primarily occupied by stockpiles containing mostly demolition debris. This debris consisted of broken concrete, asphalt, and steel rubble derived from the owner's prior demolition of the former building structure and concrete floor slabs. The Site supported sparse, weedy vegetation and small trees. Much of the site was occupied by a remnant concrete slab, concrete pits, and most of the former building foundation.

1.3 PRE-CONSTRUCTION ACTIVITIES

Prior to the site work, CTI performed a site evaluation and sample collection during October 9-10, 2014. Results of Analysis were used to determine disposal options for debris areas throughout the site. The site evaluation and sample collection activities were summarized in the Concrete Testing and Investigation for Disposal – Technical Memorandum dated November 24, 2014 included in Appendix A.

2.0 PERMITTING AND ACCESS

2.1 PERMITS

Since the total area of land disturbance was more than 1 acre, a Washtenaw County Soil Erosion Permit was acquired, included in Appendix B. This project did not result in the installation of any impervious surfaces and does not require a long-term maintenance plan.

2.2 ACCESS TO PROPERTY

Unauthorized access to the site is controlled by a chain link fence surrounding the entire property. "No Trespassing" signs were installed on the site perimeter fence line. The access gate was kept closed and locked when CTI employees were not on site. During construction hours the gate was kept open, but all visitors to the site were required to sign in with the site safety officer.

2.3 WORK TRAILER, TELEPHONE, WATER, SANITATION, AND WASTE REMOVAL

A storage container and mobile office were provided for the work, with power provided by a generator. Cellular telephones were used for on-site project communications. An ample supply of bottled water was maintained on site for drinking water. Sanitation facilities consisted of a port-o-let which was delivered at the beginning of the field work and removed following the completion of the work.

Several 20-yard dumpsters were provided on-site for ordinary trash, with removal serviced as needed. Concrete, asphalt, metal, and other assorted demolition debris were transported to an off-site facility for recycling, disposal, or hazardous waste disposal as appropriate (discussed further in section 4.0) in accordance with state and local regulations.

2.4 MOBILIZATION, STAGING, AND DEMOBILIZATION

The mobilization/delivery of equipment and materials was sequenced so that material storage on-site was minimized and that equipment was only on-site when needed. The site was locked during non-work hours. Demobilization/removal of equipment occurred throughout the project, with equipment leaving that site after it was no longer needed. Upon completion of all work the site was graded, and erosion control measures were kept in place in anticipation of further work to the site.

2.5 GENERAL HOUSEKEEPING

- Existing asphalt drive was kept clean for trucking operations.
- Open excavations or pits were fenced off at the end of the work day.
- After rain events haul roads were cleaned prior to loading any haul trucks. CTI periodically inspected the site exit to ensure truck traffic was not tracking soil out of the project site onto Monroe Street.

3.0 WORK ELEMENTS

3.1 OVERVIEW AND SEQUENCE OF WORK

The general Scope of Work for the project was to remove existing surficial stockpiles of concrete and asphalt debris, and demolish and remove existing concrete floor slab and wall foundations. All site work was performed on the north side of the existing driveway.

A visual representation of the Scope of Work can be found on Figure 2 – Debris and Slab Removal Map.

Site work progressed generally in the following sequence:

1. Mobilization
2. Installation of Temporary Erosion Control Measures
3. Debris Removal and Disposal/Recycling
    a. Surficial Debris Removal and Disposal/Recycling
    b. Demolition and Removal of Existing Concrete Slab and Foundation
    c. Capping/Removal of abandoned underground utilities
    d. Environmental Testing
    e. Disposal
4. Pumping and Removal of Concrete Lined Pits
5. Site Restoration
6. Demobilization

Debris Removal Work Began: August 5, 2015

Debris Removal Work Completed: September 29, 2015

East Perimeter Fence Relocation and Additional Restoration Work Completed: December, 2015

Construction documentation from the work is appended to this report:

- SESC permit info is presented in Appendix B.
- Daily Quality Control Reports and photo logs are presented in Appendix C.
- Waste Profile information is presented in Appendix D.

3.2 MOBILIZATION

Mobilization and site preparation activities took place starting August 3, 2015. Activities included delivery of equipment and materials, setup of work zone area, pre-construction sanitary sewer inspection, and utility location.

- General Site Preparation Activities

- Walk site to look for monitoring wells, open pits and to familiarize crew with work to be performed. Acquire and set-up temporary fencing, caution tape, marking paint, silt fence.
- Used excavator to clean up brush and debris from concrete piles.
- "No Trespassing" signs were installed on the site perimeter fence line.
- "Construction entrance" and "trucks entering roadway" signage and traffic barrels were placed at the entrance to the project site to alert vehicles along Monroe St. of the additional traffic from haul trucks, and discourage unauthorized visitors.
- Prior to beginning any intrusive work, a utility locate ticket was acquired from the Michigan One-Call utility notification center.

- The City of Saline requested that a pre and post construction camera inspection be performed on the existing sanitary sewer lines that run through the site:
  - The pre-construction inspection was conducted August 5, 2015 by Young's Environmental Cleanup.
  - Young's Environmental water jet cleaned and CCTV'ed the existing sanitary lines between manholes #1, #2, #3, and #4.
  - The camera unit was not able to pass the damaged pipe section south of MH #2.

3.3 INSTALLATION OF TEMPORARY EROSION CONTROL MEASURES

- Storm water pollution prevention devices were installed in accordance with the Storm water permit (Appendix B):
  - CTI completed installation of 3' silt fence along the south and southwest sides of the work area. Support posts were placed with 10' maximum spacing. Silt fence was buried in a 6" anchor trench. Anchor trenches were excavated with a Vermeer V-3550A trencher machine.
  - Filter fabric was installed in the existing catch basin inlets on the Monroe St. west curb line, north and south of the site entrance. Sand bags were placed in front of the curb box inlets on the catch basins north and south of the site entrance on the Monroe St. west curb line to direct water flow.

3.4 DEBRIS REMOVAL AND DISPOSAL/RECYCLING

3.4.1 Surficial Debris Removal and Disposal/Recycling

- Removed existing trees and vegetation within stockpiles and across the project site. Trees and vegetation were stockpiled adjacent to the asphalt access road for future disposal.
- CTI utilized excavators to load 12 surficial stockpiles of existing concrete, brick, metal, and asphalt into haul trucks and roll-off dumpsters for disposal and recycling off-site.
- As surficial piles were loaded and relocated, CTI performed additional exploration throughout the site to locate existing concrete slabs and foundations and determine dimensions and extent.

3.4.2 Demolition and Removal of Existing Concrete Slab and Foundation

- Existing concrete slab and foundations were broken up in place and direct loaded into haul trucks with Komatsu 300LC excavators, when possible, for recycling or disposal off-site.
- CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site with a Komatsu 300LC excavator. Broken concrete that was not located in an area suitable for direct load out was placed in stockpiles adjacent to the removal area and then transported to larger stockpiles near the access road.
- Existing foundation and subsurface concrete was removed with a focus on reducing disturbance to the underlying soils.
- As foundation and subsurface concrete was exposed it was inspected for signs of odor or staining which initiated additional environmental testing (Section 4.0)
- Any excavations or holes resulting from concrete removal were backfilled with adjacent soils.

3.4.3 Capping/removal of abandoned underground utilities.

- Construction activities included removal of underground utilities associated with the demolished building:
  - Storm Sewer
  - Gas
- Each utility's provider (City or DTE) was contacted to verify that the excavated utilities were disconnected and to verify proper abandonment procedures.
- Utilities in close proximity to undisturbed site features (fence, trees, etc.) were capped as appropriate, and buried in place.

3.4.4 Environmental Testing

- Prior to site work CTI performed a site evaluation and sample collection used to determine disposal options for debris areas throughout the site. The site evaluation and sample collection activities were summarized in the Concrete Testing and Investigation for Disposal – Technical Memorandum dated November 24, 2014 (Appendix A).
- Additional environmental testing was performed as needed during demolition and removal activities and further discussed in section 4.0.

3.4.5 Disposal

- The property's existing driveway was utilized as the primary route for loading and trucking operations and transportation around the project site.
- Prior to loading haul trucks, CTI performed rough grading around the project site to create haul routes for access to stockpiles on the east side and central areas of the site.
- Additional information on disposal is discussed in section 4.0.

3.5 PUMPING AND REMOVAL OF CONCRETE LINED PITS.

- A number of concrete lined pits filled with surface water were present throughout the site. The pits located during the initial survey were primarily located in the northeast corner of the site; however, several additional pits were uncovered in the central and northeastern portions of the site during removal of debris.
- Water was pumped with a 9,000 gallon vacuum truck, by Young's Environmental Cleanup, Inc.
- CTI removed CMU blocks and peastone backfill from the pits with an excavator to aid in pumping activities, as needed.
- A total of 20,841 gallons of water were pumped from 15 pits and transported to Advanced Resource Recovery - Inkster for disposal.
- For disposal purposes, water was sampled from concrete lined pits.
    - Analytical testing showing the water to be non-hazardous was previously performed on samples of the water collected by CTI environmental group.
- Existing concrete pits were then broken up in place and removed, with a focus on reducing disturbance to the underlying soils.
- Concrete debris was stockpiled and loaded into haul trucks with an excavator for disposal off-site.
- Any excavations or holes resulting from concrete removal were backfilled with adjacent soils.

3.6 SITE RESTORATION

- Site was graded to pre-work flow conditions.
- Soil erosion control measures were left in place for additional remediation activities to take place this year:
    - Additionally, installed approximately 300' of 3' silt fence at two locations near the site entry gate: running east from the entry gate towards Monroe Street and running along the southeast corner of the site along the perimeter fence.
    - Removed and replaced the existing inlet filters in the catch basins north and south of the site entrance on the west curb line of Monroe Street, and in the catch basin in the existing asphalt site access road.
- During grading, in preparation for future well raising, CTI removed the concrete collar and caps and excavated around the existing water and gas monitoring wells at the northeast corner of the site with an excavator.
- After unsuccessfully attempting to cut off the existing concrete-filled steel bollard at the northeast corner of the site below grade with a torch and chop saw, CTI removed the bollard and bollard foundation. Removal of the bollard foundation caused the adjacent existing pavement square outside of the perimeter fence to heave and break in half. A perimeter fence post had been bolted to this pavement section. CTI removed the broken concrete pavement, backfilled the foundation excavation, and reattached the perimeter fence, leaving the post on the backfill soil. Fence relocation was performed on a later date. CTI then filled the northeast corner of the site with existing soil

excavated and relocated from the western slope of the raised eastern quarter of the site.

- CTI raised the casting on existing sanitary sewer manhole #2 to avoid storm water intrusion into the manhole. The casting was placed on two courses of concrete bricks and mortar. Bagged concrete mix was then placed around the newly installed bricks and casting. CTI cut the newly installed PVC pipe extensions to proper elevation on the monitoring wells at the northeast corner of the site and reinstalled and repaired the concrete collars and metal caps. CTI also reinstalled and repaired the collar and cap on two additional monitoring wells damaged during site work. Concrete collars were repaired with mortar and concrete bricks, as needed.

3.7 DEMOBILIZATION

- The City of Saline requested that a pre and post construction camera inspection be performed on the existing sanitary sewer lines that run through the site.
  - The post-construction inspection was conducted September 25, 2015 by Young's Environmental Cleanup.
  - Young's Environmental CCTV'ed the existing sanitary lines between manholes #1, #2, #3, and #4, water jetting was not necessary for the camera unit to clear the pipe lines during the post construction inspection.
  - No new pipe damage was observed.
  - As during the initial inspection, the camera unit was not able to pass the damaged pipe section south of MH #2.
- CTI demobilized the office trailer, job trailer, roll-off dumpster, and all remaining equipment from the project site on 29 September 2015.

3.8 ADDITIONAL ACTIVITIES

- During site work activities, CTI located the brick well/cistern on the east side of the project site and after removal of the concrete cover, observed liquid at a depth of approximately 20' below ground surface. After environmental testing was performed by CTI, Young's Environmental pumped 1,278 gallons of non-hazardous water from the well/cistern with a turbo vacuum tanker truck and transported it to Advanced Resource Recovery – Inkster for disposal. Due to its depth and safety issues associated with its demolition and removal, the well/cistern was left in place until future phases of work are performed. CTI covered the well/cistern with plywood, 6-mil plastic sheeting, and several feet of soil.
- At the request of the City, CTI relocated the site's east perimeter chain-link fence in December, 2015. The fence was moved west outside of the City Right-of-Way (ROW). New posts were excavated and installed and the existing chain-link fence fabric was reused. The previously damaged fence post at the northeast corner of the site was reattached to the north perimeter fence. The existing fence posts and concrete foundations were removed from the ground and taken off site for disposal. After installation of the new 6' tall fence, disturbed areas east of the fence were raked, graded, and seeded with Geoturf Green Plus turf seed mixture. The seeded

areas were then covered with Excelsior SR-1 erosion control blankets. Prior to seeding, CTI removed the 3' silt fence previously installed along the perimeter fence line at the southeast corner of the site.

4.0 MANAGEMENT AND DISPOSAL OF MATERIALS

4.1 WASTE PROFILE

CTI provided laboratory analytical data and waste profiling information to disposal locations prior to removal. Waste profile documentation is included in Appendix D.

4.2 WASTE MANAGEMENT TRANSPORTATION AND DISPOSAL

For surficial debris piles, analytical testing was performed prior to removal of debris and appropriate disposal was selected. For excavated slab and foundation, the excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials until any environmental testing was performed and appropriate disposal location confirmed. A summary of the disposal follows:

- Asphalt debris from the west asphalt stockpile was delivered to the Cadillac Asphalt Wagner Rd Plant; however, it was rejected after dumping, due to excessive soil content. Additional asphalt was taken to the Cadillac Asphalt - Rawsonville Plant for recycling. The Rawsonville facility would not permit weighing of recycled materials on their scales, due to disruption of their asphalt production.
- Clean concrete debris from existing stockpiles was transportation to the Stoneco Ann Arbor Recycling Pit. Concrete was broken down to roughly 3'x3'x3' size, as requested by Stoneco.
- When the concrete and asphalt debris was not clean enough for recycling due to the presence of green staining, black staining, non-hazardous analytical results, and assorted debris, the remaining concrete and asphalt material was hauled for disposal at Republic - Sauk Trail Hills Landfill.
    - Concrete mixed with red brick and assorted debris content.
    - Concrete with excessive soil content.
    - Concrete with discoloration or staining.
    - Concrete mixed with brush and other vegetation.
    - Non-hazardous PCB impacted concrete
    - Asphalt debris not suitable for recycling due to excessive soil and debris.
- US Ecology delivered a total of seven (7), 20-cubic yard open top roll off boxes for disposal of chromium hazardous waste concrete. Roll off boxes were installed with plastic liners by the driver. The roll offs were loaded with an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris each, due to weight restrictions. Roll off boxes were picked up by US Ecology and delivered to Michigan Disposal Waste Treatment Plant for proper disposal.
- Young's Environmental Cleanup, Inc. pumped water from the concrete pits throughout the site and the well/cistern on the east side of the site, and transported it to Advanced Resource Recovery - Inkster for disposal.
- GLR Recycling picked up three (3), 30-cubic yard dumpsters of scrap metal salvaged from the project site.

4.3 WASTE MANIFESTS

All truckloads of waste transported off site for disposal were properly documented on manifests provided by the disposal facility. With the written approval of JCI, CTI representatives signed the manifests on behalf of JCI as an authorized agent. A copy of this approval letter is included in Appendix D. Upon return from the landfill, trip tickets with recorded tons or cubic yards were retained to document disposal.

4.4 ENVIRONMENTAL

Prior to the site work, CTI performed a site evaluation and sample collection used to determine disposal options for debris areas throughout the site. The site evaluation and sample collection activities were summarized in the Concrete Testing and Investigation for Disposal – Technical Memorandum dated November 24, 2014 (Appendix A).

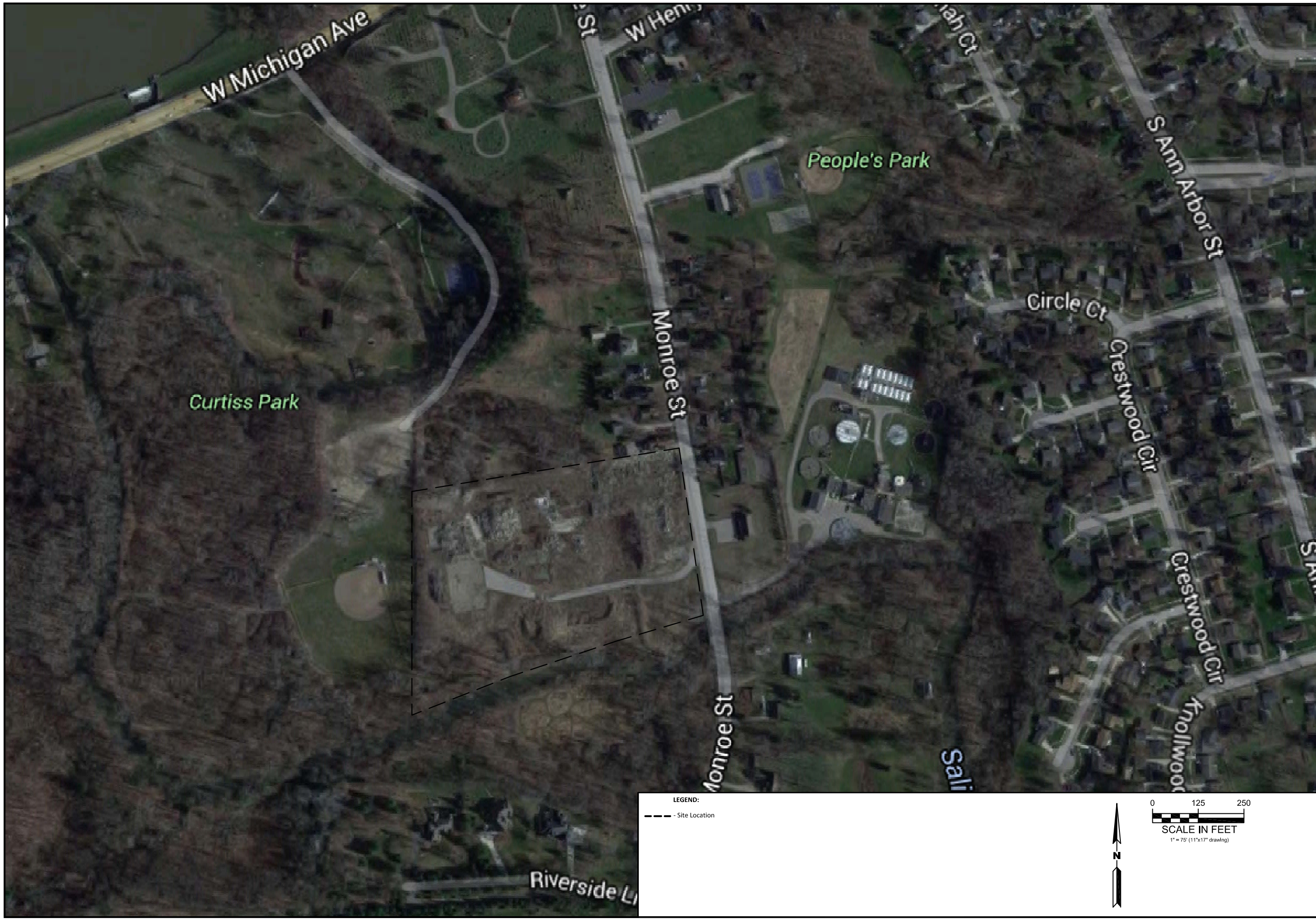
Additional environmental testing was performed as needed during demolition and removal activities. Appendix E includes a map of sample testing dates and locations, as well as the analytical results. A summary of results follows:

- As a result of analytical testing, a subsurface concrete channel running east-west at the northeast corner of the site was included as additional PCB special waste, and sent to Republic-Sauk Trail Hills Landfill for disposal.
- Analytical testing for concrete samples taken from the slab under the surficial pile for hazardous waste disposal due to chromium was non-hazardous and slabs were approved for recycling and/or disposal. Concrete from this area was sent to Republic-Sauk Trail Hills Landfill for disposal.
- Concrete and soil samples taken at areas of green and black discoloration and/or odor were not hazardous and were approved for recycling and/or disposal. Recycling supplier would not accept this concrete due to discoloration, so it was sent to Republic-Sauk Trail Hills Landfill for disposal.
- Water sampled from concrete lined pits around the project site was not hazardous, but was disposed off-site.

During debris removal activities several waste drums previously stored on site were also removed. The drums consisted of 4 solid waste drums marked "non-hazardous waste" and 4 liquid waste drums. Only 1 of the 4 liquid waste drums contained liquid, the remaining 3 were empty. Drums were opened and scanned utilizing a PID. One drum had traces of petroleum. CTI environmental group collected samples from the 4 metal drums and 1 plastic drum at the site gate for waste profile. The remaining 3 empty plastic drums were crushed and disposed of in a miscellaneous trash roll-off.

Figure 1

Site Location



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Novi, MI 48377

Ph: 800.CTI.TODAY

232 MONROE STREET
SALINE, MI

Site Location

CLIENT:
JCI
Plymouth, MI

REVISIONS:

Designed By:
J. Dickson
Drawn By:
E. Hobbs
Checked By:
J.R. DICKSON
Approved By:
A.J. LONERGAN

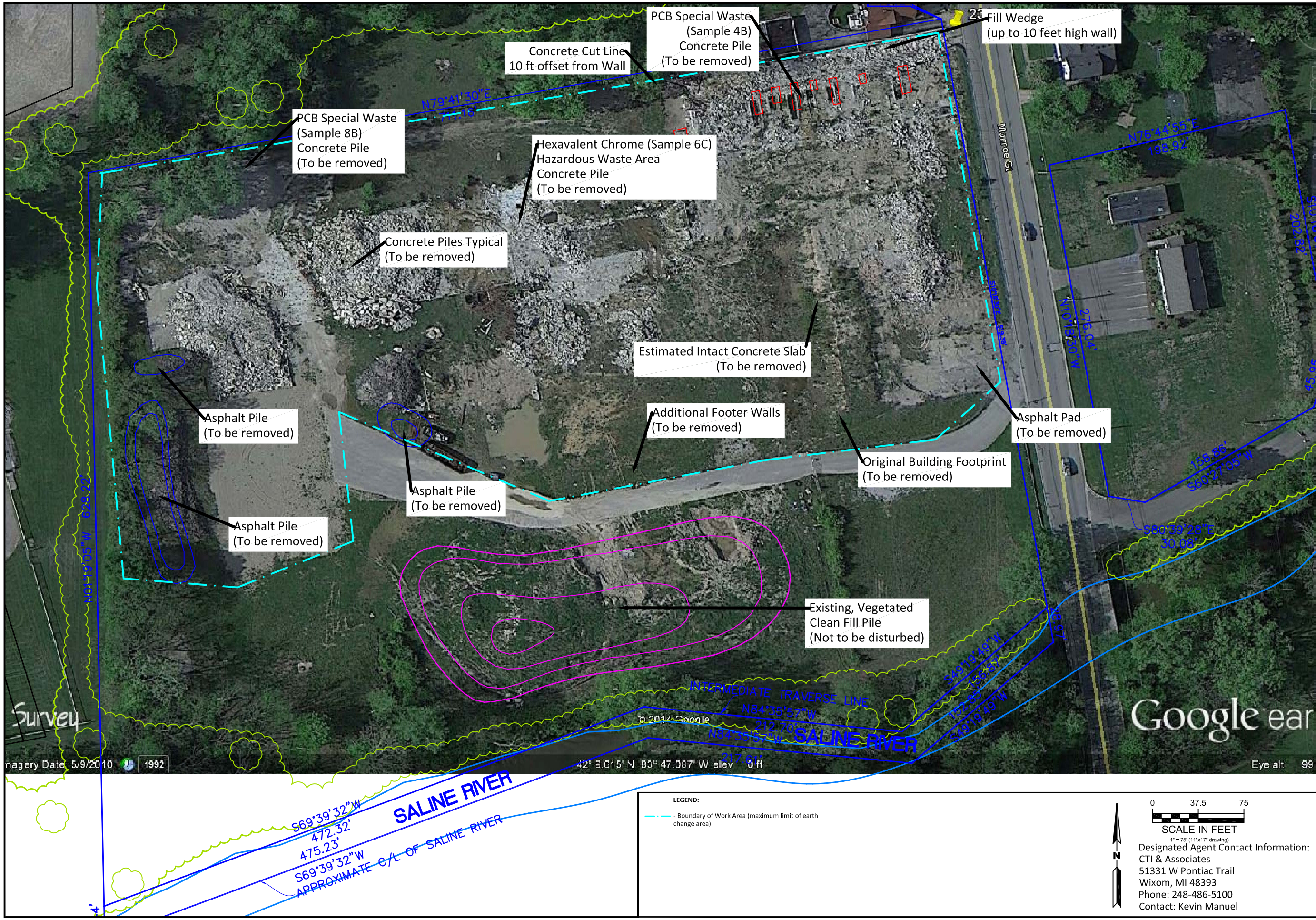
DATE
Aug 6, 2015

PROJECT NO.
JCI Monroe

FIGURE NO.
1

Figure 2

Debris and Slab Removal Map



LEGEND:

- Boundary of Work Area (maximum limit of earth change area)

0 37.5 75

SCALE IN FEET

1" = 75' (11"x17" drawing)

N

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232 MONROE STREET
SALINE, MI

Debris and Slab Removal Map

CLIENT:
JCI
Plymouth, MI

REVISIONS:

Designed By:
J. Dickson
Drawn By:
E. Hobbs
Checked By:
J.R. DICKSON
Approved By:
A.J. LONERGAN

DATE
Aug 6, 2015

PROJECT NO.
JCI Monroe

FIGURE NO.
2

Appendix A

Concrete Testing and Investigation for Disposal – Technical Memorandum

CTI and Associates, Inc.

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CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL
232 Monroe Street
Saline, MI

Technical Memorandum
November 24, 2014

Introduction
This memorandum summarizes CTI's activities and data collected during October 9-10, 2014, including the following:

- Site Evaluation
- Sample Collection
- Results of Analysis

Site Evaluation
Upon arrival to the site, CTI walked through the entire site to visually inspect the location and relative size and type of debris. Ten (10) distinct areas of concrete debris were identified, as well as two (2) piles of asphalt debris. Debris locations are shown on **Figure 1**.

Thirty (30) samples of concrete debris were collected for analysis, and were distributed between the areas based on relative volume. Areas 1, 2, 3, and 4 were determined to be the largest, and four (4) samples were collected from each of those. Areas 5, and 6 were determined to be medium size, and three (3) samples were collected from each of these. Areas 7, 8, 9, and 10 were determined relatively small, and only two (2) samples were collected from each of those. No samples of asphalt were collected for analysis.

Sample Collection
Samples were collected for analysis in the ten concrete debris areas identified above. At each sample location a piece of concrete of easily movable size (approximately 5-20 lbs) was selected, although several samples were broken off of larger structures utilizing a hammer and chisel. Once a movable piece of concrete was collected, it was taken to a flat surface and placed on a piece of cardboard with walls on three sides. Samples were then crushed utilizing a sledgehammer into <1" gravel sized pieces. The crushed concrete, as well as any concrete dust on the cardboard was then transferred to a one gallon size plastic bag and labelled. Sample volume collected was a minimum of ¼ of the plastic bag. Samples were labeled by area number (1-10) and then sample location letter (A, B, C, or D).

Samples from Areas 1, 2, 5, 6, 7, 8, and 9 were collected on October 9, 2014. Samples from Areas 3, 4, and 10 were collected on October 10, 2014. Approximate sample locations are shown on **Figure 1**. Sample descriptions and photolog of each location is included as **Attachment 1**.

Results of Analysis

All thirty (30) samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) Metals by EPA 1311/6000/7000 Series Methods, TCLP Volatile Organics by EPA Method 1311/8260B, and TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C. Additionally, ten (10) samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082A. The B sample from each of the ten concrete debris areas was selected for PCB analysis.

Samples were analyzed by Tri-Matrix Laboratories. The following is a summary of the results:

Sample ID	Analyte Detected	Analytical Result	Action Limit
1A	---	---	---
1B	---	---	---
1C	---	---	---
1D	---	---	---
2A	---	---	---
2B	---	---	---
2C	---	---	---
2D	---	---	---
3A	---	---	---
3B	---	---	---
3C	---	---	---
3D	---	---	---
4A	---	---	---
4B	**Total PCBs**	**3.1 mg/kg**	**4.8 mg/kg[1]**
4C	---	---	---
4D	---	---	---
5A	---	---	---
5B	---	---	---
5C	---	---	---
6A	---	---	---
6B	---	---	---
6C	**Chromium**	**16 mg/L**	**5 mg/L**
7A	---	---	---
7B	---	---	---
8A	---	---	---
8B	**Total PCBs**	**3.7 mg/kg**	**4.8 mg/kg[1]**
9A	---	---	---

9B	---	---	---
10A	---	---	---
10B	---	---	---

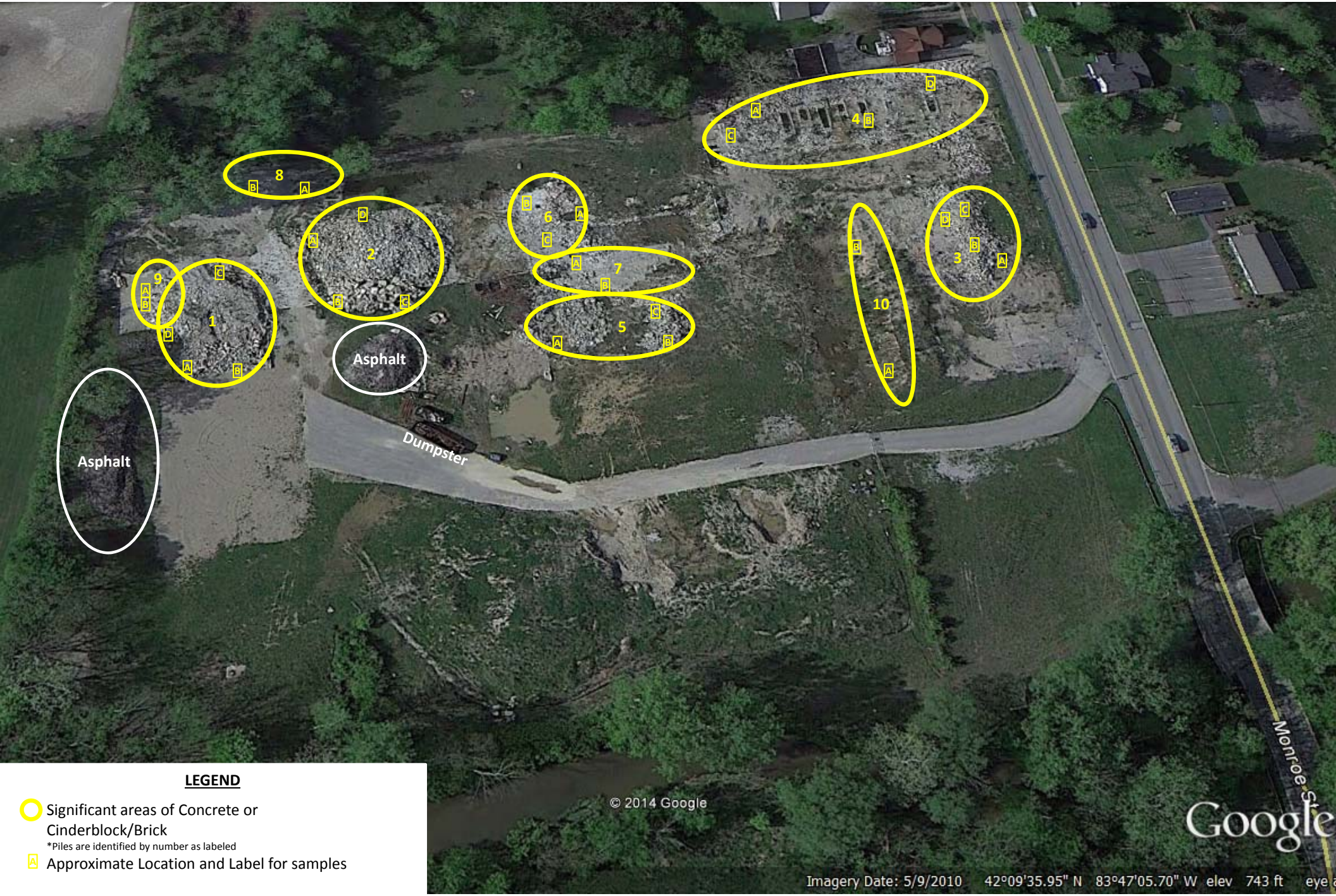
Note 1: Michigan Part 201 non-residential soil direct contact criterion.

A complete copy of the laboratory analytical results is included as **Attachment 2**.

ATTACHMENTS

- **Figure 1 –** Site and Sample Location Map
- **Attachment 1 –** Sample Log/Photolog
- **Attachment 2 –** Laboratory Analytical Results

Figure 1 – Site and Sample Location Map



LEGEND

Significant areas of Concrete or Cinderblock/Brick

*Piles are identified by number as labeled

A Approximate Location and Label for samples

SAMPLES COLLECTED (Samples are Identified by area number, and then sample location letter)

1 (A) (B) (C) (D)
2 (A) (B) (C) (D)
3 (A) (B) (C) (D)
4 (A) (B) (C) (D)
5 (A) (B) (C)
6 (A) (B) (C)
7 (A) (B)
8 (A) (B)
9 (A) (B)
10 (A) (B)

FIGURE 1
SITE AND SAMPLE LOCATION MAP
232 Monroe St., Saline, MI

Attachment 1 – Sample Log/Photolog

Photo Log for JCI – 232 Monroe St., Saline, MI

CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL

Overview of Site
Photo taken from the top of the hill just south of the driveway. Facing asphalt piles and Areas 1,2,8,9.

Overview of Site
Photo taken from the top of the hill just south of the driveway. Facing Areas 5,6,7.

Overview of Site
Photo taken from the top of the hill just south of the driveway. Facing Areas 3,4,10.

1A
Sample Collected from Base of Wall at SW Corner of Area 1

1B
Concrete sample collected from larger piece at SE Corner of Area 1.

1C
Sample collected from concrete pipe at NE Corner of Area 1.

Photo Log for JCI – 232 Monroe St., Saline, MI

CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL

1D
Small piece of concrete collected from W-NW Corner of Area 1.

2A
Concrete collected from larger slab on E side of Area 2.

2B
Small piece of concrete collected from N side of Area 2.

2C
Small piece of concrete with black colored weathering collected from SE side of Area 2.

2D
Small piece of concrete collected from NE side of Area 2.

3A
Small piece of concrete collected from E side of Area 3.

Photo Log for JCI – 232 Monroe St., Saline, MI

CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL

3B
Concrete collected from top center of Area 3.

3C
Concrete collected from N side of Area 3.
3D
Concrete collected from NW side of Area 3.

4A
Concrete collected from W side of Area 4, along the fence.

4B
Concrete collected from inside one of the dry pits near the center of Area 4.

4C
Cinderblock collected from W side of Area 4.

4D
Concrete collected from W side of Area 4, between the pits and the fence.

Photo Log for JCI – 232 Monroe St., Saline, MI

CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL

5A
Concrete collected from SW side of the west pile located in Area 5.
5B
Concrete collected from E side of the east pile located in Area 5.
5C
Concrete collected from NE side of the east pile located in Area 5.

6A
Concrete collected from E edge of pit located in the center of Area 6.

6B
Concrete collected from edge of floor slab in Area 6.

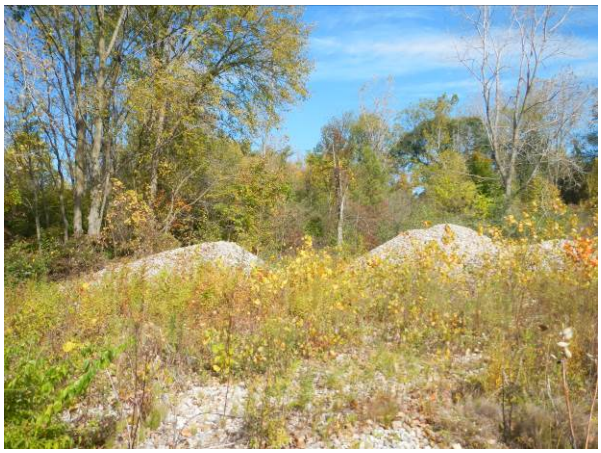
6C
Concrete collected from S side of debris pile in Area 6.

Photo Log for JCI – 232 Monroe St., Saline, MI

CONCRETE TESTING AND INVESTIGATION FOR DISPOSAL

7A
Concrete collected from edge of floor slab on the side of a hole in the concrete in Area 7.

7B
Concrete with green discoloration collected from small pile on S side of Area 7.



8A
Brick collected from S side of the east pile located in Area 8.
8B
Concrete cinderblock collected from S side of the west pile located in Area 8.

9A
Brick collected from W side of Area 9.
9B
Concrete cinderblock collected from W side of Area 9.

10A
Concrete with black discoloration on one side collected from wall on S side of Area 10.

10A
Concrete collected near N side of wall in Area 10.

Attachment 2 – Laboratory Analytical Results

October 31, 2014

CTI and Associates, Inc.
Attn: Ms. Dayna Kent
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Dayna Kent,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	**Received**	**Description**
1410306	10/14/2014	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Texas CEQ (#T104704495-14-4); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Narrative: Surrogate results are unavailable due to positive results in the sample, resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8082A

Sample/Analyte: 1410306-08 8B
1410306-24 4B

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Metals by EPA 1311/6000/7000 Series Methods

Narrative: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit.

Analysis: USEPA-6010C

Sample/Analyte:		
	1410306-11 2C	Cadmium
	1410306-11 2C	Lead
	1410306-24 4B	Arsenic
	1410306-24 4B	Lead

Narrative: This analyte was not present in this sample at a concentration greater than 50 times the MDL, therefore serial dilution is not required.

Analysis: USEPA-6010C

Sample/Analyte:		
	1410306-01 1A	Arsenic
	1410306-01 1A	Chromium
	1410306-11 2C	Arsenic
	1410306-24 4B	Silver

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Narrative: The MS and/or MSD recovery exceeded the upper control limit. The non-spiked sample result for the same analyte was non-detect.

Analysis: USEPA-8270C

Sample/Analyte:			
	1410306-01	1A	3+4-Methylphenol
	1410306-01	1A	Pyridine
	1410306-21	10A	3+4-Methylphenol

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STATEMENT OF DATA QUALIFICATIONS

TCLP Metals by EPA 1311/6000/7000 Series Methods

Qualification:	The MS and/or MSD recovery was outside the laboratory or method control limit.		
Analysis:	USEPA-7470A		
Sample/Analyte:	1410306-01	1A	Mercury

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
*Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:04	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 15:14 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 10:54 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24019

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*88*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*102*	*38-141*
2-Fluorobiphenyl	*97*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 22:14 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*90*	*45-135*
Tetrachloro-m-xylene	*94*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:19	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 15:42 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 11:24 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24019

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*104*	*38-141*
2-Fluorobiphenyl	*101*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:24	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 16:11 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 16:14 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*96*	*41-132*
2,4,6-Tribromophenol	*95*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:30	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 16:39 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 16:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*88*	*20-121*
Phenol-d6	*72*	*10-105*
Nitrobenzene-d5	*99*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*96*	*20-142*
o-Terphenyl	*120*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:35	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 17:07 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*103*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 17:15 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*98*	*38-141*
2-Fluorobiphenyl	*98*	*41-132*
2,4,6-Tribromophenol	*95*	*20-142*
o-Terphenyl	*121*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 22:42 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*86*	*45-135*
Tetrachloro-m-xylene	*90*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:54	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 17:35 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 17:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*89*	*20-121*
Phenol-d6	*73*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*91*	*20-142*
o-Terphenyl	*113*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:59	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 21:21 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 18:15 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*97*	*38-141*
2-Fluorobiphenyl	*94*	*41-132*
2,4,6-Tribromophenol	*91*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	10	Analyzed:	10/27/14 13:14 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	**1.7**	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	**2.0**	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:04	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 21:51 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 18:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*86*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*93*	*38-141*
2-Fluorobiphenyl	*94*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:09	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 22:19 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 09:55 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*99*	*38-141*
2-Fluorobiphenyl	*100*	*41-132*
2,4,6-Tribromophenol	*90*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 23:37 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*88*	*45-135*
Tetrachloro-m-xylene	*93*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Barium	**0.42**	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:15	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 22:50 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 10:25 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*98*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*85*	*20-142*
o-Terphenyl	*108*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:41	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 23:20 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 10:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*85*	*20-121*
Phenol-d6	*70*	*10-105*
Nitrobenzene-d5	*95*	*38-141*
2-Fluorobiphenyl	*96*	*41-132*
2,4,6-Tribromophenol	*83*	*20-142*
o-Terphenyl	*107*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:08	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 23:51 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 11:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*81*	*20-121*
Phenol-d6	*67*	*10-105*
Nitrobenzene-d5	*89*	*38-141*
2-Fluorobiphenyl	*89*	*41-132*
2,4,6-Tribromophenol	*74*	*20-142*
o-Terphenyl	*99*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:14	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 00:21 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 11:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*85*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*84*	*20-142*
o-Terphenyl	*106*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:04 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.35	0.35	
11104-28-2	PCB-1221	<0.35	0.35	
11141-16-5	PCB-1232	<0.35	0.35	
53469-21-9	PCB-1242	<0.35	0.35	
12672-29-6	PCB-1248	<0.35	0.35	
11097-69-1	PCB-1254	<0.35	0.35	
11096-82-5	PCB-1260	<0.35	0.35	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*86*	*45-135*
Tetrachloro-m-xylene	*90*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**95**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:19	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 00:49 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 12:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*86*	*20-121*
Phenol-d6	*70*	*10-105*
Nitrobenzene-d5	*97*	*38-141*
2-Fluorobiphenyl	*103*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Chromium	**16**	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:24	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 01:18 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 12:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*83*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*93*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*82*	*20-142*
o-Terphenyl	*104*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:30	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 01:48 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 13:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*89*	*20-121*
Phenol-d6	*72*	*10-105*
Nitrobenzene-d5	*100*	*38-141*
2-Fluorobiphenyl	*104*	*41-132*
2,4,6-Tribromophenol	*88*	*20-142*
o-Terphenyl	*112*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:32 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*92*	*45-135*
Tetrachloro-m-xylene	*93*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:35	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 02:19 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 14:18 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*92*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*100*	*38-141*
2-Fluorobiphenyl	*104*	*41-132*
2,4,6-Tribromophenol	*93*	*20-142*
o-Terphenyl	*111*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:40	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 02:47 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 14:48 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*95*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*105*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:59 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*85*	*45-135*
Tetrachloro-m-xylene	*89*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:46	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 03:16 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 15:19 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*95*	*20-121*
Phenol-d6	*79*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*122*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*131*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:04	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 03:46 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 15:49 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*119*	*41-132*
2,4,6-Tribromophenol	*106*	*20-142*
o-Terphenyl	*129*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Barium	**0.39**	0.35	100	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:09	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 04:16 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*103*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 16:19 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*98*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*111*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*99*	*20-142*
o-Terphenyl	*124*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 01:26 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*78*	*45-135*
Tetrachloro-m-xylene	*81*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:15	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 04:47 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 16:49 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*82*	*10-105*
Nitrobenzene-d5	*108*	*38-141*
2-Fluorobiphenyl	*105*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*121*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:20	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 05:17 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 17:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*114*	*41-132*
2,4,6-Tribromophenol	*94*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	10	Analyzed:	10/27/14 13:44 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	**1.2**	0.34	
11096-82-5	PCB-1260	**1.9**	0.34	

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:26	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 05:48 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 17:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*108*	*38-141*
2-Fluorobiphenyl	*106*	*41-132*
2,4,6-Tribromophenol	*99*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:31	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 12:33 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*98*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 18:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*82*	*10-105*
Nitrobenzene-d5	*112*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*102*	*20-142*
o-Terphenyl	*122*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:37	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:01 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 18:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*102*	*20-121*
Phenol-d6	*84*	*10-105*
Nitrobenzene-d5	*115*	*38-141*
2-Fluorobiphenyl	*116*	*41-132*
2,4,6-Tribromophenol	*103*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Barium	**0.41**	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:42	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:30 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 19:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*101*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*110*	*38-141*
2-Fluorobiphenyl	*115*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/27/14 14:18 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*90*	*45-135*
Tetrachloro-m-xylene	*95*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:48	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:58 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 19:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*113*	*38-141*
2-Fluorobiphenyl	*115*	*41-132*
2,4,6-Tribromophenol	*102*	*20-142*
o-Terphenyl	*127*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:57	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 14:26 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 20:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*111*	*38-141*
2-Fluorobiphenyl	*117*	*41-132*
2,4,6-Tribromophenol	*103*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 13:16	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 14:55 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 20:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*84*	*10-105*
Nitrobenzene-d5	*118*	*38-141*
2-Fluorobiphenyl	*121*	*41-132*
2,4,6-Tribromophenol	*105*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411517 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	10/23/2014	By: MSZ	
Unit: mg/kg wet					Analytical Batch:	4J27047		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33					0.33
Surrogates:								
Decachlorobiphenyl				*90*	*45-135*			
Tetrachloro-m-xylene				*90*	*56-123*			
Laboratory Control Sample					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg wet					Analytical Batch:	4J27047		
PCB-1016		0.204	**0.178**	87	68-129	--		0.33
PCB-1260		0.204	**0.203**	99	60-140	--		0.33
Surrogates:								
Decachlorobiphenyl				*93*	*45-135*			
Tetrachloro-m-xylene				*95*	*56-123*			
Matrix Spike 1410306-06 9B					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg dry					Analytical Batch:	4J27047		
PCB-1016	<0.34	0.209	**0.239**	114	49-128	--		0.34
PCB-1260	0.0104	0.209	**0.206**	94	48-138	--		0.34
Surrogates:								
Decachlorobiphenyl				*86*	*45-135*			
Tetrachloro-m-xylene				*89*	*56-123*			
Matrix Spike Duplicate 1410306-06 9B					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg dry					Analytical Batch:	4J27047		
PCB-1016	<0.34	0.209	**0.250**	120	49-128	5	30	0.34
PCB-1260	0.0104	0.209	**0.207**	94	48-138	0.6	30	0.34
Surrogates:								
Decachlorobiphenyl				*86*	*45-135*			
Tetrachloro-m-xylene				*89*	*56-123*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411866 5030B MS TCLP/USEPA-8260B

Method Blank — Analyzed: 10/24/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27009

Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank — Analyzed: 10/24/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27009

Surrogates:								
Dibromofluoromethane				*97*	*79-124*			
1,2-Dichloroethane-d4				*98*	*75-128*			
Toluene-d8				*96*	*87-113*			
4-Bromofluorobenzene				*94*	*70-121*			

Laboratory Control Sample — Analyzed: 10/24/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27009

Benzene		4.00	**4.03**	101	77-122	--		0.10
Carbon Tetrachloride		4.00	**3.76**	94	77-132	--		0.10
Chlorobenzene		4.00	**3.93**	98	76-128	--		0.10
Chloroform		4.00	**3.94**	98	78-127	--		0.10
1,2-Dichloroethane		4.00	**3.90**	97	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.03**	101	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.03**	101	32-178	--		5.0
Tetrachloroethene		4.00	**4.14**	103	78-131	--		0.10
Trichloroethene		4.00	**4.06**	101	72-129	--		0.10
Vinyl Chloride		4.00	**4.05**	101	66-139	--		0.10

Laboratory Control Sample — Analyzed: 10/24/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27009

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411866 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 10/24/2014 By: DLV
Unit: ug/L Analytical Batch: 4J27009

Surrogates:			
Dibromofluoromethane		*101*	*79-124*
1,2-Dichloroethane-d4		*97*	*75-128*
Toluene-d8		*101*	*87-113*
4-Bromofluorobenzene		*99*	*70-121*

QC Batch: 1411867 5030B MS TCLP/USEPA-8260B

Method Blank Analyzed: 10/24/2014 By: DLV
Unit: mg/L Analytical Batch: 4J27010

Benzene	<0.10	--	0.10
Carbon Tetrachloride	<0.10		0.10
Chlorobenzene	<0.10	--	0.10
Chloroform	<0.10		0.10
1,2-Dichloroethane	<0.10	--	0.10
1,1-Dichloroethene	<0.10		0.10
2-Butanone (MEK)	<5.0	--	5.0
Tetrachloroethene	<0.10		0.10
Trichloroethene	<0.10		0.10
Vinyl Chloride	<0.10		0.10

Method Blank Analyzed: 10/24/2014 By: DLV
Unit: ug/L Analytical Batch: 4J27010

Surrogates:			
Dibromofluoromethane		*96*	*79-124*
1,2-Dichloroethane-d4		*97*	*75-128*
Toluene-d8		*96*	*87-113*
4-Bromofluorobenzene		*95*	*70-121*

Laboratory Control Sample Analyzed: 10/24/2014 By: DLV
Unit: mg/L Analytical Batch: 4J27010

Benzene	4.00	**4.20**	105	77-122	--		0.10
Carbon Tetrachloride	4.00	**3.90**	98	77-132	--		0.10
Chlorobenzene	4.00	**4.06**	102	76-128	--		0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411867 (Continued) 5030B MS TCLP/USEPA-8260B								
Laboratory Control Sample (Continued)					Analyzed:	10/24/2014	By: DLV	
Unit: mg/L					Analytical Batch:	4J27010		
Chloroform		4.00	**4.09**	102	78-127	--		0.10
1,2-Dichloroethane		4.00	**4.01**	100	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.18**	105	71-129	--		0.10
2-Butanone (MEK)		4.00	**3.88**	97	32-178	--		5.0
Tetrachloroethene		4.00	**4.34**	108	78-131	--		0.10
Trichloroethene		4.00	**4.51**	113	72-129	--		0.10
Vinyl Chloride		4.00	**4.26**	106	66-139	--		0.10
Laboratory Control Sample					Analyzed:	10/24/2014	By: DLV	
Unit: ug/L					Analytical Batch:	4J27010		
Surrogates:								
Dibromofluoromethane				*101*	*79-124*			
1,2-Dichloroethane-d4				*97*	*75-128*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*100*	*70-121*			
Matrix Spike 1410306-24 4B					Analyzed:	10/25/2014	By: DLV	
Unit: mg/L					Analytical Batch:	4J27010		
Benzene	<0.10	4.00	**4.14**	104	71-124	--		0.10
Carbon Tetrachloride	<0.10	4.00	**3.85**	96	58-141	--		0.10
Chlorobenzene	<0.10	4.00	**3.97**	99	79-121	--		0.10
Chloroform	<0.10	4.00	**4.05**	101	72-125	--		0.10
1,2-Dichloroethane	<0.10	4.00	**4.06**	101	62-131	--		0.10
1,1-Dichloroethene	<0.10	4.00	**4.10**	102	59-135	--		0.10
2-Butanone (MEK)	<5.0	4.00	**3.65**	91	10-183	--		5.0
Tetrachloroethene	<0.10	4.00	**4.02**	101	65-138	--		0.10
Trichloroethene	<0.10	4.00	**4.07**	102	64-133	--		0.10
Vinyl Chloride	<0.10	4.00	**4.11**	103	50-141	--		0.10
Matrix Spike 1410306-24 4B					Analyzed:	10/25/2014	By: DLV	
Unit: ug/L					Analytical Batch:	4J27010		
Surrogates:								
Dibromofluoromethane				*103*	*79-124*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411867 (Continued) 5030B MS TCLP/USEPA-8260B

Matrix Spike (Continued) 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27010

Surrogates (Continued):

1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*103*	*87-113*
4-Bromofluorobenzene	*103*	*70-121*

Matrix Spike Duplicate 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27010

Benzene	<0.10	4.00	**4.22**	106	71-124	2	16	0.10
Carbon Tetrachloride	<0.10	4.00	**3.98**	100	58-141	4	17	0.10
Chlorobenzene	<0.10	4.00	**4.03**	101	79-121	2	16	0.10
Chloroform	<0.10	4.00	**4.11**	103	72-125	1	15	0.10
1,2-Dichloroethane	<0.10	4.00	**4.02**	101	62-131	0.8	18	0.10
1,1-Dichloroethene	<0.10	4.00	**4.27**	107	59-135	4	20	0.10
2-Butanone (MEK)	<5.0	4.00	**3.69**	92	10-183	1	20	5.0
Tetrachloroethene	<0.10	4.00	**4.21**	105	65-138	4	17	0.10
Trichloroethene	<0.10	4.00	**4.20**	105	64-133	3	18	0.10
Vinyl Chloride	<0.10	4.00	**4.39**	110	50-141	7	22	0.10

Matrix Spike Duplicate 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27010

Surrogates:

Dibromofluoromethane	*101*	*79-124*
1,2-Dichloroethane-d4	*97*	*75-128*
Toluene-d8	*102*	*87-113*
4-Bromofluorobenzene	*101*	*70-121*

QC Batch: 1411949 5030B MS TCLP/USEPA-8260B

Method Blank — Analyzed: 10/27/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J28008

Benzene	<0.10		0.10
Carbon Tetrachloride	<0.10		0.10
Chlorobenzene	<0.10		0.10
Chloroform	<0.10	--	0.10
1,2-Dichloroethane	<0.10		0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

QC Batch: 1411949 (Continued) 5030B MS TCLP/USEPA-8260B

Method Blank (Continued) Analyzed: 10/27/2014 By: DLV
Unit: mg/L Analytical Batch: 4J28008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank Analyzed: 10/27/2014 By: DLV
Unit: ug/L Analytical Batch: 4J28008

Surrogates:		
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*96*	*75-128*
Toluene-d8	*96*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

Laboratory Control Sample Analyzed: 10/27/2014 By: DLV
Unit: mg/L Analytical Batch: 4J28008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		4.00	**4.13**	103	77-122	--		0.10
Carbon Tetrachloride		4.00	**3.97**	99	77-132	--		0.10
Chlorobenzene		4.00	**3.98**	100	76-128	--		0.10
Chloroform		4.00	**3.99**	100	78-127	--		0.10
1,2-Dichloroethane		4.00	**3.85**	96	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.22**	105	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.16**	104	32-178	--		5.0
Tetrachloroethene		4.00	**4.25**	106	78-131	--		0.10
Trichloroethene		4.00	**4.28**	107	72-129	--		0.10
Vinyl Chloride		4.00	**4.27**	107	66-139	--		0.10

Laboratory Control Sample Analyzed: 10/27/2014 By: DLV
Unit: ug/L Analytical Batch: 4J28008

Surrogates:		
Dibromofluoromethane	*100*	*79-124*
1,2-Dichloroethane-d4	*95*	*75-128*
Toluene-d8	*101*	*87-113*

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411949 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 10/27/2014 By: DLV

Unit: ug/L Analytical Batch: 4J28008

Surrogates (Continued):

4-Bromofluorobenzene	*99*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1411519 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 10/23/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J24019

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0			--		1.0
Pentachlorophenol			<1.5			--		1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*78*	*20-121*			
Phenol-d6				*63*	*10-105*			
Nitrobenzene-d5				*90*	*38-141*			
2-Fluorobiphenyl				*88*	*41-132*			
2,4,6-Tribromophenol				*79*	*20-142*			
o-Terphenyl				*96*	*39-148*			

Laboratory Control Sample — Analyzed: 10/23/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J24019

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.88**	94	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.80**	90	42-125	--		0.10
Hexachlorobenzene		2.00	**1.96**	98	26-141	--		0.10
Hexachlorobutadiene		2.00	**1.81**	90	39-120	--		0.10
Hexachloroethane		2.00	**1.88**	94	34-125	--		0.20
Nitrobenzene		2.00	**1.97**	98	52-129	--		0.20
Pyridine		2.00	**1.51**	76	5-120	--		1.0
Pentachlorophenol		2.00	**1.63**	82	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**2.00**	100	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**1.99**	99	36-137	--		0.60

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411519 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C								
Laboratory Control Sample (Continued)					Analyzed:		10/23/2014	By: JLB
Unit: mg/L					Analytical Batch:		4J24019	
2-Methylphenol		2.00	**1.93**	97	37-125	--		0.20
3+4-Methylphenol		4.00	**3.92**	98	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*92*	*20-121*			
Phenol-d6				*77*	*10-105*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*100*	*41-132*			
2,4,6-Tribromophenol				*98*	*20-142*			
o-Terphenyl				*110*	*39-148*			
Matrix Spike 1410306-01 1A					Analyzed:		10/29/2014	By: JLB
Unit: mg/L					Analytical Batch:		4J30034	
1,4-Dichlorobenzene	<0.20	2.00	**2.12**	106	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.91**	95	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.21**	110	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.97**	98	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**2.14**	107	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.20**	110	48-135	--		0.20
Pyridine	<1.0	2.00	**1.98**	**99**	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**1.88**	94	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.33**	116	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.28**	114	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**2.22**	111	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**4.43**	**111**	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*104*	*20-121*			
Phenol-d6				*88*	*10-105*			
Nitrobenzene-d5				*116*	*38-141*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411519 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1410306-01 1A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
2-Fluorobiphenyl				*115*	*41-132*			
2,4,6-Tribromophenol				*108*	*20-142*			
o-Terphenyl				*127*	*39-148*			

Matrix Spike Duplicate 1410306-01 1A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.08**	104	45-128	2	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.92**	96	41-130	0.4	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.20**	110	45-135	0.4	17	0.10
Hexachlorobutadiene	<0.10	2.00	**1.98**	99	33-107	0.6	20	0.10
Hexachloroethane	<0.20	2.00	**2.13**	107	46-134	0.6	19	0.20
Nitrobenzene	<0.20	2.00	**2.17**	109	48-135	1	16	0.20
Pyridine	<1.0	2.00	**1.76**	88	27-96	12	20	1.0
Pentachlorophenol	<1.5	2.00	**1.91**	96	42-106	2	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.32**	116	31-133	0.3	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.29**	114	35-132	0.3	25	0.60
2-Methylphenol	<0.20	2.00	**2.19**	109	38-118	1	20	0.20
3+4-Methylphenol	<0.20	4.00	**4.37**	**109**	26-89	1	37	0.20
Surrogates:								
2-Fluorophenol				*103*	*20-121*			
Phenol-d6				*85*	*10-105*			
Nitrobenzene-d5				*114*	*38-141*			
2-Fluorobiphenyl				*114*	*41-132*			
2,4,6-Tribromophenol				*110*	*20-142*			
o-Terphenyl				*128*	*39-148*			

QC Batch: 1411598 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Result	RPD	RL
1,4-Dichlorobenzene	<0.20	--	0.20
2,4-Dinitrotoluene	<0.10	--	0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank (Continued) — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Hexachlorobenzene			<0.10			--		0.10
Hexachlorobutadiene			<0.10			--		0.10
Hexachloroethane			<0.20			--		0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0			--		1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20			--		0.20
2,4,5-Trichlorophenol			<0.60			--		0.60
2-Methylphenol			<0.20			--		0.20
3+4-Methylphenol			<0.20			--		0.20
Surrogates:								
2-Fluorophenol				*89*	*20-121*			
Phenol-d6				*73*	*10-105*			
Nitrobenzene-d5				*102*	*38-141*			
2-Fluorobiphenyl				*103*	*41-132*			
2,4,6-Tribromophenol				*88*	*20-142*			
o-Terphenyl				*107*	*39-148*			

Laboratory Control Sample — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.84**	92	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.48**	74	42-125	--		0.10
Hexachlorobenzene		2.00	**2.02**	101	26-141	--		0.10
Hexachlorobutadiene		2.00	**1.74**	87	39-120	--		0.10
Hexachloroethane		2.00	**1.74**	87	34-125	--		0.20
Nitrobenzene		2.00	**1.87**	94	52-129	--		0.20
Pyridine		2.00	**1.49**	74	5-120	--		1.0
Pentachlorophenol		2.00	**1.01**	51	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**1.85**	93	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**1.80**	90	36-137	--		0.60
2-Methylphenol		2.00	**1.86**	93	37-125	--		0.20
3+4-Methylphenol		4.00	**3.73**	93	45-125	--		0.20

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 10/24/2014 By: JLB
Unit: mg/L Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
2-Fluorophenol				*87*	*20-121*			
Phenol-d6				*73*	*10-105*			
Nitrobenzene-d5				*98*	*38-141*			
2-Fluorobiphenyl				*98*	*41-132*			
2,4,6-Tribromophenol				*94*	*20-142*			
o-Terphenyl				*103*	*39-148*			

Matrix Spike 1410306-21 10A Analyzed: 10/29/2014 By: JLB
Unit: mg/L Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.02**	101	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.92**	96	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.17**	108	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.89**	95	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**2.07**	104	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.16**	108	48-135	--		0.20
Pyridine	<1.0	2.00	**1.62**	81	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**1.97**	98	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.24**	112	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.24**	112	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**2.17**	108	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**4.38**	**109**	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*100*	*20-121*			
Phenol-d6				*86*	*10-105*			
Nitrobenzene-d5				*112*	*38-141*			
2-Fluorobiphenyl				*111*	*41-132*			
2,4,6-Tribromophenol				*105*	*20-142*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1410306-21 10A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
o-Terphenyl				*120*	*39-148*			

Matrix Spike Duplicate 1410306-21 10A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.01**	100	45-128	0.7	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.87**	93	41-130	3	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.10**	105	45-135	3	17	0.10
Hexachlorobutadiene	<0.10	2.00	**1.93**	97	33-107	2	20	0.10
Hexachloroethane	<0.20	2.00	**2.05**	103	46-134	1	19	0.20
Nitrobenzene	<0.20	2.00	**2.18**	109	48-135	0.9	16	0.20
Pyridine	<1.0	2.00	**1.37**	68	27-96	17	20	1.0
Pentachlorophenol	<1.5	2.00	**1.88**	94	42-106	5	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.26**	113	31-133	1	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.24**	112	35-132	0	25	0.60
2-Methylphenol	<0.20	2.00	**2.17**	108	38-118	0.09	20	0.20
3+4-Methylphenol	<0.20	4.00	**4.34**	**109**	26-89	0.8	37	0.20
Surrogates:								
2-Fluorophenol				*101*	*20-121*			
Phenol-d6				*86*	*10-105*			
Nitrobenzene-d5				*113*	*38-141*			
2-Fluorobiphenyl				*112*	*41-132*			
2,4,6-Tribromophenol				*102*	*20-142*			
o-Terphenyl				*119*	*39-148*			

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Percent Solids/USEPA-3550C									
QC Batch: 1411532 (General Inorganic Prep)							Analyzed: 10/20/2014		By: KLA
Method Blank			<0.1	%					0.1
1410306-02 [1B]									
Duplicate	97		**97**	%			0.7	5	0.1

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**1.95**	mg/L	98	80-120			0.50
1410306-01 [1A]									
Matrix Spike	0.119	2.00	**2.14**	mg/L	101	75-125			0.50
Matrix Spike Duplicate	0.119	2.00	**2.07**	mg/L	97	75-125	3	20	0.50
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**2.01**	mg/L	100	80-120			0.50
1410306-11 [2C]									
Matrix Spike	0.118	2.00	**1.80**	mg/L	84	75-125			0.50
Matrix Spike Duplicate	0.118	2.00	**1.90**	mg/L	89	75-125	5	20	0.50
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.00**	mg/L	100	80-120			0.20
1410306-24 [4B]									
Matrix Spike	<0.20	2.00	**1.47**	mg/L	**74**	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.64**	mg/L	82	75-125	11	20	0.20
Analyte: Barium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.371**	mg/L	93	80-120			0.35
1410306-01 [1A]									
Matrix Spike	0.280	0.400	**0.700**	mg/L	105	75-125			0.35
Matrix Spike Duplicate	0.280	0.400	**0.660**	mg/L	95	75-125	6	20	0.35
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.386**	mg/L	97	80-120			0.35

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Barium/USEPA-6010C (Continued)									
QC Batch: 1411412 (Continued) (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-11 [2C]									
Matrix Spike	0.300	0.400	**0.629**	mg/L	82	75-125			0.35
Matrix Spike Duplicate	0.300	0.400	**0.651**	mg/L	88	75-125	3	20	0.35
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		0.400	**0.381**	mg/L	95	80-120			0.20
1410306-24 [4B]									
Matrix Spike	0.222	0.400	**0.535**	mg/L	78	75-125			0.20
Matrix Spike Duplicate	0.222	0.400	**0.558**	mg/L	84	75-125	4	20	0.20
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.365**	mg/L	91	80-120			0.050
1410306-01 [1A]									
Matrix Spike	0.00998	0.400	**0.360**	mg/L	88	75-125			0.050
Matrix Spike Duplicate	0.00998	0.400	**0.353**	mg/L	86	75-125	2	20	0.050
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.380**	mg/L	95	80-120			0.050
1410306-11 [2C]									
Matrix Spike	0.00477	0.400	**0.299**	mg/L	**74**	75-125			0.050
Matrix Spike Duplicate	0.00477	0.400	**0.320**	mg/L	79	75-125	7	20	0.050
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.010	mg/L					0.010
Laboratory Control Sample		0.400	**0.383**	mg/L	96	80-120			0.010
1410306-24 [4B]									
Matrix Spike	0.00730	0.400	**0.323**	mg/L	79	75-125			0.010
Matrix Spike Duplicate	0.00730	0.400	**0.360**	mg/L	88	75-125	11	20	0.010

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Chromium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.369**	mg/L	92	80-120			0.25
1410306-01 [1A]									
Matrix Spike	0.0162	0.400	**0.385**	mg/L	92	75-125			0.25
Matrix Spike Duplicate	0.0162	0.400	**0.374**	mg/L	89	75-125	3	20	0.25
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.380**	mg/L	95	80-120			0.25
1410306-11 [2C]									
Matrix Spike	0.00593	0.400	**0.308**	mg/L	75	75-125			0.25
Matrix Spike Duplicate	0.00593	0.400	**0.332**	mg/L	82	75-125	8	20	0.25
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.080	mg/L					0.080
Laboratory Control Sample		0.400	**0.382**	mg/L	95	80-120			0.080
1410306-24 [4B]									
Matrix Spike	0.0233	0.400	**0.345**	mg/L	80	75-125			0.080
Matrix Spike Duplicate	0.0233	0.400	**0.378**	mg/L	89	75-125	9	20	0.080
Analyte: Lead/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.360**	mg/L	90	80-120			0.25
1410306-01 [1A]									
Matrix Spike	<0.25	0.400	**0.347**	mg/L	87	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.331**	mg/L	83	75-125	5	20	0.25
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.368**	mg/L	92	80-120			0.25

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1411412 (Continued) (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-11 [2C]									
Matrix Spike	<0.25	0.400	**0.285**	mg/L	**71**	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.303**	mg/L	76	75-125	6	20	0.25
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.10	mg/L					0.10
Laboratory Control Sample		0.400	**0.372**	mg/L	93	80-120			0.10
1410306-24 [4B]									
Matrix Spike	<0.10	0.400	**0.277**	mg/L	**69**	75-125			0.10
Matrix Spike Duplicate	<0.10	0.400	**0.306**	mg/L	76	75-125	10	20	0.10
Analyte: Mercury/USEPA-7470A									
QC Batch: 1411623 (7470A TCLP Digestion)							Analyzed: 10/23/2014		By: CKD
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00211**	mg/L	105	80-120			0.00020
1410306-01 [1A]									
Matrix Spike	<0.00020	0.00200	**0.00131**	mg/L	**65**	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00135**	mg/L	**67**	80-120	3	20	0.00020
QC Batch: 1411627 (7470A TCLP Digestion)							Analyzed: 10/23/2014		By: CKD
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00206**	mg/L	103	80-120			0.00020
1410306-11 [2C]									
Matrix Spike	<0.00020	0.00200	**0.00194**	mg/L	97	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00188**	mg/L	94	80-120	3	20	0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**1.96**	mg/L	98	80-120			0.20
1410306-01 [1A]									
Matrix Spike	<0.20	2.00	**2.02**	mg/L	101	75-125			0.20

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Selenium/USEPA-6010C (Continued)									
QC Batch: 1411384 (Continued) (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-01 [1A]									
Matrix Spike Duplicate	<0.20	2.00	**1.91**	mg/L	95	75-125	6	20	0.20
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.01**	mg/L	100	80-120			0.20
1410306-11 [2C]									
Matrix Spike	<0.20	2.00	**1.67**	mg/L	84	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.73**	mg/L	86	75-125	3	20	0.20
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.03**	mg/L	102	80-120			0.20
1410306-24 [4B]									
Matrix Spike	<0.20	2.00	**1.56**	mg/L	78	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.77**	mg/L	88	75-125	13	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.383**	mg/L	96	80-120			0.050
1410306-01 [1A]									
Matrix Spike	<0.050	0.400	**0.412**	mg/L	103	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.399**	mg/L	100	75-125	3	20	0.050
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.388**	mg/L	97	80-120			0.050
1410306-11 [2C]									
Matrix Spike	<0.050	0.400	**0.321**	mg/L	80	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.347**	mg/L	87	75-125	8	20	0.050
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.010	mg/L					0.010

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Silver/USEPA-6010C (Continued)									
QC Batch: 1411580 (Continued) (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Laboratory Control Sample		0.400	**0.389**	mg/L	97	80-120			0.010
1410306-24 [4B]									
Matrix Spike	0.0247	0.400	**0.353**	mg/L	82	75-125			0.010
Matrix Spike Duplicate	0.0247	0.400	**0.386**	mg/L	90	75-125	9	20	0.010

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (SPLP)	1410306-01	1411384	MAS	10/16/14 07:00
	1410306-02	1411384	MAS	10/16/14 07:00
	1410306-03	1411384	MAS	10/16/14 07:00
	1410306-04	1411384	MAS	10/16/14 07:00
	1410306-05	1411384	MAS	10/16/14 07:00
	1410306-06	1411384	MAS	10/16/14 07:00
	1410306-07	1411384	MAS	10/16/14 07:00
	1410306-08	1411384	MAS	10/16/14 07:00
	1410306-09	1411384	MAS	10/16/14 07:00
	1410306-10	1411384	MAS	10/16/14 07:00
USEPA-3010A Metals Digestion (TCLP)	1410306-11	1411412	MAS	10/17/14 07:00
	1410306-12	1411412	MAS	10/17/14 07:00
	1410306-13	1411412	MAS	10/17/14 07:00
	1410306-14	1411412	MAS	10/17/14 07:00
	1410306-15	1411412	MAS	10/17/14 07:00
	1410306-16	1411412	MAS	10/17/14 07:00
	1410306-17	1411412	MAS	10/17/14 07:00
	1410306-18	1411412	MAS	10/17/14 07:00
	1410306-19	1411412	MAS	10/17/14 07:00
	1410306-20	1411412	MAS	10/17/14 07:00
	1410306-21	1411580	MAS	10/21/14 07:00
	1410306-22	1411580	MAS	10/21/14 07:00
	1410306-23	1411580	MAS	10/21/14 07:00
	1410306-24	1411580	MAS	10/21/14 07:00
	1410306-25	1411580	MAS	10/21/14 07:00
	1410306-26	1411580	MAS	10/21/14 07:00
	1410306-27	1411580	MAS	10/21/14 07:00
	1410306-28	1411580	MAS	10/21/14 07:00
	1410306-29	1411580	MAS	10/21/14 07:00
	1410306-30	1411580	MAS	10/21/14 07:00
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1410306-01	1411519	JBA	10/20/14 07:25
	1410306-02	1411519	JBA	10/20/14 07:25
	1410306-03	1411519	JBA	10/20/14 07:25
	1410306-04	1411519	JBA	10/20/14 07:25
	1410306-05	1411519	JBA	10/20/14 07:25
	1410306-06	1411519	JBA	10/20/14 07:25
	1410306-07	1411519	JBA	10/20/14 07:25
	1410306-08	1411519	JBA	10/20/14 07:25
	1410306-09	1411519	JBA	10/20/14 07:25
	1410306-10	1411519	JBA	10/20/14 07:25
	1410306-11	1411519	JBA	10/20/14 07:25
	1410306-12	1411519	JBA	10/20/14 07:25
	1410306-13	1411519	JBA	10/20/14 07:25

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-14	1411519	JBA	10/20/14 07:25
	1410306-15	1411519	JBA	10/20/14 07:25
	1410306-16	1411519	JBA	10/20/14 07:25
	1410306-17	1411519	JBA	10/20/14 07:25
	1410306-18	1411519	JBA	10/20/14 07:25
	1410306-19	1411519	JBA	10/20/14 07:25
	1410306-20	1411519	JBA	10/20/14 07:25
	1410306-21	1411598	ALK	10/21/14 09:02
	1410306-22	1411598	ALK	10/21/14 09:02
	1410306-23	1411598	ALK	10/21/14 09:02
	1410306-24	1411598	ALK	10/21/14 09:02
	1410306-25	1411598	ALK	10/21/14 09:02
	1410306-26	1411598	ALK	10/21/14 09:02
	1410306-27	1411598	ALK	10/21/14 09:02
	1410306-28	1411598	ALK	10/21/14 09:02
	1410306-29	1411598	ALK	10/21/14 09:02
	1410306-30	1411598	ALK	10/21/14 09:02
USEPA-3545A Pressurized Fluid Extraction (PFE)	1410306-02	1411517	ALK	10/20/14 07:23
	1410306-06	1411517	ALK	10/20/14 07:23
	1410306-08	1411517	ALK	10/20/14 07:23
	1410306-10	1411517	ALK	10/20/14 07:23
	1410306-14	1411517	ALK	10/20/14 07:23
	1410306-17	1411517	ALK	10/20/14 07:23
	1410306-19	1411517	ALK	10/20/14 07:23
	1410306-22	1411517	ALK	10/20/14 07:23
	1410306-24	1411517	ALK	10/20/14 07:23
	1410306-28	1411517	ALK	10/20/14 07:23
USEPA-3665A/3660B Sulfuric Acid/Sulfur Cleanup	1410306-02	4J20080	JBA	10/20/14 15:45
	1410306-06	4J20080	JBA	10/20/14 15:45
	1410306-08	4J20080	JBA	10/20/14 15:45
	1410306-10	4J20080	JBA	10/20/14 15:45
	1410306-14	4J20080	JBA	10/20/14 15:45
	1410306-17	4J20080	JBA	10/20/14 15:45
	1410306-19	4J20080	JBA	10/20/14 15:45
	1410306-22	4J20080	JBA	10/20/14 15:45
	1410306-24	4J20080	JBA	10/20/14 15:45
	1410306-28	4J20080	JBA	10/20/14 15:45
USEPA-7470A Mercury Digestion (TCLP)	1410306-01	1411623	MAS	10/22/14 13:00
	1410306-02	1411623	MAS	10/22/14 13:00
	1410306-03	1411623	MAS	10/22/14 13:00
	1410306-04	1411623	MAS	10/22/14 13:00
	1410306-05	1411623	MAS	10/22/14 13:00
	1410306-06	1411623	MAS	10/22/14 13:00

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-07	1411623	MAS	10/22/14 13:00
	1410306-08	1411623	MAS	10/22/14 13:00
	1410306-09	1411623	MAS	10/22/14 13:00
	1410306-10	1411623	MAS	10/22/14 13:00
	1410306-11	1411627	MAS	10/22/14 13:00
	1410306-12	1411627	MAS	10/22/14 13:00
	1410306-13	1411627	MAS	10/22/14 13:00
	1410306-14	1411627	MAS	10/22/14 13:00
	1410306-15	1411627	MAS	10/22/14 13:00
	1410306-16	1411627	MAS	10/22/14 13:00
	1410306-17	1411627	MAS	10/22/14 13:00
	1410306-18	1411627	MAS	10/22/14 13:00
	1410306-19	1411627	MAS	10/22/14 13:00
	1410306-20	1411627	MAS	10/22/14 13:00
	1410306-21	1411627	MAS	10/22/14 13:00
	1410306-22	1411627	MAS	10/22/14 13:00
	1410306-23	1411627	MAS	10/22/14 13:00
	1410306-24	1411627	MAS	10/22/14 13:00
	1410306-25	1411627	MAS	10/22/14 13:00
	1410306-26	1411627	MAS	10/22/14 13:00
	1410306-27	1411627	MAS	10/22/14 13:00
	1410306-28	1411627	MAS	10/22/14 13:00
	1410306-29	1411627	MAS	10/22/14 13:00
	1410306-30	1411627	MAS	10/22/14 13:00
USEPA-1311 TCLP Extraction (Metals)	1410306-01	1411380	MAS	10/15/14 13:30
	1410306-02	1411380	MAS	10/15/14 13:30
	1410306-03	1411380	MAS	10/15/14 13:30
	1410306-04	1411380	MAS	10/15/14 13:30
	1410306-05	1411380	MAS	10/15/14 13:30
	1410306-06	1411380	MAS	10/15/14 13:30
	1410306-07	1411380	MAS	10/15/14 13:30
	1410306-08	1411380	MAS	10/15/14 13:30
	1410306-09	1411380	MAS	10/15/14 13:30
	1410306-10	1411380	MAS	10/15/14 13:30
	1410306-11	1411401	MAS	10/16/14 13:00
	1410306-12	1411401	MAS	10/16/14 13:00
	1410306-13	1411401	MAS	10/16/14 13:00
	1410306-14	1411401	MAS	10/16/14 13:00
	1410306-15	1411401	MAS	10/16/14 13:00
	1410306-16	1411401	MAS	10/16/14 13:00
	1410306-17	1411401	MAS	10/16/14 13:00
	1410306-18	1411401	MAS	10/16/14 13:00
	1410306-19	1411401	MAS	10/16/14 13:00

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-20	1411401	MAS	10/16/14 13:00
	1410306-21	1411578	MAS	10/17/14 13:30
	1410306-22	1411578	MAS	10/17/14 13:30
	1410306-23	1411578	MAS	10/17/14 13:30
	1410306-24	1411578	MAS	10/17/14 13:30
	1410306-25	1411578	MAS	10/17/14 13:30
	1410306-26	1411578	MAS	10/17/14 13:30
	1410306-27	1411578	MAS	10/17/14 13:30
	1410306-28	1411578	MAS	10/17/14 13:30
	1410306-29	1411578	MAS	10/17/14 13:30
	1410306-30	1411578	MAS	10/17/14 13:30
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1410306-01	1411381	MAS	10/15/14 13:30
	1410306-02	1411381	MAS	10/15/14 13:30
	1410306-03	1411381	MAS	10/15/14 13:30
	1410306-04	1411381	MAS	10/15/14 13:30
	1410306-05	1411381	MAS	10/15/14 13:30
	1410306-06	1411381	MAS	10/15/14 13:30
	1410306-07	1411381	MAS	10/15/14 13:30
	1410306-08	1411381	MAS	10/15/14 13:30
	1410306-09	1411381	MAS	10/15/14 13:30
	1410306-10	1411381	MAS	10/15/14 13:30
	1410306-11	1411402	MAS	10/16/14 13:30
	1410306-12	1411402	MAS	10/16/14 13:30
	1410306-13	1411402	MAS	10/16/14 13:30
	1410306-14	1411402	MAS	10/16/14 13:30
	1410306-15	1411402	MAS	10/16/14 13:30
	1410306-16	1411402	MAS	10/16/14 13:30
	1410306-17	1411402	MAS	10/16/14 13:30
	1410306-18	1411402	MAS	10/16/14 13:30
	1410306-19	1411402	MAS	10/16/14 13:30
	1410306-20	1411402	MAS	10/16/14 13:30
	1410306-21	1411579	MAS	10/20/14 13:30
	1410306-22	1411579	MAS	10/20/14 13:30
	1410306-23	1411579	MAS	10/20/14 13:30
	1410306-24	1411579	MAS	10/20/14 13:30
	1410306-25	1411579	MAS	10/20/14 13:30
	1410306-26	1411579	MAS	10/20/14 13:30
	1410306-27	1411579	MAS	10/20/14 13:30
	1410306-28	1411579	MAS	10/20/14 13:30
	1410306-29	1411579	MAS	10/20/14 13:30
	1410306-30	1411579	MAS	10/20/14 13:30
USEPA-1311 ZHE Extraction (Volatiles)	1410306-01	1411252	MAS	10/15/14 17:00
	1410306-02	1411252	MAS	10/15/14 17:00

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Individual sample results relate only to the sample tested.

TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-03	1411252	MAS	10/15/14 17:00
	1410306-04	1411252	MAS	10/15/14 17:00
	1410306-05	1411252	MAS	10/16/14 17:00
	1410306-06	1411252	MAS	10/16/14 17:00
	1410306-07	1411252	MAS	10/16/14 17:00
	1410306-08	1411252	MAS	10/16/14 17:00
	1410306-09	1411252	MAS	10/16/14 17:00
	1410306-10	1411252	MAS	10/16/14 17:00
	1410306-11	1411582	MAS	10/20/14 16:30
	1410306-12	1411582	MAS	10/20/14 16:30
	1410306-13	1411582	MAS	10/20/14 16:30
	1410306-14	1411582	MAS	10/20/14 16:30
	1410306-15	1411582	MAS	10/20/14 16:30
	1410306-16	1411582	MAS	10/20/14 16:30
	1410306-17	1411582	MAS	10/20/14 16:30
	1410306-18	1411582	MAS	10/20/14 16:30
	1410306-19	1411582	MAS	10/21/14 17:00
	1410306-20	1411582	MAS	10/21/14 17:00
	1410306-21	1411582	MAS	10/21/14 17:00
	1410306-22	1411582	MAS	10/21/14 17:00
	1410306-23	1411582	MAS	10/21/14 17:00
	1410306-24	1411582	MAS	10/21/14 17:00
	1410306-25	1411582	MAS	10/21/14 17:00
	1410306-26	1411582	MAS	10/21/14 17:00
	1410306-27	1411582	MAS	10/22/14 17:00
	1410306-28	1411582	MAS	10/22/14 17:00
	1410306-29	1411582	MAS	10/22/14 17:00
	1410306-30	1411582	MAS	10/22/14 17:00

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Individual sample results relate only to the sample tested.

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 149357

Pg. 1 of 3

For Lab Use Only
Cart: Hood (on cart)
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist: [illegible]
Work Order No.: 1410306

Client Name: CTI & Associates
Address: 51331 W Pontiac Trail
City, State Zip: Wixom, MI 48393
Phone/Fax: 248 486 5100
Email: Dkent@cticompanies.com

Project Name: JCI-Monroe
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: DKent

Analyses Requested: TCLP Metals, TCLP SVOCs, TCLP VOCs, PCBs

Container Type (corresponds to Container Packing List): ZIP BAG

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP SVOCs	TCLP VOCs	PCBs	Total	Sample Comments
01		01	1 1A		10/9/14	11:00		X	S	X	X	X		1	NO PCB
02		02	2 1B		10/9/14	11:15		X	S	X	X	X	X	1	PCB
01		03	3 1C		10/9/14	11:30		X	S	X	X	X		1	NO PCB
↓		04	4 1D		10/9/14	11:45		X	S	X	X	X		1	NO PCP
		05	5 9A		10/9/14	12:15		X	S	X	X	X		1	NO PCB
02		06	6 9B		10/9/14	12:30		X	S	X	X	X	X	1	PCB
01		07	7 8A		10/9/14	1:00		X	S	X	X	X		1	NO PCB
02		08	8 8B		10/9/14	1:15		X	S	X	X	X	X	1	PCB
01		09	9 2A		10/9/14	1:45		X	S	X	X	X		1	NO PCB
02		10	10 2B		10/9/14	2:00		X	S	X	X	X	X	1	PCB

Sampled By (print): Dayna Kent / Erin Hobbs
Sampler's Signature: [signature]
Company: CTI & Assoc

How Shipped? Hand ~~X~~ Carrier Trimatrix
Tracking No.

Comments: * See Note on pg 3/3

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	10/13/14	1600	DK [signature]			[signature]	10/14/14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600	[signature]	10/14/14	1321	[signature]	10/14/14	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 149358

Pg. 2 of 3

For Lab Use Only
Cart: Hood
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist:
Work Order No.: 1410306

Client Name: CTI & ASSOCIATES
Address: 51331 W PONTIAC TRAIL
City, State Zip: WIXOM, MI 48393
Phone/Fax: 248 486 5700
Email: Dkent@CTIcompanies.com

Project Name: JCI-MONROE
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: Dkent

Analyses Requested: TCLP Metals, TCLP SVOCs, TCLP VOCs, PCBs

Container Type (corresponds to Container Packing List): ZIP BAG

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP SVOCs	TCLP VOCs	PCBs			Total	Sample Comments
01		11	1	2C		10/9/14	2:15		X	S	X	X	X				1	NO PCB
↓		12	2	2D		10/9/14	2:30		X	S	X	X	X				1	NO PCB
↓		13	3	6A		10/9/14	2:45		X	S	X	X	X				1	NO PCB
02		14	4	6B		10/9/14	3:00		X	S	X	X	X	X			1	PCB
01		15	5	6C		10/9/14	3:15		X	S	X	X	X				1	NO PCB
↓		16	6	7A		10/9/14	3:30		X	S	X	X	X				1	NO PCB
02		17	7	7B		10/9/14	3:45		X	S	X	X	X	X			1	PCB
01		18	8	5A		10/9/14	4:00		X	S	X	X	X				1	NO PCB
02		19	9	5B		10/9/14	4:15		X	S	X	X	X	X			1	PCB
01		20	10	5C		10/9/14	4:30		X	S	X	X	X				1	NO PCB

Sampled By (print): DAYNA KENT / ERIN HOBBS
Sampler's Signature:
Company: CTI & Assoc

How Shipped? Hand X Carrier Trimatrix
Tracking No.

Comments: * See Note on PG 3/3

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	10/13/14	1600					10.14.14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600		10.14.14	1321	D. Jordin	10/14/14	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 149359

Pg. 3 of 3

For Lab Use Only

Cart: Hood
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist: [signature]
Work Order No.: 1410306

Client Name: CTI & ASSOCIATES
Address: 51331 W. PONTIAC TRAIL
City, State Zip: WIXOM, MI 48393
Phone/Fax: 248 486 5100
Email: DKent@CTIcompanies.com DKent

Project Name: JCI-Monroe
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To:

Analyses Requested: TCLP Metals, TCLP SVOCS, TCLP VOCS, PCBs

Container Type (corresponds to Container Packing List): Zip Bag

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
01		21	1 10A		10/10/14	9:00		X	S	X X X	1	NO PCB
02		22	2 10B		10/10/14	9:15		X	S	X X X X	1	PCB
01		23	3 4A		10/10/14	9:45		X	S	X X X	1	NO PCB
02		24	4 4B		10/10/14	10:00		X	S	X X X X	1	PCB
01		25	5 4C		10/10/14	10:15		X	S	X X X	1	NO PCB
↓		26	6 4D		10/10/14	10:30		X	S	X X X	1	NO PCB
↓		27	7 3A		10/10/14	11:00		X	S	X X X	1	NO PCB
02		28	8 3B		10/10/14	11:15		X	S	X X X X	1	PCB
01		29	9 3C		10/10/14	11:30		X	S	X X X	1	NO PCB
↓		30	10 3D		10/10/14	11:45		X	S	X X X	1	NO PCB

Sampled By (print): DAYNA KENT / ERIN HOBBS
Sampler's Signature: [signature]
Company: CTI & ASSOCIATES

How Shipped? ~~Hand~~ X Carrier: TRIMATRIX
Tracking No.:

Comments: All Samples Require Analysis For TCLP Metals, TCLP SVOCS and TCLP VOCS. 10/30 samples require Analysis For PCBs As Noted.

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	10/13/14	1600				[signature]	10.14.14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600	[signature]	10.14.14	1325	S. Nardin	10/14/14	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client	CTI & Assoc.
Receipt Record Page/Line #	50-22
New / Add To	
Work Order #	1410306
Project Chemist	
Sample #s	

Recorded by (initials/date): JN 10/14/14

☑ Cooler ☐ Box ☐ Other

Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)

☐ See Additional Cooler Information Form

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
TR3499	2148						

Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☑ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	20.2	0	20.2
Sample 2:	20.1	0	20.1
Sample 3:	20.6	0	20.6

3 Sample Average °C: 20.3

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☐	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers: 149357, 149358, 149359

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank OR average sample temperature, ≥6° C?
☐	☐	☑	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 10/14/14	10/14/14	Yes / No

Appendix B

Washtenaw County Soil Erosion Permit

OFFICE USE ONLY
Date Received: _____ Fees Paid: _____
Intake Staff Person: _____

OFFICE USE ONLY
PRJ20____-_____
SOI20____-_____

EVAN N. PRATT, P.E. WATER RESOURCES COMMISSIONER WASHTENAW COUNTY

MAILING ADDRESS:
Washtenaw County
Soil Erosion Division
P.O. Box 8645
Ann Arbor, MI 48107-8645

BUSINESS LOCATION:
Washtenaw County
Western County
Service Center
705 N. Zeeb Rd.
Ann Arbor, MI 48103

COMMUNICATION:
Phone: 734-222-6860
Fax: 734-222-6803
eWashtenaw.org

Soil Erosion Permit Application

(Natural Resources and Environmental Protection Act, Part 91, Soil Erosion & Sedimentation Control, 1994, as amended, Act 451, as amended 2000, Act 504;and the Washtenaw County Soil Erosion & Sedimentation Control Ordinance, 1997, as amended 2011)

*** FILL IN ALL AREAS OF THIS APPLICATION OR IT MAY NOT BE ACCEPTED AT TIME OF SUBMITTAL***

LANDOWNER Johnson Controls - Michael L. Stoelton, C.P.G. Address 49200 Halyard Drive
City Plymouth State MI Zip 48170 Phone (734) 254-5657
Email michael.l.stoelton@jci.com Fax 734-254-6914 Mobile (734) 355-1141

DESIGNATED AGENT CTI and Associates, Inc. - Kevin Manuel, P.E. Address 51331 W. Pontiac Trail
City Wixom State MI Zip 48393 Phone (248) 486-5100
Email kmanuel@cticompanies.com Fax 248-486-5050 Mobile (248) 787-4073

BUILDER/CONTRACTOR CTI and Associates, Inc. - Kevin Manuel, P.E. Address 51331 W. Pontiac Trail
City Wixom State MI Zip 48393 Phone (248) 486-5100
Email kmanuel@cticompanies.com Fax 248-486-5050 Mobile (248) 787-4073

EXCAVATOR CTI and Associates, Inc. - Kevin Manuel, P.E. Address 51331 W. Pontiac Trail
City Wixom State MI Zip 48393 Phone (248) 486-5100

"ON-SITE" PERSON RESPONSIBLE FOR EARTH CHANGE
Affiliation (CHECK ONE): ☐ Landowner ☑ Designated Agent ☑ Contractor ☑ Excavator ☐ _____
Name CTI and Associates, Inc. - Ronnie Weeks Address 51311 W. Pontiac Trail
City Wixom State MI Zip 48393 Phone(248) 486-5100
Email rweeks@cticompanies.com Fax 248-486-5050 Mobile (501) 628-1218

SESC PLAN CONTACT CTI and Associates, Inc. - Kevin Manuel, P.E. Address 51331 W. Pontiac Trail
City Wixom State MI Zip 48393 Phone (248) 486-5100
Email kmanuel@cticompanies.com Fax 248-486-5050 Mobile (248) 787-4073

APPLICANT ☐ Landowner ☑ Designated Agent ☑ Builder/Contractor ☑ Excavator
PARTY TO BE BILLED ☐ Landowner ☑ Designated Agent ☑ Builder/Contractor ☑ Excavator

---

PROPERTY Tax ID/Parcel # _____ **City/Village/Twp** (CIRCLE ONE) Saline, MI
PROPERTY ADDRESS 232 Monroe St. Subdivision _____ Lot _____
Major Cross Roads W. Michigan Ave. and Monroe St. **Total site (lot) size**, in acres 9.5
Total size of area cleared or **disturbed** 3.0 ☑ acres ☐ sq ft (CHECK ONE)
Total size of new impervious surfaces (drives, parking areas, roofs, etc.), in square feet 0.0
Types of surface water within 500 feet (CHECK ALL THAT APPLY)
☐ county drain ☐ lake ☑ stream/river ☐ pond ☐ wetland ☐ detention area ☐ ditch ☐ catch basin/storm sewer ☐ none
Distance to nearest surface water, in feet 230 **Body of water** (if named) Saline River
Soil Type Information: _____
(can be found on the County's website www.ewashtenaw.org , USDA County soil map, soil borings)

Type(s) of CONSTRUCTION and/or EARTH CHANGE ACTIVITY (check all that apply)

☐ single family residential (new)	☐ commercial/industrial (new)	☐ building demolition
☐ single family residential (addition/alt.)	☑ commercial/industrial (add./alt.)	☐ pipeline (gas, water, sewer)
☐ garage (addition or detached)	☐ residential development (subdivision, multi-family)	☐ gravel pits
☐ pole barn		☐ school/church
☐ pool (in ground)	☐ recreation development	☐ hospital
☐ pond	☐ golf course	☐ wetland mitigation
☐ landscaping/berm	☐ parking lot	☐ detention/retention pond
☐ driveway	☐ seawall	☐ wastewater structure
☐ culvert	☐ road (public/private)	☐ stormwater structure
☐ well	☐ bridge	☐ fill, land balance, grading
☐ septic field	☐ utilities	☐ stump removal

☑ other Clean up and removal of existing stockpiled surficial debris and concrete slab and foundations.

Additional EARTH CHANGE Information (CHECK YES OR NO)

Has earth-moving activity started?	Yes ☐	No ☑	
Is the earth-moving activity over 5 acres?	Yes ☐	No ☑	If yes, an NPDES permit may be req'd from MDEQ
Will work be occurring in a wetland?	Yes ☐	No ☑	If yes, permit(s) may be required from MDEQ
Will de-watering occur?	Yes ☐	No ☑	If yes, special requirements may apply
Will work be occurring in a waterway/floodplain?	Yes ☐	No ☑	If yes, permit(s) may be required from MDEQ
Will a designated county drain be affected?	Yes ☐	No ☑	If yes, contact the WC Water Resources Cmsr. Office
Will chemicals be used, stored, or mfg. on site?	Yes ☐	No ☑	If yes, a Pollution Prevention Review may be rqrd.
Will fill be brought on-site?	Yes ☐	No ☑	Amount in cubic yards: _____
Will material be removed from the site?	Yes ☑	No ☐	Amount in cubic yards: 8,800 (Concrete/Asphalt Debris)

PROPOSED CONSTRUCTION SEQUENCE (MONTH/YEAR)

07 / 2015 Project Start Date
07 / 2015 Temporary Erosion Control Measures Installed
_____/_____ Gravel Drive/Entrance Installed
07 / 2015 Land Cleared or Excavation Started
_____/_____ Detention/Retention/Sediment Ponds Installed
_____/_____ Road Constructed
_____/_____ Utilities Installed
_____/_____ Final Grading/Seeding
_____/_____ Catch Basins/Ponds Cleaned
_____/_____ Permanent Erosion Control Measures in Place
_____/_____ Temporary Erosion Control Measures Removed
_____/_____ Project End Date

PROPOSED FINAL STABLIZATION

☐ Sod
☐ Seed/Mulch
☐ Hydroseed (ONLY acceptable on slopes of less than 1%)

PERMIT DELIVERY METHOD

☐ Pick Up	by	☐ Property Owner
☐ Mail	to	☑ Designated Agent
		☑ Builder/Contractor
		☐ On Site Person

EROSION CONTROL SITE PLAN

Per the State of Michigan, Department of Environmental Quality and the Washtenaw County's Soil Erosion and Sedimentation Control Ordinance a completed erosion control plan must be turned in with all applications for permit review. Please see the SESC Program Guide for all erosion control plan requirements.

SOIL EROSION PERMIT FEES

All fees shall be paid in accordance with the current fee schedule approved by the Washtenaw County Board of Commissioners; see the SESC Program Guide for all program fees.

PERFORMANCE GUARANTEE

A Performance Guarantee is required for all commercial projects. The performance guarantee shall be in the form of cash, certified check or irrevocable bank letter of credit and shall extend for the duration of the permit (until project completion). Please contact the Washtenaw County Office of the Water Resources Commissioners Office, Soil Erosion Program for further information, including performance guarantee amounts.

SIGNATURE I, the ☐**Landowner**/☑**Designated Agent***, hereby certify that the above information is accurate to the best of my knowledge, have read/understand the **Washtenaw County Soil Erosion & Sedimentation Control Program Guide** and **fee schedule,** and agree to conform to all applicable laws/requirements of the State of Michigan and Washtenaw County.

Signature _____ Print Name Kevin D. Manuel, P.E. Date_____

*DESIGNATED AGENT MUST HAVE A WRITTEN STATEMENT FROM LANDOWNER AUTHORIZING HIM/HER TO SECURE A PERMIT IN THE LANDOWNER'S NAME

EVAN N. PRATT, P.E. **WATER RESOURCES COMMISSIONER** **WASHTENAW COUNTY**

MAILING ADDRESS:
Washtenaw County
Soil Erosion Division
P.O. Box 8645
Ann Arbor, MI 48107-8645

BUSINESS LOCATION:
Washtenaw County
Western County
Service Center
705 N. Zeeb Rd.
Ann Arbor, MI 48103

COMMUNICATION:
Phone: 734-222-6860
Fax: 734-222-6803
eWashtenaw.org

SOIL EROSION DESIGNATED AGENT AUTHORIZATION LETTER

I (we) as the property owner authorize the designated party to apply and obtain a SESC permit with Washtenaw County for the earth moving activity indicated below.

Designated Agent Information:

CTI and Associates, Inc.
Company Name

Kevin D. Manuel, P.E. - Contractor Applicant/Contractor/Excavator/Person on Site (circle one)
Designated Agent

51331 W. Pontiac Trail
Address

Wixom, MI
City

(248) 486-5100
Phone Number

kmanuel@cticompanies.com
Email Address

Jurisdiction Saline Township/City/Village (circle one)

Parcel ID # _____

Site Address 232 Monroe Street

Project Description Debris Removal Services - JCI Monroe

Property Owner Information:

Johnson Controls - Michael L. Stoelton, C.P.G
Print Name

49200 Halyard Drive
Address

Plymouth, MI
City

(734) 254-5657
Phone Number

michael.l.stoelton@jci.com
Email Address

Signature _____ Date_____

- Landowner must sign their own name for acceptance by this office

♦ **Soil Erosion Permit #: SOI2013- _____ Project: _____**

❑ **RESIDENTIAL** **1ST Review**: Initials:_____ Date: ___/___/___ **2ND Review**: Initials:_____ Date: ___/___/___

❑ **COMMERCIAL** **1ST Review**: Initials:_____ Date: ___/___/___ **2ND Review**: Initials:_____ Date: ___/___/___

✓SITE PLAN CHECKLIST

FOR WASHTENAW COUNTY SOIL EROSION PERMITS

Have			INSP. Need
❑		Name, Address and Telephone Numbers of the Landowner or Designated Agent. Comments:	❑
❑		Legal Description of the affected parcel(s) Comments:	❑
❑		Site location map showing the site and all adjacent properties and proximity to all surface water within 500 feet at a scale not more than 1 inch = 200 feet. If not within 500 feet of surface water, a statement of such must be provided. Comments:	❑
❑	1.	Site plan at a scale of no more than 1 inch = 100 feet which includes the following: Comments:	
❑	A	Location of predominant features, including all proposed and existing structures and vegetation on –site and extending 50 feet beyond property lines Comments:	❑
❑	B	A soil survey or a written description of the soil types of the exposed land areas contemplated for the earth change Comments:	❑
❑	C	Existing and proposed topography at a minimum of two (2) foot contour intervals extending 50 feet beyond the property lines for commercial projects. General slope information for residential projects. Comments:	❑
❑	2.	Details for the proposed earth changes, including all of the following; Comments:	❑
❑	A	A description and the location of the physical limits of each proposed earth change Comments:	❑
❑	B	A description and location of all existing and proposed on-site drainage, including structure rim elevations and dewatering facilities, if applicable Comments:	❑
❑	C	The timing sequence of each proposed activity included but not limited to: • Temporary control measures installed • Gravel construction access installed • Land Clearing • Detention/Retention/Sediment pond installation and stabilization • Road Construction • Utility Installation • Final grade/seed • Catch Basins/Ponds Cleaned • Permanent control measures installed and functioning • Remove Temporary control measures Comments:	❑
❑	D	The location and description of procedures for installing, maintaining and removing all proposed temporary sesc measures Comments:	❑
❑	E	A description and location of all proposed permanent soil erosion control measures Comments:	❑
❑	F	Program proposal for the continued maintenance of all permanent sesc measures that remain after project completion, including the designation of the person responsible for the maintenance. Comments:	❑
❑		Designated Agent Letter Comments:	❑
❑		Completed Application, Fees and Performance Guarantee Comments:	❑

Washtenaw County Soil Erosion Program Fee Schedule

Ordinance and fee structure adopted by the Washtenaw County Board of Commissioners on April 20, 2011

Fees must be submitted <u>at the time of application</u>

Permit Application Fees include **permit filing**, one **plan review** and one preliminary **site visit**. Additional plan reviews and any consultation will be charged at actual cost of **$95/hour**. Maintenance inspections will be charged at actual cost of **$95/Hour**. See the Ordinance for maintenance inspection schedule.

Residential Permit Application Fees

Residential Project: single family home (new or addition/alteration)

Fewer than 2 acres disturbed:	$160
Between 2 and 10 acres disturbed:	$210
More than 10 acres disturbed:	$260
Permit Renewal/Extension (6 months):	*$ 80*

Waiver Application Fee
$35 — **Residential or Commercial**
See the Washtenaw County Soil Erosion Ordinance, as amended 2011, for projects that may qualify for a waiver.

Commercial Permit Application Fees

Commercial Projects: commerce, multiple residential or public service

Fewer than 2 acres disturbed:	$235
Between 2 and 10 acres disturbed:	$330
More than 10 acres disturbed:	$330
+ $10/ acre over 10 acres disturbed	

Commercial Projects also require a **Performance Guarantee** of $500 per acre disturbed with a $2,000.00 minimum. Performance Guarantee checks should be made payable to the Washtenaw County Clerk's Registrars Office. *Please include the payer's Tax ID Number on the Memo Line.*

IN THE EVENT THAT EARTH-MOVING ACTIVITIES OCCUR PRIOR TO ISSUANCE OF A SOIL EROSION PERMIT, THE OWNER IS SUBJECT TO DOUBLE THE INITIAL APPLICATION FEE

Permit and Waiver applications must be accompanied by two copies of an erosion control plan as described in Article V of the Ordinance.

Transfer Fee includes permit transfer filing and site visit

Residential Transfer Fees

Fewer than 2 acres disturbed:	$100
Between 2 and 10 acres disturbed :	$150
More than 10 acres disturbed:	$200

Commercial Transfer Fees

Fewer than 2 acres disturbed:	$150
Between 2 and 10 acres disturbed:	$200
More than 10 acres disturbed:	$200
+ $5/acre over 10 acres disturbed	

Printing and Reproduction Fees

It is **strongly recommended that applicants make their own arrangements to print required plans and images.**

Visit http://mapwashtenaw.ewashtenaw.org to print site location maps and to find legal description, soil type, surface water and slope/contours.

If needed, printing and reproduction services are available through the Washtenaw County Map Store. The Applicant will be charged according to currently accepted printing prices for the Map Store.

As of February 2012, printing rates are as follows (rates are per page):

8.5 x 11 inches:	$ 5.00	11 x 17 inches:	$ 6.00	18 x 24 inches:	$10.00
24 x 36 inches:	$15.00	36 x 48 inches:	$20.00		

Office of the Washtenaw County Water Resources Commissioner
Soil Erosion Division

Mailing Address: P.O. Box 8645
Ann Arbor, MI 48107-8645

Office Location: 705 N. Zeeb Rd., 2nd Floor
Ann Arbor, MI 48103

Telephone: 734-222-6860 Fax: 734-222-6803
Email: drains@ewashtenaw.org

Office is open 8:30-5, Monday-Friday. See Washtenaw County schedule for scheduled holidays and furlough days

Storm Water Management and Erosion Control Plan

JCI Monroe – Debris Removal Services

Johnson Controls, Inc. - Monroe
232 Monroe Street
Saline, MI 48176

Prepared for:

Michael L. Stoelton C.P.G.
Johnson Controls
49200 Halyard Drive
Plymouth, MI 48170
(734) 355-1141

Prepared by:

CTI and Associates, Inc.
51331 W. Pontiac Trail
Wixom, MI 48393

July 23, 2015

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Contents

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING 1
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1.2 Contact Information/Responsible Parties 2
1.3 Scope of Work and Sequence of Activity 3
1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns 4
1.5 Receiving Waters 4
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FIGURES
Figure – Location Map
Figure – Debris and Slab Removal Map
Figure – Soil Types
Figure – Contours

APPENDICES

Appendix A – Washtenaw County Parcel Report
Appendix B – Soil Map
Appendix C – Storm Water Inspection Forms
Site Inspection Report
Storm Water Plan Amendment Log

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project/Site Information

Project/Site Name: JCI Monroe – Debris Removal Services

Project Street/Location: 232 Monroe Street

City: Saline State: MI ZIP Code: 48176

County: Washtenaw County

Parcel Number: 18-18-01-430-009

The Legal Description of the affected parcel can be found on the Washtenaw County Parcel Report located in Appendix A.

Refer to Figure – Location Map for the site location.

1.2 Contact Information/Responsible Parties

Owner:

Michael L. Stoelton C.P.G.
Johnson Controls
49200 Halyard Drive
Plymouth, MI 48170
Telephone: 734.254.5657

Project Manager:

CTI and Associates, Inc
Kevin Manuel
51331 W Pontiac Trail
Wixom, MI 48393
Telephone: 248.486.5100
Fax: 248.486.5050

Storm Water Site Contact/Site Manager:

CTI and Associates, Inc
Ronnie Weeks
Mobile: 501.628.1218

This Plan was Prepared by:

CTI and Associates, Inc
Tim Moore
51331 W. Pontiac Trail
Wixom, MI 48393
Telephone: 248.486.5100
Fax: 248.486.5050:

1.3 Scope of Work and Sequence of Activity

General Scope of Work

Graphical representation of the Scope of Work can be found on Figure – Debris and Slab Removal Map.

The general Scope of Work for the project is to remove existing surficial stockpiles of concrete and asphalt debris, and demolish and remove existing concrete floor slab and wall foundations. All site work will be performed on the north side of the existing driveway.

Site work will progress in the following sequence:

1. Mobilization

2. Installation of Temporary Erosion Control Measures – CTI will install silt fence on the south and west sides of the debris removal area.

3. Debris Removal and Disposal/Recycling – CTI will utilize excavators to load approximately 12 surficial stockpiles of existing concrete, brick, and asphalt into haul trucks and roll-off dumpsters for disposal and recycling off site. Loading and trucking operations will be performed to minimally impact the existing vegetation. The property's existing driveway will be utilized for transportation around the project site. Traffic on existing vegetation will be minimized to the extent possible.

4. Demolition and Removal of Existing Concrete Slab and Foundation – Existing concrete slab and foundation will be broken up in place and loaded into haul trucks with an excavator for recycling off site. Existing concrete will be removed with a focus on reducing disturbance to the underlying soils. Any pits or holes resulting from concrete removal will be backfilled with adjacent soils.

5. Site Restoration – Disturbed areas will be restored with seed and mulch.

6. Removal of Temporary Erosion Control Measures

7. Demobilization

Estimated Construction Start: July 27, 2015

Estimated Construction Completion: August 31, 2015

1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Soil Type(s)

Soil types found on the project site, as provided by the Washtenaw County Geographic Information System, are identified on Figure - Soil Type.

Slopes

The site is relatively flat. The topographic map in Figure - Contours illustrates the slopes.

Drainage Patterns

The site drains south and west towards the Saline River on the south side of the site.

Vegetation

The site is populated with a moderate amount of vegetation, including grass and brush.

1.5 Receiving Waters

Description of receiving waters

The nearest runoff receiving water is the Saline River on the south and northwest sides of the site. The Saline River can be seen on Figure – Location Map.

Description of storm sewer systems

There are no known storm sewer systems located in or around the project site.

1.6 Potential Sources of Pollution

Potential sources of sediment to stormwater runoff:

Sediment sources result from the following activities:

- Vegetation removal
- Stockpile runoff
- Excavation during removal of existing concrete
- Topsoil replacement.

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

Based on the location of the construction site and anticipated Scope of Work, storm water through the site will be controlled with perimeter controls discussed in the following sections. Figure – Debris and Slab Removal shows planned locations of BMP's on site.

2.1 Establish Perimeter Controls and Sediment Barriers

Silt fence will be installed on the south and west sides of the anticipated work area.

BMP Description: Silt Fence

This BMP is a temporary barrier of entrenched geotextile fabric (filter fabric) stretched across and attached to supporting posts used to intercept sediment-laden runoff from disturbed soil. The purpose of this practice is to cause deposition of transported sediment load from sheet flows leaving disturbed areas

The silt filter fencing shall have a minimum width of 3 feet and shall be fitted with posts spaced between 7 and 10 feet apart. Posts shall be supplied meeting the manufacturer's recommendations and shall have a minimum length of 3 feet. The silt filter fabric shall consist of woven long chain polymeric fabric and shall contain stabilizers and/or inhibitors added to the basic plastic, if necessary, to make the filaments resistant to deterioration due to ultraviolet and heat exposure. The fibers shall be stabilized whereby they retain their positions relative with each other. The filter fabric shall be free of any chemical treatment or coating, which reduces permeability and shall be inert to chemicals commonly found in soil. The edges of the filter fabric shall be finished to prevent the outer fiber from pulling away from the geotextile.

The silt fence shall be entrenched to a minimum depth of 6 inches, with an additional 6 inches extending along the bottom of the trench in the upslope direction. The trench shall be backfilled and the soil compacted over the fabric. Posts will be driven a minimum of 1 foot below the ground surface.

Installation Schedule:	Before commencement of work activity.
Location	Silt fence will be placed on the west and south sides of the work area.
Maintenance and Inspection:	Inspect silt fences regularly and frequently, as well as within 24 hours of each rainfall event, to make sure that they are intact and that there are no gaps where the fence meets the ground or tears along the length of the fence. If you find gaps or tears, repair or replace the fabric immediately. Remove accumulated sediments from the fence base when the sediment reaches one-third to one-half the fence height. Remove sediment more frequently if accumulated sediment is creating noticeable strain on the fabric and the fence might fail from a sudden storm event. When you remove the silt fence, remove the

	accumulated sediment as well. Complete Daily Inspection Log
Responsible Staff:	Site Superintendent

2.2 Seeding to Stabilize Soils

CTI and/or its landscaping subcontractor will seed and mulch the disturbed areas and will include the following:

- Seeding
  - Disturbed areas will be vegetated with an approved seed mixture native to Michigan.
  - Apply mulch as necessary.

☒ ***Permanent***	☐ ***Temporary***
Installation Schedule:	After debris removal. Tentatively scheduled for August, 2015.
Location	Disturbed areas
Maintenance and Inspection:	Inspect seeded areas for failure and, if needed, reseed and repair them as soon as possible. Inspect mulch and maintain coverage per manufacturer's instructions.
Responsible Staff:	Site Superintendent

Temporary Stabilization

No temporary stabilization is anticipated, as no portion of the site is planned to remain dormant for over 21 days.

SECTION 3: INSPECTIONS

4.1 Inspections

Inspection Personnel

Ronnie Weeks – CTI and Associates, Inc

Inspection Schedules and Procedures

- Inspections will be conducted weekly an all the constructed BMPs (as described in section 2, and on all addendums to this Plan).
- Inspections will be conducted within 24 hours after any storm event greater than one-half inch of rain per 24 hour period.
- Qualified inspection personnel shall be assigned to conduct these inspections.
- Spot checks will be conducted frequently on the following at a minimum:
    - Check for scouring around material and equipment storage.
    - Check for oil leaks in equipment
- *Stormwater Construction Site Inspection Report* (Appendix B) will be completed weekly.
- Photographic documentation will be maintained, as necessary.

4.2 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

The following personnel is duly authorized to conduct and sign the inspection reports

Ronnie Weeks - CTI and Associates, Inc

SECTION 4: RECORDKEEPING AND TRAINING

5.1 Recordkeeping

The following is a list of records is maintained at the project site and will be available for inspectors to review:

- A copy of the Soil Erosion and Storm Water Control permit
- Inspection Reports (Appendix B)

5.2 Log of Changes to the Plan

Changes and updates to the Plan will be noted in the *Plan Amendment Log*, provided in Appendix B. Additions of new BMPs, replacement of failed BMPs, significant changes in the activities or their timing on the project, changes in personnel, changes in inspection and maintenance procedures, updates to site maps, and so on will be included.

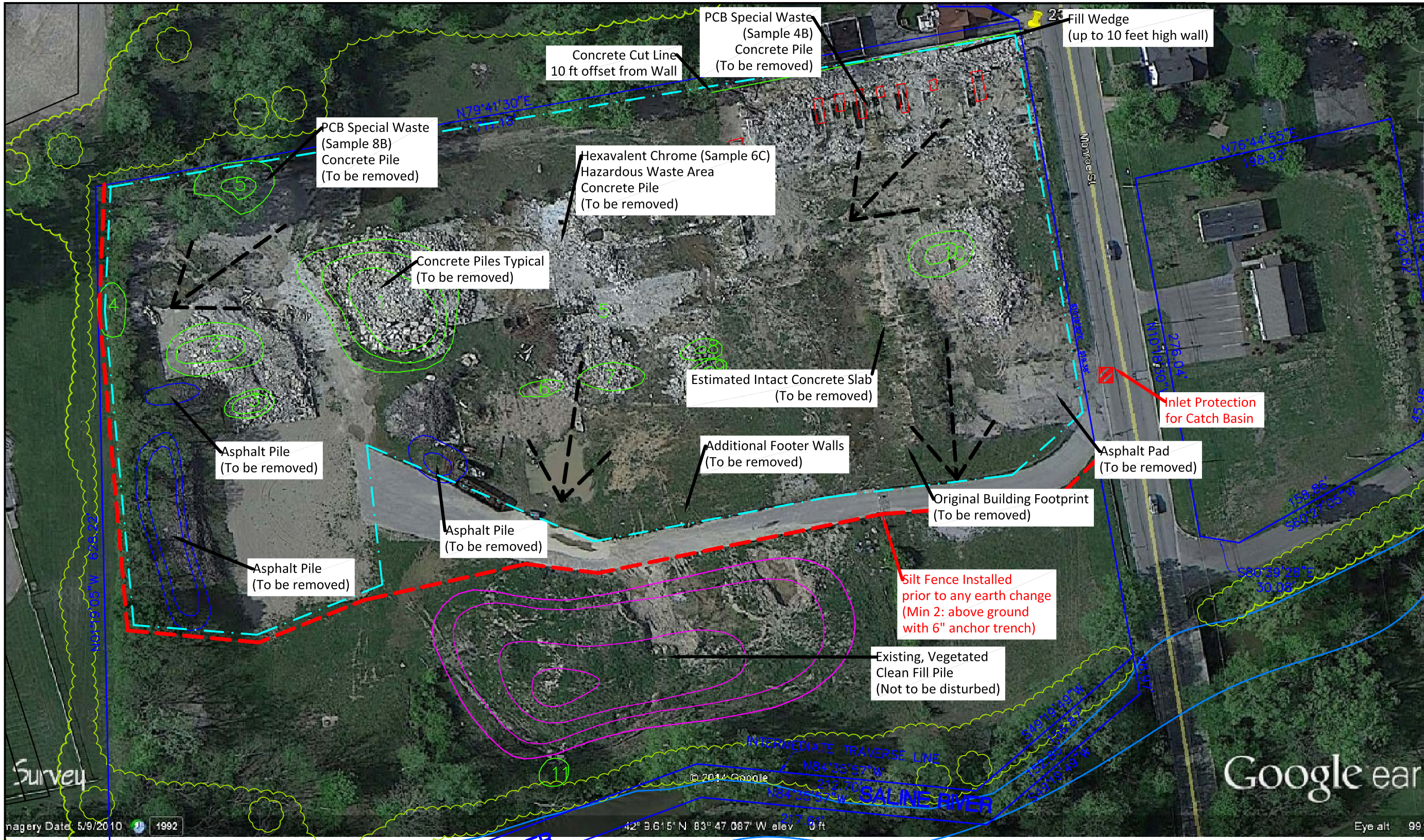
SECTION 5: FINAL STABILIZATION

The final stabilization involves seeding and mulching as described in Section 2.2.

SECTION 6: POST CONSTRUCTION STORM WATER MANAGEMENT

This project does not result in the installation of any impervious surfaces and does not require a long-term maintenance plan.

Figures



LEGEND:

- Silt Fence
- Boundary of Work Area (maximum limit of earth change area)
- Anticipated Drainage Pattern

Notes:

Temporary Measures -

- Silt Fence will be installed as shown
- Storm drain inlet protection will be used at the catch basin near the driveway along Monroe Street until permanent stabilization of the disturbed drainage area.
- Construction entrances are established to reduce the amount of sediment transported onto paved roads by vehicles or equipment. All hauling activities and vehicles will remain on the existing driveway to eliminate the tracking of sediment onto public right-of-ways or streets.
- Excavation vehicles will remain within the work zone.
- The driveway and street will be swept as needed.

Final Stabilization -

- No change in site contouring is expected. After concrete removal is complete, site will be graded to match existing to the extent practicable.
- Areas of disturbance will be seeded with appropriate native blend.
- Maintenance activities will include weekly inspections of the site by CTI personnel (or more often as needed based on precipitation) until cover has been established.

N

0 37.5 75

SCALE IN FEET

1" = 75' (11"x17" drawing)

Designated Agent Contact Information:
CTI & Associates
51331 W Pontiac Trail
Wixom, MI 48393
Phone: 248-486-5100
Contact: Kevin Manuel

CTI and Associates, Inc.
WIXOM, MI
Ph: 800.CTI.TODAY

232 MONROE STREET
SALINE, MI

Site Plan

CLIENT:
JCI
Plymouth, MI

REVISIONS:

Designed By:
J. Dickson
Drawn By:
E. Hobbs
Checked By:
J.R. DICKSON
Approved By:
A.J. LONERGAN

DATE
Aug 6, 2015

PROJECT NO.
JCI Monroe

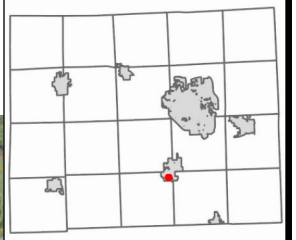
FIGURE NO.
1

Appendix A

Washtenaw County Parcel Report

Geographic Information System

232 Monroe St - Contours



Legend

- Right of Way
- Quarter Sections
- Plat Boundary
- Parcels

THIS MAP REPRESENTS PARCELS ATTHE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

NOTE: Parcels may not be to scale.

7/22/2015

0 100.00 200.0 Feet

© 2013 Washtenaw County

1: 1,200

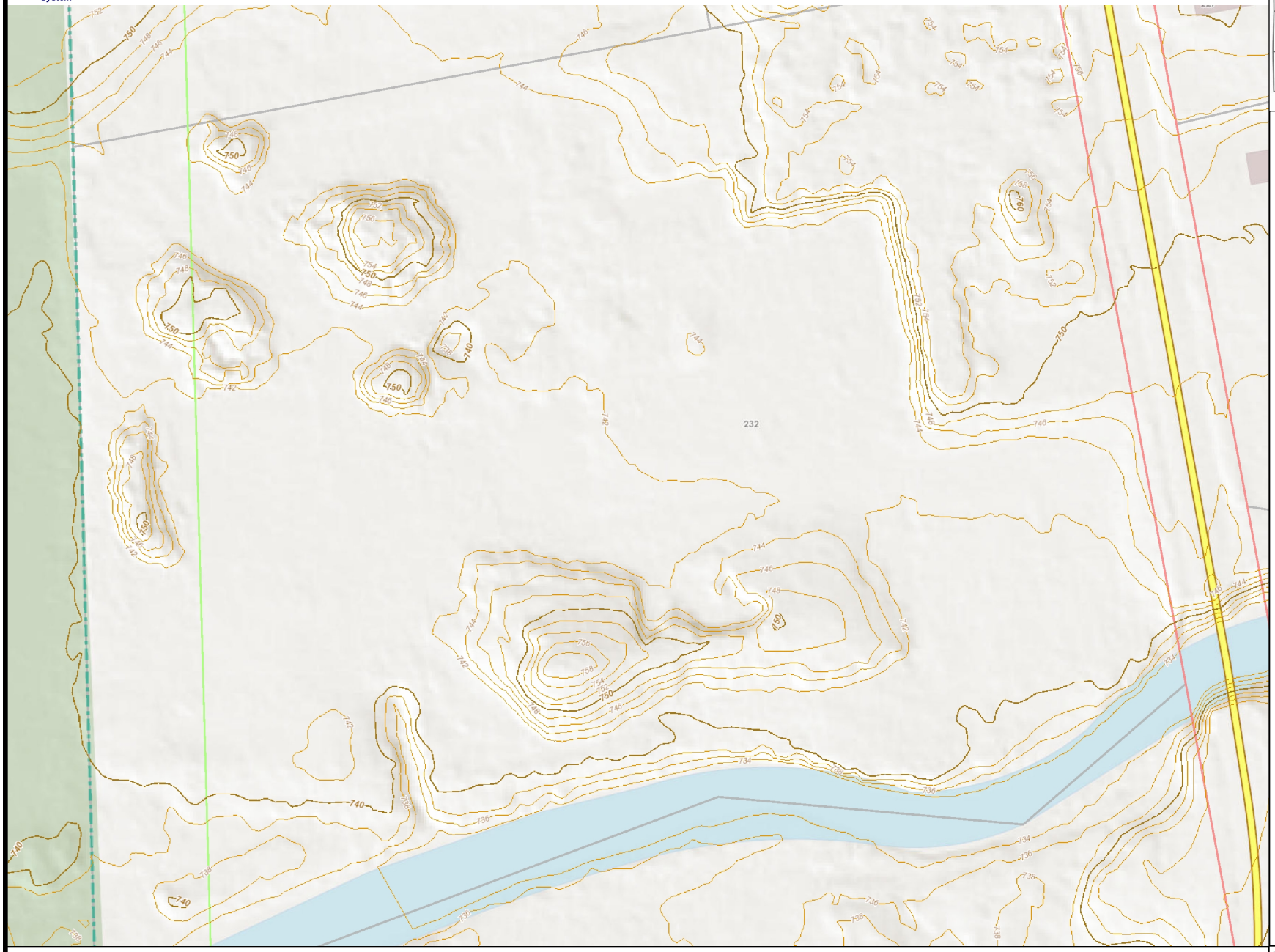
This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

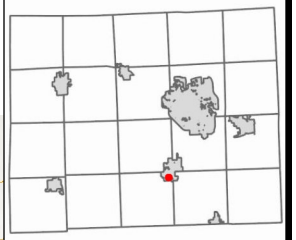
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Geographic Information System

232 Monroe St - Contours





Legend

- Right of Way
- Quarter Sections
- Plat Boundary
- Parcels
- Ann Arbor
- County
- University and College L
- University and College
- K12 Schools Labels
- K12 Schools
  - Charter
  - Private
  - Public
- Police Stations
- Fire Stations
- County Buildings
- Local Unit Offices
- Building Footprints
  - Airport Terminal
  - County Government

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7/22/2015

0 100.00 200.0 Feet

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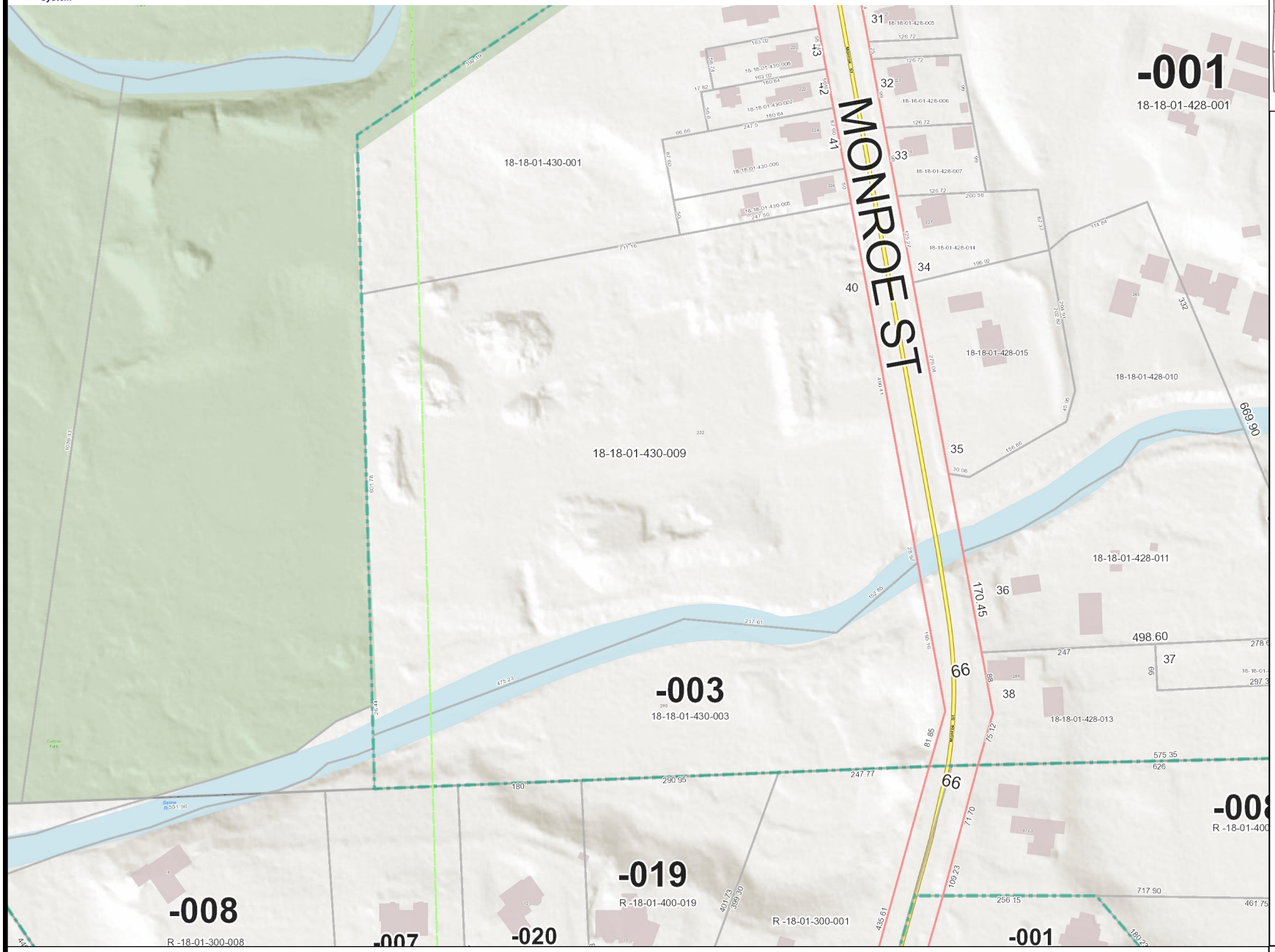
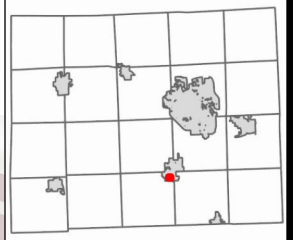
Notes

232 Monroe St - Location Map

Geographic Information System





Legend

- Right of Way
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- Parcels
- Ann Arbor
- County
- University and College L
- University and College
- K12 Schools Labels
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7/22/2015

0 200.00 400.0 Feet

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1: 2,400

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THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Geographic Information System

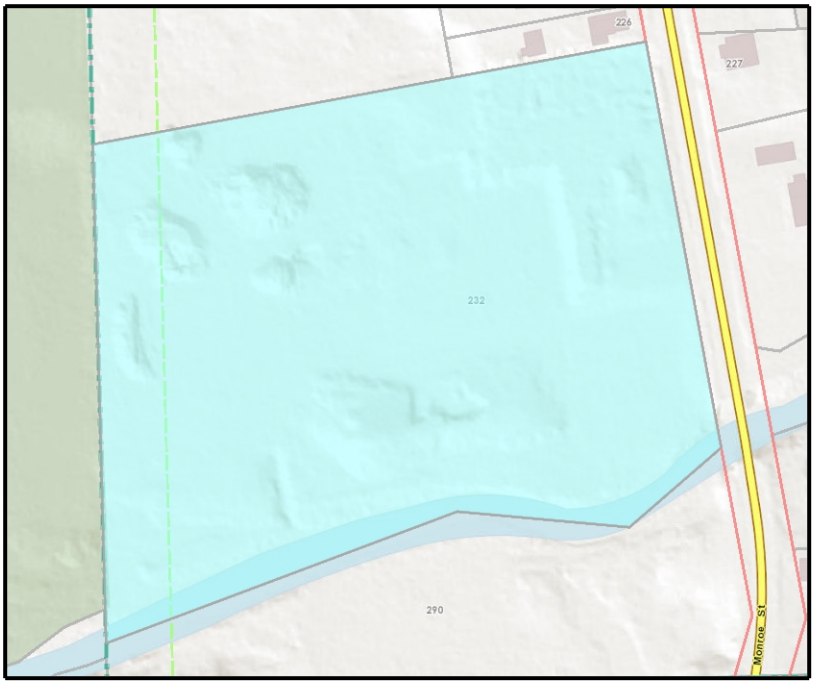
Washtenaw County Parcel Report

Parcel ID: **18-18-01-430-009**

Report generated 7/22/2015 1:31:12 PM

Parcel Information

PIN:	**18-18-01-430-009**
CVT Code:	18
CVT Description:	CITY OF SALINE
School:	81120 , SALINE AREA SCHOOLS
Property Class:	302 , INDUSTRIAL VACANT



Parcel highlighted in blue

Property Information

Address:	232 MONROE ST SALINE , MI 48176

Owner Information

Owner:	JOHNSON CONTROLS INC
Address:	5757 GREEN BAY AVE MILWAUKEE , WI 53209

Homestead Information

Homestead Percent:	0 %

Values

Assessed Value:	$ 105300	**SEV:**	$ 105300
Capped Value:	$ 106984	**Taxable Value:**	$ 105300

Drain Assessment (not incl. drain debts)

Year	Drain Name	Amount

Sales (last 3 max)

Date	Sale Price	Type
05/23/2013	1	WARRANTY DEED
03/29/2006	1	WARRANTY DEED
04/09/1998	200000	QUIT CLAIM DEED

Tax Description

REWRITE PER DEED OWNER REQUEST ****FROM 1801430002 05/16/96 ****FROM 1801430004 05/16/96 SC 5-40A & B COM AT NE COR OF LOT 39, TH S 10-18-30-E 477.18 FT TO A POB, TH CONT S 10-18-30 E 490.41 FT TO PT " A ", TH CONT S 10-18-30 E 28.97 FT TO C/LN OF RIVER, TH S 49-19-49 W 152.85 FT, TH N 84-35-57 W 217.61 FT, TH S 69-39-32 W 475.23 FT, TH N 01-19-05 W 26.44 FT TO PT " B " BEING S 49-19-49 W 156.87 FT, TH N 84-35-57 W 212.70 FT, TH S 69-39-32 W 472.32 FT FROM PT " A ", TH CONT N 01-19-05 W 601.78 FT, TH N 79-41-30 E 711.16 FT TO THE POB. PT OF LOT 39, & ALL OF LOT 40, ASSESSOR'S PLAT NO. 4.

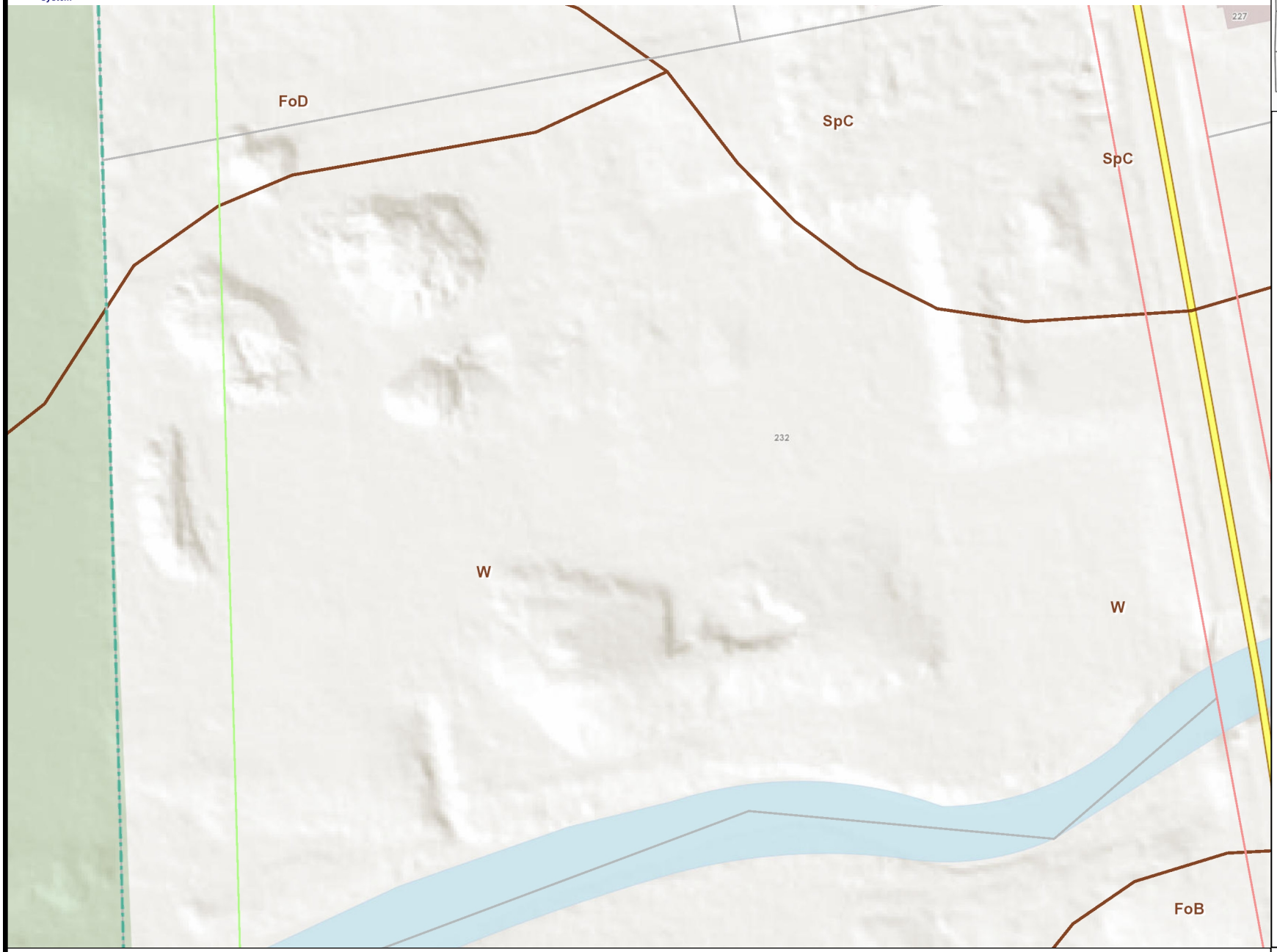
This report is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

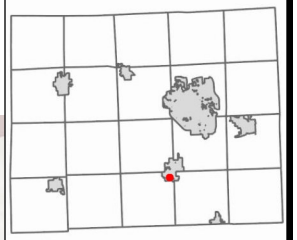
Washtenaw County Equalization Department: (734) 222-6662

Office of the Washtenaw County Water Resource Commissioner: (734) 222-6860

232 Monroe St - Soil Types

Geographic Information System





Legend

- Right of Way
- Quarter Sections
- Plat Boundary
- Parcels
- Soils
- Ann Arbor
- County
- University and College L
- University and College
- K12 Schools Labels
- K12 Schools
  - Charter
  - Private
  - Public
- Police Stations
- Fire Stations
- County Buildings
- Local Unit Offices
- Building Footprints
- Airport Terminal

THIS MAP REPRESENTS PARCELS ATTHE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

NOTE: Parcels may not be to scale.

7/22/2015

0 100.00 200.0 Feet

© 2013 Washtenaw County

1: 1,200

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

Appendix B

Storm Water Inspection Forms

Storm Water Plan Amendment Log

Project Name: JCI 232 Monroe – Debris Removal Services

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]

Delegation of Authority Form

Delegation of Authority

I, _____ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the _____ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

_____ (name of person or position)
_____ (company)
_____ (address)
_____ (city, state, zip)
_____ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in _____ (Reference State Permit), and that the designee above meets the definition of a "duly authorized representative" as set forth in _____ (Reference State Permit).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: _____

Company: _____

Title: _____

Signature: _____

Date: _____

CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT

GENERAL INFORMATION			
Project Name:			
NDPES Tracking Number:		**Location:**	
Date of Inspection:		**Start/End Time**	
Inspector's Name(s):			
Inspector's Title(s):			
Inspector's Contact Information:			
Inspector's Qualifications:			
Describe present phase of construction:			

Type of Inspection:

☐ **Regular** ☐ **Pre-storm event** ☐ **During storm event** ☐ **Post-storm event**

WEATHER INFORMATION

Has there been a storm event since the last inspection? ☐ Yes ☐ **No**

If yes, provide:

Storm Start Date and Time: _____ **Storm Duration:** _____

Approximate Amount of Precipitation (inches): _____

Weather at the time of this inspection:

☐ **Clear** ☐ **Cloudy** ☐ **Rain** ☐ **Sleet** ☐ **Fog** ☐ **Snowing**

☐ **Other** _____ **Temperature:** _____

Have any discharges occurred since the last inspection? ☐ Yes ☐ **No**

If yes, describe: _____

Attach photographs as necessary:

CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT

GENERAL INSPECTION COMMENTS

Describe results of inspections performed: _____

Site Specific BMPs:

1. *Number the structural and non-structural BMPs identified in your SWM&ECP on your site map and list them below (add as many BMPs as necessary). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required BMPs at your site.*
2. *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log*

No.	BMP	BMP Installed	BMP Maintenance Required	Corrective Action Needed and Notes
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	

Overall Site Issues:

Below are general site conditions that should be assessed during inspection. Customize this list as needed for conditions at your site.

Item	BMP/activity	Implemented	Maintenance Required	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☐ Yes ☐ No	☐ Yes ☐ No	
2	Are natural resource areas (e.g.: streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☐ Yes ☐ No	☐ Yes ☐ No	

CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT

3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☐ Yes ☐ No	☐ Yes ☐ No	
4	Are discharge points and receiving waters free of any sediment deposits?	☐ Yes ☐ No	☐ Yes ☐ No	
5	Are storm drain inlets properly protected?	☐ Yes ☐ No	☐ Yes ☐ No	
6	Is the construction exit preventing sediment from being tracked into the street?	☐ Yes ☐ No	☐ Yes ☐ No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	☐ Yes ☐ No	☐ Yes ☐ No	
8	Are washout facilities (e.g.: paint, stucco, concrete, etc.) available, clearly marked, and maintained?	☐ Yes ☐ No	☐ Yes ☐ No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	☐ Yes ☐ No	☐ Yes ☐ No	
10	Are materials that are potential stormwater contaminates stored inside or under cover?	☐ Yes ☐ No	☐ Yes ☐ No	
11	Are non-stormwater discharges (e.g.: wash water, dewatering, etc.) properly controlled?	☐ Yes ☐ No	☐ Yes ☐ No	
12	Other	☐ Yes ☐ No	☐ Yes ☐ No	

NON-COMPLIANCE

Describe incidents of non-compliance not described above: _____

CERTIFICATION STATEMENT

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: _____

Signature: _____ Date: _____

Appendix C

Daily Quality Control Reports and Photo Logs

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	1	**Day:**	Monday	**Date:**	8/3/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	12	mph
Temperature:	**Min**	73	**Max**	98	**Precipitation:**		

Key: CL Clear; PC Partly Cloudy; MC Mostly Cloudy; OC Overcast

www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	General Superintendent	Ronnie Weeks	8	8	Superintendent/Safety
1	Operator	Rick Woods	8	8	Operator
1	Operator	Johnny Lewis	8	8	Operator
1	QC/Safety	Tim Moore	0	0	QC/Safety
		Total Hours	24	24	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	0	0	7/31/2015	
John Deere 350G Excavator (810720)	CRC	3.7	3.7	7/31/2015	
Tool Trailer	CTI	8	8	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	8	8	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	8	8	8/3/2015	
Ride On Trencher	CRC	1.7	1.7	8/3/2015	
		0	0		
		0	0		
		0	0		

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

1: walk site to look for monitoring wells, open pits and to familiarize crew with work to be performed.

2: pick up temp fencing, caution tape, marking paint and silt fence materials. Crew worked on silt fence installation and installed approximately 200 LF

3: used excavator to clean up brush and debris from 2 asphalt piles and #1 concrete pile.

4: discovered significantly more red brick debris intermixed within Concrete Pile #1 than was visible from surface - may affect recycling

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	1	Day:	Monday	Date:	8/3/2015

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes	☐	☐
					☐	☐

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Preparation	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	☑	Trenches/Excavations	☐	Rigging Equipment	☐

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	1	**Day:**	Monday	**Date:**	8/3/2015

Fire extinguishers	☑	Work zone barriers	☐	Barriers	☑
Personnel PPE	☑	Under/Over Utilities	☑	Vehicles	☑

Daily Tailgate Safety Topic:

Heat Exhaustion

Were all activities conducted in accordance with EM 385-1-1?	**YES**	☑	**NO**	☐
Were all activities conducted in accordance with SSHASP?	**YES**	☑	**NO**	☐

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	☐	**Pre-Storm:**	☐	**Post-Storm:** ☐

Inspections Conducted:

Straw Waddles	☐	Straw Bales	☐	Other	☐

Were all activities conducted in accordance with the EPP?	**YES**	☑	**NO**	☐

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

Found what appears to be an existing storm drain manhole by pile #1 that had lid slid out of place. Re-installed lid back over manhole structure.
While cleaning Stockpile #1, discovered significantly more buried brick debris mixed in with concrete than was assumed.

15. Planned Activities: (List anticipated field activities for next day of work).

Complete silt fence installation, cut and cap existing water main, continue to clean brush and debris from stockpiles.

16. Safety Hours:

Daily CTI plus Subcontractors:	24	**Hours**	**Number of On-site Workdays:**	1
Cumulative Safety Hours to Date:	24	**Hours**	**Calendar Days Since Start of Work:**	1

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/3/2015
SSHO and QC	**Date**
Ronnie Weeks	8/3/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	2	**Day:**	Tuesday	**Date:**	8/4/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10	mph
Temperature:	**Min**	53	**Max**	81	**Precipitation:**		
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	General Superintendent	Ronnie Weeks	8	16	Superintendent/Safety
1	Operator	Rick Woods	8	16	Operator
1	Operator	Johnny Lewis	8	16	Operator
1	QC/Safety	Tim Moore	0	0	QC/Safety
		Total Hours	24	48	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	0	0	7/31/2015	
John Deere 350G Excavator (810720)	CRC	7	10.7	7/31/2015	
Tool Trailer	CTI	8	16	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	8	16	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	8	16	8/3/2015	
Ride On Trencher	CRC	7	8.7	8/3/2015	
		0	0		
		0	0		
		0	0		

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

1: crew located and excavated existing 8" Ductile Iron water main. Cut and cap using 1 EA 8" Mega Lug, 1 EA Bolt gasket set and 1 EA 8"x2" Tap cap.
then placed concrete mix between cap and existing pipe. After City review and inspection of cut and cap area was backfilled and cleaned up.
3: used excavator to clean up brush and debris from #2 concrete pile. Located an existing area just south of pile #2 that appears to have storm drain pipe
running through with a foundation in the bottom as well.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	2	Day:	Tuesday	Date:	8/4/2015

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes	☐	☐
					☐	☐

7. Three Phase Control Activities Performed:

	Definable Features of Work	Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	☑	Trenches/Excavations	☐	Rigging Equipment	☐

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	2	**Day:**	Tuesday	**Date:**	8/4/2015
Fire extinguishers	☑	Work zone barriers	☐	Barriers	☑
Personnel PPE	☑	Under/Over Utilities	☑	Vehicles	☑

Daily Tailgate Safety Topic:

Importance of three point connection when entering and exiting equipment.

Were all activities conducted in accordance with EM 385-1-1?	**YES**	☑	**NO**	☐
Were all activities conducted in accordance with SSHASP?	**YES**	☑	**NO**	☐

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	☐	**Pre-Storm:**	☐	**Post-Storm:**	☐

Inspections Conducted:

Straw Waddles	☐	Straw Bales	☐	Other	☐

Were all activities conducted in accordance with the EPP?	**YES**	☑	**NO**	☐

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

Had a visitor onsite Larry Holland who is the property owner next door. He just wanted to see if we need access from his property. I told him that we would not but if that changed we would be in touch prior to entering his property.

15. Planned Activities: (List anticipated field activities for next day of work).

Complete silt fence installation, continue to clean brush and debris from stockpiles. Clean and CCTV sewer mains.

16. Safety Hours:

Daily CTI plus Subcontractors:	24	**Hours**	**Number of On-site Workdays:**	2
Cumulative Safety Hours to Date:	48	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/4/2015
SSHO and QC	**Date**
Ronnie Weeks	8/4/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	3	**Day:**	Wednesday	**Date:**	8/5/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	8	mph
Temperature:	**Min**	54	**Max**	80	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast			www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	General Superintendent	Ronnie Weeks	8	24	Superintendent/Safety
1	Operator	Rick Woods	8	24	Operator
1	Operator	Johnny Lewis	8	24	Operator
1	QC/Safety	Tim Moore	8	8	QC/Safety
		Total Hours	32	80	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	0	0	7/31/2015	
John Deere 350G Excavator (810720)	CRC	1.9	12.6	7/31/2015	
Tool Trailer	CTI	8	24	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	8	24	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	8	24	8/3/2015	
Ride On Trencher	CRC	3.7	12.4	8/3/2015	
Kia Sorento Rental	CTI	8	8	8/5/2015	
		0	0		
		0	0		

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed installation of 3' silt fence along the south and southwest sides of the work area. Support posts were placed with 10' maximum spacing. Silt fence was buried in a 6" anchor trench. Anchor trenches were excavated with a Vermeer V-3550A trencher machine.

Youngs Environmental Cleanup water jet cleaned and TV'ed the existing sanitary lines between manholes #1, #2, #3, and #4 (MH #1 is northern most MH on site).

CTI performed site exploration including excavation of existing concrete slabs and foundations to determine dimensions and extent and potholing of existing stockpiles to determine debris contents.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	3	Day:	Wednesday	Date:	8/5/2015

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes	☐	☐

7. Three Phase Control Activities Performed:

	Definable Features of Work	Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	☑	Trenches/Excavations	☐	Rigging Equipment	☐
	☑		☐		☑
	☑		☑		☑

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	3	**Day:**	Wednesday	**Date:**	8/5/2015
Fire extinguishers	☐	Work zone barriers	☐	Barriers	☐
Personnel PPE		Under/Over Utilities		Vehicles	

Daily Tailgate Safety Topic:

Slips, trips, and falls. ☑ ☐

Were all activities conducted in accordance with HASP? **YES** **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

☐ ☐ ☐

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	☐	**Regular:**	**Pre-Storm:**	☐	**Post-Storm:** ☐

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

☑ ☐

Were all activities conducted in accordance with the EPP? **YES** **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Complete site exploration and continue to clean brush and debris from stockpiles.

16. Safety Hours:

Daily CTI plus Subcontractors:	32	**Hours**	**Number of On-site Workdays:**	3
Cumulative Safety Hours to Date:	80	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 8/5/2015

SSHO and QC — **Date**

Ronnie Weeks — 8/5/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	4	**Day:**	Thursday	**Date:**	8/6/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	8	mph
Temperature:	**Min**	54	**Max**	80	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	General Superintendent	CTI	8	32	Superintendent/Safety
2	Operators	CTI	16	64	Operator
1	QC/Safety	CTI	8	24	QC/Safety
3	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	32	204	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	3	3	7/31/2015	
John Deere 350G Excavator (810720)	CRC	7	19.6	7/31/2015	
Tool Trailer	CTI	8	32	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	8	32	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	8	32	8/3/2015	
Vermeer V-3550A Riding Trencher	CRC	2	14.4	8/3/2015	8/6/2015
Kia Sorento Rental	CTI	8	16	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
		0	0		

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued to perform site exploration including excavation of the ground surface to locate existing concrete slabs and foundations and determine dimensions and extent. Exploration was performed with two John Deere 350G excavators.

CTI used the blade on the Vermeer Trencher to clean up the existing asphalt drive in preparation for future trucking operations.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	4	Day:	Thursday	Date:	8/6/2015

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes		

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	4	**Day:**	Thursday	**Date:**	8/6/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	☑	Trenches/Excavations	☑	Rigging Equipment	☐
Fire extinguishers	☑	Work zone barriers	☐	Barriers	☑
Personnel PPE	☑	Under/Over Utilities	☑	Vehicles	☑

Daily Tailgate Safety Topic:

Safety glasses

Were all activities conducted in accordance with HASP? **YES** ☑ **NO** ☐

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	☐	**Pre-Storm:**	☐	**Post-Storm:** ☐

Inspections Conducted:

Straw Waddles	☐	Straw Bales	☐	Other	☐

Were all activities conducted in accordance with the EPP? **YES** ☑ **NO** ☐

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Clean up site and begin vegetation removal in preparationfor material hauling.

16. Safety Hours:

Daily CTI plus Subcontractors:	32	**Hours**	**Number of On-site Workdays:**	4
Cumulative Safety Hours to Date:	204	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/6/2015
SSHO and QC	**Date**
Ronnie Weeks	8/6/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	5	**Day:**	Friday	**Date:**	8/7/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	6 mph
Temperature:		**Min**	50	**Max**	79	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	General Superintendent	CTI	10	42	Superintendent/Safety
2	Operators	CTI	20	84	Operator
1	QC/Safety	CTI	10	34	QC/Safety
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	40	244	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	6.2	9.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	7.4	27	7/31/2015	
John Deere 655C Loader	CRC	2	2	8/7/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	5	5	8/7/2015	
Tool Trailer	CTI	10	42	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	42	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	42	8/3/2015	
Kia Sorento Rental	CTI	10	26	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI began excavating existing concrete slabs and foundations with JD 350G excavators. Broken concrete was stockpiled adjacent to the removal areas. Care was taken to separate concrete from existing soils and debris during excavation; however, the majority of stockpiles still contain some soil and non-concrete debris. During removal of existing concrete items, CTI discovered several utility structures and concrete encased pipe. CTI also began removing existing trees and vegetation across the project site with a JD 350G excavator. A JD 655C loader was used to transport trees and vegetation to a stockpile adjacent to the asphalt access road.

Open excavations or pits were fenced off at the end of the work day.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	5	Day:	Friday	Date:	8/7/2015

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

	Definable Features of Work	Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	5	**Day:**	Friday	**Date:**	8/7/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment		Trenches/Excavations		Rigging Equipment	
Fire extinguishers	☑	Work zone barriers	☑	Barriers	☐
Personnel PPE	☑	Under/Over Utilities	☐	Vehicles	☑
Daily Tailgate Safety Topic:	☑		☑		☑

Walk around equipment prior to operation

Were all activities conducted in accordance with HASP?	**YES**	**NO**
Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).	☑	☐

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**
Inspections Conducted:	☐	☐	☐

Straw Waddles		Straw Bales		Other	
	☐		☐		☐

Were all activities conducted in accordance with the EPP?	**YES**	**NO**
	☑	☐

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Clean up site and begin vegetation removal in preparation for material hauling.

16. Safety Hours:

Daily CTI plus Subcontractors:	40	**Hours**	**Number of On-site Workdays:**	5
Cumulative Safety Hours to Date:	244	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/7/2015
SSHO and QC	**Date**
Ronnie Weeks	8/7/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	6	**Day:**	Monday	**Date:**	8/10/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10	mph
Temperature:	**Min**	61	**Max**	79	**Precipitation:**	PM - 0.6"	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	8.5	8.5	Project Manager
1	General Superintendent	CTI	10	52	Superintendent/Safety
2	Operators	CTI	20	104	Operator
1	QC/Safety	CTI	10	44	QC/Safety
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	40	284	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	19.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	10	37	7/31/2015	
John Deere 655C Loader	CRC	10	12	8/7/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	15	8/7/2015	
Tool Trailer	CTI	10	52	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	52	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	52	8/3/2015	
Kia Sorento Rental	CTI	10	36	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued excavating existing concrete slabs and foundations with JD 350G excavators. Broken concrete was stockpiled adjacent to the removal areas. Care was taken to separate concrete from existing soils and debris during excavation; however, some stockpiles still contain soil and non-concrete debris. As directed by JCI onsite today, CTI began excavating and stockpiling any visible concrete utility piping and structures. CTI also continued removing existing trees and vegetation across the project site with a JD 350G excavator. A JD 655C loader was used to transport trees and vegetation to a stockpile adjacent to the asphalt access road.

CTI discovered concrete and soil with green coloring south of the denoted chromium area, and several areas with a petroleum odor. After consulting with JCI, CTI scheduled additional environmental sampling and testing of these areas.

Open excavations or pits were fenced off at the end of the work day.

Filter fabric was installed in the existing catch basin inlets on the Monroe St. west curb line, north and south of the site entrance. Sand bags will be installed on a future date to extend the fabric over the curb box.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	6	Day:	Monday	Date:	8/10/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes		

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	6	**Day:**	Monday	**Date:**	8/10/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Awareness

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:** X	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted: Site walk along silt fence

Straw Waddles		Straw Bales		Other	Silt Fence

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

Johnson Controls (JCI) representative Mike Stoelton visited the project site. JCI was shown significant buried concrete that CTI had uncovered. JCI was also shown concrete and soil with green coloring south of the denoted chromium area, and concrete and soil with a petroleum odor north of the access road. JCI requested CTI perform additional environmental testing.

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Consolidate concrete stockpiles. Continue brush removal and stockpiling.

16. Safety Hours:

Daily CTI plus Subcontractors:	40	**Hours**	**Number of On-site Workdays:**	6
Cumulative Safety Hours to Date:	284	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/10/2015
SSHO and QC	**Date**
Ronnie Weeks	8/10/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	7	**Day:**	Tuesday	**Date:**	8/11/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	7	mph
Temperature:	**Min**	62	**Max**	80	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	0	8.5	Project Manager
1	General Superintendent	CTI	10	62	Superintendent/Safety
2	Operators	CTI	20	124	Operator
1	QC/Safety	CTI	10	54	QC/Safety
2	Environmental Eng.	CTI	3	3	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	43	327	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	29.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	6.5	43.5	7/31/2015	
John Deere 655C Loader	CRC	10	22	8/7/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	25	8/7/2015	
Tool Trailer	CTI	10	62	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	62	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	62	8/3/2015	
Kia Sorento Rental	CTI	10	46	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued excavating existing concrete slabs, foundations, and visible utilities with JD 350G excavators. Broken concrete was stockpiled adjacent to the removal areas. Care was taken to separate concrete from existing soils and debris during excavation; however, some stockpiles still contain soil and non-concrete debris. CTI also continued removing existing trees and vegetation across the project site with a JD 350G excavator. A JD 655C loader was used to transport trees and vegetation to a stockpile adjacent to the asphalt access road. Open excavations or pits were fenced off at the end of the work day.

CTI began to transport asphalt debris from the existing stockpile on the west side of the site to the west edge of the asphalt access road with the JD 655C loader.

Sand bags were placed in front of the curb box inlets on the catch basins north and south of the site entrance on the Monroe St. west curb line to direct water flow th

CTI installed "No Trespassing" signs on the site perimeter fence line.

CTI environmental group collected a sample of discoolored soil south of the known chromium area.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	7	Day:	Tuesday	Date:	8/11/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes		

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials			
	Foundation and slab removal			

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	7	**Day:**	Tuesday	**Date:**	8/11/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Horseplay

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:** X

Inspections Conducted: Site walk along silt fence and filter socks on Monroe St.

Straw Waddles		Straw Bales		Other	Silt Fence

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue brush removal and stockpiling. Begin hauling clean concrete to Stoneco for recycling

16. Safety Hours:

Daily CTI plus Subcontractors:	43	**Hours**	**Number of On-site Workdays:**	7
Cumulative Safety Hours to Date:	327	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/11/2015
SSHO and QC	**Date**
Ronnie Weeks	8/11/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	8	**Day:**	Wednesday	**Date:**	8/12/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10.4	mph
Temperature:	**Min**	56	**Max**	76	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	0	8.5	Project Manager
1	General Superintendent	CTI	10	72	Superintendent/Safety
2	Operators	CTI	20	144	Operator
1	QC/Safety	CTI	10	64	QC/Safety
2	Environmental Eng.	CTI	8.5	11.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	48.5	375.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	39.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	0	43.5	7/31/2015	
John Deere 655C Loader	CRC	10	32	8/7/2015	
John Deere 329E Skidsteer	CRC	2	2	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	35	8/7/2015	
Tool Trailer	CTI	10	72	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	72	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	72	8/3/2015	
Kia Sorento Rental	CTI	10	56	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded clean concrete debris from an existing stockpile into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 15, 40-cubic yard haul truck loads were delivered for a daily total of 720.57 tons and 600 cubic yards. 1 load of asphalt debris from the west asphalt stockpile was delivered to the Cadillac Asphalt Wagner Rd Plant; however, it was rejected after dumping, due to excessive soil content. The truck driver was not allowed to cross the scales to weigh the load. CTI is investigating additional asphalt disposal options.

CTI completed transporting asphalt debris from the existing stockpile on the west side of the site to the west edge of the asphalt access road with the JD 655C loader.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	8	Day:	Wednesday	Date:	8/12/2015

CTI was unable to continue demolishing and excavating in-place concrete slabs, walls, and foundations due to yesterday's breakdown of a John Deere 350G excavator. The excavator was repaired on site to the point that it could be loaded onto a trailer and transported to the CRC yard for additional repairs. Delivery of another excavator was scheduled for today, but was not delivered.

CTI placed "construction entrance" and "trucks entering roadway" signage and traffic barrels at the entrance to the project site to alert vehicles along Monroe St. of the additional traffic from haul trucks, and discourage unauthorized visitors.

CTI environmental group collected various soil, water, and concrete samples throughout the project site.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	8	Day:	Wednesday	Date:	8/12/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Previously Stockpiled Concrete	600 CY / 720.57 Tons	600 CY / 720.57 Tons	Stoneco - Ann Arbor Recycling #81-098
Previoulsy Stockpiled Asphalt	40 CYD	40 CYD	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes		

7. Three Phase Control Activities Performed:

	Definable Features of Work	Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:	Approval Date:
-	-		-	-	-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	600 CY	600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	8	**Day:**	Wednesday	**Date:**	8/12/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Traffic Control

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

CTI environmental department on site to perform sampling of onsite soils, water, and concrete.

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue hauling clean concrete to Stoneco.

16. Safety Hours:

Daily CTI plus Subcontractors:	48.5	**Hours**	**Number of On-site Workdays:**	8
Cumulative Safety Hours to Date:	375.5	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/12/2015
SSHO and QC	**Date**
Ronnie Weeks	8/12/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	9	**Day:**	Thursday	**Date:**	8/13/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	8	mph
Temperature:	**Min**	66	**Max**	85	**Precipitation:**	Light AM Rain	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	0	8.5	Project Manager
1	General Superintendent	CTI	10	82	Superintendent/Safety
2	Operators	CTI	20	164	Operator
1	QC/Safety	CTI	10	74	QC/Safety
0	Environmental Eng.	CTI	0	11.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	40	415.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	49.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	0	43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC	8	8	8/13/2015	
John Deere 655C Loader	CRC	5	37	8/7/2015	
John Deere 329E Skidsteer	CRC	5	7	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	45	8/7/2015	
Tool Trailer	CTI	10	82	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	82	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	82	8/3/2015	
Kia Sorento Rental	CTI	10	66	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded clean concrete debris from an existing stockpile into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 15, 40-cubic yard haul truck loads were delivered for a daily total of 783.75 tons and 640 cubic yards. CTI performed dust control and maintained the asphalt access road with a John Deere 329E skidsteer mounted brush, as needed.

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site with a Komatsu 300LC excavator. Broken concrete was placed in stockpiles adjacent to the removal area and then transported to a larger stockpile near the access road with a John Deere 655C loader. The Komatsu 300LC excavator was down for 2.5 hours until the CRC mechanic could install and repair the hydraulic breaking hammer.

During excavation of in-place concrete, CTI discovered areas of soil with gray/black discoloration and a suspected petroleum odor. CTI environmental group was informed of the locations.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	9	Day:	Thursday	Date:	8/13/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Previously Stockpiled Concrete	640 CY / 783.75 Tons	1240 CY / 1504.32 Tons	Stoneco - Ann Arbor Recycling #81-098

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject
				Yes		

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	640 CY	1240 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	9	**Day:**	Thursday	**Date:**	8/13/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Refueling Equipment

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue hauling clean concrete to Stoneco.

16. Safety Hours:

Daily CTI plus Subcontractors:	40	**Hours**	**Number of On-site Workdays:**	9
Cumulative Safety Hours to Date:	415.5	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/13/2015
SSHO and QC	**Date**
Ronnie Weeks	8/13/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	10	**Day:**	Friday	**Date:**	8/14/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	5	mph
Temperature:	**Min**	64	**Max**	85	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	0	8.5	Project Manager
1	General Superintendent	CTI	10	92	Superintendent/Safety
2	Operators	CTI	20	184	Operator
1	QC/Safety	CTI	10	84	QC/Safety
1	Environmental Eng.	CTI	2	13.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	42	457.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	59.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	0	43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC	10	18	8/13/2015	
John Deere 655C Loader	CRC	9	46	8/7/2015	
John Deere 329E Skidsteer	CRC	1	8	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	55	8/7/2015	
Tool Trailer	CTI	10	92	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	92	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	92	8/3/2015	
Kia Sorento Rental	CTI	10	76	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded clean concrete debris from an existing stockpile into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 11, 40-cubic yard haul truck loads were delivered for an estimated daily total of 517.33 tons and 440 cubic yards. 1, 40-cubic yard load of asphalt debris from the west asphalt stockpile was delivered to the Cadillac Asphalt - Rawsonville Plant. Access to a scale was not available. CTI performed dust control and maintained the asphalt access road with a John Deere 329E skidsteer mounted brush, as needed.

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site with a Komatsu 300LC excavator. Broken concrete was placed in stockpiles adjacent to the removal area and then transported to a larger stockpile near the access road with a John Deere 655C loader.

CTI environmental group was on site to observed grey/black discolored soil found during excavation of in-place concrete.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	10	Day:	Friday	Date:	8/14/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Previously Stockpiled Concrete	440 CY / 517.33 Tons	1680 CY / 2021.65 Tons	Stoneco - Ann Arbor Recycling #81-098
Previoulsy Stockpiled Asphalt	40 CYD	40 CYD	Cadillac - Rawsonville
Previoulsy Stockpiled Asphalt	40 CYD	40 CYD	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	440 CY	1680 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris	40 CY	40 CY	Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	10	**Day:**	Friday	**Date:**	8/14/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Tunnel Vision

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue hauling clean concrete to Stoneco.

16. Safety Hours:

Daily CTI plus Subcontractors:	42	**Hours**	**Number of On-site Workdays:**	10
Cumulative Safety Hours to Date:	457.5	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/14/2015
SSHO and QC	**Date**
Ronnie Weeks	8/14/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	11	**Day:**	Monday	**Date:**	8/17/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	12 mph
Temperature:		**Min**	64	**Max**	85	**Precipitation:**	Early PM Rain -
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	3	11.5	Project Manager
1	General Superintendent	CTI	10	102	Superintendent/Safety
2	Operators	CTI	20	204	Operator
1	QC/Safety	CTI	10	94	QC/Safety
1	Environmental Eng.	CTI	2.75	16.25	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	42.75	500.25	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	69.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	0	43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC	6	24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	1.5	1.5	8/17/2015	
John Deere 655C Loader	CRC	10	56	8/7/2015	
John Deere 329E Skidsteer	CRC	0	8	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	65	8/7/2015	
Tool Trailer	CTI	10	102	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	102	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	102	8/3/2015	
Kia Sorento Rental	CTI	10	86	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded clean concrete debris from an existing stockpile into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 8, 40-cubic yard haul truck loads of existing stockpiled concrete were delivered for a daily total of 363.91 tons and 320 cubic yards. CTI also began loading stockpiled clean, excavated in-place concrete into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 6, 40-cubic yard haul truck loads of excavated in-place concrete were delivered for a daily total of 240 cubic yards and 181.39 tons.

US Ecology delivered two 20-cubic yard open top roll off boxes for disposal of chromium hazardous waste concrete. Roll off boxes were installed with plastic liners by the driver. Roll off dumpsters were off loaded adjacent to the chromium hazardous waste area. CTI loaded approximately 10 cubic yard of hexavalent chromium hazardous waste concrete debris into both roll offs. Loading was limited to 10 cubic yards at the advisement of the delivery truck driver based on weight limits. CTI performed dry decontamination of the excavator prior to leaving the area.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	11	Day:	Monday	Date:	8/17/2015

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site with a Komatsu 300LC excavator. Broken concrete was placed in stockpiles adjacent to the removal area and then transported to a larger stockpile near the access road with a John Deere 655C loader. During excavation of a concrete slab southwest of the northwest PCB area, CTI observed soil and concrete with green staining. CTI environmental group was informed of the observation.

CTI environmental group was on site to perform periodic site observation.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Previously Stockpiled Concrete	320 CY / 363.91 Tons	2000 CY / 2381.66 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	240 CY / 181.39 Tons	240 CY / 181.39 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt	40 CYD	40 CYD	Cadillac - Rawsonville
Previously Stockpiled Asphalt	40 CYD	40 CYD	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB			
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	11	Day:	Monday	Date:	8/17/2015

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
-	-	-	-	-

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	560 CY	2240 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris	40 CY	40 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Heavy Equipment

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue hauling clean concrete to Stoneco and asphalt to Cadillac - Rawsonville.

16. Safety Hours:

Daily CTI plus Subcontractors:	42.75	**Hours**	**Number of On-site Workdays:**	11
Cumulative Safety Hours to Date:	500.25	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 8/17/2015

SSHO and QC — **Date**

Ronnie Weeks — 8/17/2015

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	11	**Day:**	Monday	**Date:**	8/17/2015
Site Superintendent				**Date**	

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	12	**Day:**	Tuesday	**Date:**	8/18/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10	mph
Temperature:	**Min**	66	**Max**	83	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
1	General Superintendent	CTI	10	112	Superintendent/Safety
2	Operators	CTI	20	224	Operator
1	QC/Safety	CTI	10	104	QC/Safety
1	Environmental Eng.	CTI	2	18.25	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	42	542.25	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	79.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC	0	43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC	0	24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	1	2.5	8/17/2015	
John Deere 655C Loader	CRC	9	65	8/7/2015	
John Deere 700K Dozer	CRC	8	8	8/18/2015	
John Deere 329E Skidsteer	CRC	1	9	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC	0	14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	75	8/7/2015	
Tool Trailer	CTI	10	112	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	112	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	112	8/3/2015	
Kia Sorento Rental	CTI	10	96	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	0	4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental	0	4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded clean broken concrete from an existing stockpile into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 6, 40-cubic yard haul truck loads of existing stockpiled concrete were delivered for a daily total of 290.49 tons and 240 cubic yards. Concrete clean enough for recycling was no longer available from this stockpile. The remaining soil and concrete mixture was moved to the west concrete stockpile scheduled for disposal at Sauk Trail Hills due to red brick and assorted debris content. CTI also continued loading stockpiled clean, excavated in-place broken concrete into haul trucks for transportation to the Stoneco Ann Arbor Recycling Pit with a John Deere 350G excavator. 3, 40-cubic yard haul truck loads of excavated in-place concrete were delivered for a daily total of 114.3 tons and 120 cubic yards. CTI also began loading previously stockpiled broken asphalt into 40-cubic yard haul trucks for transportation to Cadillac - Rawsonville Plant for recycling. 11, 40-cubic yard haul loads of broken asphalt were delivered for a daily total of 440 cubic yards. The facility will not permit weighing of recycled materials on their scales, due to disruption of their asphalt production.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	12	**Day:**	Tuesday	**Date:**	8/18/2015

US Ecology delivered two 20-cubic yard open top roll off boxes for disposal of chromium hazardous waste concrete. Roll off boxes were installed with plastic liners by the driver. US Ecology also picked up two roll off boxes previously loaded with hexavalent chromium hazardous waste concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant. The roll offs were loaded with an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris each, due to weight restrictions.

CTI continued transporting excavated in-place broken concrete to larger stockpiles near the access road with a John Deere 655C loader.

CTI began to rough grade the east half of the project site with a John Deere 700K dozer. The western edge of the raised eastern area of the site was sloped downward to the east side of the existing sanitary manhole inside of the original building footprint.

CTI environmental group was on site to perform periodic site observation.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium	20 CY	20 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	240 CY / 290.49 Tons	2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	120 CY / 114.3 Tons	360 CY / 295.69 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt	440 CY	480 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt	40 CY	40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	12	Day:	Tuesday	Date:	8/18/2015

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium	20 CY	20 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
				-

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	360 CY	2600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris	440 CY	480 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Preventing Accidents

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Continue hauling clean concrete to Stoneco and asphalt to Cadillac - Rawsonville.

16. Safety Hours:

Daily CTI plus Subcontractors:	42	**Hours**	**Number of On-site Workdays:**	12
Cumulative Safety Hours to Date:	542.25	**Hours**	**Calendar Days Since Start of Work:**	

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/18/2015
SSHO and QC	**Date**
Ronnie Weeks	8/18/2015

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	12	**Day:**	Tuesday	**Date:**	8/18/2015
Site Superintendent				**Date**	

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	13	**Day:**	Wednesday	**Date:**	8/19/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	CL	**PM**	OC	**Wind:**	20 mph
Temperature:		**Min**	63	**Max**	83	**Precipitation:**	Hvy PM Rain - 0.42"
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
1	General Superintendent	CTI	10	122	Superintendent/Safety
2	Operators	CTI	20	244	Operator
1	QC/Safety	CTI	10	114	QC/Safety
1	Environmental Eng.	CTI	0.75	19	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	40.75	583	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	89.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	12.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	8	8/18/2015	
John Deere 329E Skidsteer	CRC	5	14	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	85	8/7/2015	
Tool Trailer	CTI	10	122	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	122	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	122	8/3/2015	
Kia Sorento Rental	CTI	10	106	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued loading previously stockpiled broken asphalt into 40-cubic yard haul trucks for transportation to Cadillac - Rawsonville Plant for recycling. 3, 40-cubic yard haul loads of broken asphalt were delivered for a daily total of 120 cubic yards. The facility will not permit weighing of recycled materials on their scales, due to disruption of their asphalt production. After 3 loads, CTI was informed by Cadillac that they would no longer accept broken asphalt due to excessive soil content. CTI then began transporting broken asphalt to Republic - Sauk Trail Hill Landfill for disposal. 11, 40-cubic yard haul truck loads of broken asphalt were delivered for a daily total of 440 cubic yards and 535.93 tons.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	13	Day:	Wednesday	Date:	8/19/2015

CTI demolished and removed the existing asphalt parking area pavement inside the perimeter fencing at the southeast corner of the site with a John Deere 350G excavator. CTI began transporting broken asphalt from the southeast corner to a stockpile adjacent to the access road with the John Deere329E skidsteer. After Cadillac Asphalt began rejecting on-site asphalt debris, CTI stockpiled the remaining broken asphalt at the southeast corner, adjacent to the former parking lot for future disposal at Sauk Trail Hills Landfill.

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations in the east quarter of the site and north of the hazardous concrete area with two John Deere 350G excavators. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. During excavation of concrete foundations southwest of the well area, CTI uncovered a steel pit encased in concrete. The pit appeared to contain dirty water. CTI environmental group was informed of the observation. CTI construction was instructed to dispose of the liquid off site, in the same manner as the liquid in the previously sampled pits.

CTI loaded an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris into two US Ecology roll off dumpsters. Loading was limited to 10 cubic yards per roll off at the advisement of the delivery truck driver due to weight restrictions. CTI performed dry decontamination of the John Deere 350G excavator prior to leaving the area. Roll off boxes had previously been installed with plastic liners by the driver. Roll offs were tarped until pick up.

CTI environmental group was on site to perform periodic site observation and collect a sample of the newly exposed concrete slab under the hexavalent chromium contaminated concrete stockpile.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium Concrete		20 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		360 CY / 295.69 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt	440 CY / 535.93 Tons	440 CY / 535.93 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt	120 CY	600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	13	Day:	Wednesday	Date:	8/19/2015

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		20 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris	440 CY	440 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		2600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris	120 CY	600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

UV Protection

Were all activities conducted in accordance with HASP?	YES	X	NO	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	YES	X	NO	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

CTI environmental group informed CTI construction that concrete and soil samples taken on 8-12-15 at areas of green and black discoloration were not hazardous and are approved for recycling and/or disposal. CTI construction was also informed that water sampled on 8-12-15 from various pits around the project site was not hazardous, but should be disposed of off site. CTI construction was also instructed to protect the well and well reservoir until additional investigation could be completed.

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavation and stockpiling of existing concrete. Haul non-recyclable asphalt and concrete to Republic - Sauk Trail Hills Landfill.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	13	**Day:**	Wednesday	**Date:**	8/19/2015

16. Safety Hours:

Daily CTI plus Subcontractors:	40.75	**Hours**	**Number of On-site Workdays:**	13
Cumulative Safety Hours to Date:	583	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/19/2015
SSHO and QC	**Date**
Ronnie Weeks	8/19/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	14	**Day:**	Thursday	**Date:**	8/20/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	22	mph
Temperature:	**Min**	52	**Max**	73	**Precipitation:**	Early AM Rain - 0.37"	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
1	General Superintendent	CTI	10	132	Superintendent/Safety
2	Operators	CTI	20	264	Operator
1	QC/Safety	CTI	10	124	QC/Safety
0	Environmental Eng.	CTI	0	19	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	40	623	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	99.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	0	12.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	2	10	8/18/2015	
John Deere 329E Skidsteer	CRC	2	16	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	95	8/7/2015	
Tool Trailer	CTI	10	132	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	132	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	132	8/3/2015	
Kia Sorento Rental	CTI	10	116	8/5/2015	
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Due to approximately 0.8" of rain over the last 24 hours, site conditions were wet. CTI cleaned up haul roads prior to loading any haul trucks with a John Deere 700K dozer and John Deere 329E skid steer. CTI periodically inspected the site exit to ensure truck traffic was not tracking soil out of the project site onto Monroe Street.

CTI completed loading previously stockpiled broken asphalt from the west side of the site into 40-cubic yard haul trucks for transportation to Republic - Sauk Trail Hills Landfill for disposal. 5, 40-cubic yard haul truck loads of broken asphalt were delivered for a daily total of 200 cubic yards and 213.14 tons. After the west asphalt stockpiles were exhausted, CTI began loading previously stockpiled concrete from the westernmost concrete stockpile into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 15, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 600 cubic yards and 673.08 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of red brick and assorted debris.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	14	Day:	Thursday	Date:	8/20/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		20 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	600 CY / 673.08 Tons	600 CY / 673.08 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		360 CY / 295.69 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt	200 CY / 213.14 Tons	640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		20 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris	200 CY	640 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	600 CY	600 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		2600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	14	**Day:**	Thursday	**Date:**	8/20/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Hydration

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:** **X**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	Silt Fence / CB Inlet Filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul non-recyclable concrete to Republic - Sauk Trail Hills Landfill.

16. Safety Hours:

Daily CTI plus Subcontractors:	40	**Hours**	**Number of On-site Workdays:**	14
Cumulative Safety Hours to Date:	623	**Hours**	**Calendar Days Since Start of Work:**	2

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/20/2015
SSHO and QC	**Date**
Tim Moore	8/20/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	15	**Day:**	Friday	**Date:**	8/21/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	10	mph
Temperature:	**Min**	53	**Max**	76	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	274	Operator
1	QC/Safety	CTI	10	134	QC/Safety
1	Environmental Eng.	CTI	1	20	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	21	644	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	109.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	0	12.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	2	12	8/18/2015	
John Deere 329E Skidsteer	CRC	2	18	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	105	8/7/2015	
Tool Trailer	CTI	10	142	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	142	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	142	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued loading previously stockpiled concrete from the westernmost concrete stockpile into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 15, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 600 cubic yards and 643.56 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of red brick and assorted debris.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	15	Day:	Friday	Date:	8/21/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		20 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	600 CY / 643.56 Tons	1200 CY / 1316.64 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		360 CY / 295.69 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		20 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		640 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	600 CY	1200 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		2600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	15	**Day:**	Friday	**Date:**	8/21/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Complacency

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	21	**Hours**	**Number of On-site Workdays:**	15
Cumulative Safety Hours to Date:	644	**Hours**	**Calendar Days Since Start of Work:**	19

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/21/2015
SSHO and QC	**Date**
Tim Moore	8/21/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	16	Day:	Monday	Date:	8/24/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	20	mph
Temperature:	**Min**	51	**Max**	74	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	294	Operator
1	QC/Safety	CTI	10	144	QC/Safety
0	Environmental Eng.	CTI	0	20	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	30	674	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	119.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	22.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	12	8/18/2015	
John Deere 329E Skidsteer	CRC	0	18	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	115	8/7/2015	
Tool Trailer	CTI	10	152	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	152	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	152	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued loading previously stockpiled concrete from the westernmost concrete stockpile into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 11, 40-cubic yard haul truck loads of broken concrete were delivered for an estimated daily total of 440 cubic yards and 434.81 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of red brick and assorted debris.

US Ecology delivered two 20-cubic yard open top roll off boxes for disposal of chromium hazardous waste concrete. Roll off boxes were installed with plastic liners by the drivers. US Ecology also picked up two roll off boxes previously loaded with hexavalent chromium hazardous waste concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant. The roll offs were loaded with an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris each, due to weight restrictions.

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations in the east quarter of the site and west of the hazardous concrete area with two John Deere 350G excavators. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil and soil stockpiles as needed to access buried concrete.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	16	Day:	Monday	Date:	8/24/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium	20 CY	40 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	440 CY / 434.81 Tons	1640 CY / 1737.60 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		360 CY / 295.69 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium	20 CY	40 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		640 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	440 CY	1640 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		2600 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	16	**Day:**	Monday	**Date:**	8/24/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Getting Enough Sleep

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

CTI placed a call to DTE Gas Distribution regarding the decommissioning of the existing dead plastic gas line on the east side of the property. DTE representatives visited the site, observed the line, and informed CTI that the line had been cut from the main and could be removed from the ground. A representative from Marine Pollution Control visited the site to assist in providing CTI a quote to remove and dispose of the existing pit water.

15. Planned Activities: (List anticipated field activities for next day of work).

Haul non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	16
Cumulative Safety Hours to Date:	674	**Hours**	**Calendar Days Since Start of Work:**	22

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/24/2015
SSHO and QC	**Date**
Tim Moore	8/24/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	17	**Day:**	Tuesday	**Date:**	8/25/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	14	mph
Temperature:	**Min**	51	**Max**	68	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	11.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	314	Operator
1	QC/Safety	CTI	10	154	QC/Safety
1	Environmental Eng.	CTI	1.5	21.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	31.5	705.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	129.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	32.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	12	8/18/2015	
John Deere 329E Skidsteer	CRC	0	18	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	125	8/7/2015	
Tool Trailer	CTI	10	162	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	162	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	162	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed loading previously stockpiled concrete from the westernmost concrete stockpile into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 10, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 400 cubic yards and 400.84 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of red brick and assorted debris. Stockpiled brush was mixed with all of today's loads to Sauk Trail Hills Landfill. The small amount of brush remaining after exhausting the westernmost concrete stockpile was added to a pile of previously stockpiled concrete scheduled for disposal at Sauk Trail Hills.

CTI then began loading excavated in-place concrete foundations, slabs, and walls from stockpiles adjacent to the asphalt access road into 40-cubic yard haul trucks for transportation to Stoneco Ann Arbor Recycling Pit. 9, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 360 cubic yards and 316.17 tons.

CTI loaded an estimated total of 20 cubic yards of hexavalent chromium hazardous waste concrete debris into two US Ecology roll off dumpsters. Loading was limited to 10 cubic yards per roll off at the advisement of the delivery truck driver due to weight restrictions. CTI performed dry decontamination of the John Deere 350G excavator prior to leaving the area. Roll off boxes had previously been installed with plastic liners by the driver. Roll offs were tarped until pick up. Additional roll offs will be required to complete hexavalent chromium hazardous concrete debris.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	17	Day:	Tuesday	Date:	8/25/2015

CTI continued demolishing and excavating in-place concrete slabs, walls, and foundations in the east quarter of the site and west of the hazardous concrete area with two John Deere 350G excavators. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil and soil stockpiles as needed to access buried concrete. During excavation at the east side of the site, CTI uncovered an existing dead 4" metal utility pipe, assumed to be a gas line, running parallel with the existing dead 1.5" plastic gas line. CTI excavated the two pipes east to the east border of the site and discovered a 4" valve. CTI used a chop saw to cut the 1.5" line and 4" line west of the valve. CTI contacted DTE Gas Distribution to request direction on the valve, and is awaiting a response. CTI left the excavation open for DTE access, if required.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		40 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	400 CY / 400.84 Tons	2040 CY / 2138.44 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	360 CY / 316.17 Tons	720 CY / 611.86 Tons	Stoneco - Ann Arbor Recycling #81-098
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		40 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		640 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	400 CY	2040 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	360 CY	2960 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:		17	**Day:**	Tuesday	**Date:** 8/25/2015
Asphalt Debris		600 CY		Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	17	**Day:**	Tuesday	**Date:**	8/25/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

The Right Boots for the Job

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	31.5	**Hours**	**Number of On-site Workdays:**	17
Cumulative Safety Hours to Date:	705.5	**Hours**	**Calendar Days Since Start of Work:**	23

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/25/2015
SSHO and QC	**Date**
Tim Moore	8/25/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	18	**Day:**	Wednesday	**Date:**	8/26/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	OC	**PM**	OC	**Wind:**	10	mph
Temperature:	**Min**	52	**Max**	71	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	1	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	334	Operator
1	QC/Safety	CTI	10	164	QC/Safety
0	Environmental Eng.	CTI	0	21.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	30	735.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	8	137.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	41.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	13	8/18/2015	
John Deere 329E Skidsteer	CRC	2	20	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	135	8/7/2015	
Tool Trailer	CTI	10	172	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	172	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	172	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Prior to loading haul trucks, CTI performed rough grading with the John Deere 700k dozer and John Deere 329E skidsteer around the project site to create haul routes for access to stockpiles on the east side and central areas of the site.

CTI loaded previously stockpiled concrete from the center of the site, south of the hexavalent chromium area into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 13, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 520 cubic yards and an estimated 574.11 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining and assorted debris.

On 8/25, CTI loaded excavated in-place concrete and clay utilities from various stockpiles on the west side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill. On 8/26/15 these 2, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 80 cubic yards and 86.86 tons. Concrete from these stockpiles was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of black staining and assorted debris.

CTI loaded demolished in-place asphalt pavement from the southeast corner of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 3, 40-cubic yard haul truck loads of broken asphalt were delivered for a daily total of 120 cubic yards and 116.28 tons. Asphalt from this stockpile was not suitable for recycling at Cadillac-Rawsonville due to excessive soil and debris content.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	18	Day:	Wednesday	Date:	8/26/2015

US Ecology delivered one 20-cubic yard open top roll off box for disposal of chromium hazardous waste concrete. Roll off boxes were installed with plastic liners by the drivers. US Ecology also picked up one roll off box previously loaded with hexavalent chromium hazardous waste concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant. The roll off was loaded with an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris each, due to weight restrictions.

CTI demolished previously excavated in-place concrete slabs, walls, and foundations across the project site with hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down to roughly 3'x3'x3' size, as requested by Stoneco.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium	10 CY	50 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	520 CY / 574.11 Tons	2560 CY / 2712.55 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		720 CY / 611.86 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	80 CY / 86.86 Tons	80 CY / 86.86 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt	120 CY / 116.28 Tons	120 CY / 116.28 Tons	Republic - Sauk Trail Hills Landfill

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium	10 CY	50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris	120 CY	760 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	600 CY	2640 CY	Farmer-Under	Republic - Sauk Trail Hills

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	18	Day:	Wednesday	Date:	8/26/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		2960 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Flammable Liquids

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul Recyclable concrete to Stoneco Ann Arbor and non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	18
Cumulative Safety Hours to Date:	735.5	**Hours**	**Calendar Days Since Start of Work:**	24

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 8/26/2015

SSHO and QC — **Date**

Tim Moore — 8/26/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	19	**Day:**	Thursday	**Date:**	8/27/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	OC	**PM**	OC	**Wind:**	10 mph
Temperature:		**Min**	53	**Max**	73	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	354	Operator
1	QC/Safety	CTI	10	174	QC/Safety
0	Environmental Eng.	CTI	0	21.5	Environmental Sampling/Site Walk
0	Jet/TV Crew	Youngs Environmental	0	12	Jet/TV Sanitary (8/5/15)
		Total Hours	30	765.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	7	144.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	51.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	3	16	8/18/2015	
John Deere 329E Skidsteer	CRC	0	20	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	145	8/7/2015	
Tool Trailer	CTI	10	182	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	182	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	182	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded demolished in-place asphalt pavement from the southeast corner of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 1, 40-cubic yard haul truck load of broken asphalt was delivered for a daily total of 40 cubic yards and an estimated 41.32 tons. Asphalt from this stockpile was not suitable for recycling at Cadillac-Rawsonville due to excessive soil and debris content.

CTI loaded excavated in-place concrete foundations, slabs, and walls from various stockpiles across the site into 40-cubic yard haul trucks for transportation to Stoneco-Ann Arbor Recycling Pit for recycling. 15, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 600 cubic yards and 686.6 tons.

CTI loaded previously stockpiled concrete from the east edge of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 4, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 160 cubic yards and an estimated 193.86 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining and assorted debris.

CTI demolished previously excavated in-place concrete slabs, walls, and foundations across the project site with hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down to roughly 3'x3'x3' size, as requested by Stoneco. CTI also continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site and a John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil and soil stockpiles as needed to access buried concrete.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	19	Day:	Thursday	Date:	8/27/2015

CTI performed general site grading with a John Deere 700k dozer in areas where concrete stockpiles had been removed or in-place concrete had been excavated.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		50 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	160 CY / Est. 193.86 Tons	2720 CY / Est. 2921.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	600 CY / 686.6 Tons	1360 CY / 1368.11 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		80 CY / 86.86 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt	40 CY / 41.32 Tons	160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris	40 CY	800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	160 CY	2800 CY	Farmer-Under	Republic - Sauk Trail Hills

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	600 CY	3560 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	19	**Day:**	Thursday	**Date:**	8/27/2015

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Covering holes across construction sites

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul recyclable concrete to Stoneco Ann Arbor and non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	19
Cumulative Safety Hours to Date:	765.5	**Hours**	**Calendar Days Since Start of Work:**	25

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/27/2015
SSHO and QC	**Date**
Tim Moore	8/27/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	20	**Day:**	Friday	**Date:**	8/28/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	OC	**PM**	OC	**Wind:**	7 mph
Temperature:		**Min**	PC	**Max**	PC	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	24	378	Operator
1	QC/Safety	CTI	12.75	186.75	QC/Safety
1	Environmental Eng.	CTI	3.75	25.25	Environmental Sampling/Site Walk
2	Jet/TV Crew/Pumping Crew	Youngs Environmental	12.5	24.5	Pump Non-Hazardous Site Water
		Total Hours	53	818.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	9	153.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	12	63.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	17	8/18/2015	
John Deere 329E Skidsteer	CRC	2	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	155	8/7/2015	
Tool Trailer	CTI	10	192	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	192	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	192	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental	7	7	8/28/2015	8/28/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded previously stockpiled concrete from the east edge of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 4, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 160 cubic yards and an estimated 193.86 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining and assorted debris.

CTI loaded an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris into one US Ecology roll off dumpster. Loading was limited to 10 cubic yards per roll off due to weight restrictions. CTI performed dry decontamination of the John Deere 350G excavator prior to leaving the area. Roll off boxes had previously been installed with plastic liners by the driver. Roll offs were tarped until pick up. As of today's date all hexavalent chromium impacted concrete has been removed from the project site, or loaded onto roll offs for future removal.

CTI demolished previously excavated in-place concrete slabs, walls, and foundations across the project site with hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down to roughly 3'x3'x3' size, as requested by Stoneco. CTI also continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site with a John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil and soil stockpiles as needed to access buried concrete.

CTI performed general site grading with a John Deere 700k dozer in areas where concrete stockpiles had been removed or in-place concrete had been excavated.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	20	Day:	Friday	Date:	8/28/2015

Young's Environmental Cleanup, Inc. pumped 17,757 gallons of non-hazardous water from 8 pits throughout the project site. Water was pumped with a 9,000 gallon vacuum truck, and transported to Advanced Resource Recovery - Inkster for disposal. Analytical testing showing non-hazardous materials was previously performed on samples of the water collected by CTI environmental group. Additional water removal will be required next week.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		50 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	520 CY / Est. 572.41 Tons	3240 CY / Est. 3494.78 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1360 CY / 1368.11 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		80 CY / 86.86 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous	17,757 Gallons	17,757 Gallons	Advanced Resource Recovery - Inkster

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	520 CY	3320 CY	Farmer-Under	Republic - Sauk Trail Hills

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	20	Day:	Friday	Date:	8/28/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		3560 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Slips, Trips, and Falls

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul recyclable concrete to Stoneco Ann Arbor and non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	53	**Hours**	**Number of On-site Workdays:**	20
Cumulative Safety Hours to Date:	818.5	**Hours**	**Calendar Days Since Start of Work:**	26

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 8/28/2015

SSHO and QC — **Date**

Tim Moore — 8/28/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	21	**Day:**	Monday	**Date:**	8/31/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	13 mph
Temperature:		**Min**	66	**Max**	88	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	398	Operator
1	QC/Safety	CTI	10	196.75	QC/Safety
0	Environmental Eng.	CTI	0	25.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	24.5	Pump Non-Hazardous Site Water
		Total Hours	30	848.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	8	161.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	73.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	2	19	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	165	8/7/2015	
Tool Trailer	CTI	10	202	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	202	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	202	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		7	8/28/2015	8/28/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place concrete foundations, slabs, and walls from various stockpiles across site into 40-cubic yard haul trucks for transportation to Stoneco-Ann Arbor Recycling Pit for recycling. 5, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 200 cubic yards and 183.8 tons.

CTI loaded previously stockpiled concrete from the east edge of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 7, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 280 cubic yards and an estimated 311.22 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of red brick and assorted debris.

CTI loaded excavated in-place concrete foundations, slabs, and walls from various stockpiles across site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill. 6, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 240 cubic yards and 294.29 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining and assorted debris.

CTI demolished previously excavated in-place concrete slabs, walls, and foundations across the project site with hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down to roughly 3'x3'x3' size, as requested by Stoneco. CTI also continued demolishing and excavating in-place concrete slabs, walls, and foundations across the site and a John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil as needed to access buried concrete.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	21	Day:	Monday	Date:	8/31/2015

CTI performed general site grading with a John Deere 700k dozer in areas where concrete stockpiles had been removed or in-place concrete had been excavated.

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		50 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete	280 CY / 183.8 Tons	3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	200 CY / 183.8 Tons	1560 CY / 1551.91 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	240 CY / 294.29 Tons	320 CY / 381.15 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		17,757 Gallons	Advanced Resource Recovery - Inkster

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	520 CY	3840 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		17,757 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	21	Day:	Monday	Date:	8/31/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	200 CY	3760 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Eye Protection

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

DTE Gas Distribution visited the site, observed the two gas lines on the far east side of the property, tested the valve, and informed CTI that the line was dead and could be removed or buried. Due to its proximity to the site outer fence, CTI does not plan to remove any additional pipe heading east towards the road, but will just bury the cut lines as is.

15. Planned Activities: (List anticipated field activities for next day of work).

Haul recyclable concrete to Stoneco Ann Arbor and non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	21
Cumulative Safety Hours to Date:	848.5	**Hours**	**Calendar Days Since Start of Work:**	29

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	8/31/2015
SSHO and QC	**Date**
Tim Moore	8/31/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	22	**Day:**	Tuesday	**Date:**	9/1/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	7 mph
Temperature:		**Min**	57	**Max**	89	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	418	Operator
1	QC/Safety	CTI	10	206.75	QC/Safety
1	Environmental Eng.	CTI	1	26.25	Environmental Sampling/Site Walk
2	Jet/TV Crew/Pumping Crew	Youngs Environmental	8	32.5	Pump Non-Hazardous Site Water
		Total Hours	39	887.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	171.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	83.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	19	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	175	8/7/2015	
Tool Trailer	CTI	10	212	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	212	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	212	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental	4	11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place concrete foundations, slabs, and walls from various stockpiles in the east and center areas of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill. 16, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 640 cubic yards and 613.38 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining, non-hazardous analytical test results, and assorted debris.

Young's Environmental Cleanup, Inc. pumped 3,084 gallons of non-hazardous rainwater from the remaining pits across the project site. CTI cleared pits of CMU blocks and peastone backfill with a John Deere 350G excavator to aid in pumping activities, as needed. A total of 20,841 gallons of water were pumped from 15 pits. Water was pumped with a 9,000 gallon vacuum truck, and transported to Advanced Resource Recovery - Inkster for disposal. Analytical testing showing the water to be non-hazardous was previously performed on samples of the water collected by CTI environmental group.

CTI continued demolishing and excavating in-place concrete utilities, slabs, walls, and foundations across the site and a John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil as needed to access buried concrete.

During demolition and excavation of the existing concrete pit southeast of the PCB area at the northeast corner of the project, CTI discovered that the pit was actually the east end of what was assumed to be a concrete channel running west to the large pit southwest of the PCB area. After they were informed of the discovery, the CTI environmental group visited the site and collected a sample of concrete from the channel. As of today's date, approximately half of the suspected channel has been uncovered.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	22	Day:	Tuesday	Date:	9/1/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		50 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1560 CY / 1551.91 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	640 CY / 613.38 Tons	960 CY / 994.53 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous	3,084 Gallons	20,841 Gallons	Advanced Resource Recovery - Inkster

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	640 CY	4480 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water	3,084 Gallons	20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	22	Day:	Tuesday	Date:	9/1/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		3760 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Eye Protection - Part 2

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul recyclable concrete to Stoneco Ann Arbor and non-recyclable concrete to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	39	**Hours**	**Number of On-site Workdays:**	22
Cumulative Safety Hours to Date:	887.5	**Hours**	**Calendar Days Since Start of Work:**	30

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/1/2015

SSHO and QC — **Date**

Tim Moore — 9/1/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	23	**Day:**	Wednesday	**Date:**	9/2/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	16 mph
Temperature:		**Min**	63	**Max**	91	**Precipitation:**	Mid AM Rain - 0.01
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	438	Operator
1	QC/Safety	CTI	10	216.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	30	917.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	181.2	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	93.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	19	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	185	8/7/2015	
Tool Trailer	CTI	10	222	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	222	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	222	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place concrete foundations, slabs, and walls from various stockpiles across the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill. 8, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 320 cubic yards and 316.67 tons. Concrete from this stockpile was not suitable for recycling at Stoneco - Ann Arbor Recycling due to the presence of green staining, non-hazardous analytical test results, and assorted debris.

Site work was shut down due to heavy rain and lightning from 9 to 10 AM. After 10 AM, CTI began loading excavated in-place concrete foundations, slabs, and walls from stockpiles on the west side of the site into 40-cubic yard haul trucks for transportation to Stoneco-Ann Arbor Recycling Pit. 8, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 320 cubic yards and an estimated 296.33 tons.

CTI demolished existing in-place concrete pit slabs, walls, and foundations in the PCB special waste area with a hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down so that it could be excavated and stockpiled. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil as needed to access buried concrete.

US Ecology picked up two roll off boxes previously loaded with hexavalent chromium hazardous waste concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant. The roll off was loaded with an estimated 10 cubic yards of hexavalent chromium hazardous waste concrete debris each, due to weight restrictions. As of this date, no additional known hexavalent chromium impacted concrete remains on site.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	23	Day:	Wednesday	Date:	9/2/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium	20 CY	70 CY	US Ecology - MI Disposal Waste Treatment Plant
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	320 CY / Est. 296.33 Tons	1880 CY / 1848.24 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	320 CY / 316.67 Tons	1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		50 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	320 CY	4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	23	Day:	Wednesday	Date:	9/2/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	320 CY	4,080 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Lightning: Facts and Myths

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul PCB special waste to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	23
Cumulative Safety Hours to Date:	917.5	**Hours**	**Calendar Days Since Start of Work:**	31

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/2/2015

SSHO and QC — **Date**

Tim Moore — 9/2/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	24	**Day:**	Thursday	**Date:**	9/3/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	OC	**Wind:**	13 mph
Temperature:		**Min**	65	**Max**	86	**Precipitation:**	PM Rain - 0.46
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	458	Operator
1	QC/Safety	CTI	10	226.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	30	947.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	9.5	190.7	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	103.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0.5	19.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	195	8/7/2015	
Tool Trailer	CTI	10	232	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	232	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	232	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Due to yesterday's rain, CTI performed maintenance on the site haul road with a John Deere 700K dozer prior to loading haul trucks. CTI then loaded excavated in-place PCB special waste concrete pit foundations, slabs, and walls from the northeast corner of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill. 12, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 480 cubic yards and an estimated 540.67 tons.

CTI continued to demolish existing in-place concrete pit slabs, walls, and foundations in the PCB special waste area with a hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down so that it could be excavated and stockpiled by a second John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials. CTI relocated soil as needed to access buried concrete.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	24	Day:	Thursday	Date:	9/3/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		70 CY	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	480 CY / 540.67 Tons	480 CY / 540.67 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1880 CY / 1848.24 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete	480 CY	480 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	24	Day:	Thursday	Date:	9/3/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,080 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Heat Exhaustion

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul PCB special waste to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	24
Cumulative Safety Hours to Date:	947.5	**Hours**	**Calendar Days Since Start of Work:**	32

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/3/2015

SSHO and QC — **Date**

Tim Moore — 9/3/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	25	**Day:**	Friday	**Date:**	9/4/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	OC	**Wind:**	10 mph
Temperature:		**Min**	66	**Max**	85	**Precipitation:**	Early AM Rain - 0.12
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
2	Operators	CTI	20	478	Operator
1	QC/Safety	CTI	10	236.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	30	977.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	10	200.7	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	113.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	19.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	205	8/7/2015	
Tool Trailer	CTI	10	242	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	242	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	242	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Due to heavy rain yesterday evening and resulting wet site conditions, CTI cancelled the planned hauling of PCB special waste from the northeast corner of the site. After cancelling today's trucking, several trucks arrived on the project site. CTI loaded excavated in-place broken concrete foundations, slabs, and walls from the west side of the site into 40-cubic yard haul trucks for transportation to Stoneco-Ann Arbor Recycling Pit for recycling. 1, 40-cubic yard haul truck load of broken concrete was delivered for a daily total of 40 cubic yards and an estimated 40 tons. During the afternoon CTI scraped wet soils off of the haul road with the JD 700K dozer to prepare for afternoon hauling; however, only one truck was available. CTI loaded excavated in-place PCB impacted broken concrete pits from the northeast side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 1, 40-cubic yard haul truck load of broken concrete was delivered for a daily total of 40 cubic yards and an estimated 44 tons. GLR Recycling picked up 1, 30-cubic yard dumpster of scrap metal salvaged from the project site.

CTI continued to demolish existing in-place concrete pit slabs, walls, and foundations in the PCB special waste area with a hydraulic hammer attached to a John Deere 350G excavator. Concrete was broken down so that it could be excavated and stockpiled by a second John Deere 350G excavator. Excavated broken concrete was placed in stockpiles adjacent to their removal areas, but kept separate from previously stockpiled materials.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	25	Day:	Friday	Date:	9/4/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		70 CY	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	40 CY / Est. 44 Tons	520 CY / 573.96 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	40 CY / Est. 40 Tons	1920 CY / 1886.41 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal	30 CY	30 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		480 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	25	**Day:**	Friday	**Date:**	9/4/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	40 CY	4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal	30 CY	30 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Blood borne pathogens and helping the injured

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:** X

Inspections Conducted:

Straw Waddles		Straw Bales		Other	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul PCB special waste to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	30	**Hours**	**Number of On-site Workdays:**	25
Cumulative Safety Hours to Date:	977.5	**Hours**	**Calendar Days Since Start of Work:**	33

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/4/2015

SSHO and QC — **Date**

Tim Moore — 9/4/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	26	**Day:**	Tuesday	**Date:**	9/8/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	15	mph
Temperature:	**Min**	66	**Max**	88	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	488	Operator
1	QC/Safety	CTI	10	246.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	20	997.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	0	200.7	7/31/2015	
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	123.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	19.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	215	8/7/2015	
Tool Trailer	CTI	10	252	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	252	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	252	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place PCB impacted broken concrete pits from the northeast side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 17, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 680 cubic yards and an estimated 797.51 tons.

During downtime between loading haul trucks, CTI continued to demolish and excavate the existing in-place concrete channel in the PCB special waste area with the John Deere 350G excavator. When possible, excavated broken concrete was direct loaded into haul trucks, otherwise it was added to the existing excavated in-place PCB stockpile for disposal.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	26	Day:	Tuesday	Date:	9/8/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		70 CY	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	680 CY / Est. 797.51 Tons	1200 CY / Est. 1368.77 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1920 CY / 1890.44 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		30 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete	680 CY	1200 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	26	Day:	Tuesday	Date:	9/8/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		30 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Vehicle Fire Prevention

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

As a result of analytical testing, CTI environmental group instructed CTI construction to treat the concrete channel running east-west at the northeast corner of the site as PCB special waste.

15. Planned Activities: (List anticipated field activities for next day of work).

Haul PCB special waste to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	26
Cumulative Safety Hours to Date:	997.5	**Hours**	**Calendar Days Since Start of Work:**	37

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/8/2015

SSHO and QC — **Date**

Tim Moore — 9/8/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	27	**Day:**	Wednesday	**Date:**	9/9/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	12	mph
Temperature:	**Min**	61	**Max**	79	**Precipitation:**	0.02	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	498	Operator
1	QC/Safety	CTI	10	256.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	20	1017.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC	0	200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	132.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	20.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0.5	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	225	8/7/2015	
Tool Trailer	CTI	10	262	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	262	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	262	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place PCB impacted broken concrete pits from the northeast side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 19, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 760 cubic yards and an estimated 842.97 tons.

During downtime between loading haul trucks, CTI continued to demolish and excavate the existing in-place concrete channel in the PCB special waste area and foundations, walls, and slabs west of the PCB special waste area with the John Deere 350G excavator. Broken concrete too large for loading was set aside for future demolition with a hydraulic hammer. CTI also continued placing a ramp of existing site soils along the north retaining wall with the excavator and compacting it with the John Deere 700K dozer.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	27	Day:	Wednesday	Date:	9/9/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		70 CY	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	760 CY / Est. 842.97 Tons	1200 CY / Est. 2219.7 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1920 CY / 1890.44 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		30 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete	760 CY	1960 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	27	Day:	Wednesday	Date:	9/9/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		30 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

You Don't Have to Fall Out of Your Vehicle: 3-Point Contact

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul PCB special waste to Republic - Sauk Trail Hills Landfill. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	27
Cumulative Safety Hours to Date:	1017.5	**Hours**	**Calendar Days Since Start of Work:**	38

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/9/2015

SSHO and QC — **Date**

Tim Moore — 9/9/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	28	**Day:**	Thursday	**Date:**	9/10/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	12	mph
Temperature:	**Min**	56	**Max**	78	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	508	Operator
1	QC/Safety	CTI	10	266.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	20	1037.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	141.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	21.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	235	8/7/2015	
Tool Trailer	CTI	10	272	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	272	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	272	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place PCB impacted broken concrete pits from the northeast side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 15, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 560 cubic yards and an estimated 643.86 tons.

CTI began loading previously stockpiled PCB impacted crushed concrete and brick from the northwest side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 2, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 80 cubic yards and an estimated 80.00 tons.

GLR Recycling picked up 1, 30-cubic yard dumpster of scrap metal salvaged from the project site and dropped off an empty 30-cubic yard roll off dumpster.

During downtime between loading haul trucks, CTI completed demolition and excavation of the existing in-place concrete foundations, walls, and slabs west of the PCB special waste area with the John Deere 350G excavator. Broken concrete too large for loading was set aside for future demolition with a hydraulic hammer. The John Deere 700K dozer was used to assist in backfilling the excavation and follow up grading.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	28	Day:	Thursday	Date:	9/10/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		70 CY	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	560 CY / 643.86 Tons	2520 CY / 2866.15 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.	80 CY / Est. 80 Tons	80 CY / Est. 80 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1920 CY / 1890.44 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1280 CY / 1308.27 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal	30 CY	60 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		4,800 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete	640 CY	2600 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	28	Day:	Thursday	Date:	9/10/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal	30 CY	60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Bad Habits

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Complete hauling PCB special waste to Republic - Sauk Trail Hills Landfill. Haul concrete debris to Sauk Trail Hills.- Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	28
Cumulative Safety Hours to Date:	1037.5	**Hours**	**Calendar Days Since Start of Work:**	39

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/10/2015

SSHO and QC — **Date**

Tim Moore — 9/10/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	29	**Day:**	Friday	**Date:**	9/11/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	MC	**PM**	MC	**Wind:**	10 mph
Temperature:		**Min**	54	**Max**	66	**Precipitation:**	PM Rain - 0.12"
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	518	Operator
1	QC/Safety	CTI	10	276.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	20	1057.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	150.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	22.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	245	8/7/2015	
Tool Trailer	CTI	10	282	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	282	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	282	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed loading excavated in-place PCB impacted broken concrete pits from the northeast side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 2, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 80 cubic yards and 66.22 tons.

CTI completed loading previously stockpiled PCB impacted crushed concrete and brick from the northwest side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 2, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 80 cubic yards and 72.63 tons.

After removal of PCB impacted materials, CTI then began loading the remaining in-place crushed concrete and brick spread around the northwest side of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 13, 40-cubic yard haul truck loads of broken concrete and brick were delivered for a daily total of 520 cubic yards and an estimated 491.99 tons.

During downtime between loading haul trucks, CTI excavated the approximate 1' thick layer of existing crushed concrete and brick at the northwest corner of the site and placed it in stockpiles for loading onto haul trucks and demolished and excavated existing concrete foundations in that area.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	29	Day:	Friday	Date:	9/11/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete	80 CY / 66.22 Tons	2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.	80 CY / 72.63 Tons	160 CY / 142.1 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1920 CY / 1890.44 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	520 CY / Est. 491.99 Tons	1800 CY / Est. 1800.26 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		60 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	520 CY	5,320 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete	160 CY	2760 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	29	**Day:**	Friday	**Date:**	9/11/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Machine Safety - Before Operations

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul concrete debris to Sauk Trail Hills. - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	29
Cumulative Safety Hours to Date:	1057.5	**Hours**	**Calendar Days Since Start of Work:**	40

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/11/2015
SSHO and QC	**Date**
Tim Moore	9/11/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	30	**Day:**	Monday	**Date:**	9/14/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	CL	**PM**	CL	**Wind:**	14 mph
Temperature:		**Min**	37	**Max**	78	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	12.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	528	Operator
1	QC/Safety	CTI	10	286.75	QC/Safety
0	Environmental Eng.	CTI	0	26.25	Environmental Sampling/Site Walk
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	32.5	Pump Non-Hazardous Site Water
		Total Hours	20	1077.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	159.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	23.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	255	8/7/2015	
Tool Trailer	CTI	10	292	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	292	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	292	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon	Youngs Environmental		11	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place broken concrete walls, slabs, and foundations, from the northeast and center areas of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 14, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 560 cubic yards and 545.99 tons. This concrete was not suitable for recycling due to the discoloration and large amounts of red brick, soil, and other debris.

During downtime between loading haul trucks, CTI performed general site grading with the John Deere 700K dozer and demolished and excavated existing in-place concrete foundations across the site.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	30	Day:	Monday	Date:	9/14/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		1920 CY / 1890.44 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	560 CY / 545.99 Tons	2360 CY / 2332.33 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		60 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	560 CY	5,880 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2760 CY	Farmer-Under	Republic - Sauk Trail Hills
On Site Pit Water		20,841 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	30	**Day:**	Monday	**Date:**	9/14/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		4,120 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Common Safety Mistakes

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul concrete debris to Stoneco Ann Arbor - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	30
Cumulative Safety Hours to Date:	1077.5	**Hours**	**Calendar Days Since Start of Work:**	43

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/14/2015
SSHO and QC	**Date**
Tim Moore	9/14/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	31	**Day:**	Tuesday	**Date:**	9/15/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10	mph
Temperature:	**Min**	54	**Max**	82	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
1	Project Manager	CTI	2	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	538	Operator
1	QC/Safety	CTI	10	296.75	QC/Safety
1	Environmental Eng.	CTI	3	29.25	Well Pumping Observation
3	Jet/TV Crew/Pumping Crew	Youngs Environmental	6.75	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	29.75	1107.25	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	169.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	23.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	265	8/7/2015	
Tool Trailer	CTI	10	302	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	302	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	302	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental	2.75	13.75	9/2/2015	9/2/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI loaded excavated in-place broken concrete walls, slabs, and foundations, from the east and center areas of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 6, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 240 cubic yards and 210.01 tons. This concrete was not suitable for recycling due to the discoloration and large amounts of red brick, soil, and other debris.

CTI then began excavating in-place broken concrete slab and foundations from the northwest area of the site and loaded them into 40-cubic yard haul trucks for transportation to Stoneco - Ann Arbor Recycling for recycling. 13, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 520 cubic yards and 497.86 tons.

Young's Environmental Cleanup, Inc. pumped 1,278 gallons of non-hazardous water from the existing well/cistern on the east side of the site. Water was pumped with a turbo vacuum tanker truck and transported to Advanced Resource Recovery - Inkster for disposal.

GLR Recycling picked up 1, 30-cubic yard dumpster of scrap metal salvaged from the project site and dropped off an empty 30-cubic yard roll off dumpster.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	31	Day:	Tuesday	Date:	9/15/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	520 CY / Est. 497.86 Tons	2440 CY / Est. 2388.3 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	240 CY / 210.01 Tons	2600 CY / 2542.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal	30 CY	90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	240 CY	6,120 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water	1,278 Gallons	22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	31	Day:	Tuesday	Date:	9/15/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	520 CY	4,640 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Office Safety

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Haul concrete debris to Stoneco Ann Arbor - Excavate and remove in-place concrete.

16. Safety Hours:

Daily CTI plus Subcontractors:	29.75	**Hours**	**Number of On-site Workdays:**	31
Cumulative Safety Hours to Date:	1107.25	**Hours**	**Calendar Days Since Start of Work:**	44

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/15/2015

SSHO and QC — **Date**

Tim Moore — 9/15/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	32	**Day:**	Wednesday	**Date:**	9/16/2015

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:	**AM**	PC	**PM**	PC	**Wind:**	10	mph
Temperature:	**Min**	44	**Max**	81	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	548	Operator
1	QC/Safety	CTI	10	306.75	QC/Safety
0	Environmental Eng.	CTI	0	29.25	Well Pumping Observation
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	20	1127.25	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	10	179.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	0	23.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	275	8/7/2015	
Tool Trailer	CTI	10	312	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	312	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	312	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued excavating in-place broken concrete slab and foundations from the northwest area of the site and loaded them into 40-cubic yard haul trucks for transportation to Stoneco - Ann Arbor Recycling for recycling. 16, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 640 cubic yards and an estimated 714.14 tons.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	32	Day:	Wednesday	Date:	9/16/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	640 CY / Est. 714.14 Tons	3080 CY / Est. 3124.94 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2600 CY / 2542.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,120 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	32	Day:	Wednesday	Date:	9/16/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	640 CY	5,280 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Head Protection

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavating and removing in-place concrete foundations and utilities.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	32
Cumulative Safety Hours to Date:	1127.25	**Hours**	**Calendar Days Since Start of Work:**	45

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/16/2015

SSHO and QC — **Date**

Tim Moore — 9/16/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	33	**Day:**	Thursday	**Date:**	9/17/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	12	mph
Temperature:	**Min**	46	**Max**	84	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	558	Operator
1	QC/Safety	CTI	10	316.75	QC/Safety
0	Environmental Eng.	CTI	0	29.25	Well Pumping Observation
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	20	1147.25	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	188.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	24.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	285	8/7/2015	
Tool Trailer	CTI	10	322	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	322	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	322	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed excavating in-place broken concrete slab and foundations from the northwest area of the site with a John Deere 350G excavator. Concrete was stockpiled for future load out. Broken concrete too large for transportation and recycling was stockpiled separately for future break down with a hydraulic hammer. CTI then began removing existing concrete storm sewer pipe and manhole structures along the north side of the site. Two sections of pipe were left in place due to proximity to a large tree. Pipe removal was suspended due to proximity to the telephone pole on the northeast side of the site and the north retaining wall. The remaining pipe inlet will be blocked with a bulkhead on a future date. A John Deere 700K dozer was used to backfill the pipe removal excavation. CTI then removed a section of existing concrete foundation wall and pavement, including the southernmost bollard, at the far northeast corner of the site. The existing vertical pipe at this location was investigated for future removal. CTI believes the existing utility is a dead gas line, but called DTE for consultation. CTI is awaiting a response from DTE.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	33	Day:	Thursday	Date:	9/17/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3080 CY / Est. 3124.94 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2600 CY / 2542.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,120 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	33	Day:	Thursday	Date:	9/17/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,280 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Head Protection and Fatigue Avoidance

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavating and removing in-place concrete foundations and utilities and demolishing excavated concrete with a hydraulic hammer.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	33
Cumulative Safety Hours to Date:	1147.25	**Hours**	**Calendar Days Since Start of Work:**	46

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/17/2015
SSHO and QC	**Date**
Tim Moore	9/17/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	34	**Day:**	Friday	**Date:**	9/18/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	OC	**PM**	OC	**Wind:**	10 mph
Temperature:		**Min**	55	**Max**	79	**Precipitation:**	.56"
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	568	Operator
1	QC/Safety	CTI	6	322.75	QC/Safety
2	Environmental Eng.	CTI	8.5	37.75	Investigation of 55 Gallon Drums - Safety Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	24.5	1171.75	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	9	197.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	25.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	22.5	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	295	8/7/2015	
Tool Trailer	CTI	10	332	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	332	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	332	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed removing existing concrete and corrugated metal storm sewer pipe with a John Deere 350G excavator at the northwest side of the site and stockpiled them for future disposal. CTI then installed a brick and mortar bulkhead in the westernmost section of the existing concrete storm sewer that was not removed along the north side of the site. The storm sewer removal excavation was then backfilled with a John Deere 700K dozer.

CTI used a hydraulic hammer mounted onto the John Deere 350G excavator to break up any remaining concrete too large for loading onto a haul truck. This concrete will be hauled off for disposal next week.

CTI environmental group used a PID to investigate the contents of the eight 55-gallon drums currently stored near the site entrance gate. The drums consisted of 4 solid waste drums marked "non-hazardous waste" and 4 liquid waste drums. Only 1 of the 4 liquid waste drums contained liquid, the remaining 3 were empty. Drums were opened and scanned by the PID. One drum had traces of petroleum. CTI environmental will perform further analysis on a later date.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	34	Day:	Friday	Date:	9/18/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3080 CY / Est. 3124.94 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2600 CY / 2542.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,120 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	34	Day:	Friday	Date:	9/18/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,280 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Diesel Fuel Safety

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue excavating and removing in-place concrete foundations and utilities. Cover well. Begin site grading.

16. Safety Hours:

Daily CTI plus Subcontractors:	24.5	**Hours**	**Number of On-site Workdays:**	34
Cumulative Safety Hours to Date:	1171.75	**Hours**	**Calendar Days Since Start of Work:**	47

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/18/2015

SSHO and QC — **Date**

Tim Moore — 9/18/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	35	**Day:**	Monday	**Date:**	9/21/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	7	mph
Temperature:	**Min**	42	**Max**	73	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	578	Operator
1	QC/Safety	CTI	10	332.75	QC/Safety
0	Environmental Eng.	CTI	0	37.75	Investigation of 55 Gallon Drums - Safety Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	20	1191.75	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	3	200.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	7	32.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0.5	23	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	305	8/7/2015	
Tool Trailer	CTI	10	342	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	342	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	342	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI began rough grading the eastern section of the site with the John Deere 700K dozer. CTI is still waiting for a response from DTE on the status of the existing gas line at the northeast corner of the site. Pipe removal and grading will commence after DTE approval. While grading CTI found additional concrete foundations in several areas. Concrete foundations were removed and stockpiled for disposal with a John Deere 350G excavator as they were encountered. Grading operations will continue tomorrow.

CTI used the John Deere 350G excavator to excavate around the top of the existing well/cistern on the east side of the site and remove several layers of brick to create a level surface for plywood placement. CTI then covered the existing well opening with a layer of 6-mil plastic sheeting. Plastic sheeting was covered by two overlapping pieces of 3/4" thick, 4'x8' treated plywood and a second layer of 6-mil plastic sheeting. The top layer of plastic was then covered with a mound of existing site soils. Caution tape was set around the perimeter of the well mound on T-posts to prohibit vehicle and equipment traffic.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	35	Day:	Monday	Date:	9/21/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3080 CY / Est. 3124.94 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2600 CY / 2542.34 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,120 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	35	**Day:**	Monday	**Date:**	9/21/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,280 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Hazard Assessments

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:** X

Inspections Conducted:

Straw Waddles		Straw Bales		Other	Silt Fence and CB Inlets

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue site grading. Haul majority of remaining debris off site.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	35
Cumulative Safety Hours to Date:	1191.75	**Hours**	**Calendar Days Since Start of Work:**	50

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/21/2015
SSHO and QC	**Date**
Tim Moore	9/21/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	36	**Day:**	Tuesday	**Date:**	9/22/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	5	mph
Temperature:	**Min**	42	**Max**	77	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	588	Operator
1	QC/Safety	CTI	10	342.75	QC/Safety
0	Environmental Eng.	CTI	0	37.75	Investigation of 55 Gallon Drums - Safety Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	20	1211.75	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	4	204.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	6	38.5	8/18/2015	
John Deere 329E Skidsteer	CRC	1	24	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	315	8/7/2015	
Tool Trailer	CTI	10	352	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	352	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	352	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

After approval from City of Saline Superintendant/Engineer Gary Roubal, CTI transported the historical bricks stored on pallets near the site entrance gate with the John Deere 329E skidsteer to the concrete debris stockpiles at the northwest area of the site for disposal.

CTI loaded excavated in-place broken concrete walls, slabs, and foundations, stockpiled at the northwest area of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 4, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 160 cubic yards and 150.44 tons. This concrete was not suitable for recycling due to the discoloration and large amounts of red brick, soil, and other debris.

CTI loaded excavated in-place broken concrete walls, slabs, and foundations, stockpiled at the northwest area of the site into 40-cubic yard haul trucks for transportation to Stoneco - Ann Arbor Recycling for recycling. 4, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 160 cubic yards and an estimated 160.11 tons.

CTI continued rough grading the eastern and center sections of the site with the John Deere 700K dozer. In preparation for future raising, CTI removed the concrete collar and caps and excavated around the existing water and gas monitoring wells at the northeast corner of the site with a John Deere 350G excavator. Grading operations will continue tomorrow.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	36	Day:	Tuesday	Date:	9/22/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	160 CY / Est. 160.11 Tons	3240 CY / Est. 3234.36 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	160 CY / 150.44 Tons	2760 CY / 2692.78 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		90 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	160 CY	6,280 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	36	Day:	Tuesday	Date:	9/22/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris	160 CY	5,440 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		60 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Ergonomics

Were all activities conducted in accordance with HASP?	YES	X	NO	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	YES	X	NO	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue site grading. Raise monitoring wells as needed.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	36
Cumulative Safety Hours to Date:	1211.75	**Hours**	**Calendar Days Since Start of Work:**	51

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/22/2015
SSHO and QC	**Date**
Tim Moore	9/22/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	37	Day:	Wednesday	Date:	9/23/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	8	mph
Temperature:	**Min**	43	**Max**	78	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	598	Operator
1	QC/Safety	CTI	10	352.75	QC/Safety
1	Environmental Eng.	CTI	1	38.75	Investigation of 55 Gallon Drums - Safety Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	21	1232.75	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	0	204.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	10	48.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	24	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	325	8/7/2015	
Tool Trailer	CTI	10	362	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	362	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	362	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued rough grading the center and western sections of the site with the John Deere 700K dozer. CTI raised the existing gas and water monitoring wells at the northeast corner of the site with new 5' sections of schedule 40 PVC pipe and repair couplers. Pipes will be cut down to required elevation after grading has been completed.

GLR Recycling picked up 1, 30-cubic yard dumpster of scrap metal salvaged from the project site.

CTI received confirmation from DTE that the existing 4" metal gas line at the northeast corner of the site had previously been disconnected from the main. CTI opened the valve to allow any residual gas to vent overnight. The pipe will be cut and capped tomorrow.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	37	Day:	Wednesday	Date:	9/23/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / Est. 3234.36 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2760 CY / 2692.78 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal	30 CY	120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,280 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	37	Day:	Wednesday	Date:	9/23/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,440 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal	30 CY	120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Ergonomics

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue site grading. Remove existing gas pipe and bollard at northeast corner.

16. Safety Hours:

Daily CTI plus Subcontractors:	21	**Hours**	**Number of On-site Workdays:**	37
Cumulative Safety Hours to Date:	1232.75	**Hours**	**Calendar Days Since Start of Work:**	52

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/23/2015

SSHO and QC — **Date**

Tim Moore — 9/23/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	38	**Day:**	Thursday	**Date:**	9/24/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	10	mph
Temperature:	**Min**	53	**Max**	79	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	608	Operator
1	QC/Safety	CTI	10	362.75	QC/Safety
0	Environmental Eng.	CTI	0	38.75	Investigation of 55 Gallon Drums - Safety Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	39.25	Pump Non-Hazardous Site Water From Well
		Total Hours	20	1252.75	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	7	211.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	3	51.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	24	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	335	8/7/2015	
Tool Trailer	CTI	10	372	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	372	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	372	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		4	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued rough grading the center and western sections of the site with the John Deere 700K dozer. After allowing any residual gas to vent overnight, CTI cut off the existing 4" metal gas line below grade at the northeast corner of the site. A 4" flexible PVC pipe cap and stainless steel band were used to cap the pipe opening.

After unsuccessfully attempting to cut off the existing concrete-filled steel bollard below grade with a torch and chop saw at the northeast corner of the site, CTI removed the bollard and bollard foundation with a John Deere 350G excavator. Removal of the bollard foundation caused the adjacent existing pavement square outside of the perimeter fence to heave and break in half. A perimeter fence post had been bolted to this pavement section. CTI removed the broken concrete pavement, backfilled the foundation excavation, and reattached the perimeter fence, leaving the post on the backfill soil. Fence relocation will be performed on a later date. CTI then filled the northeast corner of the site with existing soil excavated and relocated from the western slope of the raised eastern quarter of the site with the JD excavator. Grading will continue tomorrow.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	38	Day:	Thursday	Date:	9/24/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / Est. 3234.36 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2760 CY / 2692.78 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,280 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	38	Day:	Thursday	Date:	9/24/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,440 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Dangers of Cell Phone Use

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular:	Pre-Storm:	Post-Storm:

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Continue site grading and stockpiling of any uncovered miscellaneous concrete debris. Repair cap and collar assembly on 3 monitoring wells. TV sanitary line.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	38
Cumulative Safety Hours to Date:	1252.75	**Hours**	**Calendar Days Since Start of Work:**	53

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/24/2015

SSHO and QC — **Date**

Tim Moore — 9/24/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	39	**Day:**	Friday	**Date:**	9/25/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	PC	**PM**	PC	**Wind:**	8	mph
Temperature:	**Min**	55	**Max**	80	**Precipitation:**	N/A	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	618	Operator
1	QC/Safety	CTI	10	372.75	QC/Safety
1	Environmental Eng.	CTI	2.75	41.5	Sampling 55 Gallon Drums - Site Obs
3	Jet/TV Crew/Pumping Crew	Youngs Environmental	12	51.25	TV Sanitary Line
		Total Hours	34.75	1287.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	1	212.5	8/17/2015	
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	5	56.5	8/18/2015	
John Deere 329E Skidsteer	CRC	4	28	8/12/2015	
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	345	8/7/2015	
Tool Trailer	CTI	10	382	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	382	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	382	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental	4	8	8/5/2015	8/5/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI continued rough grading the site with the John Deere 700K dozer and John Deere 329E skidsteer. The JD 329E skidsteer was used to grade the northeast corner. Any miscellaneous concrete debris uncovered during grading was placed in small stockpiles around the site. Concrete debris haul-out is scheduled for 9/28/15. Grade was raised around existing sanitary sewer manhole #2 to raise a low area to avoid storm water intrusion into the manhole. The manhole casting will be raised on a future date.

Youngs Environmental Cleanup CCTV'ed the existing sanitary lines between manholes #1, #2, #3, and #4 (MH #1 is northern most MH on site). No new pipe damage was observed. Water jetting was not necessary for the camera unit to clear the pipe lines. As during the initial TV, the camera unit was not able to pass the damaged pipe section south of MH #2. The camera unit was staged at MH #3 and run back towards MH #2 to finish the pipe run.

CTI environmental group collected samples from the 4 metal drums and 1 plastic drum at the site gate. The remaining 3 empty plastic drums were crushed and disposed of in a miscellaneous trash roll-off.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	39	Day:	Friday	Date:	9/25/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2600 CY / 2932.32 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2240 CY / 2672.15 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / Est. 3234.36 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2760 CY / 2692.78 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		20,841 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,280 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,760 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	39	**Day:**	Friday	**Date:**	9/25/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,440 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		600 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Recognizing and Addressing Substance Abuse

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Complete site grading, haul out miscellaneous concrete debris, repair cap and collar assembly on 4 monitoring wells, raise sanitary manhole.

16. Safety Hours:

Daily CTI plus Subcontractors:	34.75	**Hours**	**Number of On-site Workdays:**	39
Cumulative Safety Hours to Date:	1287.5	**Hours**	**Calendar Days Since Start of Work:**	54

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/25/2015
SSHO and QC	**Date**
Tim Moore	9/25/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	40	Day:	Monday	Date:	9/28/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	PC	**PM**	PC	**Wind:**	8 mph
Temperature:		**Min**	62	**Max**	80	**Precipitation:**	N/A
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	628	Operator
1	QC/Safety	CTI	10	382.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
		Total Hours	20	1307.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC	5	217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	5	61.5	8/18/2015	
John Deere 329E Skidsteer	CRC	0	28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
Office Trailer	CTI	10	355	8/7/2015	8/28/2015
Tool Trailer	CTI	10	392	8/3/2015	
2015 2500 HD Chevrolet Truck	CTI	10	392	7/30/2015	
2008 2500 HD Chevrolet Truck	CTI	10	392	8/3/2015	
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI completed rough grading the site with the John Deere 700K dozer. A John Deere 350G excavator was used to collect and stockpile any miscellaneous concrete debris uncovered during grading. While excavating a piece of reinforcing steel southwest of sanitary manhole #1, CTI uncovered what appeared to be a concrete pit filled with CMU blocks. Site drawings show this area to be outside of the former building footprint. CTI demolished and removed the newly discovered pit with the JD 350G excavator, then backfilled the excavation with the JD 700K dozer.

CTI loaded excavated in-place broken concrete from various areas of the site into 40-cubic yard haul trucks for transportation to Republic-Sauk Trail Hills Landfill for disposal. 2, 40-cubic yard haul truck loads of broken concrete were delivered for a daily total of 80 cubic yards and 98.46 tons. This concrete was not suitable for recycling due to the discoloration and large amounts of soil and other debris.

CTI raised the casting on existing sanitary sewer manhole #2 to avoid storm water intrusion into the manhole. The casting was placed on two courses of concrete bricks and mortar. Bagged concrete mix was then placed around the newly installed bricks and casting. CTI cut the newly installed PVC pipe extensions to proper elevation on the monitoring wells at the northeast corner of the site and reinstalled and repaired the concrete collars and metal caps. CTI also reinstalled and repaired the collar and cap on two additional monitoring wells damaged during site work. Concrete collars were repaired with mortar and concrete bricks, as needed.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	40	Day:	Monday	Date:	9/28/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete	80 CY / 98.46 Tons	2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris	80 CY	6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	40	**Day:**	Monday	**Date:**	9/28/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Operator Visibility Around Heavy Equipment

Were all activities conducted in accordance with HASP?	**YES**	**X**	**NO**	

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:**	**Pre-Storm:**	**Post-Storm:**

Inspections Conducted:

Straw Waddles		Straw Bales		Other	

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP?	**YES**	**X**	**NO**	

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Install silt fence, replace catch basin inlet filters, and demobilize from the site.

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	40
Cumulative Safety Hours to Date:	1307.5	**Hours**	**Calendar Days Since Start of Work:**	57

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore	9/28/2015
SSHO and QC	**Date**
Tim Moore	9/28/2015
Site Superintendent	**Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	41	**Day:**	Tuesday	**Date:**	9/29/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:		**AM**	OC	**PM**	OC	**Wind:**	24 mph
Temperature:		**Min**	55	**Max**	75	**Precipitation:**	0.17"
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
0	General Superintendent	CTI	0	132	Superintendent/Safety
1	Operators	CTI	10	638	Operator
1	QC/Safety	CTI	10	392.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
		Total Hours	20	1327.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC		217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC	1	62.5	8/18/2015	8/29/2015
John Deere 329E Skidsteer	CRC		28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
John Deere 27D Mini-Excavator	CRC	6	6	9/29/2015	9/29/2015
Office Trailer	CTI		355	8/7/2015	8/28/2015
Tool Trailer	CTI	10	402	8/3/2015	8/29/2015
2015 2500 HD Chevrolet Truck	CTI	10	402	7/30/2015	8/29/2015
2008 2500 HD Chevrolet Truck	CTI	10	402	8/3/2015	8/29/2015
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI installed approximately 300' of 3' silt fence at two locations near the site entry gate: running east from the entry gate towards Monroe Street and running along the southeast corner of the site along the perimeter fence. Silt fence was buried in a 6" anchor trench using a John Deere 27D mini-excavator. CTI also removed and replaced the existing inlet filters in the catch basins north and south of the site entrance on the west curb line of Monroe Street, and in the catch basin in the existing asphalt site access road.

CTI demobilized the office trailer, job trailer, roll-off dumpster, and all remaining equipment from the project site.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	41	Day:	Tuesday	Date:	9/29/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	41	**Day:**	Tuesday	**Date:**	9/29/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment	X	Trenches/Excavations	X	Rigging Equipment	
Fire extinguishers	X	Work zone barriers		Barriers	
Personnel PPE	X	Under/Over Utilities	X	Vehicles	X

Daily Tailgate Safety Topic:

Hand Tools

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	**Regular:** X	**Pre-Storm:**		**Post-Storm:**

Inspections Conducted: Installed additional BMPs

Straw Waddles		Straw Bales		Other	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

16. Safety Hours:

Daily CTI plus Subcontractors:	20	**Hours**	**Number of On-site Workdays:**	41
Cumulative Safety Hours to Date:	1327.5	**Hours**	**Calendar Days Since Start of Work:**	58

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Tim Moore — 9/29/2015

SSHO and QC — **Date**

Tim Moore — 9/29/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	42	**Day:**	Friday	**Date:**	12/4/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	OC	**PM**	CL	**Wind:**	11	mph
Temperature:	**Min**	33	**Max**	46	**Precipitation:**	0"	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
1	General Superintendent	CTI	3.5	135.5	Superintendent/Safety
0	Operators	CTI	0	638	Operator
0	QC/Safety	CTI	0	392.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
1	Foreman	Saginaw Valley Fence	3.5	3.5	Fence Installation Coordinator
2	Laborer	Saginaw Valley Fence	3.5	3.5	Fence Installers
				0	
		Total Hours	10.5	1266	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC		217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC		62.5	8/18/2015	8/29/2015
John Deere 329E Skidsteer	CRC		28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
John Deere 27D Mini-Excavator	CRC		6	9/29/2015	9/29/2015
Office Trailer	CTI		355	8/7/2015	8/28/2015
Tool Trailer	CTI		402	8/3/2015	8/29/2015
2015 2500 HD Chevrolet Truck	CTI		402	7/30/2015	8/29/2015
2008 2500 HD Chevrolet Truck	CTI		402	8/3/2015	8/29/2015
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

CTI performed oversite and subcontractor Saginaw Valley Fence installed 270 ft. of 1 5/8" fence posts at 10' spacing. The posts were installed at 2.5' depth with concrete blended on site filling the area from -2.5' to -0.5'. After the cement was poured, existing site material was placed on top seal them in place. The fencing was placed 2' inside of the easement, and will tie into the existing northeast corner where the wall is located.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	42	Day:	Friday	Date:	12/4/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	42	Day:	Friday	Date:	12/4/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment		Trenches/Excavations		Rigging Equipment	
Fire extinguishers		Work zone barriers	X	Barriers	
Personnel PPE	X	Under/Over Utilities		Vehicles	

Daily Tailgate Safety Topic:

Hand Tools

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular: X	Pre-Storm:	Post-Storm:

Inspections Conducted: Installed additional BMPs

Straw Waddles		Straw Bales		Other	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Finish fence installation

16. Safety Hours:

Daily CTI plus Subcontractors:	10.5	**Hours**	**Number of On-site Workdays:**	42
Cumulative Safety Hours to Date:	1266	**Hours**	**Calendar Days Since start of Work:**	124

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Matthew Matteson — 12/4/2015

SSHO and QC — **Date**

Matthew Matteson — 12/4/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	43	**Day:**	Tuesday	**Date:**	12/8/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	OC	**PM**	OC	**Wind:**	6	mph
Temperature:	**Min**	34	**Max**	45	**Precipitation:**	0"	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
1	General Superintendent	CTI	8	143.5	Superintendent/Safety
0	Operators	CTI	0	638	Operator
0	QC/Safety	CTI	0	392.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
1	Foreman	Saginaw Valley Fence	8	11.5	Fence Installation Coordinator
2	Laborer	Saginaw Valley Fence	16	23	Fence Installers
				0	
		Total Hours	32	1301.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC		217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC		62.5	8/18/2015	8/29/2015
John Deere 329E Skidsteer	CRC		28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
John Deere 27D Mini-Excavator	CRC		6	9/29/2015	9/29/2015
Bobcat S530	Saginaw Valley Fence	4	4	9/29/2015	9/29/2015
Office Trailer	CTI		355	8/7/2015	8/28/2015
Tool Trailer	CTI		402	8/3/2015	8/29/2015
2015 2500 HD Chevrolet Truck	CTI		402	7/30/2015	8/29/2015
2008 2500 HD Chevrolet Truck	CTI		402	8/3/2015	8/29/2015
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Saginaw Valley Fence continued setting up the fence inside the easement boundaries. All old posts and concrete were removed using a Bobcat S530 skidsteer and taken away via flatbed trailer.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	43	Day:	Tuesday	Date:	12/8/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	43	Day:	Tuesday	Date:	12/8/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment		Trenches/Excavations		Rigging Equipment	
Fire extinguishers		Work zone barriers	X	Barriers	
Personnel PPE	X	Under/Over Utilities		Vehicles	

Daily Tailgate Safety Topic:

Hand Tools

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Tim Moore performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular: X	Pre-Storm:	Post-Storm:

Inspections Conducted: Installed additional BMPs

Straw Waddles		Straw Bales		Other	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

No deficiencies observed.

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

Grass seed and straw blanketing will be applied to the easement zone

16. Safety Hours:

Daily CTI plus Subcontractors:	32	**Hours**	**Number of On-site Workdays:**	43
Cumulative Safety Hours to Date:	1301.5	**Hours**	**Calendar Days Since Start of Work:**	128

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Matthew Matteson — 12/8/2015

SSHO and QC — **Date**

Matthew Matteson — 12/8/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	44	**Day:**	Friday	**Date:**	12/11/2015

1. Project / General Information:

Project Name: 232 Monroe Street
Project Location: Saline, Michigan
JOB NO : 2156090002

Weather:	**AM**	CL	**PM**	CL	**Wind:**	10	mph
Temperature:	**Min**	39	**Max**	55	**Precipitation:**	0"	
Key:	CL	Clear	MC	Mostly Cloudy			
	PC	Partly Cloudy	OC	Overcast		www.weatherunderground.com	

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
1	General Superintendent	CTI	6	149.5	Superintendent/Safety
0	Operators	CTI	0	638	Operator
0	QC/Safety	CTI	0	392.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
0	Foreman	Saginaw Valley Fence	0	11.5	Fence Installation Coordinator
0	Laborer	Saginaw Valley Fence	0	23	Fence Installers
				0	
		Total Hours	6	1307.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC		217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC		62.5	8/18/2015	8/29/2015
John Deere 329E Skidsteer	CRC		28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
John Deere 27D Mini-Excavator	CRC		6	9/29/2015	9/29/2015
Bobcat S530	Saginaw Valley Fence		4	12/8/2015	12/8/2015
Office Trailer	CTI		355	8/7/2015	8/28/2015
Tool Trailer	CTI		402	8/3/2015	8/29/2015
2015 2500 HD Chevrolet Truck	CTI		402	7/30/2015	8/29/2015
2008 2500 HD Chevrolet Truck	CTI		402	8/3/2015	8/29/2015
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

Geoturf Green Plus Mixture grass seed was applied at a rate of 1lb/100 SF in the easement outside the fence, and was reinforced using ECM Western Straw Excelsior Double Matted Straw Blanketing. Blankets were installed using biodegradeable hardwood pegs and in total 400 SY+B56 of straw matting was installed.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	44	Day:	Friday	Date:	12/11/2015

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	44	Day:	Friday	Date:	12/11/2015

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment		Trenches/Excavations		Rigging Equipment	
Fire extinguishers		Work zone barriers	X	Barriers	
Personnel PPE	X	Under/Over Utilities		Vehicles	

Daily Tailgate Safety Topic:

Road safety

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Matt Matteson performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular: X	Pre-Storm:	Post-Storm:

Inspections Conducted: Installed additional BMPs

Straw Waddles		Straw Bales		Other X	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

Straw matting applied to greenbelt zone located within easement zone

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

None.

16. Safety Hours:

Daily CTI plus Subcontractors:	6	**Hours**	**Number of On-site Workdays:**	44
Cumulative Safety Hours to Date:	1307.5	**Hours**	**Calendar Days Since Start of Work:**	131

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Matthew Matteson — 12/11/2015

SSHO and QC — **Date**

Matthew Matteson — 12/11/2015

Site Superintendent — **Date**

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	45	**Day:**	Friday	**Date:**	1/21/2016

1. Project / General Information:

Project Name: **232 Monroe Street**
Project Location: **Saline, Michigan**
JOB NO : **2156090002**

Weather:		**AM**	OC	**PM**	OC	**Wind:**	4 mph
Temperature:		**Min**	17	**Max**	27	**Precipitation:**	0"
Key:	CL	Clear		MC	Mostly Cloudy		
	PC	Partly Cloudy		OC	Overcast		www.weatherunderground.com

2. Contractor / Subcontractor Employees on site and Responsibility:

No.	Job Title:	Employer:	Hours:	Cumulative Hours:	Responsibility
0	Project Manager	CTI	0	14.5	Project Manager
2	General Superintendent	CTI	2	151.5	Superintendent/Safety
0	Operators	CTI	0	638	Operator
0	QC/Safety	CTI	0	392.75	QC/Safety
0	Environmental Eng.	CTI	0	41.5	Sampling 55 Gallon Drums - Site Obs
0	Jet/TV Crew/Pumping Crew	Youngs Environmental	0	51.25	TV Sanitary Line
0	Foreman	Saginaw Valley Fence	0	11.5	Fence Installation Coordinator
0	Laborer	Saginaw Valley Fence	0	23	Fence Installers
				0	
		Total Hours	2	1309.5	

3. Equipment (Not Hand Tools):

Description:	Company:	Hours:	Cumulative Hours:	Date On Site:	Date Off Site:
John Deere 350G Excavator (809778)	CRC		200.7	7/31/2015	9/9/2015
John Deere 350G Excavator (810720)	CRC		43.5	7/31/2015	8/12/2015
Komatsu 300LC Excavator	CRC		24	8/13/2015	8/17/2015
John Deere 350G Excavator (810178)	CRC		217.5	8/17/2015	8/28/2015
John Deere 655C Loader	CRC		65	8/7/2015	8/19/2015
John Deere 700K Dozer	CRC		62.5	8/18/2015	8/29/2015
John Deere 329E Skidsteer	CRC		28	8/12/2015	8/28/2015
Vermeer V-3550A Riding Trencher	CRC		14.4	8/3/2015	8/6/2015
John Deere 27D Mini-Excavator	CRC		6	9/29/2015	9/29/2015
Bobcat S530	Saginaw Valley Fence		4	12/8/2015	12/8/2015
Office Trailer	CTI		355	8/7/2015	8/28/2015
Tool Trailer	CTI		402	8/3/2015	8/29/2015
2015 2500 HD Chevrolet Truck	CTI		402	7/30/2015	8/29/2015
2008 2500 HD Chevrolet Truck	CTI		402	8/3/2015	8/29/2015
Kia Sorento Rental	CTI		116	8/5/2015	8/21/2015
Vactor 2100 Vacuum Truck	Youngs Environmental		4	8/5/2015	8/5/2015
TV Truck and TV Unit	Youngs Environmental		8	8/25/2015	8/25/2015
Work Truck	Youngs Environmental		4	8/5/2015	8/5/2015
Vacuum Tanker - 9000 Gallon / Turbo	Youngs Environmental		13.75	9/15/2015	9/15/2015

4. Work Performed Today: (Indicate location and description of work performed by prime contractor and / or subcontractors).

At the request of the City of Saline, CTI removed the silt sack filters previously installed in the catch basins north and south of the entrance to the project site, on the west curb line of Monroe Street. The City requested the silt sack filters be removed during the winter and reinstalled in the spring. All other site storm water controls were left in place.

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	45	Day:	Friday	Date:	1/21/2016

5. Daily Quantity Tracking: (Topsoil / Clay / General Fill / Aggregate / Concrete)

Material	Daily Tons/CY	Cumulative Tons/CY	Disposition Location
Hexavalent Chromium		Est. 70 CY / 85.08 Tons	US Ecology - MI Disposal Waste Treatment Plant
Excavated PCB Special Waste Concrete		2680 CY / 2984.12 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled PCB Special Con.		160 CY / 131.29 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		3520 CY / 3786.28 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Concrete		2280 CY / 2721.68 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		3240 CY / 3255.74 Tons	Stoneco - Ann Arbor Recycling #81-098
Excavated In-Place Concrete		2880 CY / 2834.62 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		640 CY / 749.07 Tons	Republic - Sauk Trail Hills Landfill
Previously Stockpiled Asphalt		600 CY	Cadillac - Rawsonville
Previously Stockpiled Asphalt		40 CY	Cadillac - Wagner Rd - Rejected Asphalt
Excavated In-Place Asphalt		160 CY / 157.6 Tons	Republic - Sauk Trail Hills Landfill
On Site Pit Water - Non Hazardous		22,119 Gallons	Advanced Resource Recovery - Inkster
Scrap Metal		120 CY	GLR - Advanced Recycling

Comments:

6. Other Material Received: (Note Inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Description	Storage Provided	Inspection Results	
					Accept	Reject

7. Three Phase Control Activities Performed:

Definable Features of Work		Meetings / Inspections Completed		
		Preparatory	Initial	Follow-up
	Mobilization / Demobilization	8/3/2015	Daily	Daily
	Site Prep	8/3/2015	Daily	Daily
	Excavate and load out of all onsite materials Haz waste and PCB	8/18/2015	Daily	Daily
	Transportation and disposal of onsite materials	8/12/2015	Daily	Daily
	Foundation and slab removal	8/12/2015	Daily	Daily

8. Submittals Reviewed:

Submittal Number:	Specification/ Plan Reference:		Reviewed By:	Action by Government:		Approval Date:
-	-		-	-		-

9. Test Performed and Test Results:

Type Of Sample:	Date:	ID No.:	Analysis Requested:	Comments:

10. Offsite Surveillance Activities: (visits to suppliers, fabricators, quarries, machining facilities, etc.)

Supplier Visited:	Supplier Representative Name:	Product Supplied:	Results of Visit:
-	-	-	-

11. Transportation and Disposal of Liquids, Solids, Recyclable materials, and Government Property

Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Hex Chromium		70 CY	US Ecology	US Ecology - MI Disposal Waste Treatment

Non-Hazardous Transportation and Disposal

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Asphalt Debris		800 CY	Farmer-Under	Republic - Sauk Trail Hills
Concrete Debris		6,400 CY	Farmer-Under	Republic - Sauk Trail Hills
PCB Concrete		2,840 CY	Farmer-Under	Republic - Sauk Trail Hills
Non-Haz Water		22,119 Gallons	Young's	Advanced Resource Recovery - Inkster

DAILY QUALITY CONTROL REPORT

Daily Quality Control Report No.:	45	Day:	Friday	Date:	1/21/2016

Recyclable Materials Transportation and Disposition

Waste Type:	Daily Volume:	Cumulative Volume:	Transporter:	Disposal Facility:
Concrete Debris		5,520 CY	Farmer-Under	Stoneco - Ann Arbor Recycling #81-098
Asphalt Debris		640 CY	Farmer-Under	Cadillac - Rawsonville
Scrap Metal		120 CY	GLR	GLR - Advanced Recycling

12. Job Safety: (List items checked, results, instruction and corrective measures).

Inspections Conducted:

Heavy Equipment		Trenches/Excavations		Rigging Equipment	
Fire extinguishers		Work zone barriers	X	Barriers	
Personnel PPE	X	Under/Over Utilities		Vehicles	

Daily Tailgate Safety Topic:

Road safety

Were all activities conducted in accordance with HASP? **YES** X **NO**

Comments: (Include violations, corrective measures, damaged or compromised equipment, etc.).

Matt Matteson performed a site safety inspection and observed no deficiencies.

13. Environmental: (List Inspections, performance and corrective measures).

Type of Inspection:	Regular: X	Pre-Storm:	Post-Storm:

Inspections Conducted: Installed additional BMPs

Straw Waddles		Straw Bales		Other X	Silt fence and CB filters

Comments: (Include damaged materials, corrective measures, discharges, etc.)

Straw matting applied to greenbelt zone located within easement zone

Were all activities conducted in accordance with the EPP? **YES** X **NO**

14. Visitors / Remarks: (Instructions received; discrepancy(s) in Plans and/or Specifications; delays encountered).

15. Planned Activities: (List anticipated field activities for next day of work).

None.

16. Safety Hours:

Daily CTI plus Subcontractors:	2	**Hours**	**Number of On-site Workdays:**	45
Cumulative Safety Hours to Date:	1309.5	**Hours**	**Calendar Days Since Start of Work:**	172

Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Timothy Moore — 1/21/2016

SSHO and QC — **Date**

Timothy Moore — 1/21/2016

Site Superintendent — **Date**

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 3 August 2015

Direction: North

Description:

Monitoring wells located and marked.

Photo No.: 2

Date: 3 August 2015

Direction: North

Description:

Storm manhole discovered south east side of Concrete Pile #1.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 3 August 2015

Direction: West

Description:

Asphalt Pile west side of site before clearing brush and debris.

Photo No.: 4

Date: 3 August 2015

Direction: West

Description:

Asphalt Pile west side of site after clearing brush and debris.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 3 August 2015

Direction: North

Description:

Second asphalt pile located east of concrete pile #1. Cleared brush and debris.

Photo No.: 6

Date: 3 August 2015

Direction: East

Description:

Crew installing silt fence on south side of drive.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 4 August 2015

Direction: West

Description:

Excavated and exposed existing 8” ductile iron water main.

Photo No.: 2

Date: 4 August 2015

Direction: South

Description:

Crew cutting out a 1’ section of pipe in preparation for capping.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 4 August 2015

Direction: South

Description:

Pipe cut, capped and concrete placed for thrust block to prevent cap from blowing off under pressure.

Photo No.: 4

Date: 4 August 2015

Direction: North

Description:

Concrete pile #2 cleaned of brush and debris.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 4 August 2015

Direction: East

Description:

Area located just south of pile #2 with storm drainage pipes and foundation.

Photo No.: 6

Date: 4 August 2015

Direction: East

Description:

CTI brought in a dumpster and removed existing trash and debris from old dumpster that was left onsite.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 5 August 2015

Direction: West

Description:

CTI installed 3' tall silt fence (2' exposed) along the south side of the work area. Wooden posts were installed with 10' spacing. Silt fence was buried in a 6" anchor trench that was backfilled and compacted. Trench was dug and backfilled with a Vermeer V-3550A trencher machine.

Photo No.: 2

Date: 5 August 2015

Direction: Northwest

Description:

CTI installed 3' tall silt fence (2' exposed) at the southwest corner of the work area. Wooden posts were installed with 10' spacing. Silt fence was buried in a 6" anchor trench that was backfilled and compacted. Trench was dug and backfilled with a Vermeer V-3550A trencher machine.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 5 August 2015

Direction: North

Description:

Youngs Environmental using a tripod and crank winch to lower personnel into sanitary MH #1 to install the reducer plug shown on the left side of the photo. Air quality was verified prior to entry into the manhole. Air meter can be seen on the manhole lid.

Photo No.: 4

Date: 5 August 2015

Direction: North

Description:

Reducer plug installed on the upstream inlet of sanitary MH #1.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 5 August 2015

Direction: West

Description:

Youngs Environmental preparing TV camera unit.

Photo No.: 6

Date: 5 August 2015

Direction: North

Description:

CTI excavated several pot holes in existing concrete debris pile #1 and observed large quantities of construction debris consisting of red brick, CMU, metal pipe, soil, and organic material.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 7 August 2015

Direction: South

Description:

CTI excavated existing concrete slabs and foundations on the south side of the work area with a John Deere 350G excavator.

Photo No.: 2

Date: 7 August 2015

Direction: Northwest

Description:

CTI excavated existing concrete slab and utility encasement on the south side of the work area with a John Deere 350G excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 7 August 2015

Direction: North

Description:

CTI stockpiling newly excavated concrete debris.

Photo No.: 4

Date: 7 August 2015

Direction: South

Description:

CTI uncovered three utility structures. Structures appear to be storm sewer utilities. Structures were left in place for further investigation. The excavation was fenced prior to conclusion of the work day.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 7 August 2015

Direction: West

Description:

CTI transporting trees and vegetation to the stockpile location adjacent to the asphalt access road with a John Deere 655C loader.

Photo No.: 6

Date: 7 August 2015

Direction: Northeast

Description:

CTI dumping trees and vegetation at the stockpile location adjacent to the asphalt access road with a John Deere 655C loader.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 10 August 2015

Direction: West

Description:

CTI installed filter fabric under the catch basin inlet grate north of the site entrance on the Monroe Street west curb line.

Photo No.: 2

Date: 10 August 2015

Direction: North

Description:

CTI installed filter fabric under the catch basin inlet grate south of the site entrance on the Monroe Street west curb line.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 10 August 2015

Direction: East

Description:

CTI transporting trees and vegetation to the stockpile location adjacent to the asphalt access road with a John Deere 655C loader.

Photo No.: 4

Date: 10 August 2015

Direction: Northeast

Description:

CTI using a JD 350G excavator to determine the area and thickness of a concrete slab found underneath a previously demolished slab. A green coloring was observed on the concrete and surrounding soils. CTI is scheduled to perform additional environmental sampling in this area.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 10 August 2015

Direction: South

Description:

CTI stockpiled existing concrete utility piping and structures excavated after discovery. During excavation an odor assumed to be petroleum based was detected.

Photo No.: 6

Date: 10 August 2015

Direction: Northeast

Description:

CTI using a JD 350G excavator to demolish, remove, and stockpile existing concrete walls and foundations.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 11 August 2015

Direction: West

Description:

CTI installed "Posted No Trespassing Keep Out" signs along the site's perimeter chain link fence.

Photo No.: 2

Date: 11 August 2015

Direction: North

Description:

CTI placed sand bags in front of the curb box inlet on the catch basins north of the site entrance on the Monroe St. west curb line to direct water flow through the grate filter fabric.

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CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 11 August 2015

Direction: North

Description:

CTI placed sand bags in front of the curb box inlet on the catch basins south of the site entrance on the Monroe St. west curb line to direct water flow through the grate filter fabric.

Photo No.: 4

Date: 11 August 2015

Direction: East

Description:

CTI removing existing trees with a JD 350G excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 11 August 2015

Direction: West

Description:

CTI transporting asphalt debris from the existing stockpile on the west side of the site to the west edge of the asphalt access road with the JD 655C loader.

Photo No.: 6

Date: 11 August 2015

Direction: Northeast

Description:

CTI demolishing, removing, and stockpiling existing concrete walls and foundations with a JD 350G excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 12 August 2015

Direction: North

Description:

CTI loading previously stockpiled broken concrete into 40 cubic yard haul trucks for recycling at Stoneco – Ann Arbor Recycling Pit with a John Deere 350G excavator.

Photo No.: 2

Date: 12 August 2015

Direction: West

Description:

Typical load of broken concrete in a 40 cubic yard haul truck train in transit to Stoneco – Ann Arbor Recycling Pit. Haul truck was loaded with 42.56 tons of concrete debris.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 12 August 2015

Direction: West

Description:

CTI transporting asphalt debris from the existing stockpile on the west side of the site to the west edge of the asphalt access road with the JD 655C loader.

Photo No.: 4

Date: 12 August 2015

Direction: West

Description:

CTI loading a haul truck for transportation to Cadillac – Wagner Road facility for recycling. Asphalt was rejected due to excessive soil content.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 13 August 2015

Direction: West

Description:

CTI installed "Posted No Trespassing Keep Out" signs along the site's perimeter chain link fence.

Photo No.: 2

Date: 13 August 2015

Direction: North

Description:

CTI placed sand bags in front of the curb box inlet on the catch basins north of the site entrance on the Monroe St. west curb line to direct water flow through the grate filter fabric.

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CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 13 August 2015

Direction: South

Description:

CTI controlled dust and mud on the asphalt site access road with a John Deere 329E skid steer mounted brush.

Photo No.: 4

Date: 13 August 2015

Direction: South

Description:

CTI demolishing, removing, and stockpiling existing concrete walls and foundations with a Komatsu 300LC excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 13 August 2015

Direction: West

Description:

After removal of in-place concrete slabs, CTI observed areas of soil with gray/black discoloration and a suspected petroleum odor. CTI environmental group was informed and will provide further direction.

Photo No.: 6

Date: 13 August 2015

Direction: Northeast

Description:

CTI breaking up large excavated concrete pieces with a hydraulic breaking hammer attached to a Komatsu 300LC excavator. Downsizing debris required for recycling facility to accept.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 14 August 2015

Direction: West

Description:

CTI excavated existing concrete foundations and CMU walls.

Photo No.: 2

Date: 14 August 2015

Direction: West

Description:

CTI demolishing, removing, and stockpiling existing concrete walls and foundations with a Komatsu 300LC excavator.

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CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 14 August 2015

Direction: West

Description:

CTI demolishing, removing, and stockpiling existing concrete walls and foundations with a Komatsu 300LC excavator.

Photo No.: 4

Date: 14 August 2015

Direction: West

Description:

CTI demolishing, removing, and stockpiling existing concrete walls and foundations with a Komatsu 300LC excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 14 August 2015

Direction: Northwest

Description:

CTI uncovered a pit filled with what was assumed to be water during load out of an existing concrete stockpile. The pit was covered with a metal plate. CTI environmental group was informed of the discovery.

Photo No.: 6

Date: 14 August 2015

Direction: North

Description:

CTI loading previously stockpiled asphalt debris into a 40 cubic yard haul truck for recycling at Cadillac - Rawsonville plant with a Komatsu 300LC excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 17 August 2015

Direction: West

Description:

CTI continuing to load previously stockpiled broken concrete into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor Recycling Pit.

Photo No.: 2

Date: 17 August 2015

Direction: South

Description:

CTI continuing to transport excavated in-place concrete walls, foundations, and slabs from smaller stockpiles to a larger stockpile adjacent to the access road for future removal via haul truck.

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CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 17 August 2015

Direction: West

Description:

CTI demolishing and removing an existing CMU walled pit with utility openings. No utility piping was observed adjacent to the pit.

Photo No.: 4

Date: 17 August 2015

Direction: West

Description:

CTI demolishing, removing, and stockpiling existing concrete foundations and slab. Concrete and soil with green coloring was observed. CTI environmental group was informed of the observation.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 17 August 2015

Direction: West

Description:

CTI demolished and removed existing concrete foundations and slab. Broken concrete was stockpiled adjacent to the excavation for future load out into trucks or consolidation with another stockpile.

Photo No.: 6

Date: 17 August 2015

Direction: South

Description:

CTI loading hexavalent chromium concrete debris into a 20 cubic yard open top roll off for disposal at US Ecology. The concrete was loaded by a John Deere 350G excavator adjacent to the impacted concrete stockpile. Dry decontamination was performed on the bucket prior to moving the machine.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 18 August 2015

Direction: West

Description:

CTI continuing to load previously stockpiled broken asphalt into 40-cubic yard haul trucks for recycling at Cadillac – Rawsonville Plant.

Photo No.: 2

Date: 18 August 2015

Direction: Northeast

Description:

CTI began to rough grade the east half of the project site with a John Deere 700K dozer. The western edge of the raised eastern area of the site was sloped downward to the east side of the existing sanitary manhole inside of the original building footprint.

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CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 18 August 2015

Direction: East

Description:

CTI began to rough grade the east half of the project site with a John Deere 700K dozer. The western edge of the raised eastern area of the site was sloped downward to the east side of the existing sanitary manhole inside of the original building footprint.

Photo No.: 4

Date: 18 August 2015

Direction: Northeast

Description:

CTI began to rough grade the east half of the project site with a John Deere 700K dozer. The western edge of the raised eastern area of the site was sloped downward to the east side of the existing sanitary manhole inside of the original building footprint.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 18 August 2015

Direction: West

Description:

CTI assisting US Ecology pick up a roll off dumpster previously loaded with an estimated 10 cubic yards of hexavalent chrome hazardous concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant.

Photo No.: 6

Date: 18 August 2015

Direction: West

Description:

US Ecology picking up a roll off dumpster previously loaded with an estimated 10 cubic yards of hexavalent chrome hazardous concrete debris for disposal at US Ecology Michigan Disposal Waste Treatment Plant.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 19 August 2015

Direction: Northwest

Description:

CTI continuing to load previously stockpiled broken asphalt into 40-cubic yard haul trucks for recycling at Cadillac – Rawsonville Plant (First 3 loads) and Republic – Sauk Trail Hills Landfill (Remaining loads).

Photo No.: 2

Date: 19 August 2015

Direction: Northeast

Description:

CTI loading hexavalent chromium concrete debris into a 20 cubic yard open top roll off for disposal at US Ecology. The concrete was loaded by a John Deere 350G excavator adjacent to the impacted concrete stockpile. Dry decontamination was performed on the bucket prior to moving the machine.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 19 August 2015

Direction: East

Description:

CTI demolishing, removing, and stockpiling existing concrete foundations on the east side of the site with a John Deere 350G excavator.

Photo No.: 4

Date: 19 August 2015

Direction: Northeast

Description:

CTI demolishing, removing, and stockpiling existing concrete foundations and slabs southwest of the well with a John Deere 350G excavator. Red brick was observed adjacent to the well.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 19 August 2015

Direction: Northeast

Description:

During excavation of concrete foundations southwest of the well area, CTI uncovered a steel pit encased in concrete. The pit appeared to contain dirty water. CTI environmental group was informed of the observation.

Photo No.: 6

Date: 19 August 2015

Direction: North

Description:

During excavation of concrete foundations southwest of the well area, CTI uncovered a steel pit encased in concrete. The pit appeared to contain dirty water. CTI environmental group was informed of the observation.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 20 August 2015

Direction: Northwest

Description:

CTI continuing to load previously stockpiled broken asphalt into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 2

Date: 20 August 2015

Direction: Northeast

Description:

CTI began loading previously stockpiled broken concrete from the westernmost stockpile into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 20 August 2015

Direction: Northeast

Description:

CTI loading previously stockpiled broken concrete from the westernmost stockpile into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 4

Date: 20 August 2015

Direction: Southeast

Description:

Stockpile of broken asphalt previously demolished and removed from the asphalt parking area at the southeast corner of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 21 August 2015

Direction: Southeast

Description:

CTI observed broken concrete and CMU block debris extending down to the truck dock pavement slab at the northwest side of the building.

Photo No.: 2

Date: 21 August 2015

Direction: Southwest

Description:

CTI rough graded the southwest corner of the site with a John Deere 700K dozer. This area had previously been covered with a stockpile of broken asphalt.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 21 August 2015

Direction: Northeast

Description:

CTI loading previously stockpiled broken concrete from the westernmost stockpile into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 4

Date: 21 August 2015

Direction: Southeast

Description:

CTI rebuilding the existing west concrete debris stockpile with the John Deere 350G excavator during down time between loading haul trucks.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 24 August 2015

Direction: Northwest

Description:

CTI loading previously stockpiled broken concrete from the westernmost stockpile into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 2

Date: 24 August 2015

Direction: North

Description:

Continued exposure of the truck dock pavement slab at the southwest side of the building as the previously stockpiled concrete and CMU are transported off site.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 24 August 2015

Direction: North

Description:

CTI transporting reinforcing steel and metal scraps separated during in-place concrete demolition and removal to the designated metal dumpster.

Photo No.: 4

Date: 24 August 2015

Direction: Northwest

Description:

US Ecology picking up two roll off dumpsters previously loaded with an estimated 10 cubic yards of hexavalent chrome hazardous concrete debris each for disposal at US Ecology Michigan Disposal Waste Treatment Plant.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 24 August 2015

Direction: West

Description:

CTI excavated and removed existing concrete encased clay pipe in the southwest quarter of the project site. Utilities will be removed to the south edge of the project site.

Photo No.: 6

Date: 24 August 2015

Direction: Northeast

Description:

CTI demolished and removed existing concrete foundations and slab on the east side of the project site. Broken concrete was stockpiled adjacent to the excavation for future load out into trucks or consolidation with another stockpile.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 25 August 2015

Direction: East

Description:

CTI loading previously cleared brush and trees into 40-cubic yard haul trucks. Brush was then covered with previously stockpiled concrete debris for transport to Republic – Sauk Trail Hills Landfill for disposal.

Photo No.: 2

Date: 25 August 2015

Direction: Northwest

Description:

CTI loading previously stockpiled broken concrete from the westernmost stockpile and brush and trees into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 25 August 2015

Direction: East

Description:

CTI loading hexavalent chromium concrete debris into a 20 cubic yard open top roll off for disposal at US Ecology. The concrete was loaded by a John Deere 350G excavator adjacent to the impacted concrete stockpile. Dry decontamination was performed on the bucket prior to moving the machine

Photo No.: 4

Date: 25 August 2015

Direction: East

Description:

CTI excavated dead 1-1/2" plastic and 4" metal gas lines to the east side of the project site with a John Deere 350G excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 25 August 2015

Direction: North

Description:

CTI discovered a 4” valve adjacent to the east perimeter fence line. Both the plastic and metal pipes were cut with a chop saw. CTI requested direction on the handling of the valve from DTE Gas Distribution and left the excavation open for further inspection.

Photo No.: 6

Date: 25 August 2015

Direction: East

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls into 40-cubic yard haul trucks for recycling at Stoneco Ann Arbor Recycling.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 26 August 2015

Direction: East

Description:

CTI grading existing site soils with a John Deere 700k dozer around the project site to create haul routes for access to stockpiles on the east side and central areas of the site.

Photo No.: 2

Date: 26 August 2015

Direction: West

Description:

CTI loading previously stockpiled broken concrete from the center of the site, south of the hexavalent concrete area stockpile into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 26 August 2015

Direction: North

Description:

CTI demolishing excavated in-place concrete foundations, walls, and slabs with a hydraulic hammer mounted on a John Deere 350G excavator.

Photo No.: 4

Date: 26 August 2015

Direction: East

Description:

CTI loading demolished in-place asphalt pavement at the southeast corner of the site into 40-cubic yard haul trucks for disposal at Republic-Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 27 August 2015

Direction: Northwest

Description:

CTI grading existing site soils with a John Deere 700k dozer at areas where concrete stockpiles had been removed or in-place concrete had been excavated.

Photo No.: 2

Date: 27 August 2015

Direction: East

Description:

CTI loading excavated in-place concrete foundations, walls, and slabs into 40-cubic yard haul trucks for recycling at Stoneco-Ann Arbor Recycling.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 27 August 2015

Direction: Northeast

Description:

CTI demolished and removed existing concrete slab and foundations in the center of the of the project site. Broken concrete was stockpiled adjacent to the excavation for future disposal.

Photo No.: 4

Date: 27 August 2015

Direction: North

Description:

CTI demolished loose sections of the west side of the existing north CMU retaining wall down to the existing ground surface behind the wall. Site soils will be wedged against the wall to the existing ground level on a future date.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 27 August 2015

Direction: Northeast

Description:

View of the east quarter of the site. Stockpiles of previously stockpiled and excavated in-place broken concrete and in-place foundations are visible.

Photo No.: 4

Date: 27 August 2015

Direction: West

Description:

View of the west half of the project site. A stockpile of excavated in-place broken concrete slab unfit for recycling is visible.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 28 August 2015

Direction: West

Description:

CTI demolished and removed existing concrete slab and foundations in the western third of the project site. Broken concrete was stockpiled adjacent to the excavation for future disposal.

Photo No.: 2

Date: 28 August 2015

Direction: East

Description:

CTI loading 10 cubic yards of hexavalent chromium concrete debris into a 20 CY open top roll off for disposal at US Ecology. Dry decontamination was performed on the bucket prior to moving the machine.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 28 August 2015

Direction: West

Description:

Young's Environmental Cleanup, Inc. removing non-hazardous water from an existing concrete pit in the western half of the project site with a 9,000 gallon vacuum tanker. Non-hazardous water was transported to Advanced Resource Recovery – Inkster.

Photo No.: 4

Date: 28 August 2015

Direction: North

Description:

Young's Environmental Cleanup, Inc. removing non-hazardous water from an existing concrete pit in the PCB special waste area of the project site with a 9,000 gallon vacuum tanker. Non-hazardous water was transported to Advanced Resource Recovery – Inkster.

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CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 28 August 2015

Direction: South

Description:

Young's Environmental Cleanup, Inc. removing non-hazardous rainwater from an existing concrete pit in the western half of the project site with a 9,000 gallon vacuum tanker. All pits in the PCB area were observed to be filled with peastone, CMU blocks, and water.

Photo No.: 6

Date: 28 August 2015

Direction: West

Description:

CTI uncovered a previously unknown existing concrete pit west of the 7 known pits in the PCB area. The pit was covered with concrete and CMU debris and was not easily visible. CTI also believes another unknown pit may be directly west of this pit.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 31 August 2015

Direction: Northwest

Description:

CTI demolishing existing concrete truck dock slabs, foundations, and walls on the west side of the project site. Broken concrete was stockpiled adjacent to the excavation for future disposal.

Photo No.: 2

Date: 31 August 2015

Direction: South

Description:

CTI discovered a storm water manhole in the truck dock slab. Casting and structure will be removed on a later date.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 31 August 2015

Direction: Southwest

Description:

CTI stockpiled demolished and excavated in-place concrete foundations, slabs, and walls for future recycling at Stoneco – Ann Arbor Recycling Pit.

Photo No.: 4

Date: 31 August 2015

Direction: West

Description:

Roll off dumpsters loaded with 10 cubic yards of hexavalent chromium impacted concrete debris. Pick up for disposal at US Ecology - MI Disposal Waste Treatment Plant is scheduled for 9/2/15.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 1 September 2015

Direction: Northeast

Description:

CTI demolished the concrete lid over the existing brick well on the east side of the project site.

Photo No.: 2

Date: 1 September 2015

Direction: East

Description:

CTI installed a T-post and caution tape safety barrier around the open well to restrict foot traffic in the area.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 1 September 2015

Direction: Southeast

Description:

CTI demolishing, removing, and stockpiling existing concrete foundations on the east side of the site with a John Deere 350G excavator.

Photo No.: 4

Date: 1 September 2015

Direction: West

Description:

During demolition of the existing concrete pit southeast of the PCB area at the northeast corner of the project, CTI discovered that the pit was actually the east end of what was assumed to be a concrete channel running west to the large pit southwest of the PCB area.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 1 September 2015

Direction: Southwest

Description:

Young's Environmental Cleanup, Inc. removing non-hazardous water from an existing concrete pit on the east side of the project site with a 9,000 gallon vacuum tanker. Non-hazardous water was transported to Advanced Resource Recovery – Inkster.

Photo No.: 6

Date: 1 September 2015

Direction: Northwest

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls into 40-cubic yard haul trucks for disposal at Repubic-Sauk Trail Hills Landfill. Concrete from this stockpile was not suitable for recycling due to the presence of green staining and assorted debris.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 2 September 2015

Direction: Northwest

Description:

US Ecology picking up two roll off dumpsters previously loaded with an estimated 10 cubic yards of hexavalent chrome hazardous concrete debris each for disposal at US Ecology Michigan Disposal Waste Treatment Plant.

Photo No.: 2

Date: 2 September 2015

Direction: Northeast

Description:

CTI demolishing existing concrete pit walls, slabs, and foundations in the PCB special waste area of the site with a hydraulic hammer mounted on a John Deere 350G excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 2 September 2015

Direction: Northeast

Description:

CTI excavating soil to ensure that all existing concrete has been removed from the area with a John Deere 350G excavator.

Photo No.: 4

Date: 2 September 2015

Direction: West

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls at the west side of the site into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor Recycling.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 2 September 2015

Direction: West

Description:

CTI demolishing, removing, and stockpiling existing concrete pit walls, slabs, and foundations in the northeast corner of the site with a John Deere 350G excavator.

Photo No.: 6

Date: 2 September 2015

Direction: South

Description:

Scrap metal excavated during removal of existing concrete pit walls, slabs, and foundations.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 3 September 2015

Direction: Northeast

Description:

Due to the previous night's rain, CTI performed maintenance on the site haul roads with a John Deere 700K dozer prior to loading haul trucks.

Photo No.: 2

Date: 3 September 2015

Direction: Northeast

Description:

CTI loading excavated in-place PCB special waste concrete pit foundations, slabs, and walls at the northeast corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 3 September 2015

Direction: Southwest

Description:

CTI demolishing existing concrete pits in the PCB special waste area of the site with a hydraulic hammer mounted on a John Deere 350G excavator, while a second excavator removes and stockpiles the broken concrete.

Photo No.: 4

Date: 3 September 2015

Direction: West

Description:

Ongoing demolition of existing concrete pits in the PCB special waste area at the northeast corner of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: **4** September 2015

Direction: Northwest

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls at the west side of the site into 40-cubic yard haul trucks for recycling at Stoneco - Ann Arbor Recycling. Due to the previous night's rain, limited areas of the site were dry enough to off load material.

Photo No.: 2

Date: 4 September 2015

Direction: Northeast

Description:

Due to the previous night's rain, CTI performed maintenance on the site haul roads in the afternoon with a John Deere 700K dozer prior to loading haul trucks.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 4 September 2015

Direction: Northeast

Description:

CTI demolishing and excavating existing concrete pits in the PCB special waste area of the site with John Deere 350G excavators.

Photo No.: 4

Date: 4 September 2015

Direction: Northeast

Description:

CTI demolishing and excavating existing concrete pits in the PCB special waste area of the site with John Deere 350G excavators. During excavation, CTI observed gray stained soils with an odor. CTI environmental group was informed of the location.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 8 September 2015

Direction: Northeast

Description:

Ongoing progress of PCB impacted concrete excavation, stockpiling, and removal at the northeast corner of the site.

Photo No.: 2

Date: 8 September 2015

Direction: North

Description:

CTI loading excavated in-place PCB special waste concrete pit foundations, slabs, and walls at the northeast corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 8 September 2015

Direction: Northeast

Description:

CTI demolishing and excavating the existing concrete channel running east-west, south of the PCB special waste area of the site during down time between loading trucks from the PCB special waste stockpile.

Photo No.: 4

Date: 8 September 2015

Direction: Northeast

Description:

CTI loading excavated in-place PCB special waste concrete pit foundations, slabs, and walls at the northeast corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 9 September 2015

Direction: North

Description:

Existing concrete walls and slab observed west of the PCB special waste area. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

Photo No.: 2

Date: 9 September 2015

Direction: Southeast

Description:

CTI loading excavated in-place PCB special waste concrete pit foundations, slabs, and walls at the northeast corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 9 September 2015

Direction: Southwest

Description:

Large pieces of broken concrete excavated today from west of the PCB special waste area can be seen in the foreground while CTI loads excavated in-place PCB special waste concrete pit walls and slabs into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 4

Date: 9 September 2015

Direction: East

Description:

During downtime between loading trucks, CTI continued placing a ramp of excavated site soils along the existing north retaining wall with the John Deere 350G excavator and JD 700K dozer.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 10 September 2015

Direction: North

Description:

CTI demolishing and excavating existing concrete walls and slab observed west of the PCB special waste area. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

Photo No.: 2

Date: 10 September 2015

Direction: Northeast

Description:

CTI demolishing and excavating existing concrete walls and slab observed west of the PCB special waste area. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 10 September 2015

Direction: Southeast

Description:

Existing concrete walls and slab observed west of the PCB special waste area. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

Photo No.: 4

Date: 10 September 2015

Direction: Southeast

Description:

CTI demolishing and excavating existing concrete walls and slab observed west of the PCB special waste area. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 10 September 2015

Direction: East

Description:

CTI loading excavated in-place PCB special waste concrete pit foundations, slabs, and walls at the northeast corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 6

Date: 10 September 2015

Direction: Northeast

Description:

During downtime between loading trucks, CTI backfilled any excavations resulting from concrete removal and regraded areas that were adjacent to haul roads with the John Deere 700K dozer.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 11 September 2015

Direction: East

Description:

After removal of all PCB impacted material at the northwest corner of the site, CTI began scraping up and stockpiling the existing 1' layer of crushed concrete and brick remaining at the northwest corner of the site with the John Deere 350G excavator.

Photo No.: 2

Date: 11 September 2015

Direction: Northwest

Description:

After removal of all PCB impacted material at the northwest corner of the site, CTI loaded the remaining excavated in-place crushed concrete and brick into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 11 September 2015

Direction: South

Description:

CTI demolishing and excavating existing concrete foundations at the northwest corner of the site. This concrete was removed by the John Deere 350G excavator during downtime between loading haul trucks.

Photo No.: 4

Date: 11 September 2015

Direction: South

Description:

CTI observed a concrete storm sewer running through the building northwest foundation line. This utility piping will be removed and recycled.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 14 September 2015

Direction: East

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls into 40-cubic yard haul trucks for disposal at Republic - Sauk Trail Hills Landfill. Concrete from this stockpile was not suitable for recycling due to the presence of green staining and assorted debris.

Photo No.: 2

Date: 14 September 2015

Direction: Northeast

Description:

During downtime between loading haul trucks, CTI performed general site grading with a John Deere 700K dozer.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 14 September 2015

Direction: West

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls into 40-cubic yard haul trucks for disposal at Republic - Sauk Trail Hills Landfill. Concrete from this stockpile was not suitable for recycling due to the presence of green staining and assorted debris.

Photo No.: 4

Date: 14 September 2015

Direction: Northeast

Description:

View of ongoing concrete debris removal operations at the northeast side of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 15 September 2015

Direction: South

Description:

Young's Environmental Cleanup, Inc. removing RCRA non-hazardous water from an existing brick well/cistern on the eastern side of the project site with a vacuum tanker. RCRA Non-hazardous water was transported to Advanced Resource Recovery – Inkster.

Photo No.: 2

Date: 15 September 2015

Direction: West

Description:

After pumping out the existing water, a valve, and various debris are visible at the bottom of the well/cistern on the eastern side of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 15 September 2015

Direction: South

Description:

CTI loading excavated in-place concrete foundations, slabs, and walls into 40-cubic yard haul trucks for disposal at Republic - Sauk Trail Hills Landfill. Concrete from this stockpile was not suitable for recycling due to the presence of gray staining and assorted debris.

Photo No.: 4

Date: 15 September 2015

Direction: West

Description:

CTI removing existing concrete floor slab on grade at the northwest side of the site. Broken concrete slab was loaded into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 15 September 2015

Direction: West

Description:

Ongoing demolition of existing concrete slab on grade at the northwest corner of the site.

Photo No.: 6

Date: 15 September 2015

Direction: West

Description:

CTI removing an existing corrugated metal storm drain pipe and concrete culvert inlet on the north side of the project. The pipe terminated south of the north project fence.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 16 September 2015

Direction: Northwest

Description:

CTI loading excavated in-place concrete foundations and slab on grade at the northwest corner of the site into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor.

Photo No.: 2

Date: 16 September 2015

Direction: West

Description:

CTI removing existing in-place concrete slab on grade from the northwest corner of the project site. Broken concrete was stockpiled for direct loading onto haul trucks.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 16 September 2015

Direction: North

Description:

CTI continues to load excavated in-place concrete foundations and slab on grade at the northwest corner of the site into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 17 September 2015

Direction: Southwest

Description:

CTI demolishing and excavating in-place concrete foundations at the northwest corner of the site with a John Deere 350G excavator.

Photo No.: 2

Date: 17 September 2015

Direction: North

Description:

Existing storm sewer manhole along the site's north perimeter fence line.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 17 September 2015

Direction: Southwest

Description:

CTI removing an existing storm sewer concrete manhole base and associated piping at the northwest area of the site.

Photo No.: 4

Date: 17 September 2015

Direction: North

Description:

CTI removing existing reinforced concrete and corrugated metal storm sewer pipe at the northwest area of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 17 September 2015

Direction: Northwest

Description:

CTI removing existing reinforced concrete storm sewer pipe and a concrete storm sewer manhole along the north perimeter of the site. Removal progressed from west to east along the north border to the existing telephone pole and north retaining wall.

Photo No.: 6

Date: 17 September 2015

Direction: West

Description:

CTI removed the existing concrete foundation wall, pavement, and bollard at the northeast corner of the site to facilitate moving the perimeter fence out of the City of Saline Right of Way. The remaining bollard will be cut flush with the existing concrete.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 18 September 2015

Direction: East

Description:

CTI installed a brick and mortar bulkhead in the westernmost section of the existing concrete storm sewer pipe that was not removed along the north side of the site. The storm sewer removal excavation was then backfilled with a John Deere 700K dozer.

Photo No.: 2

Date: 18 September 2015

Direction: West

Description:

Remaining broken concrete stockpiles at the west side of the site. Broken concrete will be hauled off site next week.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 21 September 2015

Direction: Northeast

Description:

CTI rough grading the eastern section of the site with a John Deere 700K dozer. Grading was performed to establish positive drainage to the southwest.

Photo No.: 2

Date: 21 September 2015

Direction: West

Description:

While grading CTI found additional concrete foundations in several areas. Concrete foundations were removed and stockpiled for disposal with a John Deere 350G excavator as they were encountered.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 21 September 2015

Direction: Southwest

Description:

CTI used the John Deere 350G excavator to excavate around the top of the existing well/cistern on the east side of the site and remove several layers of brick to create a level surface for plywood placement.

Photo No.: 4

Date: 21 September 2015

Direction: West

Description:

CTI covered the existing well/cistern opening with a layer of 6-mil plastic sheeting and two overlapping pieces of 3/4" thick, 4'x8' treated plywood.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 21 September 2015

Direction: Northeast

Description:

CTI covered the plywood with another layer of 6-mil plastic sheeting to protect the plywood from moisture.

Photo No.: 6

Date: 21 September 2015

Direction: North

Description:

CTI covered the top layer of plastic with a mound of existing site soils.

CONSTRUCTION PHOTO LOG

Photo No.: 7

Date: 21 September 2015

Direction: North

Description:

After a mound of existing site soil was placed and lightly compacted over the well/cistern opening caution tape was set around the perimeter of the well mound on T-posts to prohibit vehicle and equipment traffic.

Photo No.: 8

Date: 21 September 2015

Direction: North

Description:

Ongoing rough grading of the eastern area of the site at the conclusion of the work day.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 22 September 2015

Direction: Southeast

Description:

CTI transported the historical bricks stored on pallets near the site entrance gate with the John Deere 329E skidsteer to the concrete debris stockpiles at the northwest area of the site for disposal.

Photo No.: 2

Date: 22 September 2015

Direction: Northwest

Description:

CTI loading excavated in-place concrete foundations, walls, and slab stockpiled at the northwest corner of the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 22 September 2015

Direction: Northwest

Description:

CTI loading excavated in-place concrete foundations, walls, and slab stockpiled at the northwest corner of the site into 40-cubic yard haul trucks for recycling at Stoneco – Ann Arbor.

Photo No.: 4

Date: 22 September 2015

Direction: West

Description:

CTI continuing to rough grade the eastern and center sections of the site with a John Deere 700K dozer. Grading was performed to establish positive drainage to the southwest.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 22 September 2015

Direction: North

Description:

Ongoing rough grading of the eastern area of the site.

Photo No.: 6

Date: 22 September 2015

Direction: Southeast

Description:

CTI used the John Deere 350G excavator and hand shovels to remove the concrete cap and collars and excavate around the existing gas and water monitoring wells at the northeast corner of the site for future raising.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 23 September 2015

Direction: West

Description:

GLR Recycling picked up 1, 30-cubic yard dumpster of scrap metal salvaged from the project site.

Photo No.: 2

Date: 23 September 2015

Direction: Northeast

Description:

CTI continuing to rough grade the center and western sections of the site with a John Deere 700K dozer. Grading was performed to establish positive drainage to the south and west.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 23 September 2015

Direction: Northwest

Description:

CTI continuing to rough grade the center and western sections of the site with a John Deere 700K dozer. Grading was performed to establish positive drainage to the south and west.

Photo No.: 4

Date: 23 September 2015

Direction: East

Description:

CTI raised the existing gas and water monitoring wells at the northeast corner of the site with new 5' sections of schedule 40 PVC pipe and repair couplers. Pipes will be cut down to required elevation after grading has been completed.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 24 September 2015

Direction: Northeast

Description:

After allowing any residual gas to vent overnight, CTI cut off the existing 4" metal gas line below grade at the northeast corner of the site.

Photo No.: 2

Date: 24 September 2015

Direction: Northeast

Description:

CTI used a 4" flexible PVC pipe cap and stainless steel band to cap the existing 4” gas line.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 24 September 2015

Direction: Southwest

Description:

CTI removing the existing bollard and bollard foundation with a John Deere 350G excavator at the northeast corner of the site. Removal of the bollard foundation caused the adjacent existing pavement square outside of the perimeter fence to heave and break in half.

Photo No.: 4

Date: 24 September 2015

Direction: Southwest

Description:

CTI removed the broken concrete pavement, backfilled the foundation excavation, and reattached the perimeter fence, leaving the post on the backfill soil. Fence relocation will be performed on a later date.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 24 September 2015

Direction: Northwest

Description:

CTI excavating existing soil from the western slope of the raised eastern quarter of the site for use as fill in the northeast corner.

Photo No.: 6

Date: 24 September 2015

Direction: North

Description:

CTI stabilized the monitoring well pipe extensions while backfilled around them with excavated soil. CTI then filled the remainder of the northeast corner of the site. Rough grading and monitoring well cap and collar replacement will be performed on a later date.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 25 September 2015

Direction: North

Description:

Youngs Environmental Cleanup CCTV'ed the existing sanitary lines between manholes #1, #2, #3, and #4 (MH #1 is northern most MH on site). No new pipe damage was observed. View is of MH #3.

Photo No.: 2

Date: 25 September 2015

Direction: North

Description:

CTI rough grading the northeast corner of site with a John Deere 329E skidsteer.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 25 September 2015

Direction: West

Description:

CTI rough grading the southwestern corner of the site with a John Deere 700K dozer.

Photo No.: 4

Date: 25 September 2015

Direction: Northeast

Description:

CTI rough grading the center section of the site with a John Deere 700K dozer. Grade was raised around existing manhole #2 to fix a low area. The casting for Manhole #2 will be raised on a later date.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 28 September 2015

Direction: Northeast

Description:

CTI collecting and stockpiling miscellaneous concrete debris uncovered during grading with a John Deere 350G excavator.

Photo No.: 2

Date: 28 September 2015

Direction: Northeast

Description:

CTI excavating what appeared to be a concrete pit filled with CMU blocks discovered while excavating a piece of reinforcing steel southwest of sanitary manhole #1.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 28 September 2015

Direction: Northeast

Description:

Newly discovered concrete pit removal excavation and broken concrete debris southwest of sanitary manhole #1. This concrete structure was discovered outside of the building footprint.

Photo No.: 4

Date: 28 September 2015

Direction: Southwest

Description:

CTI raised the casting on existing sanitary sewer manhole #2 to avoid storm water intrusion into the manhole. The casting was placed on two courses of concrete bricks and mortar. Bagged concrete mix was then placed around the newly installed brick courses and casting.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 28 September 2015

Direction: Northeast

Description:

CTI loading excavated in-place broken concrete debris stockpiled at 3 locations around the site into 40-cubic yard haul trucks for disposal at Republic – Sauk Trail Hills Landfill.

Photo No.: 6

Date: 28 September 2015

Direction: North

Description:

After cutting the newly installed PVC pipe extensions to proper elevation on the monitoring wells at the northeast corner of the site, CTI reinstalled the concrete collars and metal caps. Damaged concrete collars were repaired with bagged mortar mix.

CONSTRUCTION PHOTO LOG

Photo No.: 7

Date: 28 September 2015

Direction: East

Description:

CTI repaired the damaged water monitoring well concrete collar west of sanitary manhole #1 with concrete bricks and bagged mortar mix.

Photo No.: 8

Date: 28 September 2015

Direction: North

Description:

CTI repaired a damaged monitoring well concrete collar south of the 2 monitoring wells at the northeast corner of the site with bagged mortar mix.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 29 September 2015

Direction: Northwest

Description:

CTI removed and replaced the inlet filter on the catch basin south of the site entrance on the west curb line of Monroe Street.

Photo No.: 2

Date: 29 September 2015

Direction: North

Description:

CTI removed and replaced the inlet filter on the catch basin north of the site entrance on the west curb line of Monroe Street.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 29 September 2015

Direction: Northeast

Description:

CTI removed and replaced the inlet filter on the catch basin in the site asphalt access road.

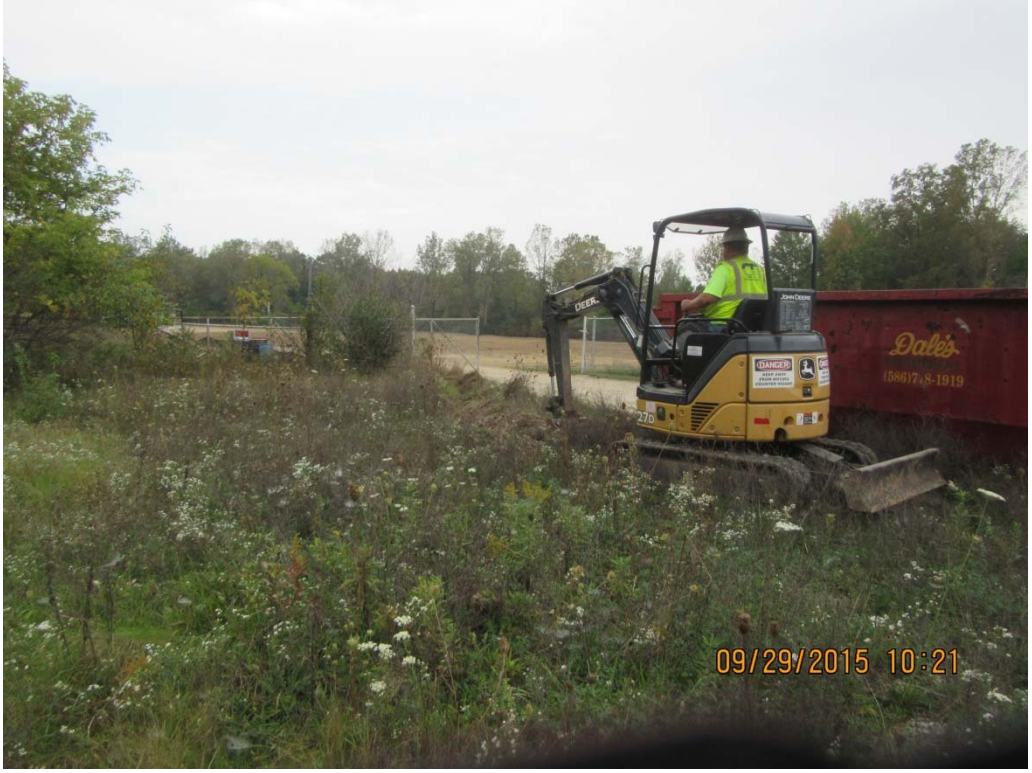

Photo No.: 4

Date: 29 September 2015

Direction: West

Description:

CTI excavating a 6” anchor trench for silt fence installation with a John Deere 37D mini-excavator.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 29 September 2015

Direction: East

Description:

CTI installed 3' prefabricated silt fence east of the site entrance gate running towards Monroe Street. Silt fence was buried in a 6" anchor trench.

Photo No.: 6

Date: 29 September 2015

Direction: South

Description:

CTI installed 3' prefabricated silt fence at the southeast corner of the site, along the perimeter fence. Silt fence was covered by a 6" layer of soil.

CONSTRUCTION PHOTO LOG

Photo No.: 7

Date: 29 September 2015

Direction: Northeast

Description:

View of the job site looking northeast from the southwest side of the site.

Photo No.: 8

Date: 29 September 2015

Direction: Southwest

Description:

View of the job site looking southwest from the northeast corner of the site.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 4 December 2015

Direction: Northwest

Description:

Saginaw Valley Fence used a gas-powered auger to pre-dig fence holes where posts were to be installed

Photo No.: 2

Date: 4 December 2015

Direction: South

Description:

Laborers followed the gas-powered auger and cleaned the remaining soil out of the holes using a hand auger.

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 4 December 2015

Direction: -

Description:

The posts were installed at a depth of approximately 2.5' to ensure stability.

Photo No.: 4

Date: 4 December 2015

Direction: -

Description:

2' thick concrete slabs were poured to fill the space between the fence post and the augered hole.

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 4 December 2015

Direction: North

Description:

Completed view looking north.

Photo No.: 6

Date: 4 December 2015

Direction: South

Description:

Completed view looking south.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 8 December 2015

Direction: South

Description:

Posts were installed on December 4th, and the concrete bases were all set up when CTI arrived to the site December 8th

Photo No.: 2

Date: 8 December 2015

Direction: East

Description:

Fence ties were clipped to remove the old fence for reuse

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 8 December 2015

Direction: North

Description:

The old fence was pulled off the rails and rolled to transport to the new fence location

Photo No.: 4

Date: 8 December 2015

Direction: North

Description:

Top rails were reused and applied to the new posts

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 8 December 2015

Direction: East

Description:

The fence posts were cut to an even 6', and the top rail was reinstalled

Photo No.: 6

Date: 8 December 2015

Direction: North

Description:

The corner post was tied into the existing top rails

CONSTRUCTION PHOTO LOG

Photo No.: 7

Date: 8 December 2015

Direction: Southeast

Description:

The fencing was laid and pulled tight over the length of the fence

Photo No.: 8

Date: 8 December 2015

Direction: East

Description:

Old posts were removed using a skidsteer

CONSTRUCTION PHOTO LOG

Photo No.: 9

Date: 8 December 2015

Direction: Northeast

Description:

Old posts were loaded and removed from the site upon completion

Photo No.: 10

Date: 8 December 2015

Direction: North

Description:

View of the finished product.

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 11 December 2015

Direction: North

Description:

The easement area was raked to remove large rocks and stones that would inhibit grass growth

Photo No.: 2

Date: 11 December 2015

Direction: South

Description:

View looking south of raked easement

CONSTRUCTION PHOTO LOG

Photo No.: 3

Date: 11 December 2015

Direction: Down

Description:

The area was seeded with Geoturf Green Plus mixture laid at 1lb/100 SF

Photo No.: 4

Date: 11 December 2015

Direction: South

Description:

Excelsor SR-1 was used to reinforce the seed and mulch the ground (8'x112.5' rolls)

CONSTRUCTION PHOTO LOG

Photo No.: 5

Date: 11 December 2015

Direction: North

Description:

The grass mats were rolled out to the edge of the pre-established green zone and up towards the fence.

Photo No.: 6

Date: 11 December 2015

Direction: South

Description:

Straw blankets were rolled to the edge of the disturbed areas

CONSTRUCTION PHOTO LOG

Photo No.: 7

Date: 11 December 2015

Direction: North

Description:

Final view looking north.

Photo No.: 8

Date: 15 December 2015

Direction: North

Description:

Final view after removing rocks and debris from the work area

CONSTRUCTION PHOTO LOG

Photo No.: 1

Date: 21 January 2016

Direction: North

Description:

At the request of the City of Saline, CTI removed the silt sack filters previously installed in the catch basins north and south of the entrance to the project site, on the west curb line of Monroe Street. Silt sack filters will be reinstalled in the spring.

Photo No.: 2

Date: 21 January 2016

Direction: South

Description:

At the request of the City of Saline, CTI removed the silt sack filters previously installed in the catch basins north and south of the entrance to the project site, on the west curb line of Monroe Street. Silt sack filters will be reinstalled in the spring.

Appendix D

Waste Profile Information

Profile Tracking # _____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on service offerings, please visit our website at www.usecology.com, or call 800-592-5489.

US Ecology will choose the appropriate facility and method of waste management for your waste from the technologies offered at each operation.

If you wish to direct this waste to a specific facility(s) or treatment technology please indicate here:

Waste Common Name:

Section 1 – Generator & Customer Information

Generator EPA ID # MID980795512

NAICS/SIC Code

Generator Johnson Controls

Facility Address 232 Monroe

City Saline State MI Zip 48176

24-hour Emergency Response Number

Mailing Address 49200 Halyard

City Plymouth State MI Zip 48170

Generator Contact Michael Stoelton

Title Director of Environmental Affairs

Phone (734) 254-5657 Fax (734) 254-7899

E-mail Michael.L.Stoelton@jci.com

Internal Use Only: EQ Division

EQ Customer No.

Invoicing Company CTI and Associates, Inc.

Address 51331 W. Pontiac Trail

City Wixom State MI Zip 48393

Country US

Invoicing Contact Kevin Manuel

Phone 248-486-5100 Fax 248-486-5050

Technical Contact Terri Zick

Phone 313-300-7401 Fax 248-486-5050

Cell Phone 313-300-7401

E-mail tzick@cticompanies.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped: 90 tons

b) Frequency: X One time ❑ Month ❑ Year ❑ Other:

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? X Yes ❑ No

b) If "Yes", indicate the proper shipping name per 49CFR 172.101 Hazardous Materials Table:

RQ, NA 3077, Hazardous Waste Solid, NOS (D007), 9, PG III (Chromium)

Section 3 – Special Properties

3.1) Color Gray

3.2) Odor X None ❑ Ammonia ❑ Amines ❑ Mercaptans ❑ Sulfur ❑ Organic Acid ❑ Amines/Ammonia

❑ Other:

3.3) Consistency at 70°F: X Solid ❑ Dust/Powder ❑ Debris ❑ Sludge ❑ Liquid ❑ Gas/Aerosol ❑ Varies

3.4) What is the pH? ❑ ≤2 ❑ 2.1-4.9 ❑ 5 – 10 ❑ 10.1 – 12.4 ❑ ≥12.5 X N/A

3.5) What is the flash point? ❑ <90°F ❑ 90-139°F ❑ 140-199°F ❑ >200°F X N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

x **None**	❑ Free Liquids	❑ Metal Fines	❑ Water Reactive	❑ Biohazard
❑ Shock Sensitive	❑ Oily Residue	❑ Dioxins	❑ Furans	❑ Aluminum
❑ Asbestos – non-friable	❑ Asbestos – friable	❑ Other Radioactive	❑ Air Reactive	❑ Isocyanates
❑ Biodegradable Sorbents	❑ Pyrophoric	❑ Reactive Sulfide	❑ Reactive Cyanide	❑ Explosives
❑ Temperature Controlled Organic Peroxide		❑ NORM	❑ TENORM	

Section 4 – Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

Concrete and debris 99 to 100 % _____ to ____%

Chromium _____ to 0.0016 % _____ to ____%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

Remediation of a former Hoover Manufacturing facility. Waste consists of foundation footings and related debris

Property previously remediated (soil removed) leaving only concrete debris contaminated with chromium from an

Undetermined source.

4.3) Are there any known previous handling or treatment issues involving this waste? ❑ Yes* X No

*If yes, describe: _____

Section 5 – Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ❑ Yes, please provide exemption: _____ X No

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ❑ Yes: _____ X No

a) For F006–F009, F012, does this come from a generator that conducts a cyanide plating process? ❑ Yes ❑ No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? X Yes: D007 ❑ No

5.4) Do any State Specific Hazardous Waste Codes apply? ❑ Yes: _____ X No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: _____ EPA Form Code: _____

5.6) Waste Code Determination Is Based On: ❑ Generator Knowledge X Analysis ❑ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? X Yes ❑ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ❑ WW X NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40CFR 268.49? ❑ Yes ❑ No

c) Does this waste contain greater than 50% debris, by volume? X Yes ❑ No
(Debris is greater than 2.5 inches in size.)

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

_____

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ❑ Yes* X No

*If Yes, please list: _____

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 – Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ❑ Yes X No _____

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG)? ❑ UNIV ❑ RG X N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ❑ Yes X No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ❑ Yes ❑ No

b) If yes, what is the source of the halogen content?

- ❑ This is a metalworking oil/fluid containing chlorinated paraffins.
- ❑ This is used oil contaminated with chlorofluorocarbons from refrigeration units.
- ❑ This oil contains halogenated solvents. List specific solvents: _____
- ❑ Other, describe: _____

Section 7 – TSCA Information

7.1) What is the concentration of PCBs in the waste? X None ❑ 0-49 ppm ❑ 50-499 ppm ❑ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ❑ Yes ❑ No ❑ Unknown

If you answered "none" or "0-49 ppm"' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ❑ Yes* ❑ No

*If yes, what was the concentration of PCBs prior to processing? ❑ 0-499 ppm ❑ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ❑ Yes ❑ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ❑ Yes ❑ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ❑ N/A ❑ Yes ❑ No

Section 8 – Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ❑ Yes X No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ❑ Yes X No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ❑ Yes* X No

*If Yes this document serves as notification that this waste contains chemicals _____ , _____ required to be managed in accordance with Part ❑ 61 ❑ 62 ❑ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ❑ Yes X No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)?

❑ Yes, please provide the SIC/NAICS code: _____ X No

If you answered "no" to questions 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site?

❑ Yes, please specify: _____ ❑ No

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ❑ Yes ❑ No

8.8) Does the waste contain >10% water? ❑ Yes ❑ No

8.9) What is the TAB quantity for your facility? _____ Mg/Year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

If I am an agent acting on behalf of the generator, I also certify that I have permission to sign any and all waste characterization paperwork on the generator's behalf and that I can produce such certification in writing upon request.

Generator Signature [signature] Printed Name Michael Stoelton

Company Johnson Controls Title Director Environmental Affairs Date 6-26-15

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ – The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Profile Form and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Profile Form (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Profile Form containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Profile Form, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Profile Form.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Profile Form. The information set forth in the Waste Profile Form or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Profile Form, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statues, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

REPUBLIC SERVICES **SPECIAL WASTE PROFILE**

Requested Disposal Facility: 4242 Sauk Trail Hills LF MI

Waste Profile #

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #:

I. Generator Information

Generator Name: Johnson Controls			
Generator Site Address: 232 Monroe Street			
City: Saline	County:	State: Michigan	Zip: 48176
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS # :
Generator Mailing Address (if different): ☑ c/o CTI and Associates, Inc.; 51331 W. Pontiac Trail			
City:	County:	State: -- Select a State --	Zip:
Generator Contact Name: Terri Zick		Email: tzick@cticompanies.com	
Phone Number: (313) 300-7401	Ext:	Fax Number:	

II. Billing Information

Bill To: CTI and Associates, Inc.		Contact Name: Kevin Manuel	
Billing Address: 51331 W. Pontiac Trail		Email: kmanuel@cticompanies.com	
City: Wixom	State: MI	Zip: 48393	Phone: (248) 486-5100

III. Waste Stream Information

Name of Waste:	Concrete impacted with <50 ppm PCBs from an undetermined source
Process Generating Waste:	Demolition/removal of footings at former industrial facility
Type of Waste:	☑ INDUSTRIAL PROCESS WASTE ☐ POLLUTION CONTROL WASTE
Physical State:	☑ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID
Method of Shipment:	☑ BULK ☐ DRUM ☐ BAGGED ☐ OTHER:
Estimated Annual Volume:	450 Tons
Frequency:	☑ ONE TIME ☐ ONGOING
Disposal Consideration:	☑ LANDFILL ☐ SOLIDIFICATION ☐ BIOREMEDIATION

IV. Representative Sample Certification

☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☑ YES or ☐ NO
Type of Sample: ☑ COMPOSITE SAMPLE ☐ GRAB SAMPLE	
Sample Date: 10/10/14	
Sample ID Numbers:	1410306-08 (8B) 1410306-24 (4B)

© Republic Services, April 2013

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. PCBs	0.004%
2. Concrete	99.996%
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
gray	None	☐ YES or ☑ NO	98	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes or ☑ No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes or ☑ No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes or ☑ No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes or ☑ No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this waste a reactive or heat generating waste?	☐ Yes or ☑ No
Does the waste contain sulfur or sulfur by-products?	☐ Yes or ☑ No
Is this waste generated at a Federal Superfund Clean Up Site?	☐ Yes or ☑ No
Is this waste from a TSD facility, TSD like facility or consolidator?	☐ Yes or ☑ No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Michael Stoelton	Johnson Controls
Authorized Representative Name And Title (Type or Print)	Company Name
Authorized Representative Signature	6-26-15 Date

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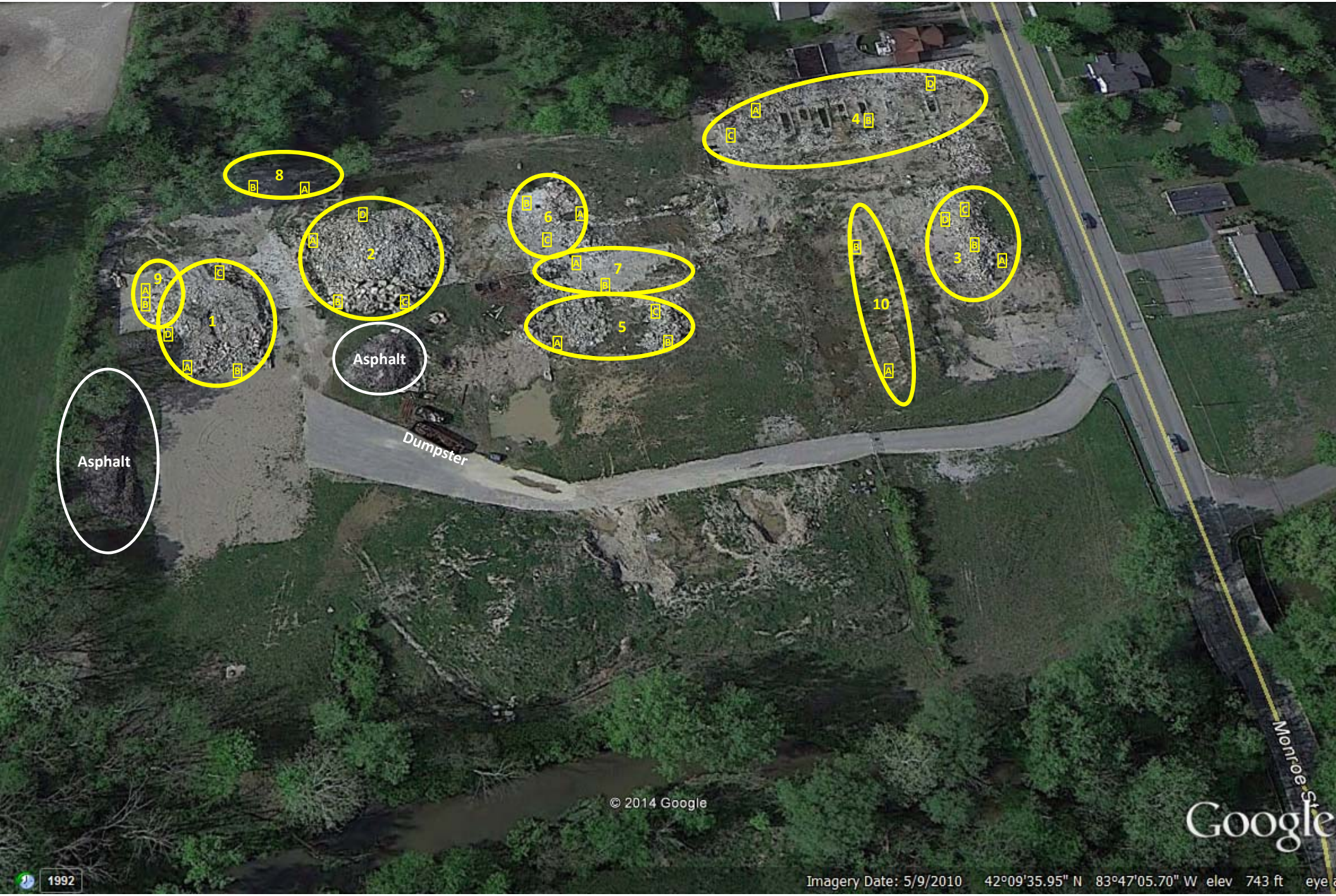

SAMPLES COLLECTED (Samples are Identified by area number, and then sample location letter)

1 (A) (B) (C) (D)
2 (A) (B) (C) (D)
3 (A) (B) (C) (D)
4 (A) (B) (C) (D)
5 (A) (B) (C)
6 (A) (B) (C)
7 (A) (B)
8 (A) (B)
9 (A) (B)
10 (A) (B)

LEGEND

Significant areas of Concrete or Cinderblock/Brick

*Piles are identified by number as labeled

A Approximate Location and Label for samples

October 31, 2014

CTI and Associates, Inc.
Attn: Ms. Dayna Kent
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Dayna Kent,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	**Received**	**Description**
1410306	10/14/2014	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Texas CEQ (#T104704495-14-4); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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Individual sample results relate only to the sample tested.
5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ 616.975.4500 ♦ Fax 616.942.7463 ♦ www.trimatrixlabs.com

PROJECT TECHNICAL NARRATIVE(s)

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Narrative: Surrogate results are unavailable due to positive results in the sample, resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8082A

Sample/Analyte: 1410306-08 8B
1410306-24 4B

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Metals by EPA 1311/6000/7000 Series Methods

Narrative: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit.

Analysis: USEPA-6010C

Sample/Analyte:		
	1410306-11 2C	Cadmium
	1410306-11 2C	Lead
	1410306-24 4B	Arsenic
	1410306-24 4B	Lead

Narrative: This analyte was not present in this sample at a concentration greater than 50 times the MDL, therefore serial dilution is not required.

Analysis: USEPA-6010C

Sample/Analyte:		
	1410306-01 1A	Arsenic
	1410306-01 1A	Chromium
	1410306-11 2C	Arsenic
	1410306-24 4B	Silver

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Narrative: The MS and/or MSD recovery exceeded the upper control limit. The non-spiked sample result for the same analyte was non-detect.

Analysis: USEPA-8270C

Sample/Analyte:			
	1410306-01	1A	3+4-Methylphenol
	1410306-01	1A	Pyridine
	1410306-21	10A	3+4-Methylphenol

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STATEMENT OF DATA QUALIFICATIONS

TCLP Metals by EPA 1311/6000/7000 Series Methods

Qualification:	The MS and/or MSD recovery was outside the laboratory or method control limit.		
Analysis:	USEPA-7470A		
Sample/Analyte:	1410306-01	1A	Mercury

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
*Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:04	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 09:41	KLV	1411384

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 15:14 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1A**	Sampled:	10/09/14 11:00
Lab Sample ID:	**1410306-01**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 10:54 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24019

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*88*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*102*	*38-141*
2-Fluorobiphenyl	*97*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 22:14 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*90*	*45-135*
Tetrachloro-m-xylene	*94*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:19	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:02	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 15:42 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1B**	Sampled:	10/09/14 11:15
Lab Sample ID:	**1410306-02**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 11:24 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24019

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*104*	*38-141*
2-Fluorobiphenyl	*101*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:24	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:06	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 16:11 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1C**	Sampled:	10/09/14 11:30
Lab Sample ID:	**1410306-03**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 16:14 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*96*	*41-132*
2,4,6-Tribromophenol	*95*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:30	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:11	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 16:39 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**1D**	Sampled:	10/09/14 11:45
Lab Sample ID:	**1410306-04**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 16:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*88*	*20-121*
Phenol-d6	*72*	*10-105*
Nitrobenzene-d5	*99*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*96*	*20-142*
o-Terphenyl	*120*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:35	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:23	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 17:07 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*103*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9A**	Sampled:	10/09/14 12:15
Lab Sample ID:	**1410306-05**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 17:15 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*98*	*38-141*
2-Fluorobiphenyl	*98*	*41-132*
2,4,6-Tribromophenol	*95*	*20-142*
o-Terphenyl	*121*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 22:42 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*86*	*45-135*
Tetrachloro-m-xylene	*90*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:54	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:27	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 07:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 17:35 By: DLV
QC Batch:	1411866	Analytical Batch:	4J27009

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**9B**	Sampled:	10/09/14 12:30
Lab Sample ID:	**1410306-06**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 17:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*89*	*20-121*
Phenol-d6	*73*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*91*	*20-142*
o-Terphenyl	*113*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 09:59	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:31	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 21:21 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8A**	Sampled:	10/09/14 13:00
Lab Sample ID:	**1410306-07**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 18:15 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*97*	*38-141*
2-Fluorobiphenyl	*94*	*41-132*
2,4,6-Tribromophenol	*91*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	10	Analyzed:	10/27/14 13:14 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	**1.7**	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	**2.0**	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:04	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:35	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 21:51 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**8B**	Sampled:	10/09/14 13:15
Lab Sample ID:	**1410306-08**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/23/14 18:45 By: JLB
QC Batch:	1411519	Analytical Batch:	4J24020

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*86*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*93*	*38-141*
2-Fluorobiphenyl	*94*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:09	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:39	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 22:19 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2A**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-09**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 09:55 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*99*	*38-141*
2-Fluorobiphenyl	*100*	*41-132*
2,4,6-Tribromophenol	*90*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/23/14 23:37 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*88*	*45-135*
Tetrachloro-m-xylene	*93*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Barium	**0.42**	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:15	CKD	1411623
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:44	KLV	1411384

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 22:50 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2B**	Sampled:	10/09/14 14:00
Lab Sample ID:	**1410306-10**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 10:25 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*98*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*85*	*20-142*
o-Terphenyl	*108*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 10:41	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 10:56	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 23:20 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2C**	Sampled:	10/09/14 14:15
Lab Sample ID:	**1410306-11**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 10:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*85*	*20-121*
Phenol-d6	*70*	*10-105*
Nitrobenzene-d5	*95*	*38-141*
2-Fluorobiphenyl	*96*	*41-132*
2,4,6-Tribromophenol	*83*	*20-142*
o-Terphenyl	*107*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:08	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:25	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/24/14 23:51 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*95*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**2D**	Sampled:	10/09/14 14:30
Lab Sample ID:	**1410306-12**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 11:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*81*	*20-121*
Phenol-d6	*67*	*10-105*
Nitrobenzene-d5	*89*	*38-141*
2-Fluorobiphenyl	*89*	*41-132*
2,4,6-Tribromophenol	*74*	*20-142*
o-Terphenyl	*99*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:14	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:30	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 00:21 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6A**	Sampled:	10/09/14 14:45
Lab Sample ID:	**1410306-13**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 11:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*85*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*84*	*20-142*
o-Terphenyl	*106*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:04 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.35	0.35	
11104-28-2	PCB-1221	<0.35	0.35	
11141-16-5	PCB-1232	<0.35	0.35	
53469-21-9	PCB-1242	<0.35	0.35	
12672-29-6	PCB-1248	<0.35	0.35	
11097-69-1	PCB-1254	<0.35	0.35	
11096-82-5	PCB-1260	<0.35	0.35	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*86*	*45-135*
Tetrachloro-m-xylene	*90*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**95**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:19	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:34	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 00:49 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6B**	Sampled:	10/09/14 15:00
Lab Sample ID:	**1410306-14**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 12:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*86*	*20-121*
Phenol-d6	*70*	*10-105*
Nitrobenzene-d5	*97*	*38-141*
2-Fluorobiphenyl	*103*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*110*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Chromium	**16**	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:24	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:38	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 01:18 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**6C**	Sampled:	10/09/14 15:15
Lab Sample ID:	**1410306-15**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 12:56 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*83*	*20-121*
Phenol-d6	*69*	*10-105*
Nitrobenzene-d5	*93*	*38-141*
2-Fluorobiphenyl	*95*	*41-132*
2,4,6-Tribromophenol	*82*	*20-142*
o-Terphenyl	*104*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:30	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:43	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 01:48 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7A**	Sampled:	10/09/14 15:30
Lab Sample ID:	**1410306-16**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/24/14 13:26 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30032

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*89*	*20-121*
Phenol-d6	*72*	*10-105*
Nitrobenzene-d5	*100*	*38-141*
2-Fluorobiphenyl	*104*	*41-132*
2,4,6-Tribromophenol	*88*	*20-142*
o-Terphenyl	*112*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:32 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*92*	*45-135*
Tetrachloro-m-xylene	*93*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:35	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:47	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 02:19 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**7B**	Sampled:	10/09/14 13:45
Lab Sample ID:	**1410306-17**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 14:18 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*92*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*100*	*38-141*
2-Fluorobiphenyl	*104*	*41-132*
2,4,6-Tribromophenol	*93*	*20-142*
o-Terphenyl	*111*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:40	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 11:51	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 02:47 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5A**	Sampled:	10/09/14 16:00
Lab Sample ID:	**1410306-18**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 14:48 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*87*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*95*	*38-141*
2-Fluorobiphenyl	*99*	*41-132*
2,4,6-Tribromophenol	*87*	*20-142*
o-Terphenyl	*105*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 00:59 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*85*	*45-135*
Tetrachloro-m-xylene	*89*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 11:46	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 12:03	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 03:16 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5B**	Sampled:	10/09/14 16:15
Lab Sample ID:	**1410306-19**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 15:19 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*95*	*20-121*
Phenol-d6	*79*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*122*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*131*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:04	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/21/14 12:07	KLV	1411412

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 03:46 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**5C**	Sampled:	10/09/14 16:30
Lab Sample ID:	**1410306-20**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/20/14 07:25 By: JBA
Dilution Factor:	1	Analyzed:	10/29/14 15:49 By: JLB
QC Batch:	1411519	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*119*	*41-132*
2,4,6-Tribromophenol	*106*	*20-142*
o-Terphenyl	*129*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Barium	**0.39**	0.35	100	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:09	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 12:59	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 04:16 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*103*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10A**	Sampled:	10/10/14 09:00
Lab Sample ID:	**1410306-21**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 16:19 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*98*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*111*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*99*	*20-142*
o-Terphenyl	*124*	*39-148*

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ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/24/14 01:26 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27047

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*78*	*45-135*
Tetrachloro-m-xylene	*81*	*56-123*

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ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:15	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:02	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 04:47 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**10B**	Sampled:	10/10/14 09:15
Lab Sample ID:	**1410306-22**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 16:49 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*82*	*10-105*
Nitrobenzene-d5	*108*	*38-141*
2-Fluorobiphenyl	*105*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*121*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:20	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:06	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 05:17 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4A**	Sampled:	10/10/14 09:45
Lab Sample ID:	**1410306-23**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 17:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*114*	*38-141*
2-Fluorobiphenyl	*114*	*41-132*
2,4,6-Tribromophenol	*94*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	10	Analyzed:	10/27/14 13:44 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	**1.2**	0.34	
11096-82-5	PCB-1260	**1.9**	0.34	

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:26	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:09	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/24/14 19:00 By: DLV
Dilution Factor:	100	Analyzed:	10/25/14 05:48 By: DLV
QC Batch:	1411867	Analytical Batch:	4J27010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4B**	Sampled:	10/10/14 10:00
Lab Sample ID:	**1410306-24**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 17:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*108*	*38-141*
2-Fluorobiphenyl	*106*	*41-132*
2,4,6-Tribromophenol	*99*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:31	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:33	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 12:33 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*98*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4C**	Sampled:	10/10/14 10:15
Lab Sample ID:	**1410306-25**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 18:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*99*	*20-121*
Phenol-d6	*82*	*10-105*
Nitrobenzene-d5	*112*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*102*	*20-142*
o-Terphenyl	*122*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:37	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:37	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:01 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**4D**	Sampled:	10/10/14 10:30
Lab Sample ID:	**1410306-26**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 18:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*102*	*20-121*
Phenol-d6	*84*	*10-105*
Nitrobenzene-d5	*115*	*38-141*
2-Fluorobiphenyl	*116*	*41-132*
2,4,6-Tribromophenol	*103*	*20-142*
o-Terphenyl	*123*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Barium	**0.41**	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:42	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:40	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:30 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3A**	Sampled:	10/10/14 11:00
Lab Sample ID:	**1410306-27**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 19:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*101*	*20-121*
Phenol-d6	*81*	*10-105*
Nitrobenzene-d5	*110*	*38-141*
2-Fluorobiphenyl	*115*	*41-132*
2,4,6-Tribromophenol	*100*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/kg dry	Prepared:	10/20/14 07:23 By: ALK
Dilution Factor:	1	Analyzed:	10/27/14 14:18 By: MSZ
QC Batch:	1411517	Analytical Batch:	4J27059

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.34	0.34	
11104-28-2	PCB-1221	<0.34	0.34	
11141-16-5	PCB-1232	<0.34	0.34	
53469-21-9	PCB-1242	<0.34	0.34	
12672-29-6	PCB-1248	<0.34	0.34	
11097-69-1	PCB-1254	<0.34	0.34	
11096-82-5	PCB-1260	<0.34	0.34	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*90*	*45-135*
Tetrachloro-m-xylene	*95*	*56-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1		%	1	USEPA-3550C	10/20/14 11:15	KLA	1411532

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:48	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:44	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 13:58 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3B**	Sampled:	10/10/14 11:15
Lab Sample ID:	**1410306-28**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 19:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*113*	*38-141*
2-Fluorobiphenyl	*115*	*41-132*
2,4,6-Tribromophenol	*102*	*20-142*
o-Terphenyl	*127*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 12:57	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:47	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 14:26 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3C**	Sampled:	10/10/14 11:30
Lab Sample ID:	**1410306-29**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 20:20 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*83*	*10-105*
Nitrobenzene-d5	*111*	*38-141*
2-Fluorobiphenyl	*117*	*41-132*
2,4,6-Tribromophenol	*103*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	10/23/14 13:16	CKD	1411627
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	10/23/14 13:50	KLV	1411580

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/27/14 09:00 By: DLV
Dilution Factor:	100	Analyzed:	10/27/14 14:55 By: DLV
QC Batch:	1411949	Analytical Batch:	4J28008

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1410306**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**3D**	Sampled:	10/10/14 11:45
Lab Sample ID:	**1410306-30**	Sampled By:	Dayna Kent/Erin Hobbs
Matrix:	Concrete	Received:	10/14/14 17:15
Unit:	mg/L	Prepared:	10/21/14 09:02 By: ALK
Dilution Factor:	1	Analyzed:	10/29/14 20:50 By: JLB
QC Batch:	1411598	Analytical Batch:	4J30034

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*20-121*
Phenol-d6	*84*	*10-105*
Nitrobenzene-d5	*118*	*38-141*
2-Fluorobiphenyl	*121*	*41-132*
2,4,6-Tribromophenol	*105*	*20-142*
o-Terphenyl	*126*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411517 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	10/23/2014	By: MSZ	
Unit: mg/kg wet					Analytical Batch:	4J27047		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33					0.33
Surrogates:								
Decachlorobiphenyl				*90*	*45-135*			
Tetrachloro-m-xylene				*90*	*56-123*			
Laboratory Control Sample					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg wet					Analytical Batch:	4J27047		
PCB-1016		0.204	**0.178**	87	68-129	--		0.33
PCB-1260		0.204	**0.203**	99	60-140	--		0.33
Surrogates:								
Decachlorobiphenyl				*93*	*45-135*			
Tetrachloro-m-xylene				*95*	*56-123*			
Matrix Spike 1410306-06 9B					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg dry					Analytical Batch:	4J27047		
PCB-1016	<0.34	0.209	**0.239**	114	49-128	--		0.34
PCB-1260	0.0104	0.209	**0.206**	94	48-138	--		0.34
Surrogates:								
Decachlorobiphenyl				*86*	*45-135*			
Tetrachloro-m-xylene				*89*	*56-123*			
Matrix Spike Duplicate 1410306-06 9B					Analyzed:	10/24/2014	By: MSZ	
Unit: mg/kg dry					Analytical Batch:	4J27047		
PCB-1016	<0.34	0.209	**0.250**	120	49-128	5	30	0.34
PCB-1260	0.0104	0.209	**0.207**	94	48-138	0.6	30	0.34
Surrogates:								
Decachlorobiphenyl				*86*	*45-135*			
Tetrachloro-m-xylene				*89*	*56-123*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411866 5030B MS TCLP/USEPA-8260B

Method Blank — Analyzed: 10/24/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27009

Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank — Analyzed: 10/24/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27009

Surrogates:								
Dibromofluoromethane				*97*	*79-124*			
1,2-Dichloroethane-d4				*98*	*75-128*			
Toluene-d8				*96*	*87-113*			
4-Bromofluorobenzene				*94*	*70-121*			

Laboratory Control Sample — Analyzed: 10/24/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27009

Benzene		4.00	**4.03**	101	77-122	--		0.10
Carbon Tetrachloride		4.00	**3.76**	94	77-132	--		0.10
Chlorobenzene		4.00	**3.93**	98	76-128	--		0.10
Chloroform		4.00	**3.94**	98	78-127	--		0.10
1,2-Dichloroethane		4.00	**3.90**	97	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.03**	101	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.03**	101	32-178	--		5.0
Tetrachloroethene		4.00	**4.14**	103	78-131	--		0.10
Trichloroethene		4.00	**4.06**	101	72-129	--		0.10
Vinyl Chloride		4.00	**4.05**	101	66-139	--		0.10

Laboratory Control Sample — Analyzed: 10/24/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27009

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411866 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 10/24/2014 By: DLV
Unit: ug/L Analytical Batch: 4J27009

Surrogates:			
Dibromofluoromethane		*101*	*79-124*
1,2-Dichloroethane-d4		*97*	*75-128*
Toluene-d8		*101*	*87-113*
4-Bromofluorobenzene		*99*	*70-121*

QC Batch: 1411867 5030B MS TCLP/USEPA-8260B

Method Blank Analyzed: 10/24/2014 By: DLV
Unit: mg/L Analytical Batch: 4J27010

Benzene	<0.10	--	0.10
Carbon Tetrachloride	<0.10		0.10
Chlorobenzene	<0.10	--	0.10
Chloroform	<0.10		0.10
1,2-Dichloroethane	<0.10	--	0.10
1,1-Dichloroethene	<0.10		0.10
2-Butanone (MEK)	<5.0	--	5.0
Tetrachloroethene	<0.10		0.10
Trichloroethene	<0.10		0.10
Vinyl Chloride	<0.10		0.10

Method Blank Analyzed: 10/24/2014 By: DLV
Unit: ug/L Analytical Batch: 4J27010

Surrogates:			
Dibromofluoromethane		*96*	*79-124*
1,2-Dichloroethane-d4		*97*	*75-128*
Toluene-d8		*96*	*87-113*
4-Bromofluorobenzene		*95*	*70-121*

Laboratory Control Sample Analyzed: 10/24/2014 By: DLV
Unit: mg/L Analytical Batch: 4J27010

Benzene	4.00	**4.20**	105	77-122	--		0.10
Carbon Tetrachloride	4.00	**3.90**	98	77-132	--		0.10
Chlorobenzene	4.00	**4.06**	102	76-128	--		0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411867 (Continued) 5030B MS TCLP/USEPA-8260B								
Laboratory Control Sample (Continued)					Analyzed:	10/24/2014	By: DLV	
Unit: mg/L					Analytical Batch:	4J27010		
Chloroform		4.00	**4.09**	102	78-127	--		0.10
1,2-Dichloroethane		4.00	**4.01**	100	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.18**	105	71-129	--		0.10
2-Butanone (MEK)		4.00	**3.88**	97	32-178	--		5.0
Tetrachloroethene		4.00	**4.34**	108	78-131	--		0.10
Trichloroethene		4.00	**4.51**	113	72-129	--		0.10
Vinyl Chloride		4.00	**4.26**	106	66-139	--		0.10
Laboratory Control Sample					Analyzed:	10/24/2014	By: DLV	
Unit: ug/L					Analytical Batch:	4J27010		
Surrogates:								
Dibromofluoromethane				*101*	*79-124*			
1,2-Dichloroethane-d4				*97*	*75-128*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*100*	*70-121*			
Matrix Spike 1410306-24 4B					Analyzed:	10/25/2014	By: DLV	
Unit: mg/L					Analytical Batch:	4J27010		
Benzene	<0.10	4.00	**4.14**	104	71-124	--		0.10
Carbon Tetrachloride	<0.10	4.00	**3.85**	96	58-141	--		0.10
Chlorobenzene	<0.10	4.00	**3.97**	99	79-121	--		0.10
Chloroform	<0.10	4.00	**4.05**	101	72-125	--		0.10
1,2-Dichloroethane	<0.10	4.00	**4.06**	101	62-131	--		0.10
1,1-Dichloroethene	<0.10	4.00	**4.10**	102	59-135	--		0.10
2-Butanone (MEK)	<5.0	4.00	**3.65**	91	10-183	--		5.0
Tetrachloroethene	<0.10	4.00	**4.02**	101	65-138	--		0.10
Trichloroethene	<0.10	4.00	**4.07**	102	64-133	--		0.10
Vinyl Chloride	<0.10	4.00	**4.11**	103	50-141	--		0.10
Matrix Spike 1410306-24 4B					Analyzed:	10/25/2014	By: DLV	
Unit: ug/L					Analytical Batch:	4J27010		
Surrogates:								
Dibromofluoromethane				*103*	*79-124*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411867 (Continued) 5030B MS TCLP/USEPA-8260B

Matrix Spike (Continued) 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27010

Surrogates (Continued):

1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*103*	*87-113*
4-Bromofluorobenzene	*103*	*70-121*

Matrix Spike Duplicate 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J27010

Benzene	<0.10	4.00	**4.22**	106	71-124	2	16	0.10
Carbon Tetrachloride	<0.10	4.00	**3.98**	100	58-141	4	17	0.10
Chlorobenzene	<0.10	4.00	**4.03**	101	79-121	2	16	0.10
Chloroform	<0.10	4.00	**4.11**	103	72-125	1	15	0.10
1,2-Dichloroethane	<0.10	4.00	**4.02**	101	62-131	0.8	18	0.10
1,1-Dichloroethene	<0.10	4.00	**4.27**	107	59-135	4	20	0.10
2-Butanone (MEK)	<5.0	4.00	**3.69**	92	10-183	1	20	5.0
Tetrachloroethene	<0.10	4.00	**4.21**	105	65-138	4	17	0.10
Trichloroethene	<0.10	4.00	**4.20**	105	64-133	3	18	0.10
Vinyl Chloride	<0.10	4.00	**4.39**	110	50-141	7	22	0.10

Matrix Spike Duplicate 1410306-24 4B — Analyzed: 10/25/2014 By: DLV
Unit: ug/L — Analytical Batch: 4J27010

Surrogates:

Dibromofluoromethane	*101*	*79-124*
1,2-Dichloroethane-d4	*97*	*75-128*
Toluene-d8	*102*	*87-113*
4-Bromofluorobenzene	*101*	*70-121*

QC Batch: 1411949 5030B MS TCLP/USEPA-8260B

Method Blank — Analyzed: 10/27/2014 By: DLV
Unit: mg/L — Analytical Batch: 4J28008

Benzene	<0.10		0.10
Carbon Tetrachloride	<0.10		0.10
Chlorobenzene	<0.10		0.10
Chloroform	<0.10	--	0.10
1,2-Dichloroethane	<0.10		0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

QC Batch: 1411949 (Continued) 5030B MS TCLP/USEPA-8260B

Method Blank (Continued) Analyzed: 10/27/2014 By: DLV
Unit: mg/L Analytical Batch: 4J28008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank Analyzed: 10/27/2014 By: DLV
Unit: ug/L Analytical Batch: 4J28008

Surrogates:		
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*96*	*75-128*
Toluene-d8	*96*	*87-113*
4-Bromofluorobenzene	*93*	*70-121*

Laboratory Control Sample Analyzed: 10/27/2014 By: DLV
Unit: mg/L Analytical Batch: 4J28008

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		4.00	**4.13**	103	77-122	--		0.10
Carbon Tetrachloride		4.00	**3.97**	99	77-132	--		0.10
Chlorobenzene		4.00	**3.98**	100	76-128	--		0.10
Chloroform		4.00	**3.99**	100	78-127	--		0.10
1,2-Dichloroethane		4.00	**3.85**	96	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.22**	105	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.16**	104	32-178	--		5.0
Tetrachloroethene		4.00	**4.25**	106	78-131	--		0.10
Trichloroethene		4.00	**4.28**	107	72-129	--		0.10
Vinyl Chloride		4.00	**4.27**	107	66-139	--		0.10

Laboratory Control Sample Analyzed: 10/27/2014 By: DLV
Unit: ug/L Analytical Batch: 4J28008

Surrogates:		
Dibromofluoromethane	*100*	*79-124*
1,2-Dichloroethane-d4	*95*	*75-128*
Toluene-d8	*101*	*87-113*

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1411949 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 10/27/2014 By: DLV

Unit: ug/L Analytical Batch: 4J28008

Surrogates (Continued):

4-Bromofluorobenzene	*99*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1411519 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 10/23/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J24019

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0			--		1.0
Pentachlorophenol			<1.5			--		1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*78*	*20-121*			
Phenol-d6				*63*	*10-105*			
Nitrobenzene-d5				*90*	*38-141*			
2-Fluorobiphenyl				*88*	*41-132*			
2,4,6-Tribromophenol				*79*	*20-142*			
o-Terphenyl				*96*	*39-148*			

Laboratory Control Sample — Analyzed: 10/23/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J24019

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.88**	94	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.80**	90	42-125	--		0.10
Hexachlorobenzene		2.00	**1.96**	98	26-141	--		0.10
Hexachlorobutadiene		2.00	**1.81**	90	39-120	--		0.10
Hexachloroethane		2.00	**1.88**	94	34-125	--		0.20
Nitrobenzene		2.00	**1.97**	98	52-129	--		0.20
Pyridine		2.00	**1.51**	76	5-120	--		1.0
Pentachlorophenol		2.00	**1.63**	82	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**2.00**	100	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**1.99**	99	36-137	--		0.60

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1411519 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C								
Laboratory Control Sample (Continued)					Analyzed:		10/23/2014	By: JLB
Unit: mg/L					Analytical Batch:		4J24019	
2-Methylphenol		2.00	**1.93**	97	37-125	--		0.20
3+4-Methylphenol		4.00	**3.92**	98	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*92*	*20-121*			
Phenol-d6				*77*	*10-105*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*100*	*41-132*			
2,4,6-Tribromophenol				*98*	*20-142*			
o-Terphenyl				*110*	*39-148*			
Matrix Spike 1410306-01 1A					Analyzed:		10/29/2014	By: JLB
Unit: mg/L					Analytical Batch:		4J30034	
1,4-Dichlorobenzene	<0.20	2.00	**2.12**	106	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.91**	95	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.21**	110	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.97**	98	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**2.14**	107	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.20**	110	48-135	--		0.20
Pyridine	<1.0	2.00	**1.98**	**99**	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**1.88**	94	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.33**	116	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.28**	114	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**2.22**	111	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**4.43**	**111**	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*104*	*20-121*			
Phenol-d6				*88*	*10-105*			
Nitrobenzene-d5				*116*	*38-141*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411519 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1410306-01 1A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
2-Fluorobiphenyl				*115*	*41-132*			
2,4,6-Tribromophenol				*108*	*20-142*			
o-Terphenyl				*127*	*39-148*			

Matrix Spike Duplicate 1410306-01 1A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.08**	104	45-128	2	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.92**	96	41-130	0.4	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.20**	110	45-135	0.4	17	0.10
Hexachlorobutadiene	<0.10	2.00	**1.98**	99	33-107	0.6	20	0.10
Hexachloroethane	<0.20	2.00	**2.13**	107	46-134	0.6	19	0.20
Nitrobenzene	<0.20	2.00	**2.17**	109	48-135	1	16	0.20
Pyridine	<1.0	2.00	**1.76**	88	27-96	12	20	1.0
Pentachlorophenol	<1.5	2.00	**1.91**	96	42-106	2	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.32**	116	31-133	0.3	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.29**	114	35-132	0.3	25	0.60
2-Methylphenol	<0.20	2.00	**2.19**	109	38-118	1	20	0.20
3+4-Methylphenol	<0.20	4.00	**4.37**	**109**	26-89	1	37	0.20
Surrogates:								
2-Fluorophenol				*103*	*20-121*			
Phenol-d6				*85*	*10-105*			
Nitrobenzene-d5				*114*	*38-141*			
2-Fluorobiphenyl				*114*	*41-132*			
2,4,6-Tribromophenol				*110*	*20-142*			
o-Terphenyl				*128*	*39-148*			

QC Batch: 1411598 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Result	RPD	RL
1,4-Dichlorobenzene	<0.20	--	0.20
2,4-Dinitrotoluene	<0.10	--	0.10

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank (Continued) — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Hexachlorobenzene			<0.10			--		0.10
Hexachlorobutadiene			<0.10			--		0.10
Hexachloroethane			<0.20			--		0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0			--		1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20			--		0.20
2,4,5-Trichlorophenol			<0.60			--		0.60
2-Methylphenol			<0.20			--		0.20
3+4-Methylphenol			<0.20			--		0.20
Surrogates:								
2-Fluorophenol				*89*	*20-121*			
Phenol-d6				*73*	*10-105*			
Nitrobenzene-d5				*102*	*38-141*			
2-Fluorobiphenyl				*103*	*41-132*			
2,4,6-Tribromophenol				*88*	*20-142*			
o-Terphenyl				*107*	*39-148*			

Laboratory Control Sample — Analyzed: 10/24/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.84**	92	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.48**	74	42-125	--		0.10
Hexachlorobenzene		2.00	**2.02**	101	26-141	--		0.10
Hexachlorobutadiene		2.00	**1.74**	87	39-120	--		0.10
Hexachloroethane		2.00	**1.74**	87	34-125	--		0.20
Nitrobenzene		2.00	**1.87**	94	52-129	--		0.20
Pyridine		2.00	**1.49**	74	5-120	--		1.0
Pentachlorophenol		2.00	**1.01**	51	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**1.85**	93	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**1.80**	90	36-137	--		0.60
2-Methylphenol		2.00	**1.86**	93	37-125	--		0.20
3+4-Methylphenol		4.00	**3.73**	93	45-125	--		0.20

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 10/24/2014 By: JLB
Unit: mg/L Analytical Batch: 4J30032

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
2-Fluorophenol				*87*	*20-121*			
Phenol-d6				*73*	*10-105*			
Nitrobenzene-d5				*98*	*38-141*			
2-Fluorobiphenyl				*98*	*41-132*			
2,4,6-Tribromophenol				*94*	*20-142*			
o-Terphenyl				*103*	*39-148*			

Matrix Spike 1410306-21 10A Analyzed: 10/29/2014 By: JLB
Unit: mg/L Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.02**	101	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.92**	96	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.17**	108	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.89**	95	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**2.07**	104	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.16**	108	48-135	--		0.20
Pyridine	<1.0	2.00	**1.62**	81	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**1.97**	98	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.24**	112	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.24**	112	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**2.17**	108	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**4.38**	**109**	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*100*	*20-121*			
Phenol-d6				*86*	*10-105*			
Nitrobenzene-d5				*112*	*38-141*			
2-Fluorobiphenyl				*111*	*41-132*			
2,4,6-Tribromophenol				*105*	*20-142*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1411598 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1410306-21 10A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
o-Terphenyl				*120*	*39-148*			

Matrix Spike Duplicate 1410306-21 10A — Analyzed: 10/29/2014 By: JLB
Unit: mg/L — Analytical Batch: 4J30034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.01**	100	45-128	0.7	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.87**	93	41-130	3	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.10**	105	45-135	3	17	0.10
Hexachlorobutadiene	<0.10	2.00	**1.93**	97	33-107	2	20	0.10
Hexachloroethane	<0.20	2.00	**2.05**	103	46-134	1	19	0.20
Nitrobenzene	<0.20	2.00	**2.18**	109	48-135	0.9	16	0.20
Pyridine	<1.0	2.00	**1.37**	68	27-96	17	20	1.0
Pentachlorophenol	<1.5	2.00	**1.88**	94	42-106	5	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.26**	113	31-133	1	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.24**	112	35-132	0	25	0.60
2-Methylphenol	<0.20	2.00	**2.17**	108	38-118	0.09	20	0.20
3+4-Methylphenol	<0.20	4.00	**4.34**	**109**	26-89	0.8	37	0.20
Surrogates:								
2-Fluorophenol				*101*	*20-121*			
Phenol-d6				*86*	*10-105*			
Nitrobenzene-d5				*113*	*38-141*			
2-Fluorobiphenyl				*112*	*41-132*			
2,4,6-Tribromophenol				*102*	*20-142*			
o-Terphenyl				*119*	*39-148*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Percent Solids/USEPA-3550C									
QC Batch: 1411532 (General Inorganic Prep)							Analyzed: 10/20/2014		By: KLA
Method Blank			<0.1	%					0.1
1410306-02 [1B]									
Duplicate	97		**97**	%			0.7	5	0.1

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**1.95**	mg/L	98	80-120			0.50
1410306-01 [1A]									
Matrix Spike	0.119	2.00	**2.14**	mg/L	101	75-125			0.50
Matrix Spike Duplicate	0.119	2.00	**2.07**	mg/L	97	75-125	3	20	0.50
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**2.01**	mg/L	100	80-120			0.50
1410306-11 [2C]									
Matrix Spike	0.118	2.00	**1.80**	mg/L	84	75-125			0.50
Matrix Spike Duplicate	0.118	2.00	**1.90**	mg/L	89	75-125	5	20	0.50
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.00**	mg/L	100	80-120			0.20
1410306-24 [4B]									
Matrix Spike	<0.20	2.00	**1.47**	mg/L	**74**	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.64**	mg/L	82	75-125	11	20	0.20
Analyte: Barium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.371**	mg/L	93	80-120			0.35
1410306-01 [1A]									
Matrix Spike	0.280	0.400	**0.700**	mg/L	105	75-125			0.35
Matrix Spike Duplicate	0.280	0.400	**0.660**	mg/L	95	75-125	6	20	0.35
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.386**	mg/L	97	80-120			0.35

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Barium/USEPA-6010C (Continued)									
QC Batch: 1411412 (Continued) (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-11 [2C]									
Matrix Spike	0.300	0.400	**0.629**	mg/L	82	75-125			0.35
Matrix Spike Duplicate	0.300	0.400	**0.651**	mg/L	88	75-125	3	20	0.35
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		0.400	**0.381**	mg/L	95	80-120			0.20
1410306-24 [4B]									
Matrix Spike	0.222	0.400	**0.535**	mg/L	78	75-125			0.20
Matrix Spike Duplicate	0.222	0.400	**0.558**	mg/L	84	75-125	4	20	0.20
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.365**	mg/L	91	80-120			0.050
1410306-01 [1A]									
Matrix Spike	0.00998	0.400	**0.360**	mg/L	88	75-125			0.050
Matrix Spike Duplicate	0.00998	0.400	**0.353**	mg/L	86	75-125	2	20	0.050
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.380**	mg/L	95	80-120			0.050
1410306-11 [2C]									
Matrix Spike	0.00477	0.400	**0.299**	mg/L	**74**	75-125			0.050
Matrix Spike Duplicate	0.00477	0.400	**0.320**	mg/L	79	75-125	7	20	0.050
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.010	mg/L					0.010
Laboratory Control Sample		0.400	**0.383**	mg/L	96	80-120			0.010
1410306-24 [4B]									
Matrix Spike	0.00730	0.400	**0.323**	mg/L	79	75-125			0.010
Matrix Spike Duplicate	0.00730	0.400	**0.360**	mg/L	88	75-125	11	20	0.010

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Chromium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.369**	mg/L	92	80-120			0.25
1410306-01 [1A]									
Matrix Spike	0.0162	0.400	**0.385**	mg/L	92	75-125			0.25
Matrix Spike Duplicate	0.0162	0.400	**0.374**	mg/L	89	75-125	3	20	0.25
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.380**	mg/L	95	80-120			0.25
1410306-11 [2C]									
Matrix Spike	0.00593	0.400	**0.308**	mg/L	75	75-125			0.25
Matrix Spike Duplicate	0.00593	0.400	**0.332**	mg/L	82	75-125	8	20	0.25
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.080	mg/L					0.080
Laboratory Control Sample		0.400	**0.382**	mg/L	95	80-120			0.080
1410306-24 [4B]									
Matrix Spike	0.0233	0.400	**0.345**	mg/L	80	75-125			0.080
Matrix Spike Duplicate	0.0233	0.400	**0.378**	mg/L	89	75-125	9	20	0.080
Analyte: Lead/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.360**	mg/L	90	80-120			0.25
1410306-01 [1A]									
Matrix Spike	<0.25	0.400	**0.347**	mg/L	87	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.331**	mg/L	83	75-125	5	20	0.25
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.368**	mg/L	92	80-120			0.25

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1411412 (Continued) (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-11 [2C]									
Matrix Spike	<0.25	0.400	**0.285**	mg/L	**71**	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.303**	mg/L	76	75-125	6	20	0.25
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.10	mg/L					0.10
Laboratory Control Sample		0.400	**0.372**	mg/L	93	80-120			0.10
1410306-24 [4B]									
Matrix Spike	<0.10	0.400	**0.277**	mg/L	**69**	75-125			0.10
Matrix Spike Duplicate	<0.10	0.400	**0.306**	mg/L	76	75-125	10	20	0.10
Analyte: Mercury/USEPA-7470A									
QC Batch: 1411623 (7470A TCLP Digestion)							Analyzed: 10/23/2014		By: CKD
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00211**	mg/L	105	80-120			0.00020
1410306-01 [1A]									
Matrix Spike	<0.00020	0.00200	**0.00131**	mg/L	**65**	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00135**	mg/L	**67**	80-120	3	20	0.00020
QC Batch: 1411627 (7470A TCLP Digestion)							Analyzed: 10/23/2014		By: CKD
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00206**	mg/L	103	80-120			0.00020
1410306-11 [2C]									
Matrix Spike	<0.00020	0.00200	**0.00194**	mg/L	97	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00188**	mg/L	94	80-120	3	20	0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**1.96**	mg/L	98	80-120			0.20
1410306-01 [1A]									
Matrix Spike	<0.20	2.00	**2.02**	mg/L	101	75-125			0.20

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Selenium/USEPA-6010C (Continued)									
QC Batch: 1411384 (Continued) (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
1410306-01 [1A]									
Matrix Spike Duplicate	<0.20	2.00	**1.91**	mg/L	95	75-125	6	20	0.20
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.01**	mg/L	100	80-120			0.20
1410306-11 [2C]									
Matrix Spike	<0.20	2.00	**1.67**	mg/L	84	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.73**	mg/L	86	75-125	3	20	0.20
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.03**	mg/L	102	80-120			0.20
1410306-24 [4B]									
Matrix Spike	<0.20	2.00	**1.56**	mg/L	78	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.77**	mg/L	88	75-125	13	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1411384 (3010A SPLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.383**	mg/L	96	80-120			0.050
1410306-01 [1A]									
Matrix Spike	<0.050	0.400	**0.412**	mg/L	103	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.399**	mg/L	100	75-125	3	20	0.050
QC Batch: 1411412 (3010A TCLP Digestion)							Analyzed: 10/21/2014		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.388**	mg/L	97	80-120			0.050
1410306-11 [2C]									
Matrix Spike	<0.050	0.400	**0.321**	mg/L	80	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.347**	mg/L	87	75-125	8	20	0.050
QC Batch: 1411580 (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Method Blank			<0.010	mg/L					0.010

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Silver/USEPA-6010C (Continued)									
QC Batch: 1411580 (Continued) (3010A TCLP Digestion)							Analyzed: 10/23/2014		By: KLV
Laboratory Control Sample		0.400	**0.389**	mg/L	97	80-120			0.010
1410306-24 [4B]									
Matrix Spike	0.0247	0.400	**0.353**	mg/L	82	75-125			0.010
Matrix Spike Duplicate	0.0247	0.400	**0.386**	mg/L	90	75-125	9	20	0.010

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (SPLP)	1410306-01	1411384	MAS	10/16/14 07:00
	1410306-02	1411384	MAS	10/16/14 07:00
	1410306-03	1411384	MAS	10/16/14 07:00
	1410306-04	1411384	MAS	10/16/14 07:00
	1410306-05	1411384	MAS	10/16/14 07:00
	1410306-06	1411384	MAS	10/16/14 07:00
	1410306-07	1411384	MAS	10/16/14 07:00
	1410306-08	1411384	MAS	10/16/14 07:00
	1410306-09	1411384	MAS	10/16/14 07:00
	1410306-10	1411384	MAS	10/16/14 07:00
USEPA-3010A Metals Digestion (TCLP)	1410306-11	1411412	MAS	10/17/14 07:00
	1410306-12	1411412	MAS	10/17/14 07:00
	1410306-13	1411412	MAS	10/17/14 07:00
	1410306-14	1411412	MAS	10/17/14 07:00
	1410306-15	1411412	MAS	10/17/14 07:00
	1410306-16	1411412	MAS	10/17/14 07:00
	1410306-17	1411412	MAS	10/17/14 07:00
	1410306-18	1411412	MAS	10/17/14 07:00
	1410306-19	1411412	MAS	10/17/14 07:00
	1410306-20	1411412	MAS	10/17/14 07:00
	1410306-21	1411580	MAS	10/21/14 07:00
	1410306-22	1411580	MAS	10/21/14 07:00
	1410306-23	1411580	MAS	10/21/14 07:00
	1410306-24	1411580	MAS	10/21/14 07:00
	1410306-25	1411580	MAS	10/21/14 07:00
	1410306-26	1411580	MAS	10/21/14 07:00
	1410306-27	1411580	MAS	10/21/14 07:00
	1410306-28	1411580	MAS	10/21/14 07:00
	1410306-29	1411580	MAS	10/21/14 07:00
	1410306-30	1411580	MAS	10/21/14 07:00
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1410306-01	1411519	JBA	10/20/14 07:25
	1410306-02	1411519	JBA	10/20/14 07:25
	1410306-03	1411519	JBA	10/20/14 07:25
	1410306-04	1411519	JBA	10/20/14 07:25
	1410306-05	1411519	JBA	10/20/14 07:25
	1410306-06	1411519	JBA	10/20/14 07:25
	1410306-07	1411519	JBA	10/20/14 07:25
	1410306-08	1411519	JBA	10/20/14 07:25
	1410306-09	1411519	JBA	10/20/14 07:25
	1410306-10	1411519	JBA	10/20/14 07:25
	1410306-11	1411519	JBA	10/20/14 07:25
	1410306-12	1411519	JBA	10/20/14 07:25
	1410306-13	1411519	JBA	10/20/14 07:25

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Individual sample results relate only to the sample tested.

TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-14	1411519	JBA	10/20/14 07:25
	1410306-15	1411519	JBA	10/20/14 07:25
	1410306-16	1411519	JBA	10/20/14 07:25
	1410306-17	1411519	JBA	10/20/14 07:25
	1410306-18	1411519	JBA	10/20/14 07:25
	1410306-19	1411519	JBA	10/20/14 07:25
	1410306-20	1411519	JBA	10/20/14 07:25
	1410306-21	1411598	ALK	10/21/14 09:02
	1410306-22	1411598	ALK	10/21/14 09:02
	1410306-23	1411598	ALK	10/21/14 09:02
	1410306-24	1411598	ALK	10/21/14 09:02
	1410306-25	1411598	ALK	10/21/14 09:02
	1410306-26	1411598	ALK	10/21/14 09:02
	1410306-27	1411598	ALK	10/21/14 09:02
	1410306-28	1411598	ALK	10/21/14 09:02
	1410306-29	1411598	ALK	10/21/14 09:02
	1410306-30	1411598	ALK	10/21/14 09:02
USEPA-3545A Pressurized Fluid Extraction (PFE)	1410306-02	1411517	ALK	10/20/14 07:23
	1410306-06	1411517	ALK	10/20/14 07:23
	1410306-08	1411517	ALK	10/20/14 07:23
	1410306-10	1411517	ALK	10/20/14 07:23
	1410306-14	1411517	ALK	10/20/14 07:23
	1410306-17	1411517	ALK	10/20/14 07:23
	1410306-19	1411517	ALK	10/20/14 07:23
	1410306-22	1411517	ALK	10/20/14 07:23
	1410306-24	1411517	ALK	10/20/14 07:23
	1410306-28	1411517	ALK	10/20/14 07:23
USEPA-3665A/3660B Sulfuric Acid/Sulfur Cleanup	1410306-02	4J20080	JBA	10/20/14 15:45
	1410306-06	4J20080	JBA	10/20/14 15:45
	1410306-08	4J20080	JBA	10/20/14 15:45
	1410306-10	4J20080	JBA	10/20/14 15:45
	1410306-14	4J20080	JBA	10/20/14 15:45
	1410306-17	4J20080	JBA	10/20/14 15:45
	1410306-19	4J20080	JBA	10/20/14 15:45
	1410306-22	4J20080	JBA	10/20/14 15:45
	1410306-24	4J20080	JBA	10/20/14 15:45
	1410306-28	4J20080	JBA	10/20/14 15:45
USEPA-7470A Mercury Digestion (TCLP)	1410306-01	1411623	MAS	10/22/14 13:00
	1410306-02	1411623	MAS	10/22/14 13:00
	1410306-03	1411623	MAS	10/22/14 13:00
	1410306-04	1411623	MAS	10/22/14 13:00
	1410306-05	1411623	MAS	10/22/14 13:00
	1410306-06	1411623	MAS	10/22/14 13:00

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-07	1411623	MAS	10/22/14 13:00
	1410306-08	1411623	MAS	10/22/14 13:00
	1410306-09	1411623	MAS	10/22/14 13:00
	1410306-10	1411623	MAS	10/22/14 13:00
	1410306-11	1411627	MAS	10/22/14 13:00
	1410306-12	1411627	MAS	10/22/14 13:00
	1410306-13	1411627	MAS	10/22/14 13:00
	1410306-14	1411627	MAS	10/22/14 13:00
	1410306-15	1411627	MAS	10/22/14 13:00
	1410306-16	1411627	MAS	10/22/14 13:00
	1410306-17	1411627	MAS	10/22/14 13:00
	1410306-18	1411627	MAS	10/22/14 13:00
	1410306-19	1411627	MAS	10/22/14 13:00
	1410306-20	1411627	MAS	10/22/14 13:00
	1410306-21	1411627	MAS	10/22/14 13:00
	1410306-22	1411627	MAS	10/22/14 13:00
	1410306-23	1411627	MAS	10/22/14 13:00
	1410306-24	1411627	MAS	10/22/14 13:00
	1410306-25	1411627	MAS	10/22/14 13:00
	1410306-26	1411627	MAS	10/22/14 13:00
	1410306-27	1411627	MAS	10/22/14 13:00
	1410306-28	1411627	MAS	10/22/14 13:00
	1410306-29	1411627	MAS	10/22/14 13:00
	1410306-30	1411627	MAS	10/22/14 13:00
USEPA-1311 TCLP Extraction (Metals)	1410306-01	1411380	MAS	10/15/14 13:30
	1410306-02	1411380	MAS	10/15/14 13:30
	1410306-03	1411380	MAS	10/15/14 13:30
	1410306-04	1411380	MAS	10/15/14 13:30
	1410306-05	1411380	MAS	10/15/14 13:30
	1410306-06	1411380	MAS	10/15/14 13:30
	1410306-07	1411380	MAS	10/15/14 13:30
	1410306-08	1411380	MAS	10/15/14 13:30
	1410306-09	1411380	MAS	10/15/14 13:30
	1410306-10	1411380	MAS	10/15/14 13:30
	1410306-11	1411401	MAS	10/16/14 13:00
	1410306-12	1411401	MAS	10/16/14 13:00
	1410306-13	1411401	MAS	10/16/14 13:00
	1410306-14	1411401	MAS	10/16/14 13:00
	1410306-15	1411401	MAS	10/16/14 13:00
	1410306-16	1411401	MAS	10/16/14 13:00
	1410306-17	1411401	MAS	10/16/14 13:00
	1410306-18	1411401	MAS	10/16/14 13:00
	1410306-19	1411401	MAS	10/16/14 13:00

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-20	1411401	MAS	10/16/14 13:00
	1410306-21	1411578	MAS	10/17/14 13:30
	1410306-22	1411578	MAS	10/17/14 13:30
	1410306-23	1411578	MAS	10/17/14 13:30
	1410306-24	1411578	MAS	10/17/14 13:30
	1410306-25	1411578	MAS	10/17/14 13:30
	1410306-26	1411578	MAS	10/17/14 13:30
	1410306-27	1411578	MAS	10/17/14 13:30
	1410306-28	1411578	MAS	10/17/14 13:30
	1410306-29	1411578	MAS	10/17/14 13:30
	1410306-30	1411578	MAS	10/17/14 13:30
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1410306-01	1411381	MAS	10/15/14 13:30
	1410306-02	1411381	MAS	10/15/14 13:30
	1410306-03	1411381	MAS	10/15/14 13:30
	1410306-04	1411381	MAS	10/15/14 13:30
	1410306-05	1411381	MAS	10/15/14 13:30
	1410306-06	1411381	MAS	10/15/14 13:30
	1410306-07	1411381	MAS	10/15/14 13:30
	1410306-08	1411381	MAS	10/15/14 13:30
	1410306-09	1411381	MAS	10/15/14 13:30
	1410306-10	1411381	MAS	10/15/14 13:30
	1410306-11	1411402	MAS	10/16/14 13:30
	1410306-12	1411402	MAS	10/16/14 13:30
	1410306-13	1411402	MAS	10/16/14 13:30
	1410306-14	1411402	MAS	10/16/14 13:30
	1410306-15	1411402	MAS	10/16/14 13:30
	1410306-16	1411402	MAS	10/16/14 13:30
	1410306-17	1411402	MAS	10/16/14 13:30
	1410306-18	1411402	MAS	10/16/14 13:30
	1410306-19	1411402	MAS	10/16/14 13:30
	1410306-20	1411402	MAS	10/16/14 13:30
	1410306-21	1411579	MAS	10/20/14 13:30
	1410306-22	1411579	MAS	10/20/14 13:30
	1410306-23	1411579	MAS	10/20/14 13:30
	1410306-24	1411579	MAS	10/20/14 13:30
	1410306-25	1411579	MAS	10/20/14 13:30
	1410306-26	1411579	MAS	10/20/14 13:30
	1410306-27	1411579	MAS	10/20/14 13:30
	1410306-28	1411579	MAS	10/20/14 13:30
	1410306-29	1411579	MAS	10/20/14 13:30
	1410306-30	1411579	MAS	10/20/14 13:30
USEPA-1311 ZHE Extraction (Volatiles)	1410306-01	1411252	MAS	10/15/14 17:00
	1410306-02	1411252	MAS	10/15/14 17:00

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1410306-03	1411252	MAS	10/15/14 17:00
	1410306-04	1411252	MAS	10/15/14 17:00
	1410306-05	1411252	MAS	10/16/14 17:00
	1410306-06	1411252	MAS	10/16/14 17:00
	1410306-07	1411252	MAS	10/16/14 17:00
	1410306-08	1411252	MAS	10/16/14 17:00
	1410306-09	1411252	MAS	10/16/14 17:00
	1410306-10	1411252	MAS	10/16/14 17:00
	1410306-11	1411582	MAS	10/20/14 16:30
	1410306-12	1411582	MAS	10/20/14 16:30
	1410306-13	1411582	MAS	10/20/14 16:30
	1410306-14	1411582	MAS	10/20/14 16:30
	1410306-15	1411582	MAS	10/20/14 16:30
	1410306-16	1411582	MAS	10/20/14 16:30
	1410306-17	1411582	MAS	10/20/14 16:30
	1410306-18	1411582	MAS	10/20/14 16:30
	1410306-19	1411582	MAS	10/21/14 17:00
	1410306-20	1411582	MAS	10/21/14 17:00
	1410306-21	1411582	MAS	10/21/14 17:00
	1410306-22	1411582	MAS	10/21/14 17:00
	1410306-23	1411582	MAS	10/21/14 17:00
	1410306-24	1411582	MAS	10/21/14 17:00
	1410306-25	1411582	MAS	10/21/14 17:00
	1410306-26	1411582	MAS	10/21/14 17:00
	1410306-27	1411582	MAS	10/22/14 17:00
	1410306-28	1411582	MAS	10/22/14 17:00
	1410306-29	1411582	MAS	10/22/14 17:00
	1410306-30	1411582	MAS	10/22/14 17:00

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TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 149357

Pg. 1 of 3

For Lab Use Only
Cart: Hood (on cart)
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist: [illegible]
Work Order No.: 1410306

Client Name: CTI & Associates
Address: 51331 W Pontiac Trail
City, State Zip: Wixom, MI 48393
Phone/Fax: 248 486 5100
Email: Dkent@cticompanies.com

Project Name: JCI-Monroe
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: DKent

Analyses Requested: TCLP Metals, TCLP SVOCs, TCLP VOCs, PCBs

Container Type (corresponds to Container Packing List): ZIP BAG

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP SVOCs	TCLP VOCs	PCBs	Total	Sample Comments
01		01	1 1A		10/9/14	11:00		X	S	X	X	X		1	NO PCB
02		02	2 1B		10/9/14	11:15		X	S	X	X	X	X	1	PCB
01		03	3 1C		10/9/14	11:30		X	S	X	X	X		1	NO PCB
↓		04	4 1D		10/9/14	11:45		X	S	X	X	X		1	NO PCP
		05	5 9A		10/9/14	12:15		X	S	X	X	X		1	NO PCB
02		06	6 9B		10/9/14	12:30		X	S	X	X	X	X	1	PCB
01		07	7 8A		10/9/14	1:00		X	S	X	X	X		1	NO PCB
02		08	8 8B		10/9/14	1:15		X	S	X	X	X	X	1	PCB
01		09	9 2A		10/9/14	1:45		X	S	X	X	X		1	NO PCB
02		10	10 2B		10/9/14	2:00		X	S	X	X	X	X	1	PCB

Sampled By (print): Dayna Kent / Erin Hobbs
Sampler's Signature: [signature]
Company: CTI & Assoc

How Shipped? Hand ~~X~~ Carrier Trimatrix
Tracking No.

Comments: * See Note on pg 3/3

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	10/13/14	1600	DK [signature]			[signature]	10/14/14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600	[signature]	10/14/14	1321	[signature]	10/14/14	1715

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TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 149358

Pg. 2 of 3

For Lab Use Only
Cart: Hood
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist:
Work Order No.: 1410306

Client Name: CTI & ASSOCIATES
Address: 51331 W PONTIAC TRAIL
City, State Zip: WIXOM, MI 48393
Phone/Fax: 248 486 5700
Email: Dkent@CTIcompanies.com

Project Name: JCI-MONROE
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: Dkent

Analyses Requested: TCLP Metals, TCLP SVOCs, TCLP VOCs, PCBs

Container Type (corresponds to Container Packing List): ZIP BAG

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP SVOCs	TCLP VOCs	PCBs			Total	Sample Comments
01		11	1	2C		10/9/14	2:15		X	S	X	X	X				1	NO PCB
↓		12	2	2D		10/9/14	2:30		X	S	X	X	X				1	NO PCB
↓		13	3	6A		10/9/14	2:45		X	S	X	X	X				1	NO PCB
02		14	4	6B		10/9/14	3:00		X	S	X	X	X	X			1	PCB
01		15	5	6C		10/9/14	3:15		X	S	X	X	X				1	NO PCB
↓		16	6	7A		10/9/14	3:30		X	S	X	X	X				1	NO PCB
02		17	7	7B		10/9/14	3:45		X	S	X	X	X	X			1	PCB
01		18	8	5A		10/9/14	4:00		X	S	X	X	X				1	NO PCB
02		19	9	5B		10/9/14	4:15		X	S	X	X	X	X			1	PCB
01		20	10	5C		10/9/14	4:30		X	S	X	X	X				1	NO PCB

Sampled By (print): DAYNA KENT / ERIN HOBBS
Sampler's Signature:
Company: CTI & Assoc

How Shipped? Hand X Carrier Trimatrix
Tracking No.

Comments: * See Note on PG 3/3

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	10/13/14	1600					10.14.14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600		10.14.14	1321	D. Jordin	10/14/14	1715

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TRIMATRIX LABORATORIES

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Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 149359

Pg. 3 of 3

For Lab Use Only

Cart: Hood
VOA Rack/Tray: -
Receipt Log No.: 50-22
Project Chemist: [signature]
Work Order No.: 1410306

Client Name: CTI & ASSOCIATES
Address: 51331 W. PONTIAC TRAIL
City, State Zip: WIXOM, MI 48393
Phone/Fax: 248 486 5100
Email: DKent@CTIcompanies.com DKent

Project Name: JCI-Monroe
Client Project No. / P.O. No.: 1135010007
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To:

Analyses Requested: TCLP Metals, TCLP SVOCS, TCLP VOCS, PCBs

Container Type (corresponds to Container Packing List): Zip Bag

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
01		21	1 10A		10/10/14	9:00		X	S	X X X	1	NO PCB
02		22	2 10B		10/10/14	9:15		X	S	X X X X	1	PCB
01		23	3 4A		10/10/14	9:45		X	S	X X X	1	NO PCB
02		24	4 4B		10/10/14	10:00		X	S	X X X X	1	PCB
01		25	5 4C		10/10/14	10:15		X	S	X X X	1	NO PCB
↓		26	6 4D		10/10/14	10:30		X	S	X X X	1	NO PCB
↓		27	7 3A		10/10/14	11:00		X	S	X X X	1	NO PCB
02		28	8 3B		10/10/14	11:15		X	S	X X X X	1	PCB
01		29	9 3C		10/10/14	11:30		X	S	X X X	1	NO PCB
↓		30	10 3D		10/10/14	11:45		X	S	X X X	1	NO PCB

Sampled By (print): DAYNA KENT / ERIN HOBBS
Sampler's Signature: [signature]
Company: CTI & ASSOCIATES

How Shipped? ~~Hand~~ X Carrier: TRIMATRIX
Tracking No.:

Comments: All Samples Require Analysis For TCLP Metals, TCLP SVOCS and TCLP VOCS. 10/30 samples require Analysis For PCBs As Noted.

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	10/13/14	1600				[signature]	10.14.14	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
CTI LOBBY	10/13/14	1600	[signature]	10.14.14	1325	S. Nardin	10/14/14	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client	CTI & Assoc.
Receipt Record Page/Line #	50-22
New / Add To	
Work Order #	1410306
Project Chemist	
Sample #s	

Recorded by (initials/date): JN 10/14/14

☑ Cooler ☐ Box ☐ Other

Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)

☐ See Additional Cooler Information Form

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
TR3499	2148						

Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☑ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	20.2	0	20.2
Sample 2:	20.1	0	20.1
Sample 3:	20.6	0	20.6

3 Sample Average °C: 20.3

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Cooler #	Time	Cooler #	Time

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact

Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None

Coolant Location: Dispersed / Top / Middle / Bottom

Temp Blank Present: ☐ Yes ☐ No

If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☐	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers: 149357, 149358, 149359

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank OR average sample temperature, ≥6° C?
☐	☐	☑	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 10/14/14	10/14/14	Yes / No

AGENT SPECIAL WASTE SERVICE AGREEMENT
NON-HAZARDOUS WASTES

REPUBLIC SERVICES

Special Waste Profile Number: 4242 15

Agent Billing Information		Republic Waste Location (Company)
Name:	CTI & ASSOCIATES, INC. (ACCT#)	SAUK TRAIL HILLS DEVELOPMENT, INC.
Address:	51331 W. PONTIAC TRAIL	5011 S. LILLEY ROAD
		CANTON, MI 48188
City:	WIXOM	P. DUGAN 734.231.991 / SITE 734.397.2790
State:	MI Zip: 48393	
Phone:	(248) 486-5100 Fax:	
Contact:	KEVIN MANUEL kmanuel@cticompanies.com	

Project: JOHNSON CONTROLS – CONT. SOIL **County and State of Origin:** WASHTENAW, MI

Generator Address: 232 MONROE STREET SALINE, MI 48176

Additional Information:

1. **Special Waste Service**. Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.

2. **Acceptable Waste**. Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").

3. **(A) Rates for Disposal**:

Waste	Disposal Method	Disposal Rate:	Fees / Taxes / Misc.	Transportation
CONT. SOIL	DISPOSAL	$19.50/TON	NO DISPOSAL FEES	PROVIDED BY FRAMER & UNDERWOOD TRUCKING
				45 TON MIN. PER LOAD

Additional Information: APPROVAL IS VALID FOR 450 TONS OF MATERIAL.

Agent shall also be liable for all taxes, fees, or other charges imposed by federal, state, local or provincial laws and regulations.

Cannot Exceed Daily Volume of NA Without Prior Approval of Company.

(B) Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

1)

2)

4. **Term of Agreement**. This Agreement is effective THROUGH APPROVAL EXPIRATION DATE, commencing ON DATE OF AGENT SIGNATURE and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT	REPUBLIC SERVICES, INC/COMPANY
SIGNATURE (AUTHORIZED REPRESENTATIVE)	SIGNATURE (AUTHORIZED REPRESENTATIVE)
KEVIN MANUEL - PROJ DIR.	
NAME AND TITLE (PLEASE PRINT)	NAME AND TITLE (PLEASE PRINT)
16 JULY 2015	
DATE	DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. The Agreement. This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.

6. Waste Accepted at Facility. Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.

7. Special Waste. Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.

8. Rights of Refusal/Rejection. The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.

9. Limited License to Enter. This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.

10. Charges and Payment. Payment shall be made by Agent within thirty (30) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon thirty (30) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.

11. Termination. Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.

12. Driver's Knowledge and Authority. Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.

13. Indemnification. Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.

14. Insurance. Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	$500,000 combined single limit
Automobile Liability	$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. Failure to Perform. Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited, to whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.

16. Other Termination. The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:

(A) A petition for reorganization or bankruptcy filed by or against the Agent.

(B) Failure by Agent to pay any amounts due to Company.

(C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. Assignment. Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.

18. Right of Disposal. This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.

19. Continuing Compliance. The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

20. Miscellaneous.

(A) This Agreement shall be governed by the laws of the State in which the Facility is located.

(B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.

(C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.

(D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.

(E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.

(F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.

(G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.

(H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.

21. Notices. All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. Liquidated Damages. In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: _____ COMPANY: _____

Erin Hobbs

From: Terri Zick
Sent: Friday, January 22, 2016 3:21 PM
To: Erin Hobbs
Subject: FW: LDR Needed for Tonight's Load
Attachments: Land Disposal Restriction (LDR) D007 debris.pdf

Land Ban Form for Haz Waste 232 Monroe

From: Terri Zick
Sent: Tuesday, August 18, 2015 1:56 PM
To: 'brooke.Bostwick@usecology.com' <brooke.Bostwick@usecology.com>
Cc: Timothy A. Moore, Jr. <tmoore@cticompanies.com>
Subject: FW: LDR Needed for Tonight's Load

Brooke-

I received your email through Mike Stoelton and am providing a completed Land Ban form intended to attach to manifest 014866934JJK prepared by US Ecology for the first load of approval # G154556MDI. I hope this satisfies your need for LDR documentation. If not, please let me know!

Terri Zick
313-300-7401 cell

From: Brooke Bostwick [mailto:Brooke.Bostwick@usecology.com]
Sent: Tuesday, August 18, 2015 8:17 AM
To: Michael L Stoelton
Subject: LDR Needed for Tonight's Load

Good Morning,

This approval (G154556MDI) is on MDI's schedule for micro tonight. This is a new approval that has never shipped before, therefore it needs an LDR. Could you please send the LDR over to me today or ensure that the driver will arrive with one?

Thank you,

Brooke Bostwick
Facility Specialist

brooke.bostwick@usecology.com
p: [734-699-6255]
49350 North I-94 Service Drive Belleville, MI 48111

Emergency Response: 800.839.3975
Customer Service: 800.592.5489

US Ecology, Inc. Land Disposal Restriction Form

GENERATOR: Johnson Controls **EPA I.D. NUMBER:** MID980795512

WASTE STREAM or PROFILE NUMBER: G154556MDI **MANIFEST DOC. NO.** Clean up and remo **LINE NO.** 1

WASTE IS A: ☐ **WASTEWATER** ☒ **NON-WASTEWATER** ☒ **DEBRIS**

NOTIFICATION FREQUENCY: ☒ **ONE TIME** ☐ **REQUIRED WITH EACH SHIPMENT**

EPA WASTE CODES (from 40 CFR 268.40) D007

UHC's (Underlying Hazardous Constituents 40 CFR 268.48)? ☒ No ☐ Yes - List:

A. ☐ **Restricted Waste Meets Treatment Standards (40 CFR 268.7(a) (3))**

The restricted waste identified above meets the treatment standards in 40 CFR 268.40 or **Alternative LDR treatment standards for contaminated soil 40CFR268.49** and can be landfill disposed without further treatment. I have attached all supporting analytical data, where available.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B. ☐ **Restricted Waste Treated To Treatment Standards (40 CFR 268.7(b) (I) & 268.7 (b) (2))**

The treatment residue, or extract of such residue, or the restricted waste identified above has been tested to assure that the treatment residues or extract meet all applicable treatment standards in 40 CFR 268.40 and/or performance standards in 40 CFR 268.45. I have attached all supporting analytical data, where available.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

C. ☐ **Restricted Waste With Technology Based Treatment Standards (40 CFR 268.7(b) (4))**

I certify under penalty of law that I personally have examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that based on my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40, without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

D. ☐ **Restricted Waste Decharacterized But Requires Treatment For UHC (40 CFR 268.9)**

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains Underlying Hazardous Constituents (UHC) that require further treatment to meet the universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

E. ☐ **Restricted Waste Subject To Treatment (40 CFR 268.7(a) (2))**

The restricted waste identified above must be treated to the applicable treatment standards in 40 CFR 268.40, or treated to comply with applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d). I have attached all supporting analytical data, where available.

F. ☒ **Hazardous Debris Subject To Treatment (40 CFR 268.45)**

This hazardous debris identified above must be treated to the alternative treatment standards in 40 CFR 268.45.

G. ☐ **Restricted Waste Subject To A Variance or Extension (40 CFR 268.7(a) (4))**

This restricted waste identified above is subject to a case by case exemption under 40 CFR 268.5, an exemption under 40 CFR 268.6 or a nationwide capacity variance under Subpart C of 40 CFR 268, and is not prohibited from land disposal. LDR prohibitions become effective (date) for this restricted waste. The corresponding treatment standard(s) are promulgated in 40 CFR 268.40. I have attached all supporting analytical data, where available.

H. ☐ **Restricted Waste Managed In A "Lab Pack" (40 CFR 268.7(a) (9))**

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only waste that have been excluded under appendix IV to 40 CFR Part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

I certify and warrant that the information that appears on this form, and appended documents, is true and correct. I have correctly indicated how my waste is to be managed in accordance with 40 CFR 268. My certification is based on personal examination of the information submitted, or is based on my inquiries of those individuals responsible for obtaining the information.

Authorized Signature _____ **Title** Director of Compliance Services **Date** 8/18/15

UHC list from 40 CFR Part 268.48 available upon request

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-00

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID 980 795 512
2. Page 1 of 1
3. Emergency Response Phone:
4. Manifest Tracking Number: 014866934 JJK

5. Generator's Name and Mailing Address: JOHNSON CONTROLS, INC.
5757 GREENBAY AVE
MILWAUKEE, WI 53201
Generator's Phone: (414) 540-1005

Generator's Site Address (if different than mailing address): 232 S. MONROE

6. Transporter 1 Company Name: E.Q. Industrial Service — U.S. EPA ID Number: MIK 435642742

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT PL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, Hazardous waste, solid, n.o.s.(Chromium), 9, PGIII, ERG #171	001	cm	20	Y	D007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. G154556MDI / Chromium contaminated debris

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

INT'L

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MIKE BARBEE | Signature: Mike Barbee | Month: 8 | Day: 18 | Year: 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H110 | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID 980 795 512
2. Page 1 of 1
3. Emergency Response Phone:
4. Manifest Tracking Number: 014866933 JJK

5. Generator's Name and Mailing Address: JOHNSON CONTROLS, INC.
5757 GREENBAY AVE
MILWAUKEE, WI 53201
Generator's Phone: (414) 540-1005

Generator's Site Address (if different than mailing address): 232 S. MONROE

6. Transporter 1 Company Name: E.Q. Industrial Service
U.S. EPA ID Number: MIK 435 642 742

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT PL
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, Hazardous waste, solid, n.o.s.(Chromium), 9, PGIII, ERG #171					D007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. G154556MDI / Chromium contaminated debris

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED

167-BLC-O 6 10496

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Advanced RESOURCE Recovery, L.L.C.

MID057002602

Generator's Waste Profile and Service Agreement

In order to properly transport and manage your waste stream, please complete the following:

SECTION 1. GENERAL INFORMATION

	Generator Information	Customer Information	Billing Information
EPA ID #	MID980795512	MID106869506	MID106869506
Company	Johnson Controls	Young's Environmental Cleanup, Inc.	Young's Environmental Cleanup, Inc.
Address 1	232 Monroe St	G-5305 N. Dort Hwy	G-5305 N. Dort Hwy
Address 2			
City, State, Zip Code	Saline, MI 48176	Flint, MI 48505	Flint, MI 48505
Contact	Michael Stoelton	April Pace	Accounts Payable
Telephone 1	734-254-5657	810-789-7155	810-789-7155
Telephone 2	734-355-1141		
Facsimile	734-254-7899	810-789-3606	810-789-3606
Email	michael.l.stoelton@jci.com	apace@yeci.us	ap@yeci.us

SECTION 2. WASTE INFORMATION

Common Name of Waste: Non-Hazardous Water-Well Vault

Process Generating Waste: Cleanout of well vault. VOC's and PCB's detected are from a unknown source.

Waste Volume Produced Annually: 1,200 Gallons

Shipping Increments: ☒ One Time ☐ Weekly ☐ Monthly ☐ Quarterly ☐ Yearly ☐ Other _____

Check Any Hazardous Characteristics That Apply: ☐ Reactive ☐ Corrosive ☐ Toxic ☐ Flammable ☐ Listed

SECTION 3. USED / WASTE OIL

Does your waste stream contain 10% or more oil? ☐ Yes ☒ No

Is this oil considered to be a "used oil" as determined by 40CFR 260.10? ☐ Yes ☒ No

(If yes, then please complete used oil certification sheet.)

Attach analytical and check the appropriate box below for any parameters for which your oils have been tested.

☐ PCBs ☐ TCLP(Volatiles/Semivolatiles) ☐ Total Halogens ☐ Total Metals

SECTION 4. PHYSICAL AND CHEMICAL PROPERTIES

Is this waste a nonhazardous liquid industrial waste?	■ YES ☐ NO
What is the Color?	☐ White ☐ Grey ☐ Black ■ Clear ■ (Brown color)
Describe the Odor.	☐ Strong ■ Mild ☐ None
Does it Pass Paint Filter Test	☐ YES ☐ NO
Physical State at 70° F	■ Liquid ☐ Slurry ☐ Other
Density (weight/volume)	
Specific Gravity	
pH:	7.0
Flash Point (closed cup)	>200
Viscosity at 70° F	☐ High ☐ Medium ☐ Low
Percent Composition	95-100 % Water ____ % Oil ____ % Rag <5 % Solids
Solids Composition:	☐ Suspended ☐ Settable ☐ Both

Chemical Composition: *List all major constituents, include herbicides, pesticides, carcinogens, pathogens and other hazardous constituents.*

Chemical	Minimum	Maximum
Water	95 %	100 %
Sediment	%	<5 %
	%	%
	%	%

SECTION 5. TCLP AND TESTING CERTIFICATION

Please check the "YES" column for constituents that have been TCLP tested and attach analytical results to this profile or check the "NO" column verifying the constituent is not present above hazardous levels. *All constituents must have either a "YES" or "NO" checked.*

Check the method used: ☐ Total ☐ TCLP ☐ EP ☐ Toxicity

METALS mg/L (ppm)			
Metal	Level > than	Yes	No
001D Copper	100.0		✓
003D Zinc	500.0		✓
D004 Arsenic	5.0		✓
D005 Barium	100.0		✓
D006 Cadmium	1.0		✓
D007 Chromium	5.0		✓
D008 Lead	5.0		✓
D009 Mercury	0.2		✓
D010 Selenium	1.0		✓
D011 Silver	5.0		✓

ORGANICS			
Material	Level > than	Yes	No
D018 Benzene	0.5		✓
D019 Carbon Tetrachloride	0.5		✓
D021 Chlorobenzene	100.0		✓
D022 Chloroform	5.0		✓
D028 1, 2-Dichloroethane	0.5		✓
D029 1, 1-Dichloroethylene	0.7		✓
D035 Methyl Ethyl Ketone	200.0		✓
D039 Tetrachloroethylene	0.7		✓
D040 Trichloroethylene	0.5		✓
D043 Vinyl Chloride	0.2		✓

ACID EXTRACTABLES			
Material	Level > than	Yes	No
D023 o-Cresol	200	☐	☑
D024 m-Cresol	200	☐	☑
D025 p-Cresol	200	☐	☑
D026 Cresol	200	☐	☑
D037 Pentachlorophenol	100	☐	☑
D041 2, 4, 5-Trichlorophenol	400	☐	☑
D042 2, 4, 6-Trichlorophenol	2.0	☐	☑

BASE NEUTRAL EXTRACTABLES			
Material	Level > than	Yes	No
D027 1, 4-Dichlorobenzene	7.5	☐	☑
D030 2, 4-Dinitrotoluene	0.13	☐	☑
D032 Hexachlorobenzene	0.13	☐	☑
D033 Hexachlorobutadiene	0.5	☐	☑
D034 Hexachloroethane	3.0	☐	☑
D036 Nitrobenzene	2.0	☐	☑

HERBICIDES and PESTICIDES			
Material	Level > than	Yes	No
D012 Endrin	0.02	☐	☑
D013 Lindane	0.4	☐	☑
D014 Methoxychlor	10.0	☐	☑
D015 Toxaphene	0.5	☐	☑
D016 2, 4-D	10.0	☐	☑
D017 2, 4, 5-TP (Silvex)	1.0	☐	☑
D020 Chlordane	0.03	☐	☑
D031 Heptachlor	0.008	☐	☑

SECTION 6. SHIPPING INFORMATION

Is this waste a D.O.T. Hazardous Material?	☐ YES ☒ NO
State Waste Codes:	☐ 017L – Crankcase Oil ☐ 019L – Coolants and Water Soluble Oil ☐ 021L – Other Oil ☑ 029L – Other Wastes
Proper Shipping Name:	RCRA Non-hazardous and Non-DOT Regulated Liquid (water)
Method of Shipment:	☑ Bulk ☐ Drum ☐ Tote
Additional Handling / Comments:	
Waste Receipt Classification:	☐ Organic Waste ☐ Oily Waste ☐ Metal Derived Waste

Section 7. Terms and Conditions of Waste Service

1. Waste Disposal. Subject to the terms and conditions contained herein and those in the Proposal and Approval Notification Letter, Advanced Resource Recovery, (hereinafter "ARR" or "Company"), and the Service Provider and/or Generator, (hereinafter collectively "Customer"), agree to be legally bound hereby and that ARR agrees to accept at its facility (the "Facility") Industrial Waste (hereinafter referred to as "Industrial Waste" or "Waste") delivered by Customer, and which is acceptable to ARR as herein provided.

2. The Agreement. The entire agreement of the parties for the disposal of Industrial Waste (the "Agreement") shall consist of these terms and conditions, and any application, permit, approval or other documents provided by the Company that may be applicable to such Waste. Waste accepted at the Facility by Company will constitute Customer's acceptance of the Proposal and Approval Notification's terms and conditions as well as the terms and conditions herein. Each Waste Approval's terms and conditions will supersede the terms and conditions of any prior Agreement between the parties.

3. Waste Accepted at Facility. Customer warrants that the Waste described in the Waste Characterization Profile that is delivered to Company at its Facility hereunder will not contain any quantity of hazardous materials or substances, radioactive materials or substances or toxic wastes or substances as defined by applicable federal, state and/or local laws or regulations. Any waste which does not meet this requirement shall hereinafter be referred to as "Unacceptable Waste." The Customer shall in all matters relating to the collection, transportation and disposal of

the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean the Company's disposal facility located at 27140 Princeton Ave., Inkster, MI 48141.

4. Industrial Waste. Customer warrants that the Waste delivered to Company hereunder will not contain any waste that is not specifically described on the Waste Characterization Profile which is incorporated herein and which is subsequently approved by the Company and will meet the material description as set forth in the application and otherwise in all significant respects. The parties may incorporate additional Industrial Waste as part of this Agreement if prior to delivery of such Waste to Company, Customer has provided a Waste Characterization Profile Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Industrial Waste disposal. Title to all Waste handled or disposed of by Company shall at all times remain with Customer.

5. Rights of Refusal/Rejection. Company has the right to reuse or reject after acceptance any load of wastes delivered to the facility if the Company believes the Customer has breached (or is breaching) its warranties or agreements hereunder. If Customer delivers wastes in breach of any warranty or agreements herein, Company may in its sole discretion, either remove and dispose of that waste and charge Customer for the costs or require Customer to promptly remove the waste.

6. Charges and Payment. Customer agrees to pay the Company's rates as written in the Proposal and Approval Notification Letter, which may be modified from time to time upon thirty (30) days written notice to the Customer. Payment shall be made by Customer within thirty (30) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Customer agrees to pay service charge of 1.5% per month, or the maximum interest rate permitted by law whichever is less.

7. Term. This Agreement shall continue in effect until terminated by Company or Customer, with or without cause, upon prior notice by either party and representations and warranties regarding the waste delivered and the indemnities set forth herein shall survive termination of this Agreement.

8. Indemnity. Customer agrees to indemnify, save harmless, and defend Company, its Corporate affiliates, employees, officers and directors from and against any and all liabilities, claims, penalties, forfeitures, suits and the costs and expenses incident thereto (including costs of defense, settlement, and reasonable attorney's fees), which it may hereafter incur, become responsible for, or pay out as a result of death or bodily injuries to any person, destruction or damage to any property, contamination of or adverse, effects on the environment, of any violation of governmental laws, regulations, or orders caused, in whole or in part by the Customer's breach of any warranty, term or provision of this Agreement, or any act, omission, willful misconduct or negligence of the Customer, its employees, or subcontractors in the performance of this Agreement.

9. Default. The occurrence of any of the following events shall also constitute an event of default by the Customer and shall give the Company the right to immediately terminate this Agreement. (a) A petition for reorganization or bankruptcy filed by or against the Customer; (b) Failure by Customer to pay any amount due to Company (c) Any breach by Customer of any of its obligations pursuant to the Agreement. The parties covenant and agree that the Company's removal and acceptance of the Customer's Waste constitutes work on and an improvement to the Customer's real property. Accordingly, Customer grants to Company the right to file any and all documents permitted by law or otherwise on Customer's real property to secure the monies owed to Company by Customer for services performed.

10. Attorneys' Fee. In the event of a breach by Customer of the Agreement, the Customer shall pay all attorneys' fee, collection fees and costs of Company incident to any action brought to enforce the Agreement.

11. Assignment. Customer may not assign, transfer or otherwise vest in any other company, entity or person, any of its rights or obligations under the Agreement without the prior written consent of Company.

12. Miscellaneous. The Agreement shall be governed by and constructed in accordance with the laws of the state of Michigan in which the Facility is located. The price and terms of this proposal are confidential and are not to be disclosed to any other persons or entities. Customer agrees to take all precautions to insure that its officers, employees and agents maintain the confidentiality of this information and do not disclose the price and terms of this proposal. Service Provider is defined as any company working on behalf of a Generator.

13. Notices. All notices herein shall be considered as having been given upon being placed in the mail, certified, postage prepaid, addressed to the Company or Customer at the address set forth in the Waste Characterization Profile.

SECTION 8. GENERATOR CERTIFICATION and WASTE SERVICE AGREEMENT

I certify that I am authorized to sign below and all information is complete, factual (including attached information), is an accurate representation of the known and suspected hazards and of waste generator regulations pertaining to the waste described herein and agree to the terms and conditions of waste services in Section 7.

Printed Name: Michael L. Stoelton	Signature:
Title: Director of Environmental Affairs	Date:

REPUBLIC SERVICES

SPECIAL WASTE PROFILE – CHANGE

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

This form may be used to request changes to an existing Special Waste Profile.			
Generator Name:	JOHN CONTROLS		
Name of Waste:	CONCRETE IMPACTED WITH <50 PPM	Waste Profile #	4242 15 12200

II. Purpose of Change

Description of Change Requested and Reason for Change: (Provide detailed explanation of why the change is requested following the appropriate checked box below).

- [x] Volume Increase By: 3000 TONS - UNDERESTIMATION OF IMPACTED MATERIAL
  Is the analysis originally submitted with the Profile representative of the volume Increase? [x] Yes [ ] No If No, complete Section III, below.
- [ ] Extend Expiration Date:
- [ ] Change or Add Landfill:
- [ ] Add Additional Laboratory Reports: **Complete Representative Sample Certification, Section III, below.**
- [ ] Add MSDS:
- [ ] Generator Name Change:
- [ ] Other:

III. Representative Sample Certification

[x] No Sample Taken

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	[ ] YES or [ ] NO

Type of Sample: [ ] COMPOSITE SAMPLE [ ] GRAB SAMPLE

Sample Date:

Sample ID Numbers:

IV. Certification

I hereby certify that the waste and the process generating the waste are unchanged and are accurately represented in the original profile.

Michael L. Stallone - Director Environmental Affairs — Johnson Controls Inc

Authorized Representative Name and Title (Printed) — Company Name

Authorized Representative Signature — 10-2-15 Date

AGENT SPECIAL WASTE SERVICE AGREEMENT
NON-HAZARDOUS WASTES

REPUBLIC SERVICES

Special Waste Profile Number: 4242 15 12200-1

Agent Billing Information

Name: CTI & ASSOCIATES, INC. (ACCT# 33352)
Address: 51331 W. PONTIAC TRAIL
City: WIXOM
State: MI Zip: 48393
Phone: (248) 486-5100 Fax:
Contact: KEVIN MANUEL/TERRI ZICK kmanuel@cticompanies.com / tzick@cticompanies.com

Republic Waste Location (Company)

SAUK TRAIL HILLS DEVELOPMENT, INC.
5011 S. LILLEY ROAD
CANTON, MI 48188
P. DUGAN 734.231.991 / SITE 734.397.2790

Project: JOHNSON CONTROLS – CONT. SOIL IN DRUMS **County and State of Origin:** WASHTENAW, MI

Generator Address: 232 MONROE STREET SALINE, MI 48176

Additional Information:

1. **Special Waste Service**. Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.

2. **Acceptable Waste**. Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").

3. **(A) Rates for Disposal**:

Waste	Disposal Method	Disposal Rate:	Fees / Taxes / Misc.	Transportation
CONT. SOIL	DISPOSAL	$38.00/DRUM	NO DISPOSAL FEES	NA

Additional Information: APPROVAL IS VALID FOR 10 DRUMS OF MATERIAL.

Agent shall also be liable for all taxes, fees, or other charges imposed by federal, state, local or provincial laws and regulations.

Cannot Exceed Daily Volume of NA Without Prior Approval of Company.

(B) Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

1)
2)

4. **Term of Agreement**. This Agreement is effective THROUGH 1/31/2016, commencing ON DATE OF AGENT SIGNATURE and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT

SIGNATURE (AUTHORIZED REPRESENTATIVE)

KEVIN MANUEL, PROJ DIR.
NAME AND TITLE (PLEASE PRINT)

10-12-15
DATE

REPUBLIC SERVICES, INC/COMPANY

SIGNATURE (AUTHORIZED REPRESENTATIVE)

NAME AND TITLE (PLEASE PRINT)

DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. The Agreement. This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.

6. Waste Accepted at Facility. Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.

7. Special Waste. Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.

8. Rights of Refusal/Rejection. The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.

9. Limited License to Enter. This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.

10. Charges and Payment. Payment shall be made by Agent within thirty (30) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon thirty (30) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.

11. Termination. Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.

12. Driver's Knowledge and Authority. Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.

13. Indemnification. Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.

14. Insurance. Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	$500,000 combined single limit
Automobile Liability	$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. Failure to Perform. Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited, to whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.

16. Other Termination. The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:

(A) A petition for reorganization or bankruptcy filed by or against the Agent.

(B) Failure by Agent to pay any amounts due to Company.

(C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. Assignment. Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.

18. Right of Disposal. This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.

19. Continuing Compliance. The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

20. Miscellaneous.

(A) This Agreement shall be governed by the laws of the State in which the Facility is located.

(B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.

(C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.

(D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.

(E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.

(F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.

(G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.

(H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.

21. Notices. All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

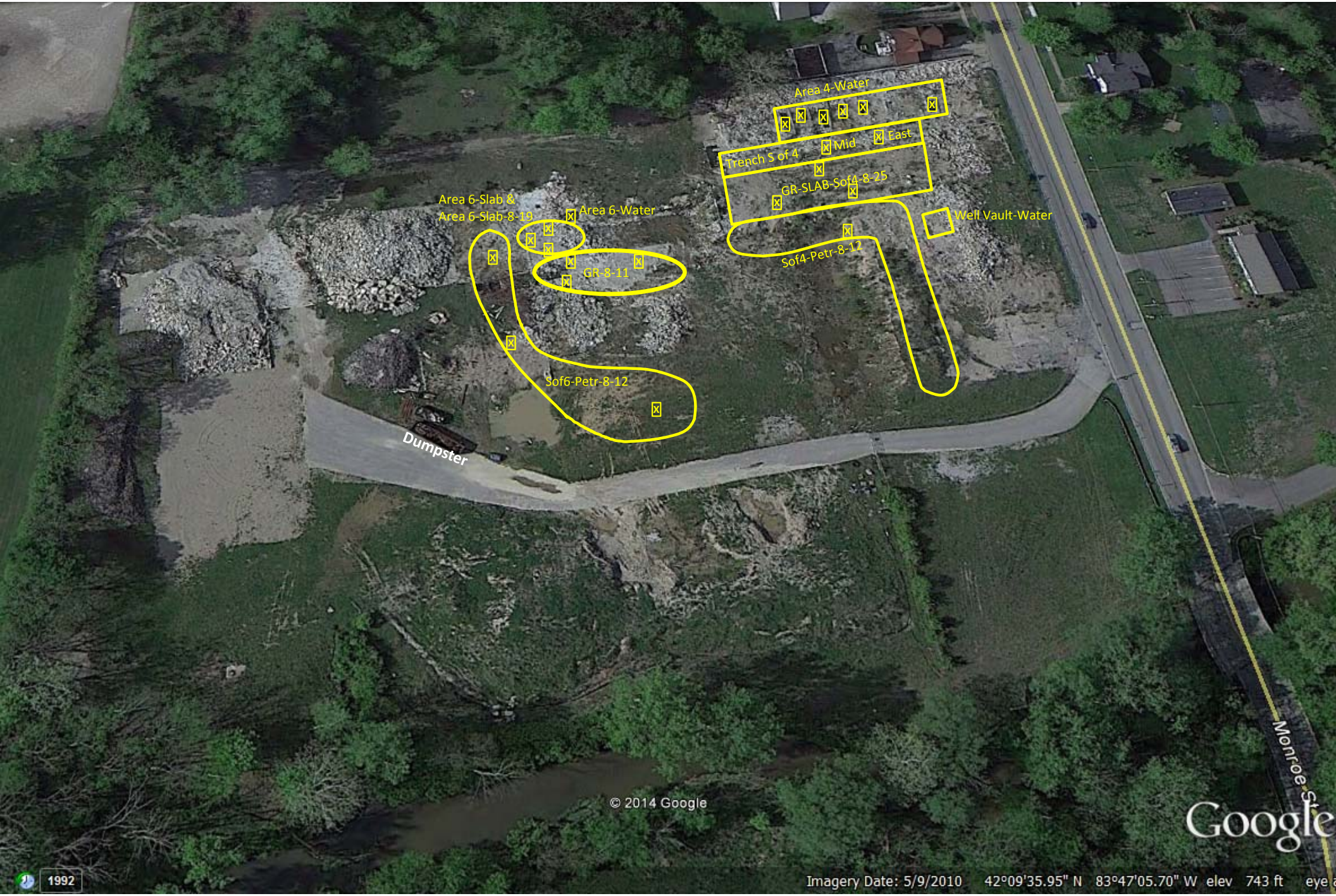
22. Liquidated Damages. In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: _____ COMPANY: CTI

Appendix E

Environmental Testing Information

Sample Name	Sample Type	Sample Date	Sample Description
GR-8-11	Soil	8/11/2015	Composite sample from 3 locations within Area 7. Sample collected to test green discolored soil.
Area 6-Slab	Concrete	8/12/2015	Composite sample from 3 locations of slab under edge of Chromium impacted pile in Area 6.
Area 6-Water	Water	8/12/2015	Water from open concrete pit in area 6.
Area 4-Water	Water	8/12/2015	Composite sample, 150 ml from each of 5 water holding open concrete pits in area 4.
S of 4-Petr-8-12	Concrete	8/12/2015	Composite sample from pile. Sample collected to test black stained concrete with odor.
S of 6-Petr-8-12	Concrete	8/12/2015	Composite sample, 2 cups of crushed concrete from from each of 3 spoils piles. Sample collected to test black stained concrete with odor.
Area 6-Slab-8-19	Concrete	8/19/2015	Composite sample from 3 locations of slab under Chromium impacted pile in Area 6.
GR-SLAB-Sof4-8-25	Concrete	8/25/2015	Composite sample from three locations on green stained concrete slab.
Well Vault - Water	Water	8/28/2015	Water (with free product layer) from uncovered brick well vault.
Trench-Sof4-East	Concrete	9/1/2015	Sample from near east end of concrete trench found just south of the PCB affected area.
Trench-Sof4-Mid	Concrete	9/1/2015	Sample from middle section of concrete trench found just south of the PCB affected area.



SIPPLEMENTAL SAMPLES COLLECTED

Area 4-Water (8/12/15)
Area 6-Water (8/12/15)
Area 6-Slab (8/12/15)
Sof6-Petr-8-12 (8/12/15)
Sof4-Pert-8-12 (8/12/15)
GR-8-11 (8/11/15)
Area 6-Slab-8-19 (8/19/15)
GR-SLAB-Sof4-8-25 (8/25/15)
Well Vault - Water (8/28/15)
Trench-Sof4-East (9/1/15)
Trench-Sof4-Mid (9/1/15)

LEGEND

Approximate Area included in testing

Approximate Location for supplemental samples

August 17, 2015

CTI and Associates, Inc.
Attn: Ms. Erin Hobbs
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Erin Hobbs,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	**Received**	**Description**
1508210	08/12/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Narrative: Due to sample volumes, batch matrix quality control (QC) was not performed for this analysis. A Method Blank and Laboratory Control Sample comprise the batch QC.

Analysis: USEPA-8082A

Sample/Analyte: 1508210-03 Area 4-Water
1508210-07 Area 6-Water

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PROJECT TECHNICAL NARRATIVE(s)

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Narrative: SW-846 method 1020B is not the recommended method for the analysis of flashpoint on a solid matrix.

Analysis: USEPA-1020B

Sample/Analyte:			
	1508210-05	Sof6-Petr-8-12	Flashpoint, Closed-Cup
	1508210-08	Sof4-Petr-8-12	Flashpoint, Closed-Cup
	1508444-DUP1		Flashpoint, Closed-Cup

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Metals by EPA 1311/6000/7000 Series Methods

Narrative: The result was obtained by the Method of Standard Additions (MSA).

Analysis: USEPA-6010C

Sample/Analyte: 1508210-04 Area 6-Slab Chromium

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Narrative: Manual integration was required on the analytes listed below. All manual integrations were performed and reviewed in accordance with TriMatrix laboratory policy.

Analysis: USEPA-8270C

Sample/Analyte:		
1508210-06	Area 6-Water	2,4,6-Tribromophenol
1508210-08	Sof4-Petr-8-12	Acenaphthene-d10
1508447-BLK1		Acenaphthene-d10
1508447-BS1		2,4,5-Trichlorophenol
1508447-BS1		Pentachlorophenol

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8082A

Sample/Analyte:			
	1508210-03	Area 4-Water	PCB-1248
	1508210-07	Area 6-Water	PCB-1248

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-8-11**	Sampled:	08/11/15 10:40
Lab Sample ID:	**1508210-01**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Soil	Received:	08/12/15 17:25
Unit:	mg/kg	Prepared:	08/13/15 08:10 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 11:26 By: BJH
QC Batch:	1508445	Analytical Batch:	5H17031
Percent Solids:	72		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*66*	*48-136*
Tetrachloro-m-xylene	*84*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-8-11**	Sampled:	08/11/15 10:40
Lab Sample ID:	**1508210-01**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Soil	Received:	08/12/15 17:25

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**72**	0.1		%	1	USEPA-3550C	08/13/15 16:00	KLA	1508457

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-8-11**	Sampled:	08/11/15 10:40
Lab Sample ID:	**1508210-01**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Soil	Received:	08/12/15 17:25
Percent Solids:	72		

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Barium	**0.55**	0.35	100	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Chromium	**0.27**	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Copper	**12**	0.050	200	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 15:09	DSC	1508442
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 11:21	KLV	1508465

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-8-11**	Sampled:	08/11/15 10:40
Lab Sample ID:	**1508210-01**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Soil	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 00:16 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010
Percent Solids:	72		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*98*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-8-11**	Sampled:	08/11/15 10:40
Lab Sample ID:	**1508210-01**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Soil	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 13:29 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038
Percent Solids:	72		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*90*	*20-121*
Phenol-d6	*68*	*10-105*
Nitrobenzene-d5	*103*	*38-141*
2-Fluorobiphenyl	*112*	*41-132*
2,4,6-Tribromophenol	*88*	*20-142*
o-Terphenyl	*111*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 4-Water**	Sampled:	08/12/15 14:00
Lab Sample ID:	**1508210-02**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 16:03	DSC	1508443
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 08:52	KLV	1508468

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 4-Water**	Sampled:	08/12/15 14:00
Lab Sample ID:	**1508210-02**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 00:45 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*98*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 4-Water**	Sampled:	08/12/15 14:00
Lab Sample ID:	**1508210-02**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 14:02 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038

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121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*82*	*20-121*
Phenol-d6	*66*	*10-105*
Nitrobenzene-d5	*100*	*38-141*
2-Fluorobiphenyl	*112*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*115*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 4-Water**	Sampled:	08/12/15 14:00
Lab Sample ID:	**1508210-03**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	ug/L	Prepared:	08/13/15 08:00 By: JTS
Dilution Factor:	1	Analyzed:	08/14/15 11:19 By: BJH
QC Batch:	1508424	Analytical Batch:	5H14053

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.20	0.20	
11104-28-2	PCB-1221	<0.20	0.20	
11141-16-5	PCB-1232	<0.20	0.20	
53469-21-9	PCB-1242	<0.20	0.20	
*12672-29-6	PCB-1248	<0.20	0.20	
11097-69-1	PCB-1254	<0.20	0.20	
11096-82-5	PCB-1260	<0.20	0.20	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*74*	*52-139*
Tetrachloro-m-xylene	*62*	*26-118*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab**	Sampled:	08/12/15 12:45
Lab Sample ID:	**1508210-04**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/kg	Prepared:	08/13/15 08:10 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 11:53 By: BJH
QC Batch:	1508445	Analytical Batch:	5H17031

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*62*	*48-136*
Tetrachloro-m-xylene	*82*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab**	Sampled:	08/12/15 12:45
Lab Sample ID:	**1508210-04**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1		%	1	USEPA-3550C	08/13/15 16:00	KLA	1508457

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab**	Sampled:	08/12/15 12:45
Lab Sample ID:	**1508210-04**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465
Chromium	**4.8**	2.5	5	mg/L	10	USEPA-6010C	08/17/15 14:09	KLV	1508465
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 15:15	DSC	1508442
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 11:28	KLV	1508465

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab**	Sampled:	08/12/15 12:45
Lab Sample ID:	**1508210-04**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 01:13 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*98*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*98*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab**	Sampled:	08/12/15 12:45
Lab Sample ID:	**1508210-04**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 14:37 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*92*	*20-121*
Phenol-d6	*70*	*10-105*
Nitrobenzene-d5	*109*	*38-141*
2-Fluorobiphenyl	*112*	*41-132*
2,4,6-Tribromophenol	*103*	*20-142*
o-Terphenyl	*116*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof6-Petr-8-12**	Sampled:	08/12/15 12:00
Lab Sample ID:	**1508210-05**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/kg	Prepared:	08/13/15 08:10 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 12:20 By: BJH
QC Batch:	1508445	Analytical Batch:	5H17031

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*74*	*48-136*
Tetrachloro-m-xylene	*69*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof6-Petr-8-12**	Sampled:	08/12/15 12:00
Lab Sample ID:	**1508210-05**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020B	08/13/15 12:45	JMF	1508444
Percent Solids	**94**	0.1		%	1	USEPA-3550C	08/13/15 16:00	KLA	1508457

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof6-Petr-8-12**	Sampled:	08/12/15 12:00
Lab Sample ID:	**1508210-05**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Barium	**0.47**	0.35	100	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 15:20	DSC	1508442
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 11:33	KLV	1508465

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof6-Petr-8-12**	Sampled:	08/12/15 12:00
Lab Sample ID:	**1508210-05**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 01:41 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*97*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof6-Petr-8-12**	Sampled:	08/12/15 12:00
Lab Sample ID:	**1508210-05**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 15:11 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*91*	*20-121*
Phenol-d6	*71*	*10-105*
Nitrobenzene-d5	*96*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*97*	*20-142*
o-Terphenyl	*113*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Water**	Sampled:	08/12/15 14:40
Lab Sample ID:	**1508210-06**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 16:19	DSC	1508443
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 09:12	KLV	1508468

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Water**	Sampled:	08/12/15 14:40
Lab Sample ID:	**1508210-06**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 02:10 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*97*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Water**	Sampled:	08/12/15 14:40
Lab Sample ID:	**1508210-06**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 15:45 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*59*	*20-121*
Phenol-d6	*51*	*10-105*
Nitrobenzene-d5	*98*	*38-141*
2-Fluorobiphenyl	*112*	*41-132*
2,4,6-Tribromophenol	*69*	*20-142*
o-Terphenyl	*108*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Water**	Sampled:	08/12/15 14:40
Lab Sample ID:	**1508210-07**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Water	Received:	08/12/15 17:25
Unit:	ug/L	Prepared:	08/13/15 08:00 By: JTS
Dilution Factor:	1	Analyzed:	08/14/15 11:47 By: BJH
QC Batch:	1508424	Analytical Batch:	5H14053

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.20	0.20	
11104-28-2	PCB-1221	<0.20	0.20	
11141-16-5	PCB-1232	<0.20	0.20	
53469-21-9	PCB-1242	<0.20	0.20	
*12672-29-6	PCB-1248	<0.20	0.20	
11097-69-1	PCB-1254	<0.20	0.20	
11096-82-5	PCB-1260	<0.20	0.20	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*79*	*52-139*
Tetrachloro-m-xylene	*67*	*26-118*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof4-Petr-8-12**	Sampled:	08/12/15 15:00
Lab Sample ID:	**1508210-08**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/kg	Prepared:	08/13/15 08:10 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 12:47 By: BJH
QC Batch:	1508445	Analytical Batch:	5H17031

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*62*	*48-136*
Tetrachloro-m-xylene	*75*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof4-Petr-8-12**	Sampled:	08/12/15 15:00
Lab Sample ID:	**1508210-08**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020B	08/13/15 13:20	JMF	1508444
Percent Solids	**96**	0.1		%	1	USEPA-3550C	08/13/15 16:00	KLA	1508457

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof4-Petr-8-12**	Sampled:	08/12/15 15:00
Lab Sample ID:	**1508210-08**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/13/15 15:25	DSC	1508442
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/17/15 11:37	KLV	1508465

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof4-Petr-8-12**	Sampled:	08/12/15 15:00
Lab Sample ID:	**1508210-08**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 21:00 By: BAG
Dilution Factor:	100	Analyzed:	08/15/15 02:38 By: BAG
QC Batch:	1508523	Analytical Batch:	5H17010

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*97*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*98*	*87-113*
4-Bromofluorobenzene	*97*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508210**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Sof4-Petr-8-12**	Sampled:	08/12/15 15:00
Lab Sample ID:	**1508210-08**	Sampled By:	Phil Riley/Erin Hobbs
Matrix:	Concrete	Received:	08/12/15 17:25
Unit:	mg/L	Prepared:	08/14/15 08:30 By: ALK
Dilution Factor:	1	Analyzed:	08/14/15 16:19 By: ASC
QC Batch:	1508447	Analytical Batch:	5H14038

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*95*	*20-121*
Phenol-d6	*75*	*10-105*
Nitrobenzene-d5	*110*	*38-141*
2-Fluorobiphenyl	*114*	*41-132*
2,4,6-Tribromophenol	*105*	*20-142*
o-Terphenyl	*120*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1508424 3510C Liquid-Liquid Extraction/USEPA-8082A								
Method Blank					Analyzed:	08/14/2015	By: BJH	
Unit: ug/L					Analytical Batch:	5H14053		
PCB-1016			<0.20			--		0.20
PCB-1221			<0.20					0.20
PCB-1232			<0.20					0.20
PCB-1242			<0.20					0.20
PCB-1248			<0.20					0.20
PCB-1254			<0.20					0.20
PCB-1260			<0.20			--		0.20
Surrogates:								
Decachlorobiphenyl				*96*	*52-139*			
Tetrachloro-m-xylene				*85*	*26-118*			
Laboratory Control Sample					Analyzed:	08/14/2015	By: BJH	
Unit: ug/L					Analytical Batch:	5H14053		
PCB-1016		0.600	**0.525**	88	58-120	--		0.20
PCB-1260		0.600	**0.589**	98	62-131	--		0.20
Surrogates:								
Decachlorobiphenyl				*99*	*52-139*			
Tetrachloro-m-xylene				*86*	*26-118*			
QC Batch: 1508445 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	08/14/2015	By: BJH	
Unit: mg/kg					Analytical Batch:	5H17031		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33			--		0.33
Surrogates:								
Decachlorobiphenyl				*83*	*48-136*			
Tetrachloro-m-xylene				*88*	*22-169*			
Laboratory Control Sample					Analyzed:	08/14/2015	By: BJH	
Unit: mg/kg					Analytical Batch:	5H17031		
PCB-1016		0.199	**0.192**	97	68-139	--		0.33

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1508445 (Continued) 3545A PFE Extraction/USEPA-8082A								
Laboratory Control Sample (Continued)					Analyzed:	08/14/2015	By: BJH	
Unit: mg/kg					Analytical Batch:	5H17031		
PCB-1260		0.199	**0.197**	99	56-138	--		0.33
Surrogates:								
Decachlorobiphenyl				*90*	*48-136*			
Tetrachloro-m-xylene				*93*	*22-169*			
Matrix Spike 1508210-05 Sof6-Petr-8-12					Analyzed:	08/14/2015	By: BJH	
Unit: mg/kg					Analytical Batch:	5H17031		
PCB-1016	<0.33	0.203	**0.174**	86	56-173	--		0.33
PCB-1260	0.0125	0.203	**0.181**	83	39-156	--		0.33
Surrogates:								
Decachlorobiphenyl				*78*	*48-136*			
Tetrachloro-m-xylene				*75*	*22-169*			
Matrix Spike Duplicate 1508210-05 Sof6-Petr-8-12					Analyzed:	08/14/2015	By: BJH	
Unit: mg/kg					Analytical Batch:	5H17031		
PCB-1016	<0.33	0.201	**0.166**	82	56-173	5	30	0.33
PCB-1260	0.0125	0.201	**0.178**	82	39-156	2	30	0.33
Surrogates:								
Decachlorobiphenyl				*78*	*48-136*			
Tetrachloro-m-xylene				*71*	*22-169*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

QC Batch: 1508523 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank — Analyzed: 08/14/2015 By: BAG
Unit: mg/L — Analytical Batch: 5H17010

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10			--		0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank — Analyzed: 08/14/2015 By: BAG
Unit: ug/L — Analytical Batch: 5H17010

Surrogates:			
Dibromofluoromethane	*96*	*79-124*	
1,2-Dichloroethane-d4	*98*	*75-128*	
Toluene-d8	*97*	*87-113*	
4-Bromofluorobenzene	*98*	*70-121*	

Laboratory Control Sample — Analyzed: 08/14/2015 By: BAG
Unit: mg/L — Analytical Batch: 5H17010

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		4.00	**4.26**	107	77-122	--		0.10
Carbon Tetrachloride		4.00	**4.30**	108	77-132	--		0.10
Chlorobenzene		4.00	**4.13**	103	76-128	--		0.10
Chloroform		4.00	**4.09**	102	78-127	--		0.10
1,2-Dichloroethane		4.00	**4.08**	102	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.20**	105	71-129	--		0.10
2-Butanone (MEK)		4.00	**3.78**	94	32-178	--		5.0
Tetrachloroethene		4.00	**4.19**	105	78-131	--		0.10
Trichloroethene		4.00	**4.49**	112	72-129	--		0.10
Vinyl Chloride		4.00	**4.27**	107	66-139	--		0.10

Laboratory Control Sample — Analyzed: 08/14/2015 By: BAG
Unit: ug/L — Analytical Batch: 5H17010

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1508523 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 08/14/2015 By: BAG

Unit: ug/L Analytical Batch: 5H17010

Surrogates:		
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*98*	*75-128*
Toluene-d8	*100*	*87-113*
4-Bromofluorobenzene	*100*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1508447 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 08/14/2015 By: ASC
Unit: mg/L — Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0					1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*89*	*20-121*			
Phenol-d6				*66*	*10-105*			
Nitrobenzene-d5				*101*	*38-141*			
2-Fluorobiphenyl				*113*	*41-132*			
2,4,6-Tribromophenol				*86*	*20-142*			
o-Terphenyl				*121*	*39-148*			

Laboratory Control Sample — Analyzed: 08/14/2015 By: ASC
Unit: mg/L — Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.93**	96	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.47**	74	42-125	--		0.10
Hexachlorobenzene		2.00	**2.14**	107	26-141	--		0.10
Hexachlorobutadiene		2.00	**2.02**	101	39-120	--		0.10
Hexachloroethane		2.00	**1.88**	94	34-125	--		0.20
Nitrobenzene		2.00	**2.03**	102	52-129	--		0.20
Pyridine		2.00	**1.13**	56	5-120	--		1.0
Pentachlorophenol		2.00	**0.858**	43	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**1.59**	79	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**2.05**	102	36-137	--		0.60

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1508447 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 08/14/2015 By: ASC
Unit: mg/L Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
2-Methylphenol		2.00	**1.87**	93	37-125	--		0.20
3+4-Methylphenol		4.00	**3.26**	82	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*81*	*20-121*			
Phenol-d6				*65*	*10-105*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*105*	*41-132*			
2,4,6-Tribromophenol				*88*	*20-142*			
o-Terphenyl				*108*	*39-148*			

Matrix Spike 1508210-01 GR-8-11 Analyzed: 08/14/2015 By: ASC
Unit: mg/L Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**1.92**	96	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.66**	83	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.08**	104	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.99**	100	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**1.91**	96	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.30**	115	48-135	--		0.20
Pyridine	<1.0	2.00	**1.17**	59	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**1.03**	52	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**1.72**	86	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**1.75**	88	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**1.89**	95	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**3.46**	86	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*86*	*20-121*			
Phenol-d6				*68*	*10-105*			
Nitrobenzene-d5				*109*	*38-141*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1508447 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1508210-01 GR-8-11 — Analyzed: 08/14/2015 By: ASC
Unit: mg/L — Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
2-Fluorobiphenyl				*108*	*41-132*			
2,4,6-Tribromophenol				*96*	*20-142*			
o-Terphenyl				*108*	*39-148*			

Matrix Spike Duplicate 1508210-01 GR-8-11 — Analyzed: 08/14/2015 By: ASC
Unit: mg/L — Analytical Batch: 5H14038

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**1.96**	98	45-128	2	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.69**	85	41-130	2	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.15**	108	45-135	4	17	0.10
Hexachlorobutadiene	<0.10	2.00	**2.03**	102	33-107	2	20	0.10
Hexachloroethane	<0.20	2.00	**1.98**	99	46-134	4	19	0.20
Nitrobenzene	<0.20	2.00	**2.36**	118	48-135	3	16	0.20
Pyridine	<1.0	2.00	**1.11**	56	27-96	5	20	1.0
Pentachlorophenol	<1.5	2.00	**1.10**	55	42-106	7	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**1.76**	88	31-133	2	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**1.71**	86	35-132	2	25	0.60
2-Methylphenol	<0.20	2.00	**1.96**	98	38-118	4	20	0.20
3+4-Methylphenol	<0.20	4.00	**3.52**	88	26-89	2	37	0.20
Surrogates:								
2-Fluorophenol				*86*	*20-121*			
Phenol-d6				*72*	*10-105*			
Nitrobenzene-d5				*110*	*38-141*			
2-Fluorobiphenyl				*109*	*41-132*			
2,4,6-Tribromophenol				*99*	*20-142*			
o-Terphenyl				*110*	*39-148*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Flashpoint, Closed-Cup/USEPA-1020B									
QC Batch: 1508444 (General Inorganic Prep)							Analyzed: 08/13/2015		By: JMF
Method Blank			> 200	°F					68
Laboratory Control Sample		81.0	**80**	°F	99	80-120			68
1508210-05 [Sof6-Petr-8-12]									
Duplicate	> 200		> 200	°F			0	20	68
Analyte: Percent Solids/USEPA-3550C									
QC Batch: 1508457 (General Inorganic Prep)							Analyzed: 08/13/2015		By: KLA
Method Blank			<0.1	%					0.1
1508210-01 [GR-8-11]									
Duplicate	72		**73**	%			2	5	0.1

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**2.07**	mg/L	104	80-120			0.50
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**1.96**	mg/L	98	80-120			0.50
1508210-02 [Area 4-Water]									
Matrix Spike	<0.50	2.00	**1.86**	mg/L	93	75-125			0.50
Matrix Spike Duplicate	<0.50	2.00	**1.86**	mg/L	93	75-125	0.3	20	0.50
Analyte: Barium/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.441**	mg/L	110	80-120			0.35
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.405**	mg/L	101	80-120			0.35
1508210-02 [Area 4-Water]									
Matrix Spike	0.0948	0.400	**0.477**	mg/L	96	75-125			0.35
Matrix Spike Duplicate	0.0948	0.400	**0.478**	mg/L	96	75-125	0.1	20	0.35
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.411**	mg/L	103	80-120			0.050
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.397**	mg/L	99	80-120			0.050

Continued on next page

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Cadmium/USEPA-6010C (Continued)									
QC Batch: 1508468 (Continued) (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
1508210-02 [Area 4-Water]									
Matrix Spike	<0.050	0.400	**0.372**	mg/L	93	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.376**	mg/L	94	75-125	1	20	0.050
Analyte: Chromium/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.417**	mg/L	104	80-120			0.25
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.408**	mg/L	102	80-120			0.25
1508210-02 [Area 4-Water]									
Matrix Spike	<0.25	0.400	**0.384**	mg/L	96	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.389**	mg/L	97	75-125	1	20	0.25
Analyte: Copper/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.455**	mg/L	114	80-120			0.050
Analyte: Lead/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.415**	mg/L	104	80-120			0.25
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.409**	mg/L	102	80-120			0.25
1508210-02 [Area 4-Water]									
Matrix Spike	<0.25	0.400	**0.390**	mg/L	98	75-125			0.25

Continued on next page

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1508468 (Continued) (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
1508210-02 [Area 4-Water]									
Matrix Spike Duplicate	<0.25	0.400	**0.388**	mg/L	97	75-125	0.7	20	0.25
Analyte: Mercury/USEPA-7470A									
QC Batch: 1508442 (7470A TCLP Digestion)							Analyzed: 08/13/2015		By: DSC
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00197**	mg/L	98	80-120			0.00020
1508210-08 [Sof4-Petr-8-12]									
Matrix Spike	<0.00020	0.00200	**0.00190**	mg/L	95	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00186**	mg/L	93	80-120	2	20	0.00020
QC Batch: 1508443 (7470A TCLP Digestion)							Analyzed: 08/13/2015		By: DSC
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00196**	mg/L	98	80-120			0.00020
1508210-02 [Area 4-Water]									
Matrix Spike	<0.00020	0.00200	**0.00178**	mg/L	89	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00179**	mg/L	89	80-120	0.4	20	0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.08**	mg/L	104	80-120			0.20
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**1.92**	mg/L	96	80-120			0.20
1508210-02 [Area 4-Water]									
Matrix Spike	<0.20	2.00	**1.77**	mg/L	88	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.80**	mg/L	90	75-125	2	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1508465 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.050	mg/L					0.050

Continued on next page

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Silver/USEPA-6010C (Continued)									
QC Batch: 1508465 (Continued) (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Laboratory Control Sample		0.400	**0.448**	mg/L	112	80-120			0.050
QC Batch: 1508468 (3010A TCLP Digestion)							Analyzed: 08/17/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.411**	mg/L	103	80-120			0.050
1508210-02 [Area 4-Water]									
Matrix Spike	<0.050	0.400	**0.364**	mg/L	91	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.364**	mg/L	91	75-125	0.01	20	0.050

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (TCLP)	1508210-01	1508465	JBA	08/14/15 09:20
	1508210-02	1508468	JBA	08/14/15 09:20
	1508210-04	1508465	JBA	08/14/15 09:20
	1508210-05	1508465	JBA	08/14/15 09:20
	1508210-06	1508468	JBA	08/14/15 09:20
	1508210-08	1508465	JBA	08/14/15 09:20
USEPA-3510C Liquid-Liquid Extraction	1508210-03	1508424	JTS	08/13/15 08:00
	1508210-07	1508424	JTS	08/13/15 08:00
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1508210-01	1508447	ALK	08/14/15 08:30
	1508210-02	1508447	ALK	08/14/15 08:30
	1508210-04	1508447	ALK	08/14/15 08:30
	1508210-05	1508447	ALK	08/14/15 08:30
	1508210-06	1508447	ALK	08/14/15 08:30
	1508210-08	1508447	ALK	08/14/15 08:30
USEPA-3545A Pressurized Fluid Extraction (PFE)	1508210-01	1508445	ALK	08/13/15 08:10
	1508210-04	1508445	ALK	08/13/15 08:10
	1508210-05	1508445	ALK	08/13/15 08:10
	1508210-08	1508445	ALK	08/13/15 08:10
USEPA-3665A/3660B/3620C Acid-Sulfur-Florisil	1508210-01	5H13030	LJR	08/13/15 11:57
	1508210-03	5H13033	LJR	08/13/15 11:57
	1508210-04	5H13030	LJR	08/13/15 11:57
	1508210-05	5H13030	LJR	08/13/15 11:57
	1508210-07	5H13033	LJR	08/13/15 11:57
	1508210-08	5H13030	LJR	08/13/15 11:57
USEPA-7470A Mercury Digestion (TCLP)	1508210-01	1508442	ARB	08/13/15 11:45
	1508210-02	1508443	ARB	08/13/15 11:45
	1508210-04	1508442	ARB	08/13/15 11:45
	1508210-05	1508442	ARB	08/13/15 11:45
	1508210-06	1508443	ARB	08/13/15 11:45
	1508210-08	1508442	ARB	08/13/15 11:45
USEPA-1311 TCLP Extraction (Metals)	1508210-01	1508440	ARB	08/12/15 18:00
	1508210-02	1508440	ARB	08/12/15 18:00
	1508210-04	1508440	ARB	08/12/15 18:00
	1508210-05	1508440	ARB	08/12/15 18:00
	1508210-06	1508440	ARB	08/12/15 18:00
	1508210-08	1508440	ARB	08/12/15 18:00
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1508210-01	1508441	ARB	08/14/15 18:00
	1508210-02	1508441	ARB	08/14/15 18:00
	1508210-04	1508441	ARB	08/14/15 18:00
	1508210-05	1508441	ARB	08/14/15 18:00
	1508210-06	1508441	ARB	08/14/15 18:00
	1508210-08	1508441	ARB	08/14/15 18:00
USEPA-1311 ZHE Extraction (Volatiles)	1508210-01	1508485	ARB	08/13/15 17:55

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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
	1508210-02	1508485	ARB	08/13/15 17:55
	1508210-04	1508485	ARB	08/13/15 17:55
	1508210-05	1508485	ARB	08/13/15 17:55
	1508210-06	1508485	ARB	08/13/15 17:55
	1508210-08	1508485	ARB	08/13/15 17:55

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5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ 616.975.4500 ♦ Fax 616.942.7463 ♦ www.trimatrixlabs.com

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 152078

Pg. 1 of 1

For Lab Use Only

Cart: 7
VOA Rack/Tray: 72TW
Receipt Log No: 28.28
Project Chemist: [illegible]
Work Order No: 1508210

Client Name: CTI & Assoc
Address: 51331 W Pontiac Trail
City, State Zip: Wixom, MI 48393
Phone/Fax: 586-216-8857
Email: EHOBBS@CTICOMPANIES.COM MJERUE@CTICOMPANIES.COM

Project Name: JCI - Monroe
Client Project No. / P.O. No.:
Invoice To: ☐ Client ☐ Other (comments)
Contact/Report To: Erin Hobbs

Analyses Requested

Container Type (corresponds to Container Packing List): TCLP Metals; TCLP VOC; TCLP SVOC; PCBs

Number of Containers Submitted

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP VOC	TCLP SVOC	PCBs	Total	Sample Comments
		01	1 GR-8-11		8/11/15	10^40 A			Soil	X	X	X	X	1 methanol	1 16 oz glass jar
		02	2 Area 4-water		8/12/15	2^00 P			W	X	X	X	X	4 amber	1 glass jar
		03	3 Area 6-slab		8/12/15	12^45 P			Conc	X	X	X	X	1 bag	
		04	4 SOF 6-Petr-8-12		8/12/15	12^00 P			Conc	X	X	X	X	1 bag	
		05	5 Area 6-water		8/12/15	2^40 P			W	X	X	X	X	4 amber	1 glass jar
		06	6 SOF 4-Petr-8-12		8/12/15	3^00 P			Conc	X	X	X	X	1 bag	
			7												
			8												
			9												
			10												

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Sampled By (print): Phil Riley / Erin Hobbs
Sampler's Signature: [signature]
Company: CTI & Associates

How Shipped? Hand ___ Carrier TRI MATRIX
Tracking No.

Comments: Rush

	Date	Time
1. Relinquished By: E. Hobbs	8/12/15	1505
1. Received By: [signature]	8-12-15	1505
2. Relinquished By: [signature]	8.12.15	1725
2. Received By		
3. Relinquished By		
3. Received For Lab By: [signature]	8.12.15	1725

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: CTI
Receipt Record Page/Line #: 28.28
Work Order #:
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): WC 8.12.15

☑ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____) ☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Type	Coolant Location	Temp Blank Present	If Present, Temperature Blank Location is
Tm 3138	1840	☑ None ☐ Present / Intact ☐ Present / Not Intact	☑ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	(Dispersed) / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	5.2	-	5.2
Sample 2:	5.2	-	5.2
Sample 3:	5.1	-	5.1
3 Sample Average °C:	5.2		

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By ____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other ____

COC Information

☑ TriMatrix COC ☐ Other ____

COC ID Numbers:

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Temperature Blank OR average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: ____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
		☑	Received pre-preserved VOC soils?

☑ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☑	VOC vials / TOX containers have headspace?
☑	☐	☑	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
8.12.15 1725	8.12.15 1845	Yes / (No)

August 26, 2015

CTI and Associates, Inc.
Attn: Ms. Erin Hobbs
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Erin Hobbs,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1508343	08/19/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Metals by EPA 1311/6000/7000 Series Methods

Narrative: This analyte was not present in this sample at a concentration greater than 50 times the MDL, therefore serial dilution is not required.

Analysis: USEPA-6010C

Sample/Analyte: 1508343-01 Area 6-Slab-8-19 Selenium

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualification is required.

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508343**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab-8-19**	Sampled:	08/19/15 11:45
Lab Sample ID:	**1508343-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	08/19/15 16:00
Unit:	mg/kg	Prepared:	08/20/15 09:13 By: ALK
Dilution Factor:	1	Analyzed:	08/22/15 20:57 By: MSZ
QC Batch:	1508728	Analytical Batch:	5H23002

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*80*	*48-136*
Tetrachloro-m-xylene	*84*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508343**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab-8-19**	Sampled:	08/19/15 11:45
Lab Sample ID:	**1508343-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	08/19/15 16:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Barium	**0.41**	0.35	100	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/25/15 09:02	DSC	1508838
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/24/15 11:58	KLV	1508815

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508343**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Area 6-Slab-8-19**	Sampled:	08/19/15 11:45
Lab Sample ID:	**1508343-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	08/19/15 16:00
Unit:	mg/L	Prepared:	08/24/15 07:00 By: DLV
Dilution Factor:	100	Analyzed:	08/24/15 12:21 By: DLV
QC Batch:	1508869	Analytical Batch:	5H24023

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*86*	*79-124*
1,2-Dichloroethane-d4	*104*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*96*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508343**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Area 6-Slab-8-19**	Sampled:	08/19/15 11:45		
Lab Sample ID:	**1508343-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	08/19/15 16:00		
Unit:	mg/L	Prepared:	08/21/15 09:06	By:	ALK
Dilution Factor:	1	Analyzed:	08/22/15 00:34	By:	DWJ
QC Batch:	1508797	Analytical Batch:	5H25065		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*63*	*20-121*
Phenol-d6	*48*	*10-105*
Nitrobenzene-d5	*79*	*38-141*
2-Fluorobiphenyl	*77*	*41-132*
2,4,6-Tribromophenol	*59*	*20-142*
o-Terphenyl	*87*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1508728 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	08/22/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H23002		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33			--		0.33
Surrogates:								
Decachlorobiphenyl				*89*	*48-136*			
Tetrachloro-m-xylene				*93*	*22-169*			
Laboratory Control Sample					Analyzed:	08/22/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H23002		
PCB-1016		0.203	**0.159**	78	68-139	--		0.33
PCB-1260		0.203	**0.176**	87	56-138	--		0.33
Surrogates:								
Decachlorobiphenyl				*83*	*48-136*			
Tetrachloro-m-xylene				*82*	*22-169*			
Matrix Spike 1508343-01 Area 6-Slab-8-19					Analyzed:	08/22/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H23002		
PCB-1016	<0.33	0.200	**0.163**	82	56-173	--		0.33
PCB-1260	0.0166	0.200	**0.184**	84	39-156	--		0.33
Surrogates:								
Decachlorobiphenyl				*80*	*48-136*			
Tetrachloro-m-xylene				*84*	*22-169*			
Matrix Spike Duplicate 1508343-01 Area 6-Slab-8-19					Analyzed:	08/22/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H23002		
PCB-1016	<0.33	0.201	**0.171**	85	56-173	5	30	0.33
PCB-1260	0.0166	0.201	**0.193**	88	39-156	5	30	0.33
Surrogates:								
Decachlorobiphenyl				*85*	*48-136*			
Tetrachloro-m-xylene				*87*	*22-169*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1508869 5030B MS TCLP/USEPA-8260B								
Method Blank					Analyzed:	08/24/2015	By: DLV	
Unit: mg/L					Analytical Batch:	5H24023		
Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0			--		5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10
Method Blank					Analyzed:	08/24/2015	By: DLV	
Unit: ug/L					Analytical Batch:	5H24023		
Surrogates:								
Dibromofluoromethane				*92*	*79-124*			
1,2-Dichloroethane-d4				*102*	*75-128*			
Toluene-d8				*97*	*87-113*			
4-Bromofluorobenzene				*101*	*70-121*			
Laboratory Control Sample					Analyzed:	08/24/2015	By: DLV	
Unit: mg/L					Analytical Batch:	5H24023		
Benzene		4.00	**4.18**	104	77-122	--		0.10
Carbon Tetrachloride		4.00	**4.46**	112	77-132	--		0.10
Chlorobenzene		4.00	**4.01**	100	76-128	--		0.10
Chloroform		4.00	**4.16**	104	78-127	--		0.10
1,2-Dichloroethane		4.00	**4.30**	108	78-125	--		0.10
1,1-Dichloroethene		4.00	**3.85**	96	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.16**	104	32-178	--		5.0
Tetrachloroethene		4.00	**3.96**	99	78-131	--		0.10
Trichloroethene		4.00	**3.90**	98	72-129	--		0.10
Vinyl Chloride		4.00	**4.25**	106	66-139	--		0.10
Laboratory Control Sample					Analyzed:	08/24/2015	By: DLV	
Unit: ug/L					Analytical Batch:	5H24023		

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TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

QC Batch: 1508869 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 08/24/2015 By: DLV
Unit: ug/L Analytical Batch: 5H24023

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
Dibromofluoromethane				*103*	*79-124*			
1,2-Dichloroethane-d4				*106*	*75-128*			
Toluene-d8				*99*	*87-113*			
4-Bromofluorobenzene				*105*	*70-121*			

Matrix Spike 1508343-01 Area 6-Slab-8-19 Analyzed: 08/24/2015 By: DLV
Unit: mg/L Analytical Batch: 5H24023

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<0.10	4.00	**4.07**	102	71-124	--		0.10
Carbon Tetrachloride	<0.10	4.00	**4.36**	109	58-141	--		0.10
Chlorobenzene	<0.10	4.00	**3.92**	98	79-121	--		0.10
Chloroform	<0.10	4.00	**4.15**	104	72-125	--		0.10
1,2-Dichloroethane	<0.10	4.00	**4.29**	107	62-131	--		0.10
1,1-Dichloroethene	<0.10	4.00	**4.10**	103	59-135	--		0.10
2-Butanone (MEK)	0.110	4.00	**4.51**	110	10-183	--		5.0
Tetrachloroethene	<0.10	4.00	**3.96**	99	65-138	--		0.10
Trichloroethene	<0.10	4.00	**3.86**	96	64-133	--		0.10
Vinyl Chloride	<0.10	4.00	**4.13**	103	50-141	--		0.10

Matrix Spike 1508343-01 Area 6-Slab-8-19 Analyzed: 08/24/2015 By: DLV
Unit: ug/L Analytical Batch: 5H24023

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
Dibromofluoromethane				*98*	*79-124*			
1,2-Dichloroethane-d4				*105*	*75-128*			
Toluene-d8				*98*	*87-113*			
4-Bromofluorobenzene				*101*	*70-121*			

Matrix Spike Duplicate 1508343-01 Area 6-Slab-8-19 Analyzed: 08/24/2015 By: DLV
Unit: mg/L Analytical Batch: 5H24023

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<0.10	4.00	**4.22**	105	71-124	4	16	0.10
Carbon Tetrachloride	<0.10	4.00	**4.62**	116	58-141	6	17	0.10
Chlorobenzene	<0.10	4.00	**4.07**	102	79-121	4	16	0.10
Chloroform	<0.10	4.00	**4.26**	106	72-125	3	15	0.10
1,2-Dichloroethane	<0.10	4.00	**4.29**	107	62-131	0.05	18	0.10

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1508869 (Continued) 5030B MS TCLP/USEPA-8260B								
Matrix Spike Duplicate (Continued) 1508343-01 Area 6-Slab-8-19					Analyzed:	08/24/2015	By: DLV	
Unit: mg/L					Analytical Batch:	5H24023		
1,1-Dichloroethene	<0.10	4.00	**4.35**	109	59-135	6	20	0.10
2-Butanone (MEK)	0.110	4.00	**4.44**	108	10-183	2	20	5.0
Tetrachloroethene	<0.10	4.00	**4.06**	101	65-138	2	17	0.10
Trichloroethene	<0.10	4.00	**3.92**	98	64-133	2	18	0.10
Vinyl Chloride	<0.10	4.00	**4.33**	108	50-141	5	22	0.10
Matrix Spike Duplicate 1508343-01 Area 6-Slab-8-19					Analyzed:	08/24/2015	By: DLV	
Unit: ug/L					Analytical Batch:	5H24023		

Surrogates:

Dibromofluoromethane	*102*	*79-124*
1,2-Dichloroethane-d4	*104*	*75-128*
Toluene-d8	*100*	*87-113*
4-Bromofluorobenzene	*105*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1508797 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 08/21/2015 By: DWJ
Unit: mg/L — Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20					0.20
Pyridine			<1.0					1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*89*	*20-121*			
Phenol-d6				*67*	*10-105*			
Nitrobenzene-d5				*98*	*38-141*			
2-Fluorobiphenyl				*94*	*41-132*			
2,4,6-Tribromophenol				*87*	*20-142*			
o-Terphenyl				*103*	*39-148*			

Laboratory Control Sample — Analyzed: 08/21/2015 By: DWJ
Unit: mg/L — Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.80**	90	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.59**	80	42-125	--		0.10
Hexachlorobenzene		2.00	**1.89**	95	26-141	--		0.10
Hexachlorobutadiene		2.00	**2.01**	100	39-120	--		0.10
Hexachloroethane		2.00	**1.82**	91	34-125	--		0.20
Nitrobenzene		2.00	**2.09**	104	52-129	--		0.20
Pyridine		2.00	**1.57**	78	5-120	--		1.0
Pentachlorophenol		2.00	**1.02**	51	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**1.65**	82	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**1.58**	79	36-137	--		0.60

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1508797 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 08/21/2015 By: DWJ
Unit: mg/L Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
2-Methylphenol		2.00	**1.70**	85	37-125	--		0.20
3+4-Methylphenol		4.00	**3.27**	82	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*82*	*20-121*			
Phenol-d6				*63*	*10-105*			
Nitrobenzene-d5				*101*	*38-141*			
2-Fluorobiphenyl				*94*	*41-132*			
2,4,6-Tribromophenol				*89*	*20-142*			
o-Terphenyl				*104*	*39-148*			

Matrix Spike 1508343-01 Area 6-Slab-8-19 Analyzed: 08/22/2015 By: DWJ
Unit: mg/L Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**1.70**	85	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.42**	71	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**1.71**	85	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**1.79**	89	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**1.74**	87	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**1.79**	89	48-135	--		0.20
Pyridine	<1.0	2.00	**1.51**	76	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**0.940**	47	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**1.59**	80	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**1.60**	80	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**1.77**	89	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**3.15**	79	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*82*	*20-121*			
Phenol-d6				*63*	*10-105*			
Nitrobenzene-d5				*96*	*38-141*			

Continued on next page

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1508797 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1508343-01 Area 6-Slab-8-19 — Analyzed: 08/22/2015 By: DWJ
Unit: mg/L — Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
2-Fluorobiphenyl				*89*	*41-132*			
2,4,6-Tribromophenol				*82*	*20-142*			
o-Terphenyl				*95*	*39-148*			

Matrix Spike Duplicate 1508343-01 Area 6-Slab-8-19 — Analyzed: 08/22/2015 By: DWJ
Unit: mg/L — Analytical Batch: 5H25065

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**1.67**	84	45-128	2	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.50**	75	41-130	5	16	0.10
Hexachlorobenzene	<0.10	2.00	**1.80**	90	45-135	5	17	0.10
Hexachlorobutadiene	<0.10	2.00	**1.72**	86	33-107	4	20	0.10
Hexachloroethane	<0.20	2.00	**1.72**	86	46-134	1	19	0.20
Nitrobenzene	<0.20	2.00	**1.77**	89	48-135	0.8	16	0.20
Pyridine	<1.0	2.00	**1.53**	77	27-96	1	20	1.0
Pentachlorophenol	<1.5	2.00	**0.974**	49	42-106	4	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**1.56**	78	31-133	2	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**1.57**	79	35-132	2	25	0.60
2-Methylphenol	<0.20	2.00	**1.74**	87	38-118	2	20	0.20
3+4-Methylphenol	<0.20	4.00	**3.18**	80	26-89	1	37	0.20
Surrogates:								
2-Fluorophenol				*78*	*20-121*			
Phenol-d6				*60*	*10-105*			
Nitrobenzene-d5				*92*	*38-141*			
2-Fluorobiphenyl				*90*	*41-132*			
2,4,6-Tribromophenol				*80*	*20-142*			
o-Terphenyl				*97*	*39-148*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.03**	mg/L	102	80-120			0.20
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	<0.20	2.00	**2.10**	mg/L	105	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**2.07**	mg/L	103	75-125	2	20	0.20
Analyte: Barium/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		0.400	**0.416**	mg/L	104	80-120			0.20
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	0.412	0.400	**0.808**	mg/L	99	75-125			0.20
Matrix Spike Duplicate	0.412	0.400	**0.780**	mg/L	92	75-125	4	20	0.20
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.010	mg/L					0.010
Laboratory Control Sample		0.400	**0.395**	mg/L	99	80-120			0.010
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	<0.010	0.400	**0.377**	mg/L	94	75-125			0.010
Matrix Spike Duplicate	<0.010	0.400	**0.375**	mg/L	94	75-125	0.5	20	0.010
Analyte: Chromium/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.080	mg/L					0.080
Laboratory Control Sample		0.400	**0.393**	mg/L	98	80-120			0.080
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	0.230	0.400	**0.615**	mg/L	96	75-125			0.080
Matrix Spike Duplicate	0.230	0.400	**0.609**	mg/L	95	75-125	1	20	0.080
Analyte: Lead/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.10	mg/L					0.10

Continued on next page

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1508815 (Continued) (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Laboratory Control Sample		0.400	**0.374**	mg/L	93	80-120			0.10
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	0.0212	0.400	**0.378**	mg/L	89	75-125			0.10
Matrix Spike Duplicate	0.0212	0.400	**0.384**	mg/L	91	75-125	2	20	0.10
Analyte: Mercury/USEPA-7470A									
QC Batch: 1508838 (7470A TCLP Digestion)							Analyzed: 08/25/2015		By: DSC
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00191**	mg/L	96	80-120			0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.03**	mg/L	101	80-120			0.20
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	0.131	2.00	**2.21**	mg/L	104	75-125			0.20
Matrix Spike Duplicate	0.131	2.00	**2.13**	mg/L	100	75-125	4	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1508815 (3010A TCLP Digestion)							Analyzed: 08/24/2015		By: KLV
Method Blank			<0.010	mg/L					0.010
Laboratory Control Sample		0.400	**0.425**	mg/L	106	80-120			0.010
1508343-01 [Area 6-Slab-8-19]									
Matrix Spike	<0.010	0.400	**0.436**	mg/L	109	75-125			0.010
Matrix Spike Duplicate	<0.010	0.400	**0.426**	mg/L	107	75-125	2	20	0.010

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PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (TCLP)	1508343-01	1508815	JBA	08/21/15 07:45
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1508343-01	1508797	ALK	08/21/15 09:06
USEPA-3545A Pressurized Fluid Extraction (PFE)	1508343-01	1508728	ALK	08/20/15 09:13
USEPA-3665A/3660B Sulfuric Acid/Sulfur Cleanup	1508343-01	5H20036	LJR	08/20/15 12:37
USEPA-7470A Mercury Digestion (TCLP)	1508343-01	1508838	ARB	08/24/15 13:15
USEPA-1311 TCLP Extraction (Metals)	1508343-01	1508813	JBA	08/20/15 13:35
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1508343-01	1508814	JBA	08/20/15 13:35
USEPA-1311 ZHE Extraction (Volatiles)	1508343-01	1508485	ARB	08/20/15 15:10

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Chain of Custody Record

COC No. 15080807

Pg. 1 of 1

For Lab Use Only
Cart: Hood
VOA Rack/Tray: -
Receipt Log No.: 40-25
Project Chemist: GLW
Work Order No.: 1508343

Client Name: CTI & Assoc
Address: 51331 W Pontiac Trail
City, State Zip: Wixom, MI 48310
Phone/Fax:
Email: [redacted] EHOBBS@CTICOMPANIES.COM

Project Name:
Client Project No. / P.O. No.:
Invoice To: ☐ Client ☐ Other (comments)
Contact/Report To: E. Hobbs / M. Jerue

Analyses Requested

⇦ PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP Metals	TCLP SVOC	TCLP VOC	PCB	Total	Sample Comments
02	-	01	1	Area 6-Slab-8-19		8/19/15	1145			Conc	1 Bag				0	
			2												0	
			3												0	
			4												0	
			5												0	
			6												0	
			7												0	
			8												0	
			9												0	
			10												0	

Container Type (corresponds to Container Packing List)
Number of Containers Submitted

Sampled By (print): Erin Hobbs
Sampler's Signature:
Company: CTI

How Shipped? Hand ___ Carrier: Tri-Matrix
Tracking No.:

Comments: Rush

	Relinquished By	Date	Time	Received By	Date	Time
1	E. Hobbs	8/19/15	1145	Reg Johnson	8/19/15	1335
2	Reg Johnson	8/19/15	1600			
3				3. Received For Lab By: [illegible]	8/19/15	1100

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: CTI & Assoc.
Receipt Record Page/Line #: 40-25
Work Order #: 1508343
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): JN 8/19/15
☑ Cooler ☐ Box ☑ Other Bag
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #	–	Time	1717

Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☑ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	22.2	0	22.2
Sample 2:			
Sample 3:			

3 Sample Average °C: 22.2
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Cooler #		Time	

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Cooler #		Time	

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

Cooler #		Time	

Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			

3 Sample Average °C:
☐ Cooler ID on COC?
☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____
COC ID Numbers: 15080807

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank **OR** average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐		Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 8/19/15	8/19/15	Yes / No

August 31, 2015

CTI and Associates, Inc.
Attn: Ms. Erin Hobbs
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Erin Hobbs,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1508442	08/25/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualification is required.

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508442**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**GR-SLAB-Sof4-8-25**	Sampled:	08/25/15 10:00		
Lab Sample ID:	**1508442-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	08/25/15 16:35		
Unit:	mg/kg	Prepared:	08/26/15 08:10	By:	ALK
Dilution Factor:	1	Analyzed:	08/27/15 16:56	By:	MSZ
QC Batch:	1509037	Analytical Batch:	5H28023		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*71*	*48-136*
Tetrachloro-m-xylene	*60*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508442**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-SLAB-Sof4-8-25**	Sampled:	08/25/15 10:00
Lab Sample ID:	**1508442-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	08/25/15 16:35

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Barium	**0.44**	0.35	100	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Chromium	**1.6**	0.25	5	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	08/28/15 09:25	DSC	1509101
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	08/28/15 09:31	KLV	1509045

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508442**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**GR-SLAB-Sof4-8-25**	Sampled:	08/25/15 10:00
Lab Sample ID:	**1508442-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	08/25/15 16:35
Unit:	mg/L	Prepared:	08/27/15 07:00 By: DLV
Dilution Factor:	100	Analyzed:	08/27/15 14:51 By: DLV
QC Batch:	1509113	Analytical Batch:	5H27050

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*95*	*79-124*
1,2-Dichloroethane-d4	*102*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*92*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508442**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**GR-SLAB-Sof4-8-25**	Sampled:	08/25/15 10:00		
Lab Sample ID:	**1508442-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	08/25/15 16:35		
Unit:	mg/L	Prepared:	08/27/15 08:00	By:	JTS
Dilution Factor:	1	Analyzed:	08/28/15 11:58	By:	JLB
QC Batch:	1508901	Analytical Batch:	5H28047		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*94*	*20-121*
Phenol-d6	*74*	*10-105*
Nitrobenzene-d5	*110*	*38-141*
2-Fluorobiphenyl	*116*	*41-132*
2,4,6-Tribromophenol	*116*	*20-142*
o-Terphenyl	*127*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1509037 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	08/27/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H28023		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33			--		0.33
Surrogates:								
Decachlorobiphenyl				*86*	*48-136*			
Tetrachloro-m-xylene				*96*	*22-169*			
Laboratory Control Sample					Analyzed:	08/27/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H28023		
PCB-1016		0.201	**0.182**	90	68-139	--		0.33
PCB-1260		0.201	**0.195**	97	56-138	--		0.33
Surrogates:								
Decachlorobiphenyl				*96*	*48-136*			
Tetrachloro-m-xylene				*97*	*22-169*			
Matrix Spike 1508442-01 GR-SLAB-Sof4-8-25					Analyzed:	08/27/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H28023		
PCB-1016	<0.33	0.197	**0.172**	87	56-173	--		0.33
PCB-1260	0.0414	0.197	**0.173**	67	39-156	--		0.33
Surrogates:								
Decachlorobiphenyl				*79*	*48-136*			
Tetrachloro-m-xylene				*68*	*22-169*			
Matrix Spike Duplicate 1508442-01 GR-SLAB-Sof4-8-25					Analyzed:	08/27/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5H28023		
PCB-1016	<0.33	0.199	**0.178**	89	56-173	3	30	0.33
PCB-1260	0.0414	0.199	**0.173**	66	39-156	0.3	30	0.33
Surrogates:								
Decachlorobiphenyl				*80*	*48-136*			
Tetrachloro-m-xylene				*69*	*22-169*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509113 5030B MS TCLP/USEPA-8260B

Method Blank — Analyzed: 08/27/2015 By: DLV
Unit: mg/L — Analytical Batch: 5H27050

Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10			--		0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank — Analyzed: 08/27/2015 By: DLV
Unit: ug/L — Analytical Batch: 5H27050

Surrogates:		
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*94*	*70-121*

Laboratory Control Sample — Analyzed: 08/27/2015 By: DLV
Unit: mg/L — Analytical Batch: 5H27050

Benzene		0.400	**0.423**	106	77-122	--		0.010
Carbon Tetrachloride		0.400	**0.456**	114	77-132	--		0.010
Chlorobenzene		0.400	**0.408**	102	76-128	--		0.010
Chloroform		0.400	**0.421**	105	78-127	--		0.010
1,2-Dichloroethane		0.400	**0.422**	105	78-125	--		0.010
1,1-Dichloroethene		0.400	**0.436**	109	71-129	--		0.010
2-Butanone (MEK)		0.400	**0.375**	94	32-178	--		0.50
Tetrachloroethene		0.400	**0.416**	104	78-131	--		0.010
Trichloroethene		0.400	**0.418**	105	72-129	--		0.010
Vinyl Chloride		0.400	**0.446**	112	66-139	--		0.010

Laboratory Control Sample — Analyzed: 08/27/2015 By: DLV
Unit: ug/L — Analytical Batch: 5H27050

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509113 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 08/27/2015 By: DLV

Unit: ug/L Analytical Batch: 5H27050

Surrogates:		
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*99*	*75-128*
Toluene-d8	*102*	*87-113*
4-Bromofluorobenzene	*102*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1508901 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 08/28/2015 By: JLB
Unit: mg/L — Analytical Batch: 5H28047

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0					1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*87*	*20-121*			
Phenol-d6				*65*	*10-105*			
Nitrobenzene-d5				*102*	*38-141*			
2-Fluorobiphenyl				*109*	*41-132*			
2,4,6-Tribromophenol				*112*	*20-142*			
o-Terphenyl				*123*	*39-148*			

Laboratory Control Sample — Analyzed: 08/28/2015 By: JLB
Unit: mg/L — Analytical Batch: 5H28047

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**2.07**	104	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**2.48**	124	42-125	--		0.10
Hexachlorobenzene		2.00	**2.28**	114	26-141	--		0.10
Hexachlorobutadiene		2.00	**2.24**	112	39-120	--		0.10
Hexachloroethane		2.00	**2.00**	100	34-125	--		0.20
Nitrobenzene		2.00	**2.11**	105	52-129	--		0.20
Pyridine		2.00	**1.77**	88	5-120	--		1.0
Pentachlorophenol		2.00	**1.88**	94	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**2.27**	113	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**2.33**	117	36-137	--		0.60

Continued on next page

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1508901 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 08/28/2015 By: JLB
Unit: mg/L Analytical Batch: 5H28047

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
2-Methylphenol		2.00	**1.86**	93	37-125	--		0.20
3+4-Methylphenol		2.00	**1.87**	94	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*88*	*20-121*			
Phenol-d6				*69*	*10-105*			
Nitrobenzene-d5				*107*	*38-141*			
2-Fluorobiphenyl				*112*	*41-132*			
2,4,6-Tribromophenol				*120*	*20-142*			
o-Terphenyl				*116*	*39-148*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**2.13**	mg/L	107	80-120			0.50
Analyte: Barium/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.432**	mg/L	108	80-120			0.35
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.400**	mg/L	100	80-120			0.050
Analyte: Chromium/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.394**	mg/L	99	80-120			0.25
Analyte: Lead/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.398**	mg/L	100	80-120			0.25
Analyte: Mercury/USEPA-7470A									
QC Batch: 1509101 (7470A TCLP Digestion)							Analyzed: 08/28/2015		By: DSC
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00216**	mg/L	108	80-120			0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)							Analyzed: 08/28/2015		By: KLV
Method Blank			<0.20	mg/L					0.20

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Selenium/USEPA-6010C (Continued)									
QC Batch: 1509045 (Continued) (3010A TCLP Digestion)								Analyzed: 08/28/2015	By: KLV
Laboratory Control Sample		2.00	**2.13**	mg/L	107	80-120			0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1509045 (3010A TCLP Digestion)								Analyzed: 08/28/2015	By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.436**	mg/L	109	80-120			0.050

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PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (TCLP)	1508442-01	1509045	JBA	08/27/15 08:30
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1508442-01	1508901	JTS	08/27/15 08:00
USEPA-3545A Pressurized Fluid Extraction (PFE)	1508442-01	1509037	ALK	08/26/15 08:10
USEPA-3665A/3660B Sulfuric Acid/Sulfur Cleanup	1508442-01	5H26049	LJR	08/26/15 13:45
USEPA-7470A Mercury Digestion (TCLP)	1508442-01	1509101	ARB	08/27/15 14:05
USEPA-1311 TCLP Extraction (Metals)	1508442-01	1509040	ARB	08/26/15 13:50
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1508442-01	1509041	ARB	08/26/15 13:50
USEPA-1311 ZHE Extraction (Volatiles)	1508442-01	1508983	JBA	08/26/15 14:15

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Chain of Custody Record

COC No. 15080705

Pg. 1 of 1

For Lab Use Only

Cart: Hood Fridge

VOA Rack/Tray: -

Receipt Log No.: 49-20

Project Chemist:

Work Order No.: 1506442

Client Name: CTI & Associates

Address: 51331 W Pontiac Tr

City, State Zip: Wixom, MI 48393

Phone/Fax: 586-216-8857

Email: EHOBBS@CTICOMPANIES.COM

Project Name: JCI-Monroe St

Client Project No. / P.O. No.:

Invoice To: ☐ Client ☐ Other (comments)

Contact/Report To: E. Hobbs / M. Jerue

Analyses Requested

PRESERVATIVES
- A NONE pH~7
- B HNO_3 pH<2
- C H_2SO_4 pH<2
- D 1+1 HCl pH<2
- E NaOH pH>12
- F ZnAc/NaOH pH>9
- G MeOH
- H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP METALS	TCLP SVOC	TCLP VOC	PCB	Total	Sample Comments
		01	1 GR-SLAB-S of 4-8-25		8/25/15	10:00			Conc	1	BAG			0	
			2											0	
			3											0	
			4											0	
			5											0	
			6											0	
			7											0	
			8											0	
			9											0	
			10											0	

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

Sampled By (print): Erin Hobbs

Sampler's Signature:

Company: CTI

How Shipped? Hand ____ Carrier: Tri-Matrix

Tracking No.:

Comments: RUSH

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
E. Hobbs	8/25/15	1200	[illegible]	8/25/15	1635			

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
[illegible]	8/25/15	12:04				[illegible]	8/25/15	1135

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: CTI & Assoc.	Work Order #: 1508442
Receipt Record Page/Line #: 49-30	New / Add To:
	Project Chemist:
	Sample #s:

Recorded by (initials/date): JN 8/25/15	☐ Cooler ☑ Box ☐ Other	Qty Received: 1	Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler # / Time	Cooler # / Time	Cooler # / Time	Cooler # / Time
Box / 1804			
Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☑ Blue Ice ☑ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No	Temp Blank Present: ☐ Yes ☐ No
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative	If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:	19.2	0	19.2
Sample 2:			
Sample 3:			
3 Sample Average °C:	19.2		
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☑	☐	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other_____

COC ID Numbers: 15080705

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank **OR** average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑		☐	If "Yes", Project Chemist Approval Initials:_____
☑		☐	If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑		☐	Completed Sample Preservation Verification Form?
☑		☐	Samples chemically preserved correctly?
☑		☐	If "No", added orange tag?
		☐	☑ Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged containers
- ☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 8/25/15	8/25/15	Yes / No

September 03, 2015

CTI and Associates, Inc.
Attn: Ms. Erin Hobbs
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Erin Hobbs,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	**Received**	**Description**
1508505	08/29/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Narrative: Due to sample volumes, batch matrix quality control (QC) was not performed for this analysis. A Method Blank and Laboratory Control Sample comprise the batch QC.

Analysis: USEPA-8082A

Sample/Analyte: 1508505-01 Well Vault - Water

Narrative: PCB 1260 was reported for this sample. The pattern match resembles PCB 1260, PCB 1262, or a combination of both.

Analysis: USEPA-8082A

Sample/Analyte: 1508505-01 Well Vault - Water PCB-1260

Narrative: Surrogate results are unavailable due to positive results in the sample, resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8082A

Sample/Analyte: 1508505-01 Well Vault - Water

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PROJECT TECHNICAL NARRATIVE(s)

Semivolatile Organic Compounds by EPA Method 8270C

Narrative: Due to sample volumes, batch matrix quality control (QC) was not performed for this analysis. A Method Blank and Laboratory Control Sample comprise the batch QC.

Analysis: USEPA-8270C

Sample/Analyte: 1508505-01 Well Vault - Water

Narrative: Manual integration was required on the analytes listed below. All manual integrations were performed and reviewed in accordance with TriMatrix laboratory policy.

Analysis: USEPA-8270C

1509214-BLK1	Butyl Benzyl Phthalate
1509214-BLK1	Di-n-octyl Phthalate
1509214-BLK1	Phenol-d6
1509214-BS1	Phenol-d6

Narrative: Surrogate results are unavailable due to sample matrix interference(s), resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8270C

Sample/Analyte: 1508505-01 Well Vault - Water

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STATEMENT OF DATA QUALIFICATIONS

Total Metals by EPA 6000/7000 Series Methods

Qualification: The MS and/or MSD recovery was outside the laboratory or method control limit.
Analysis: USEPA-7470A
Sample/Analyte: 1508505-01 Well Vault - Water Mercury

Qualification: The RPD between the MS and MSD results exceeded the laboratory or method control limit.
Analysis: USEPA-7470A
Sample/Analyte: 1508505-01 Well Vault - Water Mercury

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 09:45	By:	LJR
Dilution Factor:	100	Analyzed:	09/02/15 13:14	By:	MSZ
QC Batch:	1509216	Analytical Batch:	5I02048		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL
12674-11-2	PCB-1016	<20	20
11104-28-2	PCB-1221	<20	20
11141-16-5	PCB-1232	<20	20
53469-21-9	PCB-1242	<20	20
12672-29-6	PCB-1248	<20	20
11097-69-1	PCB-1254	<20	20
11096-82-5	PCB-1260	**49**	20

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 07:00	By:	DLV
Dilution Factor:	20	Analyzed:	08/31/15 18:17	By:	DLV
QC Batch:	1509221	Analytical Batch:	5H31031		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<400	400
107-13-1	Acrylonitrile	<40	40
71-43-2	Benzene	<20	20
108-86-1	Bromobenzene	<20	20
74-97-5	Bromochloromethane	<20	20
75-27-4	Bromodichloromethane	<20	20
75-25-2	Bromoform	<20	20
74-83-9	Bromomethane	<100	100
104-51-8	n-Butylbenzene	<20	20
135-98-8	sec-Butylbenzene	<20	20
98-06-6	tert-Butylbenzene	<20	20
75-15-0	Carbon Disulfide	<20	20
56-23-5	Carbon Tetrachloride	<20	20
108-90-7	Chlorobenzene	**53**	20
75-00-3	Chloroethane	<100	100
67-66-3	Chloroform	<20	20
74-87-3	Chloromethane	<100	100
96-12-8	1,2-Dibromo-3-chloropropane	<100	100
124-48-1	Dibromochloromethane	<20	20
106-93-4	1,2-Dibromoethane	<20	20
74-95-3	Dibromomethane	<20	20
110-57-6	trans-1,4-Dichloro-2-butene	<20	20
95-50-1	1,2-Dichlorobenzene	**32**	20
541-73-1	1,3-Dichlorobenzene	<20	20
106-46-7	1,4-Dichlorobenzene	<20	20
75-71-8	Dichlorodifluoromethane	<100	100
75-34-3	1,1-Dichloroethane	<20	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 07:00	By:	DLV
Dilution Factor:	20	Analyzed:	08/31/15 18:17	By:	DLV
QC Batch:	1509221	Analytical Batch:	5H31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
156-59-2	cis-1,2-Dichloroethene	**1700**	20
156-60-5	trans-1,2-Dichloroethene	<20	20
78-87-5	1,2-Dichloropropane	<20	20
10061-01-5	cis-1,3-Dichloropropene	<20	20
10061-02-6	trans-1,3-Dichloropropene	<20	20
100-41-4	Ethylbenzene	<20	20
60-29-7	Ethyl Ether	<100	100
591-78-6	2-Hexanone	<100	100
74-88-4	Iodomethane	<20	20
98-82-8	Isopropylbenzene	<20	20
99-87-6	4-Isopropyltoluene	<100	100
1634-04-4	Methyl tert-Butyl Ether	<100	100
75-09-2	Methylene Chloride	<100	100
78-93-3	2-Butanone (MEK)	<100	100
91-57-6	2-Methylnaphthalene	<100	100
108-10-1	4-Methyl-2-pentanone (MIBK)	<100	100
91-20-3	Naphthalene	<100	100
103-65-1	n-Propylbenzene	<20	20
100-42-5	Styrene	<20	20
630-20-6	1,1,1,2-Tetrachloroethane	<20	20
79-34-5	1,1,2,2-Tetrachloroethane	<20	20
127-18-4	Tetrachloroethene	<20	20
109-99-9	Tetrahydrofuran	<100	100
108-88-3	Toluene	<20	20
87-61-6	1,2,3-Trichlorobenzene	<100	100
120-82-1	1,2,4-Trichlorobenzene	<100	100
71-55-6	1,1,1-Trichloroethane	<20	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	<20	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 07:00	By:	DLV
Dilution Factor:	20	Analyzed:	08/31/15 18:17	By:	DLV
QC Batch:	1509221	Analytical Batch:	5H31031		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20
75-01-4	Vinyl Chloride	**61**	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*107*	*85-118*
1,2-Dichloroethane-d4	*104*	*87-122*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*93*	*82-110*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 09:27	By:	LJR
Dilution Factor:	100	Analyzed:	08/31/15 18:44	By:	ASC
QC Batch:	1509214	Analytical Batch:	5I01055		

Semivolatile Organic Compounds by EPA Method 8270C

CAS Number	Analyte	Analytical Result	RL
83-32-9	Acenaphthene	<500	500
208-96-8	Acenaphthylene	<500	500
120-12-7	Anthracene	<500	500
56-55-3	Benzo(a)anthracene	<100	100
50-32-8	Benzo(a)pyrene	<100	100
205-99-2	Benzo(b)fluoranthene	<100	100
191-24-2	Benzo(g,h,i)perylene	<100	100
207-08-9	Benzo(k)fluoranthene	<100	100
111-91-1	Bis(2-chloroethoxy)methane	<500	500
111-44-4	Bis(2-chloroethyl) Ether	<100	100
108-60-1	Bis(2-chloroisopropyl) Ether	<500	500
117-81-7	Bis(2-ethylhexyl) Phthalate	<500	500
101-55-3	4-Bromophenyl Phenyl Ether	<500	500
85-68-7	Butyl Benzyl Phthalate	<500	500
86-74-8	Carbazole	<1000	1000
59-50-7	4-Chloro-3-methylphenol	<500	500
91-58-7	2-Chloronaphthalene	<500	500
95-57-8	2-Chlorophenol	<1000	1000
7005-72-3	4-Chlorophenyl Phenyl Ether	<500	500
218-01-9	Chrysene	<100	100
53-70-3	Dibenz(a,h)anthracene	<200	200
132-64-9	Dibenzofuran	<400	400
84-74-2	Di-n-butyl Phthalate	<500	500
95-50-1	1,2-Dichlorobenzene	<100	100
541-73-1	1,3-Dichlorobenzene	<100	100
106-46-7	1,4-Dichlorobenzene	<100	100
120-83-2	2,4-Dichlorophenol	<1000	1000
84-66-2	Diethyl Phthalate	<500	500
105-67-9	2,4-Dimethylphenol	<500	500

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 09:27	By:	LJR
Dilution Factor:	100	Analyzed:	08/31/15 18:44	By:	ASC
QC Batch:	1509214	Analytical Batch:	5I01055		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
131-11-3	Dimethyl Phthalate	<500	500
534-52-1	4,6-Dinitro-2-methylphenol	<2000	2000
51-28-5	2,4-Dinitrophenol	<2500	2500
121-14-2	2,4-Dinitrotoluene	<500	500
606-20-2	2,6-Dinitrotoluene	<500	500
117-84-0	Di-n-octyl Phthalate	<500	500
122-66-7	1,2-Diphenylhydrazine	<500	500
206-44-0	Fluoranthene	<100	100
86-73-7	Fluorene	<500	500
118-74-1	Hexachlorobenzene	<200	200
87-68-3	Hexachlorobutadiene	<200	200
77-47-4	Hexachlorocyclopentadiene	<500	500
67-72-1	Hexachloroethane	<500	500
193-39-5	Indeno(1,2,3-cd)pyrene	<200	200
78-59-1	Isophorone	<500	500
91-57-6	2-Methylnaphthalene	<500	500
95-48-7	2-Methylphenol	<1000	1000
108-39-4	3+4-Methylphenol	<2000	2000
91-20-3	Naphthalene	<500	500
88-74-4	2-Nitroaniline	<2500	2500
99-09-2	3-Nitroaniline	<2500	2500
100-01-6	4-Nitroaniline	<2500	2500
98-95-3	Nitrobenzene	<300	300
88-75-5	2-Nitrophenol	<500	500
100-02-7	4-Nitrophenol	<2500	2500
62-75-9	N-Nitroso-dimethylamine	<500	500
86-30-6	N-Nitroso-diphenylamine	<500	500
621-64-7	N-Nitroso-di-n-propylamine	<500	500
87-86-5	Pentachlorophenol	<100	100
85-01-8	Phenanthrene	<200	200
108-95-2	Phenol	<500	500

Continued on next page

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ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45		
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs		
Matrix:	Water	Received:	08/29/15 08:30		
Unit:	ug/L	Prepared:	08/31/15 09:27	By:	LJR
Dilution Factor:	100	Analyzed:	08/31/15 18:44	By:	ASC
QC Batch:	1509214	Analytical Batch:	5I01055		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
129-00-0	Pyrene	<500	500
120-82-1	1,2,4-Trichlorobenzene	<500	500
95-95-4	2,4,5-Trichlorophenol	<500	500
88-06-2	2,4,6-Trichlorophenol	<400	400

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1508505**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Well Vault - Water**	Sampled:	08/28/15 11:45
Lab Sample ID:	**1508505-01**	Sampled By:	Erin Hobbs
Matrix:	Water	Received:	08/29/15 08:30

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	**3.9**	1.0	ug/L	1	USEPA-6020A	09/02/15 09:30	MSM	1509193
Barium	**140**	5.0	ug/L	5	USEPA-6020A	09/02/15 09:37	MSM	1509193
Cadmium	**3.4**	0.20	ug/L	1	USEPA-6020A	09/02/15 09:30	MSM	1509193
Chromium	**220**	5.0	ug/L	5	USEPA-6020A	09/02/15 09:37	MSM	1509193
Copper	**110**	5.0	ug/L	5	USEPA-6020A	09/02/15 09:37	MSM	1509193
Lead	**33**	1.0	ug/L	1	USEPA-6020A	09/02/15 09:30	MSM	1509193
***Mercury**	**0.23**	0.20	ug/L	1	USEPA-7470A	09/02/15 11:42	CKD	1509246
Selenium	**2.1**	1.0	ug/L	1	USEPA-6020A	09/02/15 09:30	MSM	1509193
Silver	<0.20	0.20	ug/L	1	USEPA-6020A	09/02/15 09:30	MSM	1509193
Zinc	**1700**	250	ug/L	25	USEPA-6020A	09/02/15 09:35	MSM	1509193

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509216 3510C Liquid-Liquid Extraction/USEPA-8082A

Method Blank — Analyzed: 09/02/2015 By: MSZ
Unit: ug/L — Analytical Batch: 5I02048

PCB-1016		<0.20			--	0.20
PCB-1221		<0.20				0.20
PCB-1232		<0.20				0.20
PCB-1242		<0.20				0.20
PCB-1248		<0.20				0.20
PCB-1254		<0.20				0.20
PCB-1260		<0.20			--	0.20
Surrogates:						
Decachlorobiphenyl			*90*	*52-139*		
Tetrachloro-m-xylene			*73*	*26-118*		

Laboratory Control Sample — Analyzed: 09/02/2015 By: MSZ
Unit: ug/L — Analytical Batch: 5I02048

PCB-1016	0.600	**0.451**	75	58-120	--	0.20
PCB-1260	0.600	**0.515**	86	62-131	--	0.20
Surrogates:						
Decachlorobiphenyl			*88*	*52-139*		
Tetrachloro-m-xylene			*72*	*26-118*		

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509221 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 08/31/2015 By: DLV
Unit: ug/L Analytical Batch: 5H31031

Acetone	<20	--	20
Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0	--	5.0
n-Butylbenzene	<1.0	--	1.0
sec-Butylbenzene	<1.0	--	1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0	--	1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0	--	5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0	--	1.0
1,4-Dichlorobenzene	<1.0	--	1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0

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Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509221 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 08/31/2015 By: DLV
Unit: ug/L Analytical Batch: 5H31031

2-Hexanone			<5.0				5.0
Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0			--	5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0				5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			<5.0				5.0
4-Methyl-2-pentanone (MIBK)			<5.0				5.0
Naphthalene			<5.0			--	5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0				5.0
1,2,4-Trichlorobenzene			<5.0				5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0			--	1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*97*	*85-118*		
1,2-Dichloroethane-d4				*98*	*87-122*		
Toluene-d8				*100*	*85-113*		

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1509221 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) — Analyzed: 08/31/2015 By: DLV
Unit: ug/L — Analytical Batch: 5H31031

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
4-Bromofluorobenzene				*93*	*82-110*			

Laboratory Control Sample — Analyzed: 08/31/2015 By: DLV
Unit: ug/L — Analytical Batch: 5H31031

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**38.7**	97	84-119	--		1.0
Chlorobenzene		40.0	**36.1**	90	84-118	--		1.0
1,1-Dichloroethene		40.0	**39.5**	99	77-123	--		1.0
Toluene		40.0	**38.6**	96	85-118	--		1.0
Trichloroethene		40.0	**39.1**	98	82-119	--		1.0
Surrogates:								
Dibromofluoromethane				*107*	*85-118*			
1,2-Dichloroethane-d4				*100*	*87-122*			
Toluene-d8				*103*	*85-113*			
4-Bromofluorobenzene				*98*	*82-110*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509214 3510C Liquid-Liquid Extraction/USEPA-8270C

Method Blank Analyzed: 08/31/2015 By: ASC
Unit: ug/L Analytical Batch: 5I01055

Acenaphthene	<5.0		5.0
Acenaphthylene	<5.0		5.0
Anthracene	<5.0		5.0
Benzo(a)anthracene	<1.0	--	1.0
Benzo(a)pyrene	<1.0		1.0
Benzo(b)fluoranthene	<1.0		1.0
Benzo(g,h,i)perylene	<1.0		1.0
Benzo(k)fluoranthene	<1.0		1.0
Bis(2-chloroethoxy)methane	<5.0		5.0
Bis(2-chloroethyl) Ether	<1.0		1.0
Bis(2-chloroisopropyl) Ether	<5.0		5.0
Bis(2-ethylhexyl) Phthalate	<5.0	--	5.0
4-Bromophenyl Phenyl Ether	<5.0		5.0
Butyl Benzyl Phthalate	<5.0	--	5.0
Carbazole	<10	--	10
4-Chloro-3-methylphenol	<5.0	--	5.0
2-Chloronaphthalene	<5.0		5.0
2-Chlorophenol	<10		10
4-Chlorophenyl Phenyl Ether	<5.0		5.0
Chrysene	<1.0	--	1.0
Dibenz(a,h)anthracene	<2.0		2.0
Dibenzofuran	<4.0		4.0
Di-n-butyl Phthalate	<5.0	--	5.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
2,4-Dichlorophenol	<10		10
Diethyl Phthalate	<5.0	--	5.0
2,4-Dimethylphenol	<5.0		5.0
Dimethyl Phthalate	<5.0	--	5.0
4,6-Dinitro-2-methylphenol	<20	--	20
2,4-Dinitrophenol	<25		25
2,4-Dinitrotoluene	<5.0	--	5.0
2,6-Dinitrotoluene	<5.0	--	5.0
Di-n-octyl Phthalate	<5.0	--	5.0
1,2-Diphenylhydrazine	<5.0	--	5.0

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Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509214 (Continued) 3510C Liquid-Liquid Extraction/USEPA-8270C

Method Blank (Continued) Analyzed: 08/31/2015 By: ASC
Unit: ug/L Analytical Batch: 5I01055

Fluoranthene			<1.0			1.0
Fluorene			<5.0			5.0
Hexachlorobenzene			<2.0		--	2.0
Hexachlorobutadiene			<2.0			2.0
Hexachlorocyclopentadiene			<5.0			5.0
Hexachloroethane			<5.0			5.0
Indeno(1,2,3-cd)pyrene			<2.0			2.0
Isophorone			<5.0		--	5.0
2-Methylnaphthalene			<5.0			5.0
2-Methylphenol			<10		--	10
3+4-Methylphenol			<20		--	20
Naphthalene			<5.0			5.0
2-Nitroaniline			<25			25
3-Nitroaniline			<25			25
4-Nitroaniline			<25		--	25
Nitrobenzene			<3.0			3.0
2-Nitrophenol			<5.0			5.0
4-Nitrophenol			<25		--	25
N-Nitroso-dimethylamine			<5.0		--	5.0
N-Nitroso-diphenylamine			<5.0		--	5.0
N-Nitroso-di-n-propylamine			<5.0		--	5.0
Pentachlorophenol			<1.0			1.0
Phenanthrene			<2.0		--	2.0
Phenol			<5.0		--	5.0
Pyrene			<5.0			5.0
1,2,4-Trichlorobenzene			<5.0			5.0
2,4,5-Trichlorophenol			<5.0		--	5.0
2,4,6-Trichlorophenol			<4.0		--	4.0
Surrogates:						
2-Fluorophenol				*44*	*20-70*	

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QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

QC Batch: 1509214 (Continued) 3510C Liquid-Liquid Extraction/USEPA-8270C

Method Blank (Continued) Analyzed: 08/31/2015 By: ASC
Unit: ug/L Analytical Batch: 5I01055

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
Phenol-d6				*32*	*18-45*			
Nitrobenzene-d5				*92*	*31-123*			
2-Fluorobiphenyl				*96*	*25-113*			
2,4,6-Tribromophenol				*62*	*30-121*			
o-Terphenyl				*110*	*42-125*			

Laboratory Control Sample Analyzed: 08/31/2015 By: ASC
Unit: ug/L Analytical Batch: 5I01055

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Acenaphthene		10.0	**10.2**	102	53-126	--		5.0
4-Chloro-3-methylphenol		10.0	**9.86**	99	53-120	--		5.0
2-Chlorophenol		10.0	**9.96**	100	44-121	--		10
1,4-Dichlorobenzene		10.0	**9.39**	94	41-124	--		1.0
2,4-Dinitrotoluene		10.0	**11.3**	113	55-131	--		5.0
Naphthalene		10.0	**9.93**	99	50-127	--		5.0
4-Nitrophenol		10.0	**3.19**	32	17-70	--		25
N-Nitroso-di-n-propylamine		10.0	**10.6**	106	49-125	--		5.0
Pentachlorophenol		10.0	**8.17**	82	21-124	--		1.0
Phenol		10.0	**5.44**	54	22-60	--		5.0
Pyrene		10.0	**10.1**	101	60-134	--		5.0
1,2,4-Trichlorobenzene		10.0	**9.41**	94	47-123	--		5.0
Surrogates:								
2-Fluorophenol				*66*	*20-70*			
Phenol-d6				*44*	*18-45*			
Nitrobenzene-d5				*94*	*31-123*			
2-Fluorobiphenyl				*90*	*25-113*			
2,4,6-Tribromophenol				*94*	*30-121*			
o-Terphenyl				*101*	*42-125*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**45.9**	ug/L	92	80-120			1.0
Analyte: Barium/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**49.1**	ug/L	98	80-120			1.0
Analyte: Cadmium/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<0.20	ug/L					0.20
Laboratory Control Sample		50.0	**45.7**	ug/L	91	80-120			0.20
Analyte: Chromium/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**48.6**	ug/L	97	80-120			1.0
Analyte: Copper/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**50.2**	ug/L	100	80-120			1.0
Analyte: Lead/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**49.3**	ug/L	99	80-120			1.0
Analyte: Mercury/USEPA-7470A									
QC Batch: 1509246 (7470A Digestion - Total)							Analyzed: 09/02/2015		By: CKD
Method Blank			<0.20	ug/L					0.20

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QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Mercury/USEPA-7470A (Continued)									
QC Batch: 1509246 (Continued) (7470A Digestion - Total)							Analyzed: 09/02/2015		By: CKD
Laboratory Control Sample		2.00	**1.98**	ug/L	99	80-120			0.20
1508505-01 [Well Vault - Water]									
Matrix Spike	0.228	2.00	**0.650**	ug/L	**21**	80-120			0.20
Matrix Spike Duplicate	0.228	2.00	**0.947**	ug/L	**36**	80-120	**37**	20	0.20
Analyte: Selenium/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<1.0	ug/L					1.0
Laboratory Control Sample		50.0	**45.1**	ug/L	90	80-120			1.0
Analyte: Silver/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<0.20	ug/L					0.20
Laboratory Control Sample		50.0	**48.9**	ug/L	98	80-120			0.20
Analyte: Zinc/USEPA-6020A									
QC Batch: 1509193 (3020A Digestion)							Analyzed: 09/02/2015		By: MSM
Method Blank			<10	ug/L					10
Laboratory Control Sample		50.0	**47.0**	ug/L	94	80-120			10

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PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3020A Metals Digestion	1508505-01	1509193	ARB	08/31/15 08:30
USEPA-3510C Liquid-Liquid Extraction	1508505-01	1509214	LJR	08/31/15 09:27
		1509216	LJR	08/31/15 09:45
USEPA-7470A Mercury Digestion	1508505-01	1509246	ARB	09/01/15 11:40

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Chain of Custody Record

COC No. 152080

Pg. 1 of 1

For Lab Use Only

Cart: 2
VOA Rack/Tray: 476W
Receipt Log No.: 7-2
Project Chemist:
Work Order No.: 1508505

Client Name: CTI & Assoc
Address: 51331 W Pontiac Trail
City, State Zip: Wixom, MI 48393
Phone/Fax: 586-216-8857
Email: EHOBBS@CTICOMPANIES.COM

Project Name: JCI-232 Monroe
Client Project No. / P.O. No.: 2156090002
Invoice To: ☐ Client ☐ Other (comments)
Contact/Report To: E. Hobbs / M. Jerue

Analyses Requested

Container Type (corresponds to Container Packing List): VOC, SVOC, MI-10 Metals, PCB

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC	SVOC	MI-10 Metals	PCB	Total	Sample Comments
06		01	Well Vault-Water		8/28/15	1145		X	W	6-amber, 3 VOC, 1 T. metals bottles					
			2												
			3												
			4												
			5												
			6												
			7												
			8												
			9												
			10												

Sampled By (print): Erin Hobbs
Sampler's Signature:
Company: CTI

How Shipped? Hand ___ Carrier: FED-EX
Tracking No.: 8996 6538 0831

Comments: Rush (Wed 9/2/15)
* Oily substance too for disposal if nec.

	Relinquished By	Date	Time	Received By	Date	Time
1	E. Hobbs	8/28/15	1530	P. Riley	8-28-15	1530
2	P. Riley	8-28-5	1620	Fed Ex	8-28-5	1620
3				Received For Lab By:	8-29-15	08

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: CTI
Receipt Record Page/Line #: 7-2
Work Order #: 1508505
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): WC 8.29.15
☐ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☐ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #	Time 0900		
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact			
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None			
Coolant Location: Dispersed / Top / Middle / Bottom			
Temp Blank Present: ☐ Yes ☐ No			
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative			
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:	3.9	–	3.9
Sample 1:	4.9	–	4.9
Sample 2:	5.6	–	5.6
Sample 3:	5.2	–	5.2
3 Sample Average °C:	5.2		
☐ Cooler ID on COC? ☐ VOC Trip Blank received?			

Cooler #	Time		
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact			
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None			
Coolant Location: Dispersed / Top / Middle / Bottom			
Temp Blank Present: ☐ Yes ☐ No			
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative			
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC? ☐ VOC Trip Blank received?			

Cooler #	Time		
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact			
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None			
Coolant Location: Dispersed / Top / Middle / Bottom			
Temp Blank Present: ☐ Yes ☐ No			
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative			
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC? ☐ VOC Trip Blank received?			

Cooler #	Time		
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact			
Coolant Type: ☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None			
Coolant Location: Dispersed / Top / Middle / Bottom			
Temp Blank Present: ☐ Yes ☐ No			
If Present, Temperature Blank Location is: ☐ Representative ☐ Not Representative			
	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			
Sample 1:			
Sample 2:			
Sample 3:			
3 Sample Average °C:			
☐ Cooler ID on COC? ☐ VOC Trip Blank received?			

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☐	☐	Chain of Custody record(s)? If No, Initiated By _____
☐		Received for Lab Signed/Date/Time?
☐	☐	Shipping document?
☐	☐	Other _____

COC Information

☐ TriMatrix COC ☐ Other _____

COC ID Numbers:

Check COC for Accuracy

Yes	No	
☐	☐	Analysis Requested?
☐	☐	Sample ID matches COC?
☐	☐	Sample Date and Time matches COC?
☐		Container type completed on COC?
☐	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☐	☐	Temperature Blank OR average sample temperature, ≥6° C?
☐	☐	☐	If either is ≥6° C, was thermal preservation required?
☐	☐		If "Yes", Project Chemist Approval Initials: _____
☐	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☐	☐		Completed Sample Preservation Verification Form?
☐	☐	☐	Samples chemically preserved correctly?
☐	☐		If "No", added orange tag?
	☐	☐	Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged containers
- ☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☐	Broken containers/lids?
	☐	☐	Missing or incomplete labels?
	☐	☐	Illegible information on labels?
	☐	☐	Low volume received?
	☐	☐	Inappropriate or non-TriMatrix containers received?
☐	☐	☐	VOC vials / TOX containers have headspace?
☐	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
8.29.15 0830	8.29.15 0910	(Yes) / No

TRIMATRIX LABORATORIES

SAMPLE PRESERVATION VERIFICATION FORM

page 1 of 1

Client: CTI		Work Order #: 1508505	
Receipt Log #: 7-2	Completed By (initials/date): WC 8.29.15	Project Chemist:	

COC ID #	Adjusted by: ____ Date: ____	DO NOT ADJUST pH FOR THESE CONTAINER TYPES					
152080							
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		6-8	<2	<2	
COC Line #1						✓		
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6								
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								

Comments

pH Strip Reagent #

☑ 5060576

☐

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID #	Adjusted by: ____ Date: ____	DO NOT ADJUST pH FOR THESE CONTAINER TYPES					
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H_2SO_4	H_2SO_4		None	HNO_3	HNO_3	
Expected pH	>12	<2	<2		6-8	<2	<2	
COC Line #1								
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6								
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								

Comments

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H_2SO_4
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H_2SO_4
500	2.5

September 04, 2015

CTI and Associates, Inc.
Attn: Ms. Erin Hobbs
51331 W. Pontiac Trail
Wixom, MI 48393

Project: JCI Monroe St., Saline, MI

Dear Ms. Erin Hobbs,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	**Received**	**Description**
1509013	09/01/2015	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

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

Sincerely,

Gary L. Wood
Project Chemist

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PROJECT TECHNICAL NARRATIVE(s)

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Narrative: PCB 1260 was reported for this sample. The pattern match resembles PCB 1260, PCB 1262, or a combination of both.

Analysis: USEPA-8082A

Sample/Analyte:	1509013-01	Trench-Sof4-East	PCB-1260
	1509013-02	Trench-Sof4-Mid	PCB-1260

Narrative: Surrogate results are unavailable due to positive results in the sample, resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8082A

Sample/Analyte: 1509013-02 Trench-Sof4-Mid

Narrative: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit.

Analysis: USEPA-8082A

Sample/Analyte:	1509013-01	Trench-Sof4-East	PCB-1260

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PROJECT TECHNICAL NARRATIVE(s)

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Narrative: The MS and/or MSD recovery exceeded the upper control limit. The non-spiked sample result for the same analyte was non-detect.

Analysis: USEPA-8270C

Sample/Analyte:			
	1509013-01	Trench-Sof4-East	3+4-Methylphenol
	1509013-01	Trench-Sof4-East	Pentachlorophenol
	1509013-01	Trench-Sof4-East	Pyridine

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualification is required.

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Trench-Sof4-East**	Sampled:	09/01/15 11:30		
Lab Sample ID:	**1509013-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	09/01/15 17:00		
Unit:	mg/kg	Prepared:	09/02/15 08:17	By:	ALK
Dilution Factor:	3	Analyzed:	09/03/15 19:17	By:	MSZ
QC Batch:	1509311	Analytical Batch:	5I04028		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	**0.44**	0.33	
11096-82-5	PCB-1260	**0.72**	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	*97*	*48-136*
Tetrachloro-m-xylene	*98*	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Trench-Sof4-East**	Sampled:	09/01/15 11:30
Lab Sample ID:	**1509013-01**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	09/01/15 17:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	09/04/15 12:17	CKD	1509392
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	09/04/15 08:46	KLV	1509356

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Trench-Sof4-East**	Sampled:	09/01/15 11:30		
Lab Sample ID:	**1509013-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	09/01/15 17:00		
Unit:	mg/L	Prepared:	09/03/15 08:00	By:	BAG
Dilution Factor:	100	Analyzed:	09/03/15 11:01	By:	BAG
QC Batch:	1509411	Analytical Batch:	5I03034		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*99*	*87-113*
4-Bromofluorobenzene	*100*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Trench-Sof4-East**	Sampled:	09/01/15 11:30		
Lab Sample ID:	**1509013-01**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	09/01/15 17:00		
Unit:	mg/L	Prepared:	09/03/15 12:00	By:	JTS
Dilution Factor:	1	Analyzed:	09/03/15 16:53	By:	JLB
QC Batch:	1509376	Analytical Batch:	5I04004		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*102*	*10-123*
Phenol-d6	*77*	*10-112*
Nitrobenzene-d5	*95*	*38-141*
2-Fluorobiphenyl	*105*	*41-132*
2,4,6-Tribromophenol	*96*	*20-142*
o-Terphenyl	*118*	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Trench-Sof4-Mid**	Sampled:	09/01/15 11:30
Lab Sample ID:	**1509013-02**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	09/01/15 17:00
Unit:	mg/kg	Prepared:	09/02/15 08:17 By: ALK
Dilution Factor:	20	Analyzed:	09/03/15 20:27 By: MSZ
QC Batch:	1509311	Analytical Batch:	5I04028

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.66	0.66	
11104-28-2	PCB-1221	<0.66	0.66	
11141-16-5	PCB-1232	<0.66	0.66	
53469-21-9	PCB-1242	<0.66	0.66	
12672-29-6	PCB-1248	<0.66	0.66	
11097-69-1	PCB-1254	**0.79**	0.66	
11096-82-5	PCB-1260	**3.2**	0.66	

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Trench-Sof4-Mid**	Sampled:	09/01/15 11:30
Lab Sample ID:	**1509013-02**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	09/01/15 17:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	09/04/15 12:33	CKD	1509392
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	09/04/15 09:07	KLV	1509356

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services
Client Sample ID:	**Trench-Sof4-Mid**	Sampled:	09/01/15 11:30
Lab Sample ID:	**1509013-02**	Sampled By:	Erin Hobbs
Matrix:	Concrete	Received:	09/01/15 17:00
Unit:	mg/L	Prepared:	09/03/15 08:00 By: BAG
Dilution Factor:	100	Analyzed:	09/03/15 11:29 By: BAG
QC Batch:	1509411	Analytical Batch:	5I03034

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	*96*	*79-124*
1,2-Dichloroethane-d4	*100*	*75-128*
Toluene-d8	*100*	*87-113*
4-Bromofluorobenzene	*101*	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CTI and Associates, Inc.**	Work Order:	**1509013**		
Project:	JCI Monroe St., Saline, MI	Description:	Laboratory Services		
Client Sample ID:	**Trench-Sof4-Mid**	Sampled:	09/01/15 11:30		
Lab Sample ID:	**1509013-02**	Sampled By:	Erin Hobbs		
Matrix:	Concrete	Received:	09/01/15 17:00		
Unit:	mg/L	Prepared:	09/03/15 12:00	By:	JTS
Dilution Factor:	1	Analyzed:	09/03/15 17:27	By:	JLB
QC Batch:	1509376	Analytical Batch:	5I04004		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
106-46-7	1,4-Dichlorobenzene	<0.20	0.20	7.5
121-14-2	2,4-Dinitrotoluene	<0.10	0.10	0.13
118-74-1	Hexachlorobenzene	<0.10	0.10	0.13
87-68-3	Hexachlorobutadiene	<0.10	0.10	0.5
67-72-1	Hexachloroethane	<0.20	0.20	3
98-95-3	Nitrobenzene	<0.20	0.20	2
110-86-1	Pyridine	<1.0	1.0	5
87-86-5	Pentachlorophenol	<1.5	1.5	100
88-06-2	2,4,6-Trichlorophenol	<0.20	0.20	2
95-95-4	2,4,5-Trichlorophenol	<0.60	0.60	400
95-48-7	2-Methylphenol	<0.20	0.20	200
108-39-4	3+4-Methylphenol	<0.20	0.20	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	*100*	*10-123*
Phenol-d6	*78*	*10-112*
Nitrobenzene-d5	*99*	*38-141*
2-Fluorobiphenyl	*110*	*41-132*
2,4,6-Tribromophenol	*91*	*20-142*
o-Terphenyl	*116*	*39-148*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1509311 3545A PFE Extraction/USEPA-8082A								
Method Blank					Analyzed:	09/03/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5I04028		
PCB-1016			<0.33			--		0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33			--		0.33
Surrogates:								
Decachlorobiphenyl				*96*	*48-136*			
Tetrachloro-m-xylene				*94*	*22-169*			
Laboratory Control Sample					Analyzed:	09/03/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5I04028		
PCB-1016		0.200	**0.174**	87	68-139	--		0.33
PCB-1260		0.200	**0.189**	95	56-138	--		0.33
Surrogates:								
Decachlorobiphenyl				*92*	*48-136*			
Tetrachloro-m-xylene				*90*	*22-169*			
Matrix Spike 1509013-01 Trench-Sof4-East					Analyzed:	09/03/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5I04028		
PCB-1016	<0.99	0.197	**0.215**	109	56-173	--		0.99
PCB-1260	0.725	0.197	**0.897**	87	39-156	--		0.99
Surrogates:								
Decachlorobiphenyl				*92*	*48-136*			
Tetrachloro-m-xylene				*96*	*22-169*			
Matrix Spike Duplicate 1509013-01 Trench-Sof4-East					Analyzed:	09/03/2015	By: MSZ	
Unit: mg/kg					Analytical Batch:	5I04028		
PCB-1016	<0.99	0.197	**0.215**	109	56-173	0	30	0.99
PCB-1260	0.725	0.197	**0.799**	**38**	39-156	12	30	0.99
Surrogates:								
Decachlorobiphenyl				*92*	*48-136*			
Tetrachloro-m-xylene				*99*	*22-169*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

QC Batch: 1509411 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank — Analyzed: 09/03/2015 By: BAG
Unit: mg/L — Analytical Batch: 5I03034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0					5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10

Method Blank — Analyzed: 09/03/2015 By: BAG
Unit: ug/L — Analytical Batch: 5I03034

Surrogates:			
Dibromofluoromethane		*96*	*79-124*
1,2-Dichloroethane-d4		*100*	*75-128*
Toluene-d8		*99*	*87-113*
4-Bromofluorobenzene		*101*	*70-121*

Laboratory Control Sample — Analyzed: 09/03/2015 By: BAG
Unit: mg/L — Analytical Batch: 5I03034

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		4.00	**4.12**	103	77-122	--		0.10
Carbon Tetrachloride		4.00	**3.91**	98	77-132	--		0.10
Chlorobenzene		4.00	**4.07**	102	76-128	--		0.10
Chloroform		4.00	**4.04**	101	78-127	--		0.10
1,2-Dichloroethane		4.00	**4.10**	102	78-125	--		0.10
1,1-Dichloroethene		4.00	**4.10**	102	71-129	--		0.10
2-Butanone (MEK)		4.00	**4.02**	100	32-178	--		5.0
Tetrachloroethene		4.00	**4.02**	101	78-131	--		0.10
Trichloroethene		4.00	**3.88**	97	72-129	--		0.10
Vinyl Chloride		4.00	**4.16**	104	66-139	--		0.10

Laboratory Control Sample — Analyzed: 09/03/2015 By: BAG
Unit: ug/L — Analytical Batch: 5I03034

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1509411 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 09/03/2015 By: BAG

Unit: ug/L Analytical Batch: 5I03034

Surrogates:		
Dibromofluoromethane	*100*	*79-124*
1,2-Dichloroethane-d4	*101*	*75-128*
Toluene-d8	*100*	*87-113*
4-Bromofluorobenzene	*100*	*70-121*

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

QC Batch: 1509376 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 09/03/2015 By: JLB
Unit: mg/L — Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene			<0.20					0.20
2,4-Dinitrotoluene			<0.10					0.10
Hexachlorobenzene			<0.10					0.10
Hexachlorobutadiene			<0.10					0.10
Hexachloroethane			<0.20					0.20
Nitrobenzene			<0.20			--		0.20
Pyridine			<1.0			--		1.0
Pentachlorophenol			<1.5					1.5
2,4,6-Trichlorophenol			<0.20					0.20
2,4,5-Trichlorophenol			<0.60					0.60
2-Methylphenol			<0.20					0.20
3+4-Methylphenol			<0.20					0.20
Surrogates:								
2-Fluorophenol				*101*	*10-123*			
Phenol-d6				*75*	*10-112*			
Nitrobenzene-d5				*100*	*38-141*			
2-Fluorobiphenyl				*105*	*41-132*			
2,4,6-Tribromophenol				*82*	*20-142*			
o-Terphenyl				*118*	*39-148*			

Laboratory Control Sample — Analyzed: 09/03/2015 By: JLB
Unit: mg/L — Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene		2.00	**1.99**	100	36-120	--		0.20
2,4-Dinitrotoluene		2.00	**1.67**	83	42-125	--		0.10
Hexachlorobenzene		2.00	**2.27**	113	26-141	--		0.10
Hexachlorobutadiene		2.00	**1.91**	96	39-120	--		0.10
Hexachloroethane		2.00	**1.95**	98	34-125	--		0.20
Nitrobenzene		2.00	**2.05**	102	52-129	--		0.20
Pyridine		2.00	**2.08**	104	5-120	--		1.0
Pentachlorophenol		2.00	**1.75**	88	39-112	--		1.5
2,4,6-Trichlorophenol		2.00	**1.91**	95	41-135	--		0.20
2,4,5-Trichlorophenol		2.00	**2.22**	111	36-137	--		0.60

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TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1509376 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 09/03/2015 By: JLB
Unit: mg/L Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
2-Methylphenol		2.00	**2.06**	103	37-125	--		0.20
3+4-Methylphenol		4.00	**3.94**	99	45-125	--		0.20
Surrogates:								
2-Fluorophenol				*99*	*10-123*			
Phenol-d6				*72*	*10-112*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*101*	*41-132*			
2,4,6-Tribromophenol				*93*	*20-142*			
o-Terphenyl				*118*	*39-148*			

Matrix Spike 1509013-01 Trench-Sof4-East Analyzed: 09/03/2015 By: JLB
Unit: mg/L Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.08**	104	45-128	--		0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.74**	87	41-130	--		0.10
Hexachlorobenzene	<0.10	2.00	**2.38**	119	45-135	--		0.10
Hexachlorobutadiene	<0.10	2.00	**2.14**	107	33-107	--		0.10
Hexachloroethane	<0.20	2.00	**2.15**	107	46-134	--		0.20
Nitrobenzene	<0.20	2.00	**2.21**	111	48-135	--		0.20
Pyridine	<1.0	2.00	**2.00**	**100**	27-96	--		1.0
Pentachlorophenol	<1.5	2.00	**2.17**	**108**	42-106	--		1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.23**	112	31-133	--		0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.51**	126	35-132	--		0.60
2-Methylphenol	<0.20	2.00	**2.15**	108	38-118	--		0.20
3+4-Methylphenol	<0.20	4.00	**4.18**	**104**	26-89	--		0.20
Surrogates:								
2-Fluorophenol				*103*	*10-123*			
Phenol-d6				*78*	*10-112*			
Nitrobenzene-d5				*109*	*38-141*			

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 1509376 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Matrix Spike (Continued) 1509013-01 Trench-Sof4-East — Analyzed: 09/03/2015 By: JLB
Unit: mg/L — Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
2-Fluorobiphenyl				*108*	*41-132*			
2,4,6-Tribromophenol				*103*	*20-142*			
o-Terphenyl				*121*	*39-148*			

Matrix Spike Duplicate 1509013-01 Trench-Sof4-East — Analyzed: 09/03/2015 By: JLB
Unit: mg/L — Analytical Batch: 5I04004

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,4-Dichlorobenzene	<0.20	2.00	**2.08**	104	45-128	0.1	13	0.20
2,4-Dinitrotoluene	<0.10	2.00	**1.91**	96	41-130	10	16	0.10
Hexachlorobenzene	<0.10	2.00	**2.25**	112	45-135	6	17	0.10
Hexachlorobutadiene	<0.10	2.00	**2.06**	103	33-107	4	20	0.10
Hexachloroethane	<0.20	2.00	**2.14**	107	46-134	0.4	19	0.20
Nitrobenzene	<0.20	2.00	**2.12**	106	48-135	4	16	0.20
Pyridine	<1.0	2.00	**1.95**	**97**	27-96	3	20	1.0
Pentachlorophenol	<1.5	2.00	**2.17**	**108**	42-106	0.2	29	1.5
2,4,6-Trichlorophenol	<0.20	2.00	**2.15**	108	31-133	4	25	0.20
2,4,5-Trichlorophenol	<0.60	2.00	**2.47**	124	35-132	2	25	0.60
2-Methylphenol	<0.20	2.00	**2.16**	108	38-118	0.3	20	0.20
3+4-Methylphenol	<0.20	4.00	**4.12**	**103**	26-89	1	37	0.20
Surrogates:								
2-Fluorophenol				*103*	*10-123*			
Phenol-d6				*77*	*10-112*			
Nitrobenzene-d5				*106*	*38-141*			
2-Fluorobiphenyl				*109*	*41-132*			
2,4,6-Tribromophenol				*97*	*20-142*			
o-Terphenyl				*118*	*39-148*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**1.97**	mg/L	99	80-120			0.70
1509013-01 [Trench-Sof4-East]									
Matrix Spike	<0.50	2.00	**1.91**	mg/L	96	75-125			0.50
Matrix Spike Duplicate	<0.50	2.00	**2.07**	mg/L	104	75-125	8	20	0.50
Analyte: Barium/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.376**	mg/L	94	80-120			0.49
1509013-01 [Trench-Sof4-East]									
Matrix Spike	0.209	0.400	**0.550**	mg/L	85	75-125			0.35
Matrix Spike Duplicate	0.209	0.400	**0.574**	mg/L	91	75-125	4	20	0.35
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.370**	mg/L	93	80-120			0.070
1509013-01 [Trench-Sof4-East]									
Matrix Spike	0.00370	0.400	**0.330**	mg/L	82	75-125			0.050
Matrix Spike Duplicate	0.00370	0.400	**0.364**	mg/L	90	75-125	10	20	0.050
Analyte: Chromium/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.373**	mg/L	93	80-120			0.35
1509013-01 [Trench-Sof4-East]									
Matrix Spike	0.00919	0.400	**0.349**	mg/L	85	75-125			0.25
Matrix Spike Duplicate	0.00919	0.400	**0.382**	mg/L	93	75-125	9	20	0.25
Analyte: Lead/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.25	mg/L					0.25

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1509356 (Continued) (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Laboratory Control Sample		0.400	**0.368**	mg/L	92	80-120			0.35
1509013-01 [Trench-Sof4-East]									
Matrix Spike	0.0474	0.400	**0.349**	mg/L	75	75-125			0.25
Matrix Spike Duplicate	0.0474	0.400	**0.374**	mg/L	82	75-125	7	20	0.25
Analyte: Mercury/USEPA-7470A									
QC Batch: 1509392 (7470A TCLP Digestion)							Analyzed: 09/04/2015		By: CKD
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00207**	mg/L	104	80-120			0.00020
1509013-01 [Trench-Sof4-East]									
Matrix Spike	<0.00020	0.00200	**0.00196**	mg/L	98	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00194**	mg/L	97	80-120	1	20	0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**2.01**	mg/L	101	80-120			0.28
1509013-01 [Trench-Sof4-East]									
Matrix Spike	<0.20	2.00	**1.84**	mg/L	92	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.98**	mg/L	99	75-125	7	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1509356 (3010A TCLP Digestion)							Analyzed: 09/04/2015		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.396**	mg/L	99	80-120			0.070
1509013-01 [Trench-Sof4-East]									
Matrix Spike	<0.050	0.400	**0.370**	mg/L	93	75-125			0.050
Matrix Spike Duplicate	<0.050	0.400	**0.410**	mg/L	102	75-125	10	20	0.050

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Individual sample results relate only to the sample tested.
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TRIMATRIX LABORATORIES

PRETREATMENT SUMMARY PAGE

Client: **CTI and Associates, Inc.**
Project: **JCI Monroe St., Saline, MI**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA-3010A Metals Digestion (TCLP)	1509013-01	1509356	JBA	09/03/15 08:45
	1509013-02	1509356	JBA	09/03/15 08:45
USEPA-3510C Liquid-Liquid Extraction (TCLP)	1509013-01	1509376	JTS	09/03/15 12:00
	1509013-02	1509376	JTS	09/03/15 12:00
USEPA-3545A Pressurized Fluid Extraction (PFE)	1509013-01	1509311	ALK	09/02/15 08:17
	1509013-02	1509311	ALK	09/02/15 08:17
USEPA-3665A/3660B Sulfuric Acid/Sulfur Cleanup	1509013-01	5I02055	LJR	09/02/15 15:30
	1509013-02	5I02055	LJR	09/02/15 15:30
USEPA-7470A Mercury Digestion (TCLP)	1509013-01	1509392	ARB	09/03/15 14:00
	1509013-02	1509392	ARB	09/03/15 14:00
USEPA-1311 TCLP Extraction (Metals)	1509013-01	1509351	JBA	09/02/15 13:45
	1509013-02	1509351	JBA	09/02/15 13:45
USEPA-1311 TCLP Extraction (Semi-Volatiles)	1509013-01	1509350	JBA	09/02/15 13:45
	1509013-02	1509350	JBA	09/02/15 13:45
USEPA-1311 ZHE Extraction (Volatiles)	1509013-01	1508983	JBA	09/02/15 14:00
	1509013-02	1508983	JBA	09/02/15 14:00

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TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 15090800

Pg. 1 of 1

For Lab Use Only
Cart: Hood
VOA Rack/Tray: –
Receipt Log No.: 11-19
Project Chemist: BLW
Work Order No.: 15090L3

Client Name: CTI & Assoc
Address: 51331 W Pontiac Tr
City, State Zip: Wixom, MI 48310
Phone/Fax:
Email:

Project Name: JU-232 Monroe
Client Project No. / P.O. No.:
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: E. Hobbs / M. Jerue

Analyses Requested

Container Type (corresponds to Container Packing List): Zip Lock Bag

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	TCLP VOC	TCLP SVOC	TCLP Metals	PCBs	Total	Sample Comments
		-01	1	Trench - S of 4 - East		9/1/15	1130			Conc	1 BAG				0	
		-02	2	Trench - S of 4 - Mid		9/1/15	1130			Conc	1 BAG				0	
			3												0	
			4												0	
			5												0	
			6												0	
			7												0	
			8												0	
			9												0	
			10												0	

Number of Containers Submitted

Sampled By (print): Erin Hobbs
Sampler's Signature: [signature]
Company: CTI

How Shipped? Hand ___ Carrier TRIMATRIX
Tracking No.:

Comments:

	Date	Time
1. Relinquished By: E. Hobbs	9/1/15	1330
1. Received By: [signature]	9.1.15	1442
2. Relinquished By: [signature]	9-1-15	1700
2. Received By:		
3. Relinquished By:		
3. Received For Lab By: [signature]	9/1/15	1700

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: CJJ & ASSOC.
Receipt Record Page/Line #: 11-19
Work Order #: 1509013
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): DN 9/1/15
☐ Cooler ☑ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)
☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Type	Coolant Location	Temp Blank Present	If Present, Temperature Blank Location is
30X	1933	☑ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative
		☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None	Dispersed / Top / Middle / Bottom	☐ Yes ☐ No	☐ Representative ☐ Not Representative

Cooler #	Temp Blank	Sample 1	Sample 2	Sample 3	3 Sample Average °C	Cooler ID on COC?	VOC Trip Blank received?
30X	Observed °C / Correction Factor °C / Actual °C	24.3 0 24.3	24.2 0 24.2		24.3	☐	☐
						☐	☐
						☐	☐
						☐	☐

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes	No	
☐	☑	Chain of Custody record(s)? If No, Initiated By _____
☑		Received for Lab Signed/Date/Time?
☐	☑	Shipping document?
☐	☑	Other _____

COC Information

☑ TriMatrix COC ☐ Other _____

COC ID Numbers: 1509080D

Check COC for Accuracy

Yes	No	
☑	☐	Analysis Requested?
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Temperature Blank OR average sample temperature, ≥6° C?
☑	☐	☐	If either is ≥6° C, was thermal preservation required?
☑	☐		If "Yes", Project Chemist Approval Initials: _____
☑	☐		If "Yes" Completed Non Con Cooler - Cont Inventory Form?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples chemically preserved correctly?
☑	☐		If "No", added orange tag?
	☐	☑	Received pre-preserved VOC soils?
			☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Sample Condition Summary

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate or non-TriMatrix containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 9/1/15	9/1/15	Yes / No