Interim Action Completion Report
Off-site Arsenic Impacted Soil Removal

Former Washtenaw Industrial Facility
232 Monroe Street
Saline, Michigan
USEPA ID No. MID980795512

Prepared for:

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1.0 INTRODUCTION

CTI and Associates, Inc. (CTI) has prepared the following Interim Action Completion Report (IAC Report) on behalf of Adient, formerly an entity of Johnson Controls, Inc. The IAC Report was prepared to document the Interim Action performed in connection with the former Washtenaw Industrial facility located at 232 Monroe Street (232 Monroe Site) in Saline, Michigan. The activities involved the excavation and off-site disposal of arsenic impacted soils in the southwest corner of the 4.34 acre parcel that lies north of the northwest corner of the 232 Monroe parcel (**Figure 1**). Historical impacts of arsenic in the soil have been observed at this off-site property above Michigan Department of Environmental Quality (MDEQ) Part 201 Residential Direct Contact criteria. Adient neither directly nor indirectly conducted any business operations at 232 Monroe Street site. However, under a RCRA Administrative Order on Consent (AOC), Interim Action was performed to protect human health and the environment from all current and future unacceptable risks due to release of hazardous waste or hazardous constituents at or from the former facility. As part of this Interim Action, soil excavation to remediate arsenic concentration to below MDEQ Part 201 Residential criteria was performed on the adjoining property.

The Interim Action was completed in accordance with a December 17, 2015 letter to the United States Environmental Protection Agency (USEPA) Region 5. The letter outlined the Interim Action to remove arsenic impacted soils from a portion of the northern adjoining property. A Work Plan was prepared that included details regarding the excavation, stockpiling, verification sampling, transportation and disposal, backfilling, and site restoration. The following IAC Report provides details regarding the execution of the scope of work items and documents completion of Interim Action.

1.1 SITE LOCATION AND DESCRIPTION

The site is located in the NW 1/4 of the SE 1/4 of Section 1, Township 4 South, Range 5 East, of the Saline, Michigan 7,5-minute USGS topographic quadrangle (refer to **Figure 1**). The 232 Monroe Site is designated as an industrial/commercial site and has residential areas to the north, northeast and south. Recreational and agricultural areas lie to the west. The Saline River, with an easterly flow forms southern boundary of the 232 Monroe site. A Base Map of the Site is presented in **Figure 2**.

The 232 Monroe Site consists of approximately 9.3 acres of land west of Monroe Street and north of the Saline River. The site is currently vacant with former buildings, driveways and other structures removed during prior projects. The site is bordered on the north by residential 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 excavation is located in the southwest corner of the 4.34 acre parcel that lies north of the northwest corner of the 232 Monroe Site (**Figure 2**). The site is currently undergoing residential condominium construction. The location of the excavation is in a low-lying area of the property and is not presently designated for development.

1.2 SITE CONDITIONS PRIOR TO SITE WORK

The excavation area was primarily occupied by vegetation and underbrush with twelve trees measuring greater than 6 inches in diameter. The western and northwestern portion of the excavation area are elevated approximately 8 feet from the central portion of the excavation area. The eastern-central portion of the excavation area contained snake grass and other vegetation indicating damper conditions then the surrounding area.

1.3 PRE-EXCAVATION ACTIVITIES

In 2016, CTI conducted a preliminary investigation to assess concentrations of arsenic in the off-site soil. The investigation was performed to assess a historic sample result collected during a Phase II Investigation in July 2015 that had a reported arsenic concentration that exceeded the Michigan Part 201 Residential Direct Contact screening level of 7.6 milligrams per kilogram (mg/kg). The 2016 investigation was performed to reassess and verify the sample result from 2015. The reassessment was deemed necessary to provide an accurate delineation area that would require Interim Action.

Investigation activities included the advancement of twenty-nine (29) soil borings to assess the horizonal and vertical extent of arsenic impacts. Documentation of the investigation is provided in **Appendix A**. Findings of the investigation allowed for the development of a preliminary drawing that outlined excavation extents and depths. Based on the extent of excavation, a Work Plan was developed detailing the activities for the project. The Work Plan also included the necessary access agreements, permitting, and health and safety requirements.

2.0 PERMITTING AND ACCESS

2.1 PERMITS

In 2015, a project at the 232 Monroe Site to remove existing surficial stockpiles of concrete and to demolish and remove existing concrete floor slab was performed. As part of this work a Washtenaw County Soil Erosion Permit was acquired. Anticipating future work at the site, the permit was not cancelled but rather carried over to the work performed as part of this Interim Action. A copy of the permit is provided in **Appendix B**.

It was determined that a permit from Washtenaw County was not required and that a MDEQ / U.S. Army Corps of Engineers Joint 404 Permit was not required. Documentation regarding these permits is also presented in **Appendix B**.

2.2 ACCESS TO PROPERTY

Unauthorized access to the 232 Monroe Site is controlled by a chain link fence surrounding the entire property. The access gate is kept closed and locked when CTI employees are not on site. Access to the off-site excavation area was granted via an access agreement between Adient and the property owner. To facilitate work, the partitioning 232 Monroe site fence along the excavation area was removed and a temporary construction fence erected around the work area. All equipment staging, and stockpiling was performed on the 232 Monroe Site.

2.3 MOBILIZATION, STAGING, AND DEMOBILIZATION

The mobilization/delivery of equipment and materials was sequenced to minimize equipment and material storage on-site to only when needed. All equipment was staged on the 232 Monroe Site. The site was locked during non-work hours. Demobilization/removal of equipment occurred at the end of the project.

2.4 GENERAL HOUSEKEEPING

- The existing asphalt drive, as well as the section of Monroe Street along the site, was routinely swept by a mechanical sweeper/vacuum and kept clean during trucking operations.
- Open excavations were fenced off at the end of the work day.
- Generated trash was disposed of in an on-site dumpster.

3.0 INTERIM ACTION

The objective of the Interim Action was to remediate arsenic impacted soil from the northern adjoining property to below MDEQ Part 201 Residential Direct Contact criteria. A Work Plan detailing the remedial scope of work was prepared for the project and included details defined in this section. A photographic log portraying the Interim Action is provided in **Appendix C**.

3.1 SCOPE OF WORK

The general Scope of Work for the project is provided below. Details regarding the excavation process, verification sampling, backfill and disposal are provided in *Section 3.2.*

1. Preliminary Activities
    - Underground utility identification and location marking (Miss Dig # A72690595-00A).
    - Prepare a site-specific health and safety plan identifying physical and chemical hazards.
2. Mobilization
    - Mobilization of personnel, equipment, and materials:
        - Excavator;
        - Skidsteer loader with broom attachment; and
        - Loader.
3. Installation of temporary sanitation facilities and municipal waste dumpster along the existing asphalt drive.
4. Health and safety
    - Perform site safety orientation and review of the health and safety plans with crew members.
    - Perform daily safety (tailgate) meetings prior to beginning site activities.
        - Modified Level D personal protective equipment used by onsite personnel;
            - Hardhat;
            - Safety glasses;
            - Protective toe and shank work boots;
            - Hearing protection;

- High visibility vests; and
- Protective gloves.

5. Site Preparation

   - A Surveyor was used to locate and mark excavation boundaries.
   - Approximately 160 feet of chain-link fence was removed directly south of the excavation area to facilitate equipment movement and excavation.
   - Trees within the excavation area were knocked over in place with the excavator and dragged to a stockpile location on 232 Monroe Site. Twelve trees larger than 6 inches in diameter were removed during the clearing effort.
   - Construction fencing was installed along the northern and eastern perimeter of excavation area.
   - A spoils pile area was designated along the south side of the excavation on 232 Monroe property and lined with a 30-mill polyethylene liner.

6. Soil Excavation and Verification Sampling

   - Arsenic impacted soil was excavated to estimated depths as determined by the preliminary investigation results. Excavation began at the small isolated area (Area 4) to the north of the larger excavation area (Area 1) (**Figure 3**). Upon completion, work then progressed from the west to east within Area 1 (encompasses Areas 2 and 3). Verification sampling (**Figure 4**) was performed daily as excavation activities progressed. Sampling was performed per MDEQ Sampling Strategies and Statistics Training Materials for Part 201 Evaluations (S3TM), dated 2002. Over-excavation and verification sampling was performed at locations where arsenic levels exceeded MDEQ Part 201 Residential Direct Contact criteria (7.6 mg/kg).

     Additional details regarding the excavation process and verification sampling results is provided in the following section.

7. Soil Transportation, Disposal and Backfill

   - The excavated soils were profiled for off-site disposal.
   - Haul trucks were provided with waste manifests in accordance with Federal, state, and local requirements. Haul trucks were weighed by certified scales at the disposal facility.

- Backfill soil for the excavated areas was acquired from an off-site soil stockpile source. The backfill source was characterized prior to utilization and is discussed further below.
- Backfill was placed and compacted in approximate 12- to 24-inch lifts. Soil was compacted with the excavator bucket until a depth of approximately 6 feet below ground surface (bgs) in the deep excavations. Backfill soil above 6 feet bgs was compacted with the excavator bucket and additional passes of a track dozer or skidsteer. After placement, the soil was graded to preexisting conditions with a 6-inch lift of topsoil.

8. Restoration and Demobilization

- Twelve trees that were removed during the site preparation were replaced under the direction of an arborist. The trees were delivered by Lodi Farms and consisted of 5 Glossy Elms, 2 American Sycamores, 2 Burr Oaks, 1 Autumn Blaze Maple, 1 Swamp White Oak and 1 Tulip. The trees were then fertilized, composted, mulched and watered under the arborist's direction. The entire dig area was then re-seeded, and straw was blown to cover the seed and fertilizer.
- Approximately 160 feet of chain-link fence was replaced consisting of 17 poles installed 24 inches bgs with cement. The fence was 6 feet high and constructed of heavy gauge steel and set in place using five steel ties at each fence post. A top rail was then added with three strands of barbwire run along the top of the fence and secured by barb arms.
- The asphalt drive and a portion of Monroe Street were cleaned with a sweeper.
- Equipment, personnel, and temporary sanitation facilities were demobilized.

3.2 EXCAVATION, VERIFICATION SAMPLING, BACKFILL AND DISPOSAL

Details pertaining the excavation process, verification sampling, backfilling and disposal are provided in the sections below.

3.2.1 Excavation Process

As previously described, the extent of the excavation area was determined by the prior investigation results. Utilizing the excavation area drawing, a survey crew staked out the excavation boundaries. The excavation was broken into four areas based on location and depth. Area 1 was approximately 6,200 square feet (SF) and encompassed two deeper holes of 15 feet (Areas 2 and 3). Area 4 was a small separate excavation northeast of Area 1 that was approximately 150 SF and 15 feet deep. Refer to **Figure 3** for the excavation areas.

Excavation began at Area 4. The hole was dug as vertical as possible without undermining the integrity of the sidewalls. Upon completion Area 4 measured approximately 12 feet by 12 feet by 15 feet deep. Verification sampling was performed on the 4 sidewalls and from the bottom of the excavation (2 samples from the bottom). Samples were collected using the excavator bucket and containerized in laboratory provided bottles. Excavation Area 4 was fenced-off with caution tape and left open pending verification sample results.

Area 1 was a large irregularly shaped excavation that was six feet in depth through its entirety. Within Area 1, two deeper excavations to 15 ft bgs were performed (Areas 2 and 3). The excavation of Area 1 began on the western portion and proceeded east. Survey staking was used to cut the preliminary excavation area to a depth of 6 feet bgs. At the conclusion of each day, or once a significate portion of the excavation was completed, verification samples were collected from the sidewalls and floor. This process continued across the length of Area 1 followed by the deeper excavation holes in Areas 2 and 3. The holes were not backfilled until sampling verified results were below Part 201 Residential Direct Contact criteria (7.6 mg/kg). If a sidewall or floor sample exhibited a concentration above 7.6 mg/kg, the area was over-excavated and then resampled as discussed in *Section 3.2.2*. At project completion, approximately 1,365 cubic yards (CY) of soil were excavated for off-site disposal. A survey crew staked and surveyed the extent of the final excavation as shown on **Figure 4**.

3.2.2 Verification Sampling

Verification sampling was performed in accordance with the Sampling Strategies and Statistics Training Materials for Part 201 Evaluations (S3TM), dated 2002. Samples were collected from the sidewalls and floor of the excavation. The samples were retrieved via the excavator bucket to

eliminate the need for personnel to enter the hole. Samples were containerized in laboratory provided containers and placed on ice. Samples were submitted for Arsenic analysis using EPA Method 6020A to Pace Analytical in Grand Rapids, Michigan with a requested 24-hour turn around.

Analytical results were used to determine excavation compliance with MDEQ Part 201 Residential Direct Contact criteria. If a sample exhibited a concentration above 7.6 mg/kg additional excavation was performed. Over excavation for sidewall failures included an additional excavation of 2 feet along an area between the two nearest samples exhibiting an Arsenic concentration below 7.6 mg/kg. After over-excavation the sidewall was resampled. The same process was completed for floor samples that exceeded criteria.

At the completion of the verification process a total of forty-three (43) verification locations were sampled (V-1 thru V-43), and a total of sixty-five (65) samples were collected due to over-excavation and resampling. Reverification samples were labeled as the original sample location with the number of recollected samples behind it (e.g. V-18/2 and V-18/3). **Figure 4** depicts the locations of the verification samples. **Table 1** provides the sample results. **Appendix D** contains the laboratory analytical reports.

A review of the table shows that four of the final verification samples exceeded 7.6 mg/kg (V18/3, V-19/3, V-32 and V-43/2). As a result of over-excavation, a portion of the southern excavation wall extended on to the 232 Monroe Site. The verification criterion for the three samples on the Adient property, V-18/3, V-19/3 and V-32, is the MDEQ Part 201 Non-Residential Direct Contact Criteria (37.0 mg/kg). Samples V-18/3, V-19/3 and V-32 are below applicable MDEQ criterion.

Reverification sample V-43/2 was a floor sample in Area 2 and had a reported concentration of 7.8 mg/kg. Although the sample narrowly exceeded the direct contact criteria of 7.6 mg/kg, it was not over excavated. The sample was collected 17 feet bgs and is not likely to pose a direct contact risk. For additional support, a 95% Upper Confidence Limit (UCL) statistic was calculated to determine compliance with MDEQ criteria.

The 95% UCL is a statistical value that one can be 95% confident that the true mean or average concentration of a population is below that value. The population used in the UCL calculation were all the verification and reverification floor samples collected within Areas 1, 2 and 3. Using USEPA ProUCL 4.1 software, a 95%UCL of 6.508 mg/kg was determined. Therefore there is a 95% confidence that the average concentration of the soils remaining on the floor of the excavation

are below 6.508 mg/kg. The statistical output generated from the ProUCL program is provided in **Appendix E**.

3.2.3 Backfill

Upon completion of the excavation 1,365 CY of backfill and topsoil were used to return the excavation area to the previous grade. The backfill material was acquired from Farmer Underwood Trucking located in Belleville, Michigan. The source of the material was 12223 Darling Road in Milan, Michigan.

Prior to transporting the off-site backfill to the excavation area, the origin and condition of the material was assessed. A site reconnaissance was performed on September 22, 2017 to assess the property location, current and historical property uses, current site conditions, backfill origin and stockpile conditions. Based on field observations the source of the backfill material was excavated from an ongoing pond expansion on the southwest side of the property located at 12223 Darling Road. Historical aerial photographs obtained from GoogleEarth®, the origin of the backfill was a former farm field for row crops at least through 2011. Sometime between 2011 and 2015 the property use was converted to a pond expansion/backfill material generation operation.

At the time of the reconnaissance the stockpiled material had moderate vegetation growth on it. No environmental concerns or conditions were observed at the origin or stockpile location (e.g. fill pipes, tanks, drums, trash/debris, odors, water sheens, etc.). The stockpile material appeared to be homogeneous throughout.

Nine soil samples were collected at various locations and depths around the stockpile to verify that the material was suitable for use as backfill. Samples were analyzed for:

- RCRA Metal (USEPA Method 0200.2/6020A);
- Volatile Organic Compounds (USEPA Method 5035/8260B);
- Semi-volatile Organic Compounds (USEPA Method 3546/8270C);
- Pesticides/Herbicides (USEPA Method 3546/8081B/8151A); and
- Polychlorinated Biphenyls (USEPA Method 3546/8082A).

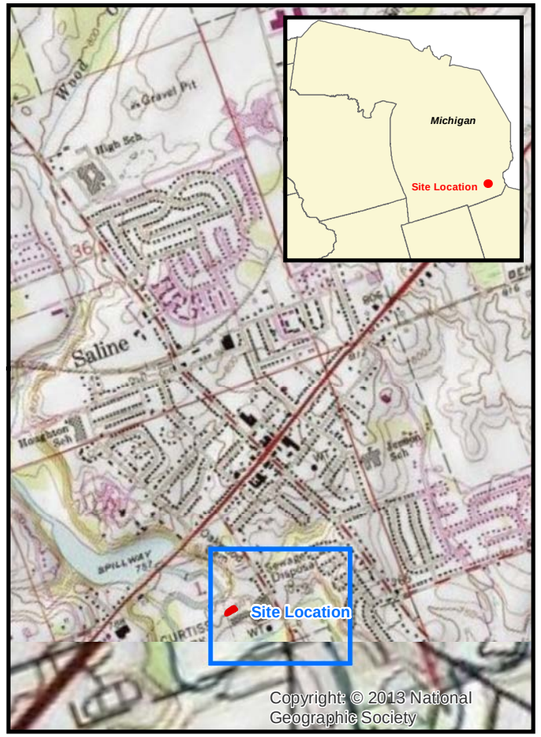
Samples were analyzed by Fibertec Environmental Services located in Brighton, Michigan. All sample results were below laboratory detection limits or below MDEQ Part 201 Residential criteria. Based on a review of the backfill source historical photographs, site reconnaissance conditions, and sampling results, the stockpiled backfill material located at 12223 Darling Road in

Milan, Michigan was deemed acceptable fill material for the excavation area and 1,365 CY were utilized to restore the excavation area. A Technical Memorandum of the backfill assessment was prepared and is included in **Appendix F**.

3.2.4 Disposal

CTI provided laboratory analytical data and waste profiling information to the disposal facility, Sauk Trial Hills Development located at 5011 S. Lilley Road, Canton, Michigan, prior to beginning the excavation. All truckloads of excavated soil transported off-site for disposal were documented on manifests provided by the disposal facility. With the written approval of Adient, CTI representatives signed the manifests on behalf of Adient as an authorized agent. Upon return from the landfill, trip tickets with recorded tons or CY were retained to document disposal. Copies of the manifest and haul trip tickets are provided in **Appendix H**. Based on the disposal documentation, 1,706 tons of material (1,365 CY) was excavated and disposed of off-site.

Figures



USGS 1:100,000 Quads: Saline, Michigan

Figure 1 Site Location

232 Monroe
Saline, Michigan

December 2017

232 Monroe Street Property

Interim Action Area

0 200 400
Feet

N

Prepared

28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
(248) 486-5100

Figure 2 Base Map

Interim Action Location
Saline, Michigan

December 2017

Fence

Interim Action Area

0 50 100
Feet

N

Prepared

28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
(248) 486-5100

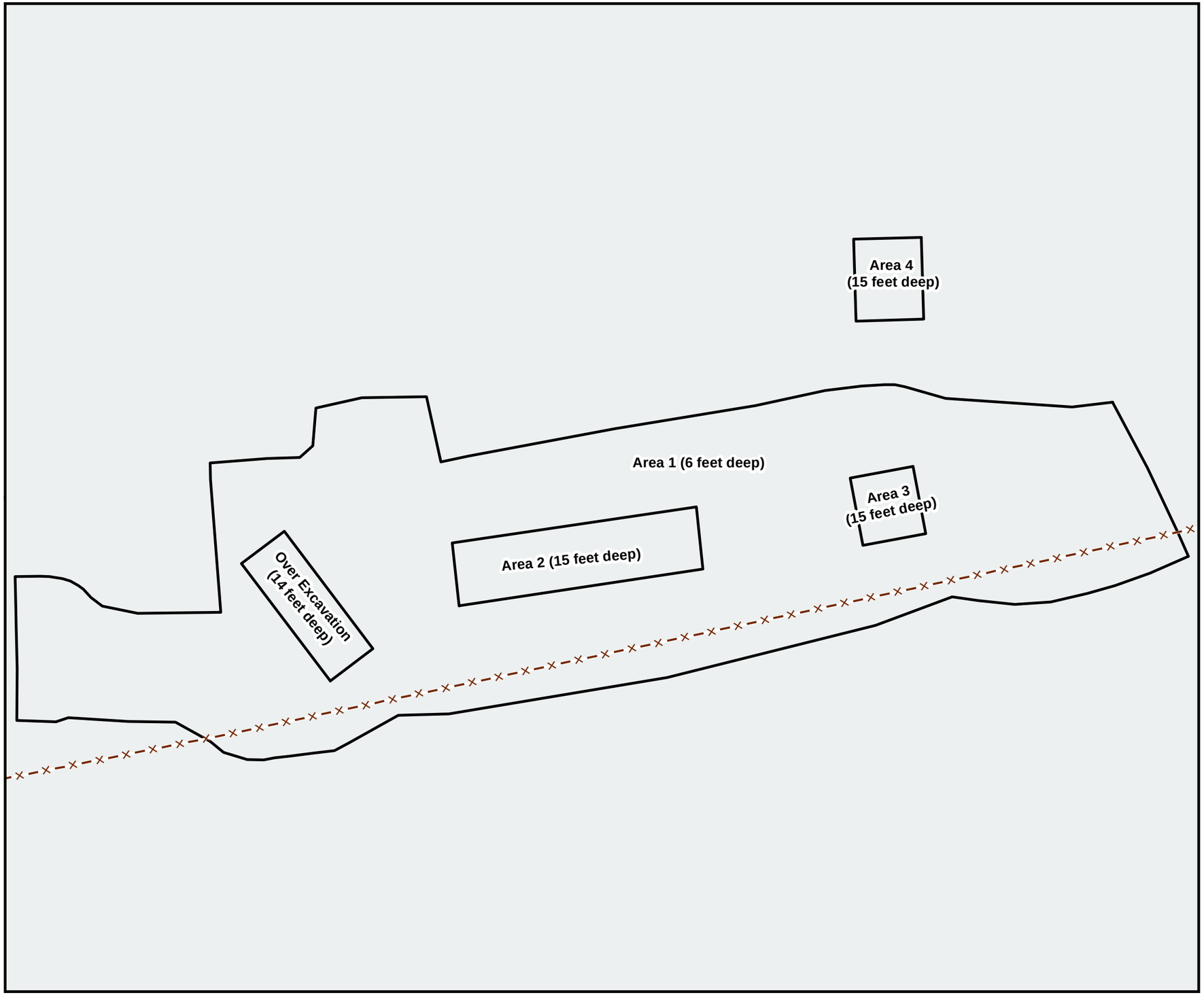


Figure 3 Extent of Excavation

Adient Property
Saline, Michigan

December 2017

Fence

Excavation Perimeter

Not to Scale

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Novi, Michigan 48377
(248) 486-5100

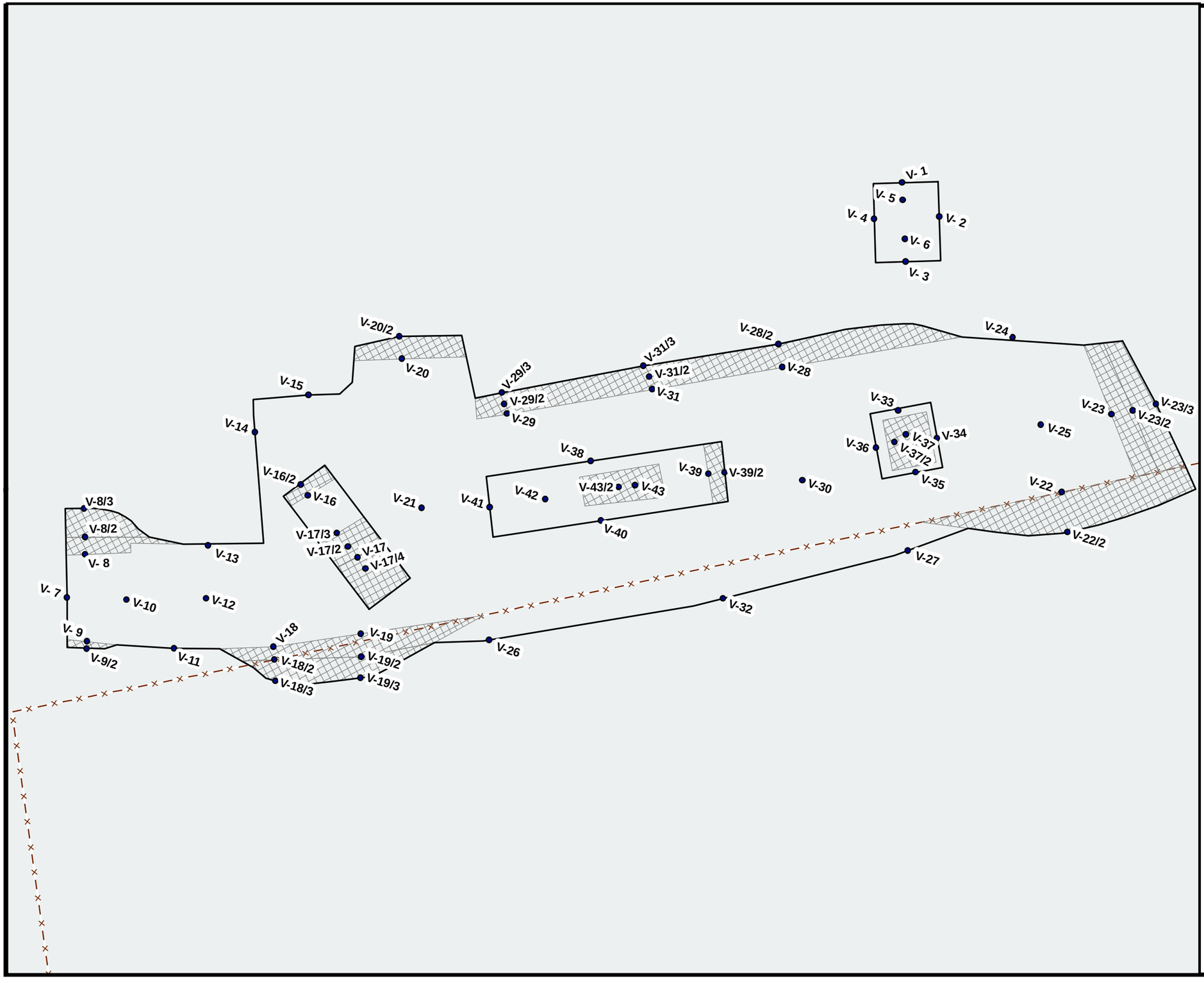

Figure 4 Verification Sample Locations

232 Monroe
Saline, Michigan

December 2017

- Verification Soil Sample Point
- Extent of Excavation
- Fence
- Over Excavation
- Site Area

Not to Scale

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Tables

Table 1 - Verification Sample Summary Table

Verification Sample Name	Part 201 Residential Direct Contact Criteria 7.6 mg/kg
	Arsenic Soil Sample Results (mg/kg)
Sidewall Samples	
V-1	4.6
V-2	3.2
V-3	3.3
V-4	3.4
V-7	5.3
V-8	**7.8**
V-8/2	**11.8**
V-8/3	4.4
V-9	**8.6**
V-9/2	7.1
V-11	7.1
V-13	7.4
V-14	5.4
V-15	6.9
V-18	**10.6**
V-18/2	**9.1**
V-18/3 *	**9.9**
V-19	**9.4**
V-19/2	**12.0**
V-19/3 *	**10.1**
V-20	**7.9**
V-20/2	7.2
V-22	**9.3**
V-22/2	5.3
V-23	**10.2**
V-23/2	**8.0**
V-23/3	4.5
V-24	6.3
V-26	5.0
V-27	4.8
V-28	**20.5**
V-28/2	1.0
V-29	**13.4**
V-29/2	**29.0**
V-29/3	6.5
V-31	**15.9**
V-31/2	**9.9**

Table 1 - Verification Sample Summary Table

Verification Sample Name	Part 201 Residential Direct Contact Criteria 7.6 mg/kg
	Arsenic Soil Sample Results (mg/kg)
V-31/3	6.7
V-32*	**10.3**
V-33	4.8
V-34	6.4
V-35	6.5
V-36	7.0
V-38	7.0
V-39	13.7
V-39/2	5.3
V-40	6.5
V-41	6.3
Floor Samples	
V-5	4.4
V-6	5.6
V-10	2.6
V-12	5.1
V-16	**10.2**
V-16/2	6.9
V-17	**21.2**
V-17/2	**7.7**
V-17/3	**10.5**
V-17/4	5.4
V-21	4.6
V-25	5.3
V-30	6.0
V-37	**8.5**
V-37/2	5.9
V-42	6.9
V-43	**8.8**
V-43/2**	**7.9**

Notes:

Bold values exceeded Part 201 Residential Direct Contact Criteria.

* Sample collected on 232 Monroe Street Property - Results subject to Part 201 Non-residential Direct Contact Criteria (37.0 mg/kg).

** Sample collected 17 feet below ground surface and is not applicable for comparison to Direct Contact criteria.

Appendix A

Preliminary Investigation Documentation

Preliminary Investigationl Results
232 Monroe Street
Saline, Michigan

Michigan Department of Environmental Quality (MDEQ) Part 201 Residential Cleanup Criteria (12-2013)				
Michigan Part 201 Residnetial Direct Contact Criteria				7.6 mg/kg
Sample Identification	**Sample Date**	**Soil/Sediment**	**Sample Depth (feet below surface)**	**Arsenic (mg/kg)**
HA-1 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	2.98
HA-2 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	1.77
HA-3 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	1.43
HA-4 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	1.80
HA-5 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	2.70
HA-6 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	2.55
SB-3 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	**7.89**
SB-4 / 2.5-3.5'	8/4/2015	unknown	2.5 - 3.5	3.08
B-1 / 2.5-3.5'	6/30/2016	Sand w/ gravel, silt, clay	2.5 - 3.5	**12.00**
B-1 / 5-6'	6/30/2016	Sand w/ silt, gravel	5.0 - 6.0	4.10
B-2 / 2.5-3.5'	6/30/2016	Sand w/ gravel, silt, clay	2.5 - 3.5	**9.20**
B-2 / 5-6'	6/30/2016	Sand w/ silt, gravel	5.0 - 6.0	**7.70**
B-3 / 2.5-3.5'	6/30/2016	Topsoil, sand w/ silt, clay	2.5 - 3.5	**13.0**
B-3 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	5.80
B-4 / 2.5-3.5'	6/30/2016	Topsoil, sand w/ silt	2.5 - 3.5	4.30
B-4 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	5.60
B-5 / 2.5-3.5'	6/30/2016	Topsoil, sand w/ silt, gravel	2.5 - 3.5	6.80
B-5 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	4.00
B-6 / 2.5-3.5'	6/30/2016	Sand w/ silt, gravel	2.5 - 3.5	**12.0**
B-6 / 5-6'	6/30/2016	Sand w/ silt, gravel	5.0 - 6.0	**31.0**
B-7 / 2.5-3.5'	6/30/2016	Topsoil, clay w/ silt, sand	2.5 - 3.5	**9.6**
B-7 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	**22.0**
B-7D / 8.5-10'	9/12/2016	Clay w/ silt	8.5 - 10.0	**8.40**
B-7D / 13.5-15'	9/12/2016	Clay w/ silt	13.5 - 15.0	**19.0**
B-8 / 2.5-3.5'	6/30/2016	Topsoil, clay w/ silt, sand	2.5 - 3.5	**19.0**
B-8 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	5.20
B-9 / 2.5-3.5'	6/30/2016	Topsoil, clay w/ silt, sand	2.5 - 3.5	**8.20**
B-9 / 5-6'	6/30/2016	Sand w/ silt, clay	5.0 - 6.0	**18.0**
B-9D / 8.5-10'	9/12/2016	Clay w/ silt	8.5 - 10.0	6.20
B-9D / 13.5-15'	9/12/2016	Clay w/ silt	13.5 - 15.0	**9.00**
B-10 / 2.5-3.5'	6/30/2016	Sand & gravel w/ silt	2.5 - 3.5	7.00
B-10 / 5-6'	6/30/2016	Sand w/ silt, gravel	5.0 - 6.0	**10.0**
B-11 / 2.5-3.5'	6/30/2016	Sand w/ clay, silt, gravel	2.5 - 3.5	**10.0**
B-11 / 5-6'	6/30/2016	Sand w/ clay, silt, gravel	5.0 - 6.0	**14.0**
B-11D / 8.5-10'	9/12/2016	Clay w/ silt, gravel	8.5 - 10.0	**32.0**
B-11D / 13.5-15'	9/12/2016	Clay w/ silt	13.5 - 15.0	**11.0**
B-12 / 2.5 - 3.5'	7/28/2016	Sand & gravel	2.5 - 3.5	**8.10**
B-12 / 5-6'	7/28/2016	Sand w/ silt, clay, gravel	5.0 - 6.0	3.40
B-13 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, gravel	2.5 - 3.5	**11.0**
B-13 / 5 - 6'	7/28/2016	Sand w/ silt, gravel	5.0 - 6.0	6.00

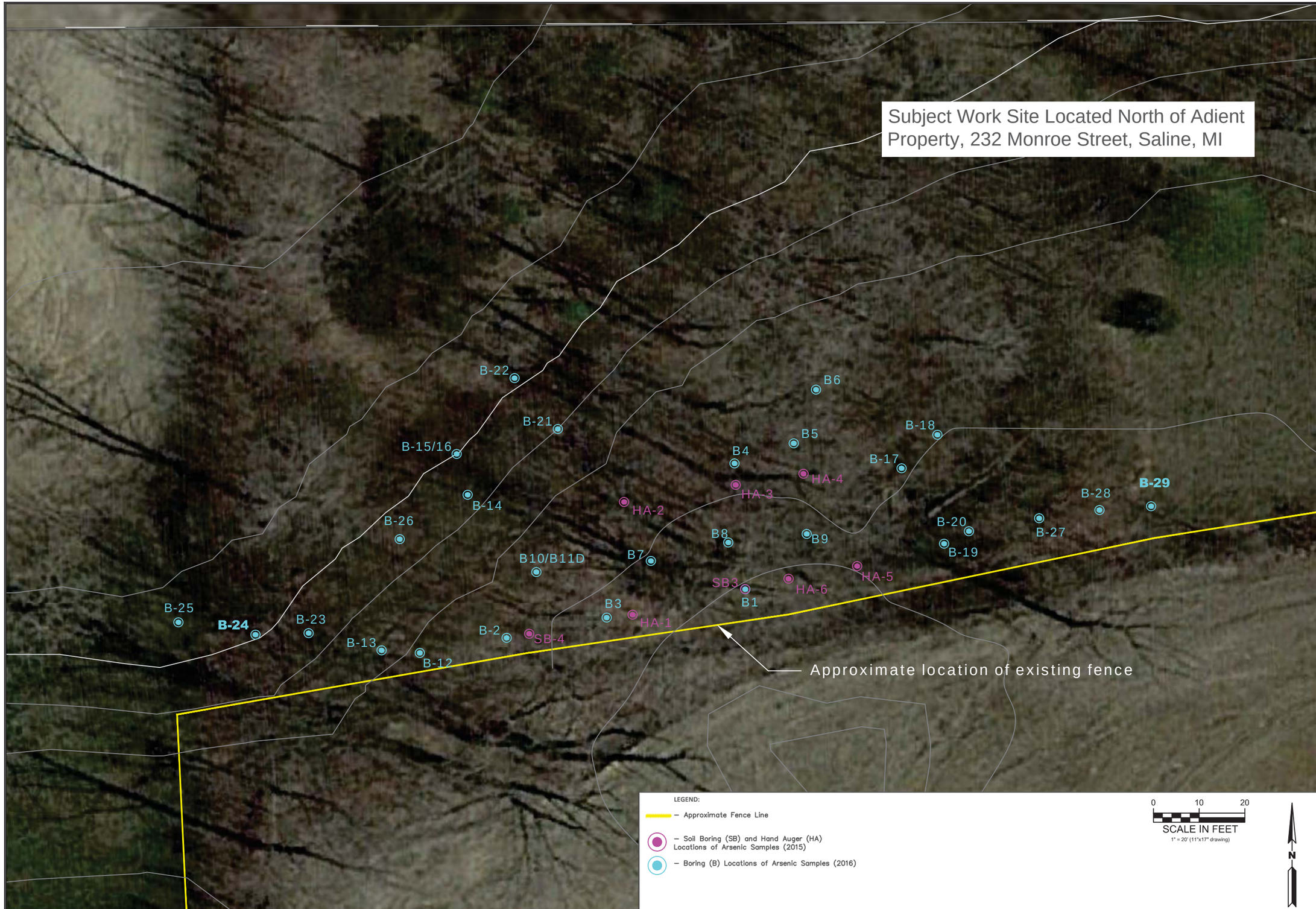
Preliminary Investigationl Results
232 Monroe Street
Saline, Michigan

Michigan Department of Environmental Quality (MDEQ) Part 201 Residential Cleanup Criteria (12-2013)				
Michigan Part 201 Residnetial Direct Contact Criteria				7.6 mg/kg
Sample Identification	**Sample Date**	**Soil/Sediment**	**Sample Depth (feet below surface)**	**Arsenic (mg/kg)**
B-14 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, gravel, clay	2.5 - 3.5	**9.30**
B-14 / 5 - 6'	7/28/2016	Sand w/silt, clay	5.0 - 6.0	**10.0**
† B-15 / 2.5 - 3.5'	7/28/2016	Sand w/silt, clay, gravel	2.5 - 3.5	6.10
‡ B-15 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	6.50
† B -16 / 2.5 - 3.5'	7/28/2016	Sand w/silt, clay, gravel	2.5 - 3.5	4.90
‡ B-16 / 5' - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	6.40
B-17 / 2.5 - 3.5'	7/28/2016	Sand w/ clay, gravel	2.5 - 3.5	4.90
B-17 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	3.70
B-18 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, clay	2.5 - 3.5	3.40
B-18 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	7.40
B-19 / 2.5 - 3.5'	7/28/2016	Topsoil & Sand w/ silt, clay	2.5 - 3.5	7.40
B-19 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	**14.0**
B-20 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, clay	2.5 - 3.5	**11.0**
B-20 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	4.80
B-21 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, clay, gravel	2.5 - 3.5	4.20
B-21 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	5.40
B-22 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, clay	2.5 - 3.5	2.50
B-22 / 5 - 6'	7/28/2016	Clay w/ silt, sand	5.0 - 6.0	7.00
B-23 / 2.5 - 3.5'	7/28/2016	Sand w/ silt, clay, gravel	2.5 - 3.5	**9.40**
B-23 / 5 - 6'	7/28/2016	Clay w/ sand, gravel	5.0 - 6.0	**11.0**
B-24 / 2-3'	9/12/2016	Sand w/ silt, gravel	2.0 - 3.0	**9.40**
B-24 / 5-6'	9/12/2016	Sand w/ silt, gravel	5.0 - 6.0	6.20
B-25 / 2-3'	9/12/2016	Sand w/ silt	2.0 - 3.0	6.60
B-25 / 5-6'	9/12/2016	Clay w/ silt, sand	5.0 - 6.0	6.20
B-26 / 2-3'	9/12/2016	Topsoil/Sand/Clay	2.0 - 3.0	**19.0**
B-26 / 5-6'	9/12/2016	Sand w/ gravel	5.0 - 6.0	**8.20**
B-27 / 2 - 3'	9/12/2016	Topsoil/Sand w/ silt, clay	2.0 - 3.0	4.90
B-27 / 5-6'	9/12/2016	Clay w/ silt, sand	5.0 - 6.0	4.30
B-28 / 2-3'	9/12/2016	Sand w/ silt, clay	2.0 - 3.0	5.40
B-28 / 5-6'	9/12/2016	Clay w/ silt, sand	5.0 - 6.0	4.80
B-29 / 2-3'	9/12/2016	Sand w/ silt, clay	2.0 - 3.0	5.20
B-29 / 5-6'	9/12/2016	Sand w/ clay	5.0 - 6.0	5.00

† Sample B-16 / 2.5-3.5' is duplicate sample of B-15 / 2.5-3.5'.

‡ Sample B-16 / 5-6' is duplicate sample of B-15 / 5-6'.

> MDEQ Residential Direct Contact Criteria



cti
28001 Cabot Dr.
Ste. 250
Novi, MI 48377
Ph: 800.CTI.TODAY

232 MONROE STREET
SALINE, MI
Arsenic Elevation Profile
(North of Adient Property)

CLIENT:
Adient, MI

REVISIONS:

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

DATE
Jan 27, 2017

PROJECT NO.
Adient

FIGURE NO.
1

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 1

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter mixed with silty sands and clay	NA	NA	Slightly Moist	
2	Brown Sand and Gravel	B-1 / 2.5-3.5	NA	Slightly Moist	
	Brown/Red Sand with silty-clay and trace gravel				
3		NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silt and Gravel	NA	NA	Moist	
5		B-1 / 5-6'			
6	EOB				
7					
8					
9					
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18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 2

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Topsoil with organic matter with mixed Sily Clay and Sands	NA	NA	Slightly Moist	
2	Brown Sand and Gravel	B-2 / 2.5-3.5'	NA	Slightly Moist	
	Brown/Red Sand with Silt and Gravel				
3		NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silt and Gravel	NA	NA	Moist	
5		B-2 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
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17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B-3

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter/roots and some Silty-Sand	NA	NA	Slightly Moist	
2		B-3 / 2.5-3.5'	NA	Slightly Moist	
	Brown Sand with Silt and Gravel				
3		NA	NA	Slightly Moist	
4	Light Brown Sands with Silty Clay	NA	NA	Slightly Moist	
5		B-3/ 5-6'			
6	EOB				
7					
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B-4

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Topsoil with organic matter/roots and Silty clay/sands	NA	NA	Slightly Moist	
2		B-4 / 2.5-3.5'	NA	Slightly Moist	
3	Brown Sand with Silt	NA	NA	Slightly Moist	
4	Light Brown Sands with Silty Clay	NA	NA	Slightly Moist	
5		B-4/ 5-6'			
6	EOB				
7					
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B-5

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter mixed with silty clay and sands	NA	NA	Slightly Moist	
2		B-5 / 2.5-3.5'	NA	Slightly Moist	
	Brown/red Sands with Silt and Gravel				
3		NA	NA	Slightly Moist	
4	Light Brown Sands with Silty Clay				
		NA	NA	Slightly Moist	
5		B-5 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
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16					
17					
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19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 6

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	
2	Brown/Red Sand with Silt and Gravel	B-6 / 2.5-3.5	NA	Slightly Moist	
3		NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silt and Gravel	NA	NA	Moist	
5		B-6 - 5-6'			
6	EOB				
7					
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 7

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	
2		B-7 / 2.5-3.5'	NA	Moist	
	Brownish gray Silty Clay with Sand				
3		NA	NA	Damp	
4	Grayish silty sand with clay	NA	NA	Damp	
5		B-7 / 5-6'			
6	EOB				
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 7D

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	No Recovery (See B-7 log)	NA	NA	NA	
2					
3		NA	NA	NA	
4					
5					
6	Light Brown Sandy-Silt with some Clay and Gravel	NA	NA	Damp	
7	Light brown Silty Clay	NA	NA	Damp	
8					
9	Gray Silty Clay	B-7D - 8.5 - 10'	NA	Damp	
10					
11		NA			
12					
13		B-7D - 13.5-15'			
14					
15	EOB				
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	No
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 8

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	Damp condition reeds present
2		B-8 / 2.5-3.5'	NA	Moist	
	Brownish gray Silty Clay with Sand				
3		NA	NA	Damp	
4	Grayish silty sand with clay	NA	NA	Damp	
5		B-8 / 5-6'			
6	EOB				
7					
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18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 9

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	Damp condition reeds present
2		B-9 / 2.5-3.5'	NA	Moist	
	Brownish gray Silty Clay with Sand				
3		NA	NA	Damp	
4	Grayish silty sand with clay	NA	NA	Damp	
5		B-9 / 5-6'			
6	EOB				
7					
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16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 9D

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	No Recovery (see B-9 log)	NA	NA	NA	
2					
3					
4					
5	Brown/Red Sandy Silt with Sand and Gravel	NA	NA	Damp	
6					
7	Gray Silty-Clay	NA	NA	Moist	
8					
9		B-9D - 8.5-10'			
10		NA			
11					
12					
13					
14		B-9D-13.5-15'			
15	EOB				
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 10

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic mattewith ,ixed silty clay and sand	NA	NA	Slightly Moist	
2	Brown Sand and Gravel	B-10 / 2.5-3.5'	NA	Slightly Moist	
	Brown/Red Sand with Silt and Gravel				
3		NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silt and Gravel	NA	NA	Slightly Moist	
5		B-10 - 5-6'			
6	EOB				
7					
8					
9					
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel North of 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	6/30/2016

SOIL BORING ID: B - 11

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Topsoil with organic matter and some silty sand	NA	NA	Slightly Moist	
2	Brown/Red Sand with Siltly clay and Gravel	B-11 - 2-3'	NA	Slightly Moist	
3		NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silly clay with trace gravel	NA	NA	Slightly Moist	
5		B-11 - 5-6'			
6	EOB				
7					
8					
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12					
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FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 11D

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1, 2, 3, 4	No recovery (see B-11 log)	NA	NA	NA	
5, 6	Brown Sand with Silt	NA	NA	Moist	
7, 8	Brown/Tan Silty Sand with Clay and Gravel	NA	NA	Damp	
9	Gray Stily-Clay with Gravel	Sample B-11D - 8.5-11'	NA	Damp	
10, 11, 12, 13, 14	Gray Silty-Clay	NA Sample B-11D - 13.5 - 15'	NA	Moist	
15, 16, 17, 18, 19, 20	EOB				

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 12

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter and Sands	NA	NA	Slightly moist	
2	Light Brown Sand and Gravel		NA	Slightly moist	
		B-12 / 2.5 - 3.5'			
3			NA		
		NA			
4			NA		
	Light Brown Sandy-Silt with trace Clay and Gravel			Slightly moist	
5		B-12 / 5-6'	NA		
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	No
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 13

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter and some Silty Sand	NA	NA	Slightly Moist	
2	Dark Brown Sand with Trace Silt and Gravel		NA	Slightly Moist	
		B-13 / 2.5-3.5'			
3			NA		
	Brown Sand with Trace Silt and Gravel	NA		Slightly Moist	
4			NA		
5	Light Brown Sand with Silt and Gravel	B-13 / 5-6'	NA	Slightly Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
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14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 14

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter	NA	NA	Slightly Moist	
	Brown Sand with Silt		NA	Slightly Moist	
2		B-14 / 2.5-3.5'			
3	Brownish Gray Silty Sand with Trace Gravel and Clay		NA	Moist	
4		NA			
5	Brownish Gray Silty Sand with Clay	B-14 / 5-6'	NA	Damp	
6	EOB	NA	NA	NA	
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 15/16

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	
2	Brown Sand with Silt and Trace Clay, Gravel and Limestone Inclusions	B-15/16 / 2.5-3.5'	NA	Slightly Moist	
3					
4	Light Brown Silty Clay with Trace Sand	NA	NA	Moist	
5		B-15/16 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 17

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter with some Sand and Silt	NA	NA	Slightly Moist	
2	Brown Silty Sand with Trace Clay and Gravel	B-17 / 2.5-3.5'	NA	Slightly Moist	
3	Brown-Gray Silty Sand with Clay	NA	NA	Moist	
4	Gray Silty Clay with Sand				
5		B-17 - 5-6'	NA	Damp	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 18

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter and Sand	NA	NA	Slightly Moist	
2	Brown-Gray Silty Sand with Clay	B-18 / 2.5-3.5'	NA	Moist	
3		NA			
4	Gray Silty Clay with Sand		NA	Damp	
5		B-18 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Deive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 19

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter and some Silt and Clay	NA	NA	Slightly Moist	
2		B-19 / 2.5-3.5'	NA	Slightly Moist	
	Light Brown-Gray Silty Sand with Clay and Trace Sand				
3		NA	NA	Moist	
4					
5	Brown Silty Clay with Sand	B-19 / 5-6'	NA	Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

NA - Not Applicable

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 20

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter	NA	NA	Slightly Moist	
2	Brown Silty Sand with trace Clay	B-20 / 2.5-3.5'	NA	Slightly Moist	
3		NA	NA	Moist	
4	Light Brown Silty Clay with Sand		NA	Moist	
5		B-20 / 5-6'	NA	Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Gerald Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe / 5' Marco Core	WELL INSTALLED:	
BACKFILL MATERIAL:	Soil Cuttings / Bentonite	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Dr. Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 21

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter	NA	NA	Damp	
2	Light Brown/Gray Silty Sand with some Clay and Trace Gravel	B-21 / 2.5-3.5'	NA	Damp	
3	Gray Silty Clay with some Sand	NA	NA	Moist	
4					
5		B-21 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Dr. Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	7/28/2016

SOIL BORING ID: B - 22

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter	NA	NA	Slightly Damp	
2	Light Brown/Gray Silty Sand with Clay	B-22 / 2.5-3.5'	NA	Damp	
3		NA			
4	Gray Silty Clay with some Sand	NA	NA	Moist	
5		B-22 / 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Dr. Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	07/28/16

SOIL BORING ID: B - 23

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Brown Topsoil with Organic Matter	NA	NA	Slightly Damp	
2	Brown Silty Sand with some Clay and Limestone Inclusions	B-23 / 2.5-3.5'	NA	Slightly Damp	
3		NA			
4		NA			
5	Brown Silty Clay with some Sand and Limestone inclusions	B-23 / 5-6'	NA	Damp	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 24

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with organic matter and some Silty-Sand	NA	NA	Slightly Moist	
2	Brown Sand and Gravel	B-24 - 2-3'	NA	Slightly Moist	
3	Brown/Red Sand with Silt and Gravel	NA	NA	Slightly Moist	
4	Light Brown/Red Sand with Silt and Gravel	NA	NA	Slightly Moist	
5		B-24 - 5-6'			
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 25

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter and some Sand and Silt	NA	NA	Moist	
2	Light Brown/Red Silty Sand with some Organic Matter	B-25 - 2-3'	NA	Moist	
3	Light Brown/Red Silty Sand with some Gravel	NA	NA	Damp	
4	Light Brown/Red Silty Clay with Sand	NA	NA	Damp	
5	Gray Silty Clay with Sand	B-25 - 5-6'	NA	Damp	Red, Iron staining around 5.5'
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED: NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

CTI and Associates, Inc.
28001 Cabot Drive, Ste 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 26

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter	NA	NA	Damp	
2		B-26 - 2-3'	NA	Damp	
3	Dark Brown Sand and Clay	NA	NA	Damp	
4					
5	Light Brown Sand and Gravel	B-26 - 5-6'	NA	Damp	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Deive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 27

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter and some Silt and Clay	NA	NA	Moist	
2		B-27 - 2-3'	NA	Moist	
3	Light Brown Silty Sand with Clay	NA	NA	Moist	
4					
5	Light Brown Silty Clay with Sand	B-27 - 2-3'	NA	Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING		
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):
DRILLING METHOD:	Geoprobe	WELL INSTALLED:
BACKFILL MATERIAL:	NA	WELL ID:

NA - Not Applicable

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 28

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Brown Topsoil with Organic Matter	NA	NA	Moist	
2	Light Brown Silty Sand with Clay	B-28 - 2-3'	NA	Moist	
3		NA	NA	Moist	
4	Light Brown Silty Clay with Sand	NA	NA	Moist	
5		B-28 - 5-6'	NA	Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Gerald Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe / 5' Marco Core	WELL INSTALLED:	
BACKFILL MATERIAL:	Soil Cuttings / Bentonite	WELL ID:	

CTI and Associates, Inc.
28001 Cabot Dr. Ste. 250
Novi, Michigan 48377
Phone: 248-486-5100

LOG OF TEST BORING

PROJECT NAME	JCI - Monroe
ADDRESS	Parcel adjacent to 232 Monroe, Saline, MI
PROJECT NUMBER	1135010007.002
DATE	9/12/2016

SOIL BORING ID: B - 29

Depth (feet bgs)	SOIL DESCRIPTION	Sample ID	PID	Moisture	Comments
1	Dark Borwn Topsoil with Organic Matter	NA	NA	Damp	
2	Light Brown/Gray Silty Sand with some Clay and Organic Matter	B-29 - 2-3'	NA	Damp	
3	Gray Sandy Silt with some Clay	NA	NA	Moist	
4	Brow/Red Silty Sand with some Clay	NA	NA	Moist	
5		B-29 - 5-6'	NA	Moist	
6	EOB				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FIELD SCREENING			
DRILLING COMPANY:	Fibertec Inc.	GW ENCOUNTERED:	NO
DRILLING FOREMAN:	Jes Stromberger	DEPTH (FT):	
DRILLING METHOD:	Geoprobe	WELL INSTALLED:	
BACKFILL MATERIAL:	NA	WELL ID:	

Appendix B

Permit Documentation

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

Robert Shebuski

Subject: FW: Joint Permit Question

From: Cervelli, Donna (DEQ) [mailto:CERVELLID@michigan.gov]
Sent: Tuesday, May 09, 2017 1:18 PM
To: Golden, Luke (DEQ) <GoldenL3@michigan.gov>
Cc: Robert Shebuski <rshebuski@cticompanies.com>
Subject: Re: Joint Permit Question

Greetings, If excavating in floodplain and restoring grades essentially to pre-existing conditions, then the excavation & restoration is exempt.

The DEQ has taken authority over larger excavation projects (20,000 cuss) due to the temporary impacts.

Thanks for inquiring, Donna

Sent from my iPhone

On May 9, 2017, at 12:32 PM, Golden, Luke (DEQ) <GoldenL3@michigan.gov> wrote:

> Hey Donna, Could you please help Mr. Shebuski out in regards to his floodplain question below??
>
> Thanks,
>
> *Luke Golden*
> *Department of Environmental Quality*
> *Water Resources Division*
> *301 East Louis Glick Hwy*
> *Jackson, MI 49201*
> *phone: 517-416-7001*
> *Fax: 517-780-7855*
> *goldenl3@michigan.gov*
>
> *www.michigan.gov/wetlands*
>
> ---
>
> **From:** Robert Shebuski [mailto:rshebuski@cticompanies.com]
> **Sent:** Tuesday, May 9, 2017 12:00 PM
> **To:** Golden, Luke (DEQ) <GoldenL3@michigan.gov>
> **Subject:** Joint Permit Question
>
> I am contacting you because I have a question regarding the need for a Joint Permit Application for a site located in Saline. .
>
> 1. Our client needs to perform a small excavation on their own property for remediation purposes.
> 2. The excavation will be approximately 6 feet x 6 feet x 5 feet (8 to12 cu yds) and immediately backfilled.
> 3. According to the FEMA Map the dig location is within a 100 year floodplain.

4. The property has never been observed as flooded in the past and Google Earth shows at least an 8 foot relief over 300 linear feet. (I attached a Map).

Based on this information do you think that a JPA or other permit would be required for project of this small size? I realize that you are probably very busy , but I would appreciate any help you could give me with this matter.
Sincerely,
Robert Shebuski

Please visit our new website at www.cticompanies.com

<~WRD000.jpg>

Robert Shebuski
Project Geologist

CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250, Novi, MI 48377
248.560.0763 ***Direct*** | 248.904.0621 ***Mobile***
1.800.CTI.TODAY | 248.486.5050 ***Fax***

Health and Safety - Our Highest Priority

CTI and Associates, Inc. This message contains confidential information and is intended only for the individual(s) addressed in the message. If you are not the named addressee, you should not disseminate, distribute, or copy this e-mail. If you are not the intended recipient, you are notified that disclosing, distributing, or copying this e-mail is strictly prohibited.

<Site Map.pdf>

Robert Shebuski

From: James R. Dickson
Sent: Tuesday, September 12, 2017 4:12 PM
To: Andrew J. Lonergan; Paul Lindquist
Cc: Charlie Williams; Paul R. Haas Jr.; Michael Spradling; Kevin D. Manuel; Robert Shebuski
Subject: RE: 232 Monroe - map of flood zone

All,
Link to Washtenaw County Permits:
http://www.ewashtenaw.org/government/drain_commissioner/dc_webPermits_DesignStandards/dc_webPermits_DesignStandards#flood

Excerpts below:

When is a Permit Needed?

Crossing, modifying, discharging to a county drain or any work within a county drain easement requires a permit from the Washtenaw County Water Resources Commissioner. Please contact the Washtenaw County Water Resources Commissioner's office for a **Drain Use Permit Application** (734-222-6860) Important: Please include plans and fees with the permit application; see below. Permits from other agencies may also be necessary. If you are seeking to discharge to a County Drain, you will also need to submit an Affidavit of Pollution Prevention and Environmental Protection.

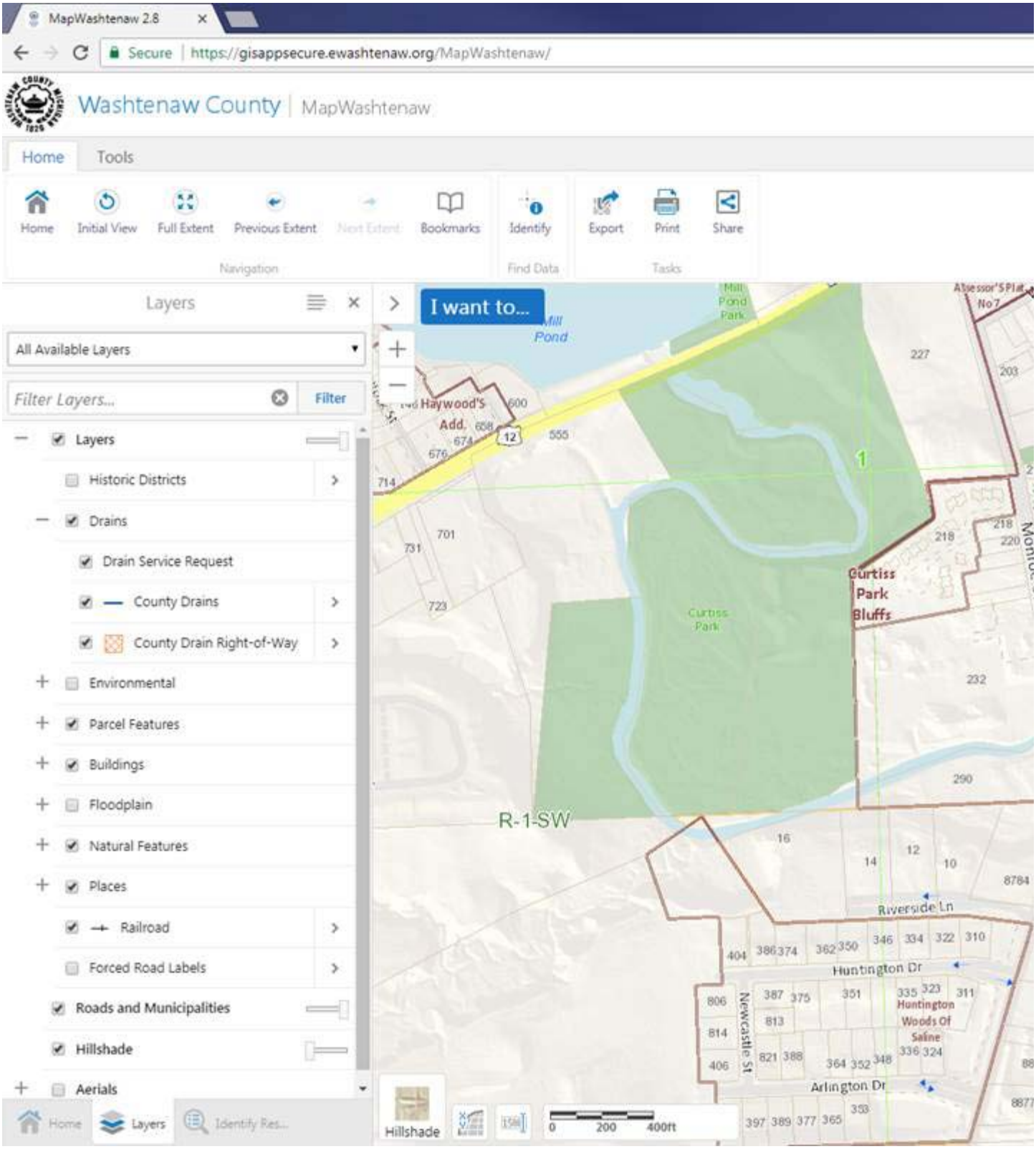
As long as we are not doing work in a county drain easement there is no permit required.

Floodplain Information

The County Drain Commissioner/Water Resources Commissioner **Does Not** regulate Flood Zones. On March 1, 2003, the Federal Emergency Management Agency (FEMA) became part of the U.S. Department of Homeland Security (DHS). FEMA's continuing mission within the new department is to lead the effort to prepare the nation for all hazards and effectively manage federal response and recovery efforts following any national incident. FEMA also initiates proactive mitigation activities, trains first responders, and manages the National Flood Insurance Program.

Washtenaw County does not Regulate Flood Zones.

Below is the Washtenaw County Map with Drains turned on and it shows no drains at 232 Monroe Street.
https://gisappsecure.ewashtenaw.org/MapWashtenaw/
Should be good to go.



Jamie

From: James R. Dickson
Sent: Tuesday, September 12, 2017 2:54 PM
To: Andrew J. Lonergan <dlonergan@cticompanies.com>; Paul Lindquist <plindquist@cticompanies.com>
Cc: Charlie Williams <cwilliams@cticompanies.com>; Paul R. Haas Jr. <phaas@cticompanies.com>; Michael Spradling

<mspradling@cticompanies.com>; Kevin D. Manuel <kmanuel@cticompanies.com>; Robert Shebuski <rshebuski@cticompanies.com>
Subject: RE: 232 Monroe - map of flood zone

All,

We did the evaluation for being within the AE Flood Plain for the Joint Permit Requirements and have the okay in writing from the state because it was a minor excavation and we are backfilling to restore the existing grades. I believe Bob Shebuski has a copy of that. Bob can you find it and send it out to the group.

We will double check with Washtenaw County to be sure there isn't a superseding County requirement we missed and get back to you on that tomorrow.

Thanks,

Jamie

From: Andrew J. Lonergan
Sent: Tuesday, September 12, 2017 2:28 PM
To: James R. Dickson <jdickson@cticompanies.com>; Paul Lindquist <plindquist@cticompanies.com>
Cc: Charlie Williams <cwilliams@cticompanies.com>; Paul R. Haas Jr. <phaas@cticompanies.com>; Michael Spradling <mspradling@cticompanies.com>; Kevin D. Manuel <kmanuel@cticompanies.com>; Robert Shebuski <rshebuski@cticompanies.com>
Subject: 232 Monroe - map of flood zone

Jamie and Paul L.,
I spoke with the client today regarding the arsenic dig. He spoke with the property owner today. The owner sent Mike a drawing that shows the work area as a flood zone. This is news to us. The owner also said the Washtenaw Co. inspector guy is all over them about their silt fence. Please run down what a type AE flood zone, and if we need to get a permit for work in that type of zone. Is it a Joint Permit or something at the County level.

Mike and Paul,
The client believes the PO has already been approved, based on the $312 high # per the May 2017 cost document. He will check on this and let us know. The client also believes that the "background" number referenced in the access agreement is the 10.3 # for on-site. If this is true (the 10.3 mg/kg is what's referenced in the access agreement), then then we can use the on-site soil pile. I think we should continue to price off-site soil in the event that one of the lower background numbers is used and we have to buy/import fill. Stay tuned on this item

Andrew J. Lonergan
CTI and Associates, Inc.
mobile: (248) 770-5998
office: (248) 560-0715

From: Michael L Stoelton [mailto:michael.l.stoelton@adient.com]
Sent: Tuesday, September 12, 2017 2:37 PM
To: Andrew J. Lonergan <dlonergan@cticompanies.com>
Subject: FW: Map of contaminated area/ Curtiss Park Bluffs

See attachment

Michael L. Stoelton
Director of Environmental Affairs
Adient US LLC
49200 Halyard Drive
Plymouth, MI 48170

Tel. (734) 254-5657 Fax (734) 254-7899

Michael.l.stoelton@adient.com

This communication may contain confidential or privileged information. If you receive it in error, please delete it and contact me at the email address or telephone number indicated above so I can correct my email address file. I apologize for any inconvenience you may have been caused.

From: Mark Lewis [mailto:markl@lewisklein.com]
Sent: Monday, September 11, 2017 3:52 PM
To: Michael L Stoelton <michael.l.stoelton@adient.com>
Subject: Map of contaminated area/ Curtiss Park Bluffs

Mike, I just received the fully executed copy of the Access Agreement, thank you for your help on this. Now that we are ready for the work to commence, I have attached for your info a map of the area in question. When you get this map, please give me a call to discuss. I have some thoughts that I would like to share with you. thanks

--

Mark D. Lewis

LEWIS/KLEIN PROPERTIES
30600 Northwestern Highway, Suite 250
Farmington Hills, MI 48334
Phone/Fax: (248) 785-0801
Email: markl@lewisklein.com
Please visit our website: www.lewisklein.com

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Appendix C

Photographic Log

APPENDIX C - PHOTO LOG

1) Initial Site Conditions – Undeveloped with Vegetation (June 2016).

2) Initial Site Conditions – Undeveloped with Vegetation (June 2016).

APPENDIX C - PHOTO LOG

3) Initial Soil Boring Locations along Fencing – Facing West (June 2016).

4) Initial Soil Boring and Surveying Stakes – Facing West (June 2016).

APPENDIX C - PHOTO LOG

5) Initial Soil Boring Holes for Samples – SB3, HA3 and HA5 (June 2016).

6) Initial Soil Boring Samples (June 2016).

APPENDIX C - PHOTO LOG

7) Initial Soil Bore Sample at Location B-5 (June 2016).

8) Initial Soil Bore Sample at Location B-1 (June 2016).

APPENDIX C - PHOTO LOG

9) Arsenic Area Mapping View South (December 2016).

10) Arsenic Area Mapping Bore B4 (December 2016).

11) Arsenic Area Mapping View East (December 2016).

12) Site Clearing and Tree Removal (September 2017).

APPENDIX C - PHOTO LOG

13) Site Clearing and Tree Removal (October 2017).

14) Creating Mulch from Vegetation Removal (October 2017).

APPENDIX C - PHOTO LOG

15) Off-Site Transporation and Disposal of Impacted Soil (October 2017).

16) Beginning of Digging Area 1 NE and Area 4 in the Background (October 4, 2017).

17) Area 4 Excavated (October 2017).

18) Area 4 Clean Fill Placement (October 2017).

APPENDIX C - PHOTO LOG

19) Excavating Activities Overview near V-26 and Area 3 (October 2017).

20) Extended Excavation Activities V-19, West End of Area 1 (October 2017).

APPENDIX C - PHOTO LOG

21) Extended Excavation Activities, East End (October 2017).

22) Excavation Activities, Area 2 Northwest and Concrete Removal near V-8 (October 2017).

23) Dig Overviews from V-15 North and Location V-29 Reverification (October 2017).

24) Clean Soil Delivery to Edge of Excavation Site (October 2017).

APPENDIX C - PHOTO LOG

25) Backfilling and Grading Activities (October 2017).

26) Flagged for Survey After Excavation and Backfill - East and West (October 17, 2017).

APPENDIX C - PHOTO LOG

27) Flagged for Survey After Excavation and Backfill - North and Northwest (October 17, 2017).

28) Surveyor on Site After Soil Restoration Complete (October 17, 2017).

APPENDIX C - PHOTO LOG

29) Site Restoration and Tree Planting Activities (October 2017).

30) Trees Planted and Mulched, and Temporary Fencing Installed (October 2017).

APPENDIX C - PHOTO LOG

31) Installing Perimeter Fence (October 2017).

32) Installed Perimeter Chainlink Fence with 3-Strand Barbed Wire (October 2017).

Appendix D

Analytical Laboratory Reports – Verification Samples

Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

October 04, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Dear Robert Shebuski:
Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.
Phil Riley, CTI and Associates, Inc.

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Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	462999

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Lab ID	Sample ID	Matrix	Date Collected	Date Received
462999001	**V-1**	Solid	10/03/17 10:15	10/03/17 19:00
462999002	**V-2**	Solid	10/03/17 10:16	10/03/17 19:00
462999003	**V-3**	Solid	10/03/17 10:17	10/03/17 19:00
462999004	**V-4**	Solid	10/03/17 10:18	10/03/17 19:00
462999005	**V-5**	Solid	10/03/17 10:19	10/03/17 19:00
462999006	**V-6**	Solid	10/03/17 10:20	10/03/17 19:00
462999007	**V-7**	Solid	10/03/17 14:15	10/03/17 19:00
462999008	**V-8**	Solid	10/03/17 14:16	10/03/17 19:00
462999009	**V-9**	Solid	10/03/17 14:17	10/03/17 19:00
462999010	**V-10**	Solid	10/03/17 14:18	10/03/17 19:00

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Lab ID	Sample ID	Method	Analysts	Analytes Reported
462999001	**V-1**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999002	**V-2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999003	**V-3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999004	**V-4**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999005	**V-5**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999006	**V-6**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999007	**V-7**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999008	**V-8**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999009	**V-9**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
462999010	**V-10**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-1 **Lab ID: 462999001** Collected: 10/03/17 10:15 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.6**	mg/kg	0.12	1	10/03/17 21:49	10/04/17 09:11	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**20.8**	%	0.10	1		10/03/17 21:35		

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Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-2 **Lab ID: 462999002** Collected: 10/03/17 10:16 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**3.2**	mg/kg	0.13	1	10/03/17 21:49	10/04/17 09:15	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**23.9**	%	0.10	1		10/03/17 21:38		

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Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-3 **Lab ID: 462999003** Collected: 10/03/17 10:17 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**3.3**	mg/kg	0.13	1	10/03/17 21:49	10/04/17 09:17	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**24.4**	%	0.10	1		10/03/17 21:39		

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Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-4 **Lab ID: 462999004** Collected: 10/03/17 10:18 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**3.4**	mg/kg	0.13	1	10/03/17 21:49	10/04/17 09:18	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**25.2**	%	0.10	1		10/03/17 21:40		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-5 **Lab ID: 462999005** Collected: 10/03/17 10:19 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.4**	mg/kg	0.12	1	10/03/17 21:49	10/04/17 09:21	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**24.9**	%	0.10	1		10/03/17 21:40		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-6 **Lab ID: 462999006** Collected: 10/03/17 10:20 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.6**	mg/kg	0.12	1	10/03/17 21:49	10/04/17 09:22	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**24.0**	%	0.10	1		10/03/17 21:43		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-7 **Lab ID: 462999007** Collected: 10/03/17 14:15 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.3**	mg/kg	0.12	1	10/03/17 21:49	10/04/17 09:23	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**16.3**	%	0.10	1		10/03/17 21:45		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-8 **Lab ID: 462999008** Collected: 10/03/17 14:16 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.8**	mg/kg	0.51	5	10/03/17 21:49	10/04/17 09:29	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**5.8**	%	0.10	1		10/03/17 21:46		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-9 **Lab ID: 462999009** Collected: 10/03/17 14:17 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**8.6**	mg/kg	0.53	5	10/03/17 21:49	10/04/17 09:30	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**6.9**	%	0.10	1		10/03/17 21:47		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Sample: V-10 **Lab ID: 462999010** Collected: 10/03/17 14:18 Received: 10/03/17 19:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**2.6**	mg/kg	0.12	1	10/03/17 21:49	10/04/17 09:26	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**22.8**	%	0.10	1		10/03/17 21:48		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

QC Batch: 6018 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 462999001, 462999002, 462999003, 462999004, 462999005, 462999006, 462999007, 462999008, 462999009, 462999010

METHOD BLANK: 24728 | Matrix: Solid
Associated Lab Samples: 462999001, 462999002, 462999003, 462999004, 462999005, 462999006, 462999007, 462999008, 462999009, 462999010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.097	10/04/17 09:09	

LABORATORY CONTROL SAMPLE: 24729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	2	1.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 24732 24733

Parameter	Units	462999001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	4.6	2.4	2.4	6.8	6.9	91	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

QC Batch: 6019 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 462999001, 462999002, 462999003, 462999004, 462999005, 462999006, 462999007, 462999008, 462999009, 462999010

SAMPLE DUPLICATE: 24734

Parameter	Units	462999001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.8	20.7	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 462999

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
462999001	**V-1**	EPA 3050B	6018	EPA 6020A	6054
462999002	**V-2**	EPA 3050B	6018	EPA 6020A	6054
462999003	**V-3**	EPA 3050B	6018	EPA 6020A	6054
462999004	**V-4**	EPA 3050B	6018	EPA 6020A	6054
462999005	**V-5**	EPA 3050B	6018	EPA 6020A	6054
462999006	**V-6**	EPA 3050B	6018	EPA 6020A	6054
462999007	**V-7**	EPA 3050B	6018	EPA 6020A	6054
462999008	**V-8**	EPA 3050B	6018	EPA 6020A	6054
462999009	**V-9**	EPA 3050B	6018	EPA 6020A	6054
462999010	**V-10**	EPA 3050B	6018	EPA 6020A	6054
462999001	**V-1**	SM 2540 G-11/3550	6019		
462999002	**V-2**	SM 2540 G-11/3550	6019		
462999003	**V-3**	SM 2540 G-11/3550	6019		
462999004	**V-4**	SM 2540 G-11/3550	6019		
462999005	**V-5**	SM 2540 G-11/3550	6019		
462999006	**V-6**	SM 2540 G-11/3550	6019		
462999007	**V-7**	SM 2540 G-11/3550	6019		
462999008	**V-8**	SM 2540 G-11/3550	6019		
462999009	**V-9**	SM 2540 G-11/3550	6019		
462999010	**V-10**	SM 2540 G-11/3550	6019		

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Pace A

WO# : 462999 - 15

462999

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2183317

Section A Required Client Inform.

Company:	CTI & ASSOCIATES
Address:	27001 CABOT DR NOVI MI
Email To:	RSHEBUSKI@CTICOMPANIES.COM
Phone:	248-586-5100
Fax:	
Requested Due Date/TAT:	24 HR TURN

Required Project Information:

Report To:	ROBERT SHEBUSKI
Copy To:	RSHEBUSKI@CTICOMPANIES.COM PHONE # (248)-904-0621
Purchase Order No.:	
Project Name:	232 MONROE
Project Number:	117501 0011

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	V-1	SL				10-3-17	1015		1	X								X		(4-26)
2	V-2	SL				10-3-17	1016		1	X								X		
3	V-3	SL				10-3-17	1017		1	X								X		
4	V-4	SL				10-3-17	1018		1	X								X		
5	V-5	SL				10-3-17	1019		1	X								X		
6	V-6	SL				10-3-17	1020		1	X								X		
7	V-7	SL				10-3-17	1415		1	X								X		
8	V-8	SL				10-3-17	1416		1	X								X		
9	V-9	SL				10-3-17	1417		1	X								X		
10	V-10	SL				10-3-17	1418		1	X								X		
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
24 HR TURNAROUND	[signature]	10-3-17	1540	[signature]	10-3-17	1540	
SAMPLES ON ICE IN	DUNC	10/3/17	1900	D. NORDIN-PACE	10/3/17	1900	
COOLER							

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPICAK / BOB SHEBUSKI

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-3-17

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client	Work Order #:
CTI & CSSDC.	462999
Receipt Record Page/Line # 4-26	New / Add To
	Project Chemist / Sample #s

Recorded by (initials/date)		Qty Received		
JNL 10-3-17	☑ Cooler ☐ Box ☐ Other_____	1	Thermometer Used ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____)	☐ See Additional Cooler Information Form

Cooler # 5579	Time 1903	Cooler #	Time	Cooler #	Time	Cooler #	Time
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:	3.8	0	3.8
Sample 2:	5.7	0	5.7
Sample 3:	3.1	0	3.1
3 Sample Average °C:	4.2		

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

☑ Pace COC ☐ Other_____

COC ID Numbers: 2183317

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-Pace 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?
JNL 10/3/17	10/3/17	Yes / No

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

October 05, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Dear Robert Shebuski:
Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.
Phil Riley, CTI and Associates, Inc.

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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463048

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463048001	**V-8/2**	Solid	10/04/17 12:00	10/04/17 20:00
463048002	**V-9/2**	Solid	10/04/17 12:01	10/04/17 20:00
463048003	**V-11**	Solid	10/04/17 13:30	10/04/17 20:00
463048004	**V-12**	Solid	10/04/17 13:31	10/04/17 20:00
463048005	**V-13**	Solid	10/04/17 13:32	10/04/17 20:00
463048006	**V-14**	Solid	10/04/17 14:00	10/04/17 20:00
463048007	**V-15**	Solid	10/04/17 14:01	10/04/17 20:00
463048008	**V-16**	Solid	10/04/17 14:02	10/04/17 20:00
463048009	**V-17**	Solid	10/04/17 14:03	10/04/17 20:00
463048010	**V-18**	Solid	10/04/17 14:04	10/04/17 20:00
463048011	**V-19**	Solid	10/04/17 15:04	10/04/17 20:00
463048012	**V-20**	Solid	10/04/17 15:05	10/04/17 20:00
463048013	**V-21**	Solid	10/04/17 15:06	10/04/17 20:00

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Grand Rapids, MI 49512
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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463048001	**V-8/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048002	**V-9/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048003	**V-11**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048004	**V-12**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048005	**V-13**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048006	**V-14**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048007	**V-15**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048008	**V-16**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048009	**V-17**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048010	**V-18**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048011	**V-19**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048012	**V-20**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463048013	**V-21**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-8/2 **Lab ID: 463048001** Collected: 10/04/17 12:00 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**11.8**	mg/kg	0.53	5	10/04/17 21:24	10/05/17 09:48	7440-38-2	M1
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**6.1**	%	0.10	1		10/04/17 21:32		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-9/2 **Lab ID: 463048002** Collected: 10/04/17 12:01 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.1**	mg/kg	0.49	5	10/04/17 21:24	10/05/17 09:53	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**5.8**	%	0.10	1		10/04/17 21:34		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-11 **Lab ID: 463048003** Collected: 10/04/17 13:30 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.1**	mg/kg	0.55	5	10/04/17 21:24	10/05/17 09:54	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**10.3**	%	0.10	1		10/04/17 21:35		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-12 **Lab ID: 463048004** Collected: 10/04/17 13:31 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.1**	mg/kg	0.12	1	10/04/17 21:24	10/05/17 09:28	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**16.6**	%	0.10	1		10/04/17 21:36		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-13 **Lab ID: 463048005** Collected: 10/04/17 13:32 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.4**	mg/kg	0.48	5	10/04/17 21:24	10/05/17 09:55	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**3.3**	%	0.10	1		10/04/17 21:37		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-14 **Lab ID: 463048006** Collected: 10/04/17 14:00 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.4**	mg/kg	0.11	1	10/04/17 21:24	10/05/17 09:32	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**10.0**	%	0.10	1		10/04/17 21:37		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-15 **Lab ID: 463048007** Collected: 10/04/17 14:01 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.9**	mg/kg	0.51	5	10/04/17 21:24	10/05/17 10:00	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**2.2**	%	0.10	1		10/04/17 21:38		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-16 **Lab ID: 463048008** Collected: 10/04/17 14:02 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.2**	mg/kg	0.55	5	10/04/17 21:24	10/05/17 09:57	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**11.2**	%	0.10	1		10/04/17 21:39		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-17 **Lab ID: 463048009** Collected: 10/04/17 14:03 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**21.2**	mg/kg	0.54	5	10/04/17 21:24	10/05/17 10:05	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**14.3**	%	0.10	1		10/04/17 21:40		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-18 **Lab ID: 463048010** Collected: 10/04/17 14:04 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.6**	mg/kg	0.56	5	10/04/17 21:24	10/05/17 10:02	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**11.4**	%	0.10	1		10/04/17 21:41		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-19 **Lab ID: 463048011** Collected: 10/04/17 15:04 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**9.4**	mg/kg	0.56	5	10/04/17 21:24	10/05/17 10:03	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**11.6**	%	0.10	1		10/04/17 21:42		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-20 **Lab ID: 463048012** Collected: 10/04/17 15:05 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.9**	mg/kg	0.53	5	10/04/17 21:24	10/05/17 10:04	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**7.3**	%	0.10	1		10/04/17 21:43		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Sample: V-21 **Lab ID: 463048013** Collected: 10/04/17 15:06 Received: 10/04/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.6**	mg/kg	0.10	1	10/04/17 21:24	10/05/17 09:38	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**5.7**	%	0.10	1		10/04/17 21:44		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

QC Batch: 6130 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463048001, 463048002, 463048003, 463048004, 463048005, 463048006, 463048007, 463048008, 463048009, 463048010, 463048011, 463048012, 463048013

METHOD BLANK: 25183 | Matrix: Solid
Associated Lab Samples: 463048001, 463048002, 463048003, 463048004, 463048005, 463048006, 463048007, 463048008, 463048009, 463048010, 463048011, 463048012, 463048013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.099	10/05/17 09:19	

LABORATORY CONTROL SAMPLE: 25184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25185 25186

Parameter	Units	463048001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	11.8	2	2	11.2	9.8	-31	-101	75-125	13	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

QC Batch: 6131 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463048001, 463048002, 463048003, 463048004, 463048005, 463048006, 463048007, 463048008, 463048009, 463048010, 463048011, 463048012, 463048013

SAMPLE DUPLICATE: 25187

Parameter	Units	463048001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	6.0	2	20	

SAMPLE DUPLICATE: 25188

Parameter	Units	463048010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.4	11.3	1	20	

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463048

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463048001	**V-8/2**	EPA 3050B	6130	EPA 6020A	6162
463048002	**V-9/2**	EPA 3050B	6130	EPA 6020A	6162
463048003	**V-11**	EPA 3050B	6130	EPA 6020A	6162
463048004	**V-12**	EPA 3050B	6130	EPA 6020A	6162
463048005	**V-13**	EPA 3050B	6130	EPA 6020A	6162
463048006	**V-14**	EPA 3050B	6130	EPA 6020A	6162
463048007	**V-15**	EPA 3050B	6130	EPA 6020A	6162
463048008	**V-16**	EPA 3050B	6130	EPA 6020A	6162
463048009	**V-17**	EPA 3050B	6130	EPA 6020A	6162
463048010	**V-18**	EPA 3050B	6130	EPA 6020A	6162
463048011	**V-19**	EPA 3050B	6130	EPA 6020A	6162
463048012	**V-20**	EPA 3050B	6130	EPA 6020A	6162
463048013	**V-21**	EPA 3050B	6130	EPA 6020A	6162
463048001	**V-8/2**	SM 2540 G-11/3550	6131		
463048002	**V-9/2**	SM 2540 G-11/3550	6131		
463048003	**V-11**	SM 2540 G-11/3550	6131		
463048004	**V-12**	SM 2540 G-11/3550	6131		
463048005	**V-13**	SM 2540 G-11/3550	6131		
463048006	**V-14**	SM 2540 G-11/3550	6131		
463048007	**V-15**	SM 2540 G-11/3550	6131		
463048008	**V-16**	SM 2540 G-11/3550	6131		
463048009	**V-17**	SM 2540 G-11/3550	6131		
463048010	**V-18**	SM 2540 G-11/3550	6131		
463048011	**V-19**	SM 2540 G-11/3550	6131		
463048012	**V-20**	SM 2540 G-11/3550	6131		
463048013	**V-21**	SM 2540 G-11/3550	6131		

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WO# : 463048 - J4

463048

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

2183325

Section A
Required Client Information:

Company: CTI
Address: 28001 CABOT DR NOVI MI 48377
Email To: RSHEBUSKI@CTI COMPANIES.COM
Phone: 248 465 700 Fax:
Requested Due Date/TAT: 24 HR

Required Project Information:

Report To: ROBERT SHEBUSKI
Copy To:
Purchase Order No.:
Project Name: 232 MONROE
Project Number: 117501 0011

Section C
Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	V-8/2	SL				10-4-17	1200		1	X								X		-001
2	V-9/2	SL				10-4-17	1201		1	X								X		-002
3	V-11	SL				10-4-17	1330		1	X								X		-003
4	V-13	SL				10-4-17	1331		1	X								X		-004
5	V-13	SL				10-4-17	1332		1	X								X		-005
6	V-14	SL				10-4-17	1400		1	X								X		-006
7	V-15	SL				10-4-17	1401		1	X								X		-007
8	V-16	SL				10-4-17	1402		1	X								X		-008
9	V-17	SL				10-4-17	1403		1	X								X		-009
10	V-18	SL				10-4-17	1404		1	X								X		-010
11	V-19	SL				10-4-17	1504		1	X								X		-011
12	V-20	SL				10-4-17	1505		1	X								X		-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
24 HR TURN	SHAUN SPILAK / CTI	10-4-17	1700	[signature]	10/4/17	1700
SAMPLES IN COOLER ON ICE	[signature] Pace	10/4/17	2000	[signature]	10/4/17	2000

SAMPLE CONDITIONS: Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAUN SPILAK

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 10/04/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

#46304 8

Page: 2 of 2

2183324

Section A Required Client Information:

Company: CTI
Address: 28001 CABOT DR
NOVI MI 48377
Email To: RSHEBUSKI@CTICOMPANIES.COM
Phone: 248-586-5100 Fax:
Requested Due Date/TAT: 24 HR

Section B Required Project Information:

Report To: ROBERT SHEBUSKI
Copy To:
Purchase Order No.:
Project Name: 232 MONROE
Project Number: 117504 0011

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: MI

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	V-21	SL				10-4-17	1506		1	X								X			-013
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
24 HR TURN	SHAWN SPILAK / CTI	10-4-17	1700	[signature]	10/4/17	1700	
SAMPLE ON COOLER IN ICE	[signature] Pace	10/4/17	2000	[signature]	10/4/17	2000	

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPILAK

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/04/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI: 232 MONROE
Receipt Record Page/Line #: 6:27
Work Order #: 463048
New / Add To
Project Chemist
Sample #s

Recorded by (initials/date): DN 10-4-17

☑ 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
000078	1955	☑ 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?
000078	Observed °C:	1.6	1.7	4.2	2.5	☐	☐
	Correction Factor °C:	0	0	0			
	Actual °C:	1.6	1.7	4.2			
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☑ Pace COC ☐ Other_____

COC ID Numbers: 2183325, 2183324

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?

Sample Condition Summary

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

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)

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 10-4-17	10-4-17	Yes / No

Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

October 06, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Dear Robert Shebuski:
Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.
Phil Riley, CTI and Associates, Inc.

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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463082

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463082001	**V-22**	Solid	10/05/17 14:00	10/05/17 20:00
463082002	**V-23**	Solid	10/05/17 14:01	10/05/17 20:00
463082003	**V-24**	Solid	10/05/17 14:02	10/05/17 20:00
463082004	**V-25**	Solid	10/05/17 14:03	10/05/17 20:00
463082005	**V-8/3**	Solid	10/05/17 14:45	10/05/17 20:00
463082006	**V-16/2**	Solid	10/05/17 14:46	10/05/17 20:00
463082007	**V-17/2**	Solid	10/05/17 14:47	10/05/17 20:00
463082008	**V-18/2**	Solid	10/05/17 14:48	10/05/17 20:00
463082009	**V-19/2**	Solid	10/05/17 14:49	10/05/17 20:00
463082010	**V-20/2**	Solid	10/05/17 14:50	10/05/17 20:00

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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463082001	**V-22**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082002	**V-23**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082003	**V-24**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082004	**V-25**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082005	**V-8/3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082006	**V-16/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082007	**V-17/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082008	**V-18/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082009	**V-19/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463082010	**V-20/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-22 **Lab ID: 463082001** Collected: 10/05/17 14:00 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**9.3**	mg/kg	0.52	5	10/05/17 22:32	10/06/17 10:41	7440-38-2	M1
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**10.1**	%	0.10	1		10/05/17 22:03		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-23 **Lab ID: 463082002** Collected: 10/05/17 14:01 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.2**	mg/kg	0.54	5	10/05/17 22:32	10/06/17 10:50	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**8.7**	%	0.10	1		10/05/17 22:06		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-24 **Lab ID: 463082003** Collected: 10/05/17 14:02 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.3**	mg/kg	0.60	5	10/05/17 22:32	10/06/17 10:51	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**21.8**	%	0.10	1		10/05/17 22:07		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-25 **Lab ID: 463082004** Collected: 10/05/17 14:03 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.3**	mg/kg	0.12	1	10/05/17 22:32	10/06/17 10:25	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.7**	%	0.10	1		10/05/17 22:09		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-8/3 **Lab ID: 463082005** Collected: 10/05/17 14:45 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.4**	mg/kg	0.13	1	10/05/17 22:32	10/06/17 10:27	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**23.6**	%	0.10	1		10/05/17 22:09		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-16/2 **Lab ID: 463082006** Collected: 10/05/17 14:46 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.9**	mg/kg	0.62	5	10/05/17 22:32	10/06/17 10:57	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**20.4**	%	0.10	1		10/05/17 22:13		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-17/2 **Lab ID: 463082007** Collected: 10/05/17 14:47 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.7**	mg/kg	0.60	5	10/05/17 22:32	10/06/17 10:58	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**20.2**	%	0.10	1		10/05/17 22:15		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-18/2 **Lab ID: 463082008** Collected: 10/05/17 14:48 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**9.1**	mg/kg	0.51	5	10/05/17 22:32	10/06/17 11:00	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**7.8**	%	0.10	1		10/05/17 22:16		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-19/2 **Lab ID: 463082009** Collected: 10/05/17 14:49 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**12.0**	mg/kg	0.54	5	10/05/17 22:32	10/06/17 11:02	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**8.9**	%	0.10	1		10/05/17 22:17		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Sample: V-20/2 **Lab ID: 463082010** Collected: 10/05/17 14:50 Received: 10/05/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.2**	mg/kg	0.52	5	10/05/17 22:32	10/06/17 11:03	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**5.7**	%	0.10	1		10/05/17 22:18		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

QC Batch: 6244 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463082001, 463082002, 463082003, 463082004, 463082005, 463082006, 463082007, 463082008, 463082009, 463082010

METHOD BLANK: 25715 | Matrix: Solid
Associated Lab Samples: 463082001, 463082002, 463082003, 463082004, 463082005, 463082006, 463082007, 463082008, 463082009, 463082010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.096	10/06/17 10:16	

LABORATORY CONTROL SAMPLE: 25716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	1.9	1.9	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25717 25718

Parameter	Units	463082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	9.3	2.2	2.1	12.5	13.9	149	223	75-125	10	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

QC Batch: 6243 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463082001, 463082002, 463082003, 463082004, 463082005, 463082006, 463082007, 463082008, 463082009, 463082010

SAMPLE DUPLICATE: 25707

Parameter	Units	463082001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.1	11.0	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463082

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463082001	**V-22**	EPA 3050B	6244	EPA 6020A	6260
463082002	**V-23**	EPA 3050B	6244	EPA 6020A	6260
463082003	**V-24**	EPA 3050B	6244	EPA 6020A	6260
463082004	**V-25**	EPA 3050B	6244	EPA 6020A	6260
463082005	**V-8/3**	EPA 3050B	6244	EPA 6020A	6260
463082006	**V-16/2**	EPA 3050B	6244	EPA 6020A	6260
463082007	**V-17/2**	EPA 3050B	6244	EPA 6020A	6260
463082008	**V-18/2**	EPA 3050B	6244	EPA 6020A	6260
463082009	**V-19/2**	EPA 3050B	6244	EPA 6020A	6260
463082010	**V-20/2**	EPA 3050B	6244	EPA 6020A	6260
463082001	**V-22**	SM 2540 G-11/3550	6243		
463082002	**V-23**	SM 2540 G-11/3550	6243		
463082003	**V-24**	SM 2540 G-11/3550	6243		
463082004	**V-25**	SM 2540 G-11/3550	6243		
463082005	**V-8/3**	SM 2540 G-11/3550	6243		
463082006	**V-16/2**	SM 2540 G-11/3550	6243		
463082007	**V-17/2**	SM 2540 G-11/3550	6243		
463082008	**V-18/2**	SM 2540 G-11/3550	6243		
463082009	**V-19/2**	SM 2540 G-11/3550	6243		
463082010	**V-20/2**	SM 2540 G-11/3550	6243		

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WO# : 463082

463082

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2183323

Required Client Information:

Company: CTI AND ASSOCIATES

Address: 28001 CABOT DR NOVI MI 48377

Email To: RSHEBUSKI@CTICOMPANIES.COM

Phone: 248 865 100 Fax:

Requested Due Date/TAT: 24 HR

Report Information:

Report To: ROBERT SHEBUSKI

Copy To:

Purchase Order No.:

Project ~~Name~~ #: 1125010011

Project ~~Number~~ NAME: 232 MONROE

Section C

Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: MI

Section D

Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. (8-23) Cart 3
1	V-22	SL				10-5-17	1400		1	X								X		463082-01
2	V-23	SL				10-5-17	1401		1	X								X		-02
3	V-24	SL				10-5-17	1402		1	X								X		-03
4	V-25	SL				10-5-17	1403		1	X								X		-04
5	V-8/3	SL				10-5-17	1445		1	X								X		-05
6	V-16/2	SL				10-5-17	1446		1	X								X		-06
7	V-17/2	SL				10-5-17	1447		1	X								X		-07
8	V-18/2	SL				10-5-17	1448		1	X								X		-08
9	V-19/2	SL				10-5-17	1449		1	X								X		-09
10	V-20/2	SL				10-5-17	1450		1	X								X		-10
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
24 HR TURN	SHAWN SPILAK / CTI	10-5-17	1600	DUNC	3-5-17	1600	
SAMPLES IN COOLER ON ICE	Dunc	10-5-17	2000	[illegible]	10/5/17	2000	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPILAK

SIGNATURE of SAMPLER: [illegible]

DATE Signed (MM/DD/YY): 10/05/17

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI	Work Order #: 463082 (New / Add To)
Receipt Record Page/Line #: 8-23	Project Chemist / Sample #s

Recorded by (initials/date)		Qty Received	
TS 10/5/17	☒ Cooler ☐ Box ☐ Other	1	Thermometer Used: ☒ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
000267	2013						

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

Coolant Type:
- ☒ Loose Ice
- ☐ Bagged Ice — melted
- ☐ 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:	1.8		1.8
Sample 2:	2.2		2.2
Sample 3:	2.8		2.8

3 Sample Average °C: 2.3

☐ 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

☒ Pace COC ☐ Other _____

COC ID Numbers: 2183323

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-Pace containers received?
☒	☐	☐	VOC vials / TOX containers have headspace?
☒	☐	☐	Extra sample locations / containers not listed on COC?

Notes

24 Hr TAT

☐ Trip Blank received ☐ Trip Blank not listed on COC

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
TS 10/5/17	TS 10/5/17	Yes / No

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October 10, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Dear Robert Shebuski:

Enclosed are the analytical results for sample(s) received by the laboratory on October 09, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.
Phil Riley, CTI and Associates, Inc.

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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463152

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463152001	**V-17/3**	Solid	10/09/17 09:00	10/09/17 16:25
463152002	**V-18/3**	Solid	10/09/17 09:15	10/09/17 16:25
463152003	**V-19/3**	Solid	10/09/17 09:16	10/09/17 16:25
463152004	**V-22/2**	Solid	10/09/17 09:20	10/09/17 16:25
463152005	**V-23/2**	Solid	10/09/17 09:21	10/09/17 16:25
463152006	**V-26**	Solid	10/09/17 10:00	10/09/17 16:25
463152007	**V-27**	Solid	10/09/17 10:01	10/09/17 16:25
463152008	**V-28**	Solid	10/09/17 10:02	10/09/17 16:25
463152009	**V-29**	Solid	10/09/17 10:03	10/09/17 16:25
463152010	**V-30**	Solid	10/09/17 13:30	10/09/17 16:25
463152011	**V-31**	Solid	10/09/17 14:00	10/09/17 16:25
463152012	**V-32**	Solid	10/09/17 14:01	10/09/17 16:25

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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463152001	**V-17/3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152002	**V-18/3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152003	**V-19/3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152004	**V-22/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152005	**V-23/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152006	**V-26**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152007	**V-27**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152008	**V-28**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152009	**V-29**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152010	**V-30**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152011	**V-31**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463152012	**V-32**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-17/3 **Lab ID: 463152001** Collected: 10/09/17 09:00 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.5**	mg/kg	0.58	5	10/09/17 22:01	10/10/17 12:38	7440-38-2	M1
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**15.7**	%	0.10	1		10/09/17 22:06		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-18/3 **Lab ID: 463152002** Collected: 10/09/17 09:15 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**9.9**	mg/kg	0.55	5	10/09/17 22:01	10/10/17 12:46	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**10.6**	%	0.10	1		10/09/17 22:08		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-19/3 **Lab ID: 463152003** Collected: 10/09/17 09:16 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.1**	mg/kg	0.55	5	10/09/17 22:01	10/10/17 12:48	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**11.6**	%	0.10	1		10/09/17 22:09		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-22/2 **Lab ID: 463152004** Collected: 10/09/17 09:20 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.3**	mg/kg	0.49	5	10/09/17 22:01	10/10/17 12:49	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**5.9**	%	0.10	1		10/09/17 22:10		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-23/2 **Lab ID: 463152005** Collected: 10/09/17 09:21 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**8.0**	mg/kg	0.23	10	10/09/17 22:01	10/10/17 12:51	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**28.2**	%	0.10	1		10/09/17 22:12		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-26 **Lab ID: 463152006** Collected: 10/09/17 10:00 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.0**	mg/kg	0.10	1	10/09/17 22:01	10/10/17 12:06	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**3.6**	%	0.10	1		10/09/17 22:13		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-27 **Lab ID: 463152007** Collected: 10/09/17 10:01 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.8**	mg/kg	0.099	1	10/09/17 22:01	10/10/17 12:07	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**3.5**	%	0.10	1		10/09/17 22:14		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-28 **Lab ID: 463152008** Collected: 10/09/17 10:02 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**20.5**	mg/kg	0.58	5	10/09/17 22:01	10/10/17 12:53	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**17.5**	%	0.10	1		10/09/17 22:15		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-29 **Lab ID: 463152009** Collected: 10/09/17 10:03 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**13.4**	mg/kg	0.59	5	10/09/17 22:01	10/10/17 12:58	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.4**	%	0.10	1		10/09/17 22:16		

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Grand Rapids, MI 49512
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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-30 **Lab ID: 463152010** Collected: 10/09/17 13:30 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.0**	mg/kg	0.59	5	10/09/17 22:01	10/10/17 13:00	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.7**	%	0.10	1		10/09/17 22:18		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-31 **Lab ID: 463152011** Collected: 10/09/17 14:00 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**15.9**	mg/kg	0.53	5	10/09/17 22:01	10/10/17 13:01	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**12.5**	%	0.10	1		10/09/17 22:21		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Sample: V-32 **Lab ID: 463152012** Collected: 10/09/17 14:01 Received: 10/09/17 16:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**10.3**	mg/kg	0.52	5	10/09/17 22:01	10/10/17 13:03	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**12.4**	%	0.10	1		10/09/17 22:22		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

QC Batch: 6436 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463152001, 463152002, 463152003, 463152004, 463152005, 463152006, 463152007, 463152008, 463152009, 463152010, 463152011, 463152012

METHOD BLANK: 26382 | Matrix: Solid
Associated Lab Samples: 463152001, 463152002, 463152003, 463152004, 463152005, 463152006, 463152007, 463152008, 463152009, 463152010, 463152011, 463152012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.096	10/10/17 11:44	

LABORATORY CONTROL SAMPLE: 26383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	2	2.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 26384 26385

Parameter	Units	463152001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	10.5	2.4	2.3	8.3	9.3	-91	-51	75-125	11	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

QC Batch: 6435 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463152001, 463152002, 463152003, 463152004, 463152005, 463152006, 463152007, 463152008, 463152009, 463152010, 463152011, 463152012

SAMPLE DUPLICATE: 26380

Parameter	Units	463152001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.7	15.8	1	20	

SAMPLE DUPLICATE: 26381

Parameter	Units	463152010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.7	19.2	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463152

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463152001	**V-17/3**	EPA 3050B	6436	EPA 6020A	6464
463152002	**V-18/3**	EPA 3050B	6436	EPA 6020A	6464
463152003	**V-19/3**	EPA 3050B	6436	EPA 6020A	6464
463152004	**V-22/2**	EPA 3050B	6436	EPA 6020A	6464
463152005	**V-23/2**	EPA 3050B	6436	EPA 6020A	6464
463152006	**V-26**	EPA 3050B	6436	EPA 6020A	6464
463152007	**V-27**	EPA 3050B	6436	EPA 6020A	6464
463152008	**V-28**	EPA 3050B	6436	EPA 6020A	6464
463152009	**V-29**	EPA 3050B	6436	EPA 6020A	6464
463152010	**V-30**	EPA 3050B	6436	EPA 6020A	6464
463152011	**V-31**	EPA 3050B	6436	EPA 6020A	6464
463152012	**V-32**	EPA 3050B	6436	EPA 6020A	6464
463152001	**V-17/3**	SM 2540 G-11/3550	6435		
463152002	**V-18/3**	SM 2540 G-11/3550	6435		
463152003	**V-19/3**	SM 2540 G-11/3550	6435		
463152004	**V-22/2**	SM 2540 G-11/3550	6435		
463152005	**V-23/2**	SM 2540 G-11/3550	6435		
463152006	**V-26**	SM 2540 G-11/3550	6435		
463152007	**V-27**	SM 2540 G-11/3550	6435		
463152008	**V-28**	SM 2540 G-11/3550	6435		
463152009	**V-29**	SM 2540 G-11/3550	6435		
463152010	**V-30**	SM 2540 G-11/3550	6435		
463152011	**V-31**	SM 2540 G-11/3550	6435		
463152012	**V-32**	SM 2540 G-11/3550	6435		

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www.

WO# : 463152

463152

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

K4

Page: 1 of 1

2183316

Section A
Required Client Information:

Company:	CTI
Address:	28001 CABOT DR. NOVI MI 48377
Email To:	RSHEBUSKI@CTICOMPANIES.COM
Phone:	248-586-5100
Fax:	
Requested Due Date/TAT:	24 HR

Required Project Information:

Report To:	ROBERT SHEBUSKI
Copy To:	
Purchase Order No.:	
Project Name:	232 MONROE
Project Number:	1175010011

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. (13-12)
1	V-17/3	SL				10-9-17	0900		1	X									X		-001
2	V-18/3	SL				10-9-17	0915		1	X									X		-002
3	V-19/3	SL				10-9-17	0916		1	X									X		-003
4	V-22/2	SL				10-9-17	0920		1	X									X		-004
5	V-23/2	SL				10-9-17	0921		1	X									X		-005
6	V-26	SL				10-9-17	1000		1	X									X		-006
7	V-27	SL				10-9-17	1001		1	X									X		-007
8	V-28	SL				10-9-17	1002		1	X									X		-008
9	V-29	SL				10-9-17	1003		1	X									X		-009
10	V-30	SL				10-9-17	1330		1	X									X		-010
11	V-31	SL				10-9-17	1400		1	X									X		-011
12	V-32	SL				10-9-17	1401		1	X									X		-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
24HR TURN	SHAWN SEILAK / CTI	10-9-17	1405	Dunn (PACE)	10-9-17	1405
SAMPLES IN COOLER ON ICE	Dunn	10-9-17	1625	D. Nardin PACE	10/9/17	1625

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SEILAK

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 10/09/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI	Work Order #: 463153
Receipt Record Page/Line #: 13-12	New / Add To
	Project Chemist / Sample #s

Recorded by (initials/date): DN 10-9-17

☐ 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
–	1737						

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:	3.7	0	3.7
Sample 2:	3.9	0	3.9
Sample 3:	4.6	0	4.6

3 Sample Average °C: 4.1

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

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?

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?

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

☑ Pace COC ☐ Other_____

COC ID Numbers: 2183316

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-Pace 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 10-9-17	10-9-17	Yes / No

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Grand Rapids, MI 49512
(616)975-4500

October 11, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Dear Robert Shebuski:
Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463186

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463186001	**V-33**	Solid	10/10/17 10:00	10/10/17 18:20
463186002	**V-34**	Solid	10/10/17 10:01	10/10/17 18:20
463186003	**V-35**	Solid	10/10/17 10:02	10/10/17 18:20
463186004	**V-36**	Solid	10/10/17 10:03	10/10/17 18:20
463186005	**V-37**	Solid	10/10/17 10:04	10/10/17 18:20
463186006	**V-38**	Solid	10/10/17 11:00	10/10/17 18:20
463186007	**V-39**	Solid	10/10/17 11:01	10/10/17 18:20
463186008	**V-40**	Solid	10/10/17 11:02	10/10/17 18:20
463186009	**V-41**	Solid	10/10/17 11:03	10/10/17 18:20
463186010	**V-42**	Solid	10/10/17 11:04	10/10/17 18:20
463186011	**V-43**	Solid	10/10/17 11:05	10/10/17 18:20

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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463186001	**V-33**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186002	**V-34**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186003	**V-35**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186004	**V-36**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186005	**V-37**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186006	**V-38**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186007	**V-39**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186008	**V-40**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186009	**V-41**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186010	**V-42**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463186011	**V-43**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-33 **Lab ID: 463186001** Collected: 10/10/17 10:00 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.8**	mg/kg	0.13	1	10/10/17 21:01	10/11/17 09:38	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**24.2**	%	0.10	1		10/10/17 21:50		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-34 **Lab ID: 463186002** Collected: 10/10/17 10:01 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.4**	mg/kg	0.62	5	10/10/17 21:01	10/11/17 10:20	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**23.4**	%	0.10	1		10/10/17 21:53		

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-35 **Lab ID: 463186003** Collected: 10/10/17 10:02 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.5**	mg/kg	0.60	5	10/10/17 21:01	10/11/17 10:26	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**22.0**	%	0.10	1		10/10/17 21:55		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-36 **Lab ID: 463186004** Collected: 10/10/17 10:03 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.0**	mg/kg	0.60	5	10/10/17 21:01	10/11/17 10:24	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.5**	%	0.10	1		10/10/17 21:56		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-37 **Lab ID: 463186005** Collected: 10/10/17 10:04 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**8.5**	mg/kg	0.58	5	10/10/17 21:01	10/11/17 10:28	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**17.1**	%	0.10	1		10/10/17 21:57		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-38 **Lab ID: 463186006** Collected: 10/10/17 11:00 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.0**	mg/kg	0.56	5	10/10/17 21:01	10/11/17 10:29	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**17.9**	%	0.10	1		10/10/17 21:58		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-39 **Lab ID: 463186007** Collected: 10/10/17 11:01 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**13.7**	mg/kg	0.60	5	10/10/17 21:01	10/11/17 10:31	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**20.5**	%	0.10	1		10/10/17 21:59		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-40 **Lab ID: 463186008** Collected: 10/10/17 11:02 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.5**	mg/kg	0.58	5	10/10/17 21:01	10/11/17 10:33	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.7**	%	0.10	1		10/10/17 22:00		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-41 **Lab ID: 463186009** Collected: 10/10/17 11:03 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.3**	mg/kg	0.57	5	10/10/17 21:01	10/11/17 10:39	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.5**	%	0.10	1		10/10/17 22:01		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-42 **Lab ID: 463186010** Collected: 10/10/17 11:04 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.9**	mg/kg	0.56	5	10/10/17 21:01	10/11/17 10:40	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**19.2**	%	0.10	1		10/10/17 22:02		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Sample: V-43 **Lab ID: 463186011** Collected: 10/10/17 11:05 Received: 10/10/17 18:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**8.8**	mg/kg	0.57	5	10/10/17 21:01	10/11/17 10:42	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.4**	%	0.10	1		10/10/17 22:05		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

QC Batch: 6541 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463186001, 463186002, 463186003, 463186004, 463186005, 463186006, 463186007, 463186008, 463186009, 463186010, 463186011

METHOD BLANK: 26746 | Matrix: Solid
Associated Lab Samples: 463186001, 463186002, 463186003, 463186004, 463186005, 463186006, 463186007, 463186008, 463186009, 463186010, 463186011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.098	10/11/17 09:35	

LABORATORY CONTROL SAMPLE: 26747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	1.9	2.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 26748 26749

Parameter	Units	463186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	4.8	2.5	2.5	7.1	7.1	92	92	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

QC Batch: 6542 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463186001, 463186002, 463186003, 463186004, 463186005, 463186006, 463186007, 463186008, 463186009, 463186010, 463186011

SAMPLE DUPLICATE: 26757

Parameter	Units	463186001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.2	24.0	1	20	

SAMPLE DUPLICATE: 26758

Parameter	Units	463186010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.2	19.2	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463186

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463186001	**V-33**	EPA 3050B	6541	EPA 6020A	6564
463186002	**V-34**	EPA 3050B	6541	EPA 6020A	6564
463186003	**V-35**	EPA 3050B	6541	EPA 6020A	6564
463186004	**V-36**	EPA 3050B	6541	EPA 6020A	6564
463186005	**V-37**	EPA 3050B	6541	EPA 6020A	6564
463186006	**V-38**	EPA 3050B	6541	EPA 6020A	6564
463186007	**V-39**	EPA 3050B	6541	EPA 6020A	6564
463186008	**V-40**	EPA 3050B	6541	EPA 6020A	6564
463186009	**V-41**	EPA 3050B	6541	EPA 6020A	6564
463186010	**V-42**	EPA 3050B	6541	EPA 6020A	6564
463186011	**V-43**	EPA 3050B	6541	EPA 6020A	6564
463186001	**V-33**	SM 2540 G-11/3550	6542		
463186002	**V-34**	SM 2540 G-11/3550	6542		
463186003	**V-35**	SM 2540 G-11/3550	6542		
463186004	**V-36**	SM 2540 G-11/3550	6542		
463186005	**V-37**	SM 2540 G-11/3550	6542		
463186006	**V-38**	SM 2540 G-11/3550	6542		
463186007	**V-39**	SM 2540 G-11/3550	6542		
463186008	**V-40**	SM 2540 G-11/3550	6542		
463186009	**V-41**	SM 2540 G-11/3550	6542		
463186010	**V-42**	SM 2540 G-11/3550	6542		
463186011	**V-43**	SM 2540 G-11/3550	6542		

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WO#: 463186

463186

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2183606

Required Client Information:

Company: CTI

Address: 28001 CABOT DR
NOVI MI 48377

Email To: RSHEBUSKI@CTICOMPANIES.COM

Phone: 248-380-5100 Fax:

Requested Due Date/TAT: 24 HR

Required Project Information:

Report To: ROBERT SHEBUSKI

Copy To:

Purchase Order No.:

Project Name: # 1175010011

Project Number: NAME 232 MONROE

Section C
Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. (16-23) Cert 10
1	V-33	SL				10-10-17	1000		1	X								X		463186-01
2	V-34	SL				10-10-17	1001		1	X								X		-02
3	V-35	SL				10-10-17	1002		1	X								X		-03
4	V-36	SL				10-10-17	1003		1	X								X		-04
5	V-37	SL				10-10-17	1004		1	X								X		-05
6	V-38	SL				10-10-17	1100		1	X								X		-06
7	V-39	SL				10-10-17	1101		1	X								X		-07
8	V-40	SL				10-10-17	1102		1	X								X		-08
9	V-41	SL				10-10-17	1103		1	X								X		-09
10	V-42	SL				10-10-17	1104		1	X								X		-10
11	V-43	SL				10-10-17	1105		1	X								X		-11
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
24 HR TURNAROUND	SHAWN SPILAK / CTI	10-10-17	1515	Dune	10-10-17	1515	
SAMPLES IN COOLER ON ICE	Dune	10/10/17	1820	[illegible]	10/10/17	1820	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPILAK

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 10/10/2017

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI	Work Order #: 463186 (New / Add To)
Receipt Record Page/Line #: 16-23	Project Chemist / Sample #s

Recorded by (initials/date)		Qty Received	Thermometer Used
PS 10/10/17	☒ Cooler ☐ Box ☐ Other_____	1	☒ 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
Navy	1841	☒ None ☐ Present / Intact ☐ Present / Not Intact	☒ Loose Ice (melted) ☒ 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 # Observed °C	Correction Factor °C	Actual °C	Cooler # Observed °C	Correction Factor °C	Actual °C	Cooler # Observed °C	Correction Factor °C	Actual °C	Cooler # Observed °C	Correction Factor °C	Actual °C
Temp Blank:												
Sample 1:	1.4		1.4									
Sample 2:	1.9		1.9									
Sample 3:	1.8		1.8									
3 Sample Average °C:	1.7											
☐ 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

☒ Pace COC ☐ Other_____

COC ID Numbers: 2183666

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-Pace 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?
PS 10/10/17	PS 10/10/17	Yes / No

Pace Analytical Services, LLC
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

October 12, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Dear Robert Shebuski:

Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.

REPORT OF LABORATORY ANALYSIS

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Grand Rapids, MI 49512
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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463236

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463236001	**V-17/4**	Solid	10/10/17 17:00	10/11/17 20:00
463236002	**V-23/3**	Solid	10/10/17 17:01	10/11/17 20:00
463236003	**V-28/2**	Solid	10/10/17 17:02	10/11/17 20:00
463236004	**V-29/2**	Solid	10/10/17 17:03	10/11/17 20:00
463236005	**V-31/2**	Solid	10/10/17 17:04	10/11/17 20:00

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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463236001	**V-17/4**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463236002	**V-23/3**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463236003	**V-28/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463236004	**V-29/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1
463236005	**V-31/2**	EPA 6020A	MSB	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Sample: V-17/4 **Lab ID: 463236001** Collected: 10/10/17 17:00 Received: 10/11/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.4**	mg/kg	0.63	5	10/11/17 23:11	10/12/17 10:34	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**22.7**	%	0.10	1		10/11/17 20:46		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Sample: V-23/3 **Lab ID: 463236002** Collected: 10/10/17 17:01 Received: 10/11/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**4.5**	mg/kg	0.12	1	10/11/17 23:11	10/12/17 10:20	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**21.7**	%	0.10	1		10/11/17 20:49		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Sample: V-28/2 **Lab ID: 463236003** Collected: 10/10/17 17:02 Received: 10/11/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**1.0**	mg/kg	0.12	1	10/11/17 23:11	10/12/17 10:22	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.3**	%	0.10	1		10/11/17 20:51		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Sample: V-29/2 **Lab ID: 463236004** Collected: 10/10/17 17:03 Received: 10/11/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**29.0**	mg/kg	1.2	10	10/11/17 23:11	10/12/17 10:45	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.4**	%	0.10	1		10/11/17 20:52		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Sample: V-31/2 **Lab ID: 463236005** Collected: 10/10/17 17:04 Received: 10/11/17 20:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**9.9**	mg/kg	0.60	5	10/11/17 23:11	10/12/17 10:47	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**20.9**	%	0.10	1		10/11/17 20:53		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

QC Batch: 6625 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463236001, 463236002, 463236003, 463236004, 463236005

METHOD BLANK: 27222 | Matrix: Solid
Associated Lab Samples: 463236001, 463236002, 463236003, 463236004, 463236005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.091	10/12/17 10:02	

LABORATORY CONTROL SAMPLE: 27223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	1.9	1.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27224 27225

Parameter	Units	463236001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	5.4	2.5	2.5	8.0	8.0	105	105	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

QC Batch: 6624 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463236001, 463236002, 463236003, 463236004, 463236005

SAMPLE DUPLICATE: 27221

Parameter	Units	463236001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.7	22.4	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463236

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463236001	**V-17/4**	EPA 3050B	6625	EPA 6020A	6664
463236002	**V-23/3**	EPA 3050B	6625	EPA 6020A	6664
463236003	**V-28/2**	EPA 3050B	6625	EPA 6020A	6664
463236004	**V-29/2**	EPA 3050B	6625	EPA 6020A	6664
463236005	**V-31/2**	EPA 3050B	6625	EPA 6020A	6664
463236001	**V-17/4**	SM 2540 G-11/3550	6624		
463236002	**V-23/3**	SM 2540 G-11/3550	6624		
463236003	**V-28/2**	SM 2540 G-11/3550	6624		
463236004	**V-29/2**	SM 2540 G-11/3550	6624		
463236005	**V-31/2**	SM 2540 G-11/3550	6624		

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WO# : 463236

463236

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2183318

Required Client Information:

Company: CTI

Address: 27001 CABOT DR NOVI MI 48377

Email To: RSHEBUSKI@CTICOMPANIES.COM

Phone: 248-586-5100 Fax:

Requested Due Date/TAT: 24HR

Required Project Information:

Report To: ROBERT SHEBUSKI

Copy To:

Purchase Order No.:

Project ~~Name~~ #: 1175010011

Project ~~Number~~ Name: 232 MONROE

Section C
Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	V-17/4	SL				10-10-17	1700		1	X								X		463236-01
2	V-23/3	SL				10-10-17	1701		1	X								X		-02
3	V-28/2	SL				10-10-17	1702		1	X								X		-03
4	V-29/2	SL				10-10-17	1703		1	X								X		-04
5	V-31/2	SL				10-10-17	1704		1	X								X		-05
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(18-29)
Cont 10

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
24 HR TURN	SHAWN SPILAK / CTI	10/11/17	1045	CTI OFFICE	10/11/17	1045
IN COOLER ON ICE	Ray Johnson Pace	10/11/17	2000	Ray Johnson Pace	10/11/17	1517
					10/11/17	2000

SAMPLE CONDITIONS: Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPILAK

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 10/10/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI	Work Order #:
Receipt Record Page/Line #: 18-29	New / Add To
	Project Chemist / Sample #s

Recorded by (initials/date): PS 10/11/17

☒ Cooler ☐ Box ☐ Other_____

Qty Received: 1

Thermometer Used: ☒ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#_____) ☐ See Additional Cooler Information Form

Cooler #	Time
000118	2001

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:	5.2		5.2
Sample 2:	5.8		5.8
Sample 3:	5.9		5.9

PS 10/11/17

3 Sample Average °C: 5.6

☐ 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

☒ Pace COC ☐ Other_____

COC ID Numbers: 2183318

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-Pace 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?
PS 10/11/17	PS 10/11/17	Yes / No

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October 13, 2017

Robert Shebuski
CTI and Associates, Inc.
28001 Cabot Drive
Suite 250
Novi, MI 48377

RE: Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Dear Robert Shebuski:

Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood
gary.wood@pacelabs.com
(616)940-4206
Project Manager

Enclosures

cc: Renee Barr, CTI Novi Office
Andrew Lonergan, CTI and Associates, Inc.

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project:	Adient 232 Monroe: Arsenic
Pace Project No.:	463290

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512
ISO/IEC 17025:2005, Certificate #AT-1542.01
DoD-ELAP, Certificate #ADE-1542
Minnesota Department of Health, Certificate #1177224
Arkansas Department of Environmental Quality, Certificate #17-046-0
Georgia Environmental Protection Division, Stipulation
Illinois Environmental Protection Agency, Certificate #004097
Michigan Department of Environmental Quality, Laboratory #0034
New York State Department of Health, Serial #56192 and 56193
North Carolina Division of Water Resources, Certificate #659
Virginia Department of General Services, Certificate #9028
Wisconsin Department of Natural Resources, Laboratory #999472650
U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305

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SAMPLE SUMMARY

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Lab ID	Sample ID	Matrix	Date Collected	Date Received
463290001	**V-43/2**	Solid	10/12/17 12:00	10/12/17 19:15
463290002	**V-39/2**	Solid	10/12/17 12:01	10/12/17 19:15
463290003	**V-29/3**	Solid	10/12/17 13:50	10/12/17 19:15
463290004	**V-31/3**	Solid	10/12/17 13:55	10/12/17 19:15
463290005	**V-37/2**	Solid	10/12/17 14:00	10/12/17 19:15

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SAMPLE ANALYTE COUNT

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Lab ID	Sample ID	Method	Analysts	Analytes Reported
463290001	**V-43/2**	EPA 6020A	CKD	1
		SM 2540 G-11/3550	NS1	1
463290002	**V-39/2**	EPA 6020A	CKD	1
		SM 2540 G-11/3550	NS1	1
463290003	**V-29/3**	EPA 6020A	CKD	1
		SM 2540 G-11/3550	NS1	1
463290004	**V-31/3**	EPA 6020A	CKD	1
		SM 2540 G-11/3550	NS1	1
463290005	**V-37/2**	EPA 6020A	CKD	1
		SM 2540 G-11/3550	NS1	1

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Sample: V-43/2 **Lab ID: 463290001** Collected: 10/12/17 12:00 Received: 10/12/17 19:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**7.9**	mg/kg	0.58	5	10/13/17 06:29	10/13/17 13:19	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**18.2**	%	0.10	1		10/12/17 19:55		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Sample: V-39/2 **Lab ID: 463290002** Collected: 10/12/17 12:01 Received: 10/12/17 19:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.3**	mg/kg	0.12	1	10/13/17 06:29	10/13/17 13:29	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**23.7**	%	0.10	1		10/12/17 19:57		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Sample: V-29/3 **Lab ID: 463290003** Collected: 10/12/17 13:50 Received: 10/12/17 19:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.5**	mg/kg	0.57	5	10/13/17 06:29	10/13/17 13:24	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**19.5**	%	0.10	1		10/12/17 20:01		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Sample: V-31/3 **Lab ID: 463290004** Collected: 10/12/17 13:55 Received: 10/12/17 19:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**6.7**	mg/kg	0.59	5	10/13/17 06:29	10/13/17 13:25	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**19.9**	%	0.10	1		10/12/17 20:03		

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ANALYTICAL RESULTS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Sample: V-37/2 **Lab ID: 463290005** Collected: 10/12/17 14:00 Received: 10/12/17 19:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3050B							
Arsenic	**5.9**	mg/kg	0.12	1	10/13/17 06:29	10/13/17 13:30	7440-38-2	
Percent Moisture	Analytical Method: SM 2540 G-11/3550							
Percent Moisture	**19.2**	%	0.10	1		10/12/17 20:05		

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

QC Batch: 6734 | Analysis Method: EPA 6020A
QC Batch Method: EPA 3050B | Analysis Description: 6020A MET
Associated Lab Samples: 463290001, 463290002, 463290003, 463290004, 463290005

METHOD BLANK: 27694 | Matrix: Solid
Associated Lab Samples: 463290001, 463290002, 463290003, 463290004, 463290005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.098	10/13/17 13:16	

LABORATORY CONTROL SAMPLE: 27695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	2	1.8	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27696 27697

Parameter	Units	463290001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	7.9	2.3	2.4	9.9	10.4	88	104	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

QC Batch: 6733 | Analysis Method: SM 2540 G-11/3550
QC Batch Method: SM 2540 G-11/3550 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 463290001, 463290002, 463290003, 463290004, 463290005

SAMPLE DUPLICATE: 27693

Parameter	Units	463290001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.2	17.9	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Adient 232 Monroe: Arsenic
Pace Project No.: 463290

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
463290001	**V-43/2**	EPA 3050B	6734	EPA 6020A	6781
463290002	**V-39/2**	EPA 3050B	6734	EPA 6020A	6781
463290003	**V-29/3**	EPA 3050B	6734	EPA 6020A	6781
463290004	**V-31/3**	EPA 3050B	6734	EPA 6020A	6781
463290005	**V-37/2**	EPA 3050B	6734	EPA 6020A	6781
463290001	**V-43/2**	SM 2540 G-11/3550	6733		
463290002	**V-39/2**	SM 2540 G-11/3550	6733		
463290003	**V-29/3**	SM 2540 G-11/3550	6733		
463290004	**V-31/3**	SM 2540 G-11/3550	6733		
463290005	**V-37/2**	SM 2540 G-11/3550	6733		

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WO# : 463290

463290

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2183319

Required Client Information:	Required Project Information:	Section C Invoice Information:
Company: CTI	Report To: ROBERT SHEBUSKI	Attention:
Address: 28001 CABOT DR NOVI MI	Copy To:	Company Name:
		Address:
Email To: RSHEBUSKI@CTICOMPANIES.COM	Purchase Order No.:	Pace Quote Reference:
Phone: 248-586-5100 Fax:	Project ~~Name~~ #: 1175010011	Pace Project Manager:
Requested Due Date/TAT: 24 HR	Project ~~Number~~ NAME: 232 MONROE	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: MI

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: ARSENIC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. (20-45)
1	V-43/2	SL				10-12-17	1200		1	X								X		463290-01
2	V-39/2	SL				10-12-17	1201		1	X								X		-02
3	V-29/3	SL				10-12-17	1350		1	X								X		-03
4	V-31/3	SL				10-12-17	1355		1	X								X		-04
5	V-37/2	SL				10-12-17	1400		1	X								X		-05
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
24 HR TURN	SHAWN SPIKAK / CTI	10/12/17	1630	DLMC	10/12/17	1630				
SAMPLES IN COOLER ON ICE	DLMC	10-12-17	1915	[signature]	10/12/17	1915				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SHAWN SPIKAK

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/12/17

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Pace Analytical®

Client: CTI	Work Order #: 463290
Receipt Record Page/Line #: 20-48	New / Add To
	Project Chemist / Sample #s

Recorded by (initials/date): RS 10/12/17

☒ 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
Blue	1918						

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:	5.3		5.3
Sample 2:	4.2		4.2
Sample 3:	4.1		4.1

3 Sample Average °C: 4.8

☐ 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

☒ Pace COC ☐ Other_____

COC ID Numbers: 2183319

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-Pace 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?
RS 10/12/17	RS 10/12/17	Yes / No

Appendix E

ProUCL 4.1 Output

USEPA ProUCL 4.1 Output

Normal UCL Statistics for Full Data Sets

User Selected Options	
Full Precision	OFF
Confidence Coefficient	95%
Results	

Number of Valid Observations	10
Number of Distinct Observations	9
Minimum	2.6
Maximum	7.9
Mean	5.66
Geometric Mean	5.453
Median	5.65
SD	1.463
Variance	2.14
Std. Error of Mean	0.463
Coefficient of Variation	0.258
Skewness	-0.664
Shapiro Wilk Test Statistic	0.955
5% Shapiro Wilk Critical Value	0.842

Data appear Normal at 5% Significance Level

95% UCL (Assuming Normal Distribution)

Student's-t UCL	6.508

Potential UCL to Use **Student's-t UCL**

DATA

Floor Samples (Area 1)	Results (mg/kg)
V-10	2.6
V-12	5.1
V-16/2	6.9
V-17/4	5.4
V-21	4.6
V-25	5.3
V-30	6
V-37/2	5.9
V-42	6.9
V-43/2**	7.9

Appendix F

Technical Memorandum – Backfill Assessment

Technical Memorandum

Offsite Backfill for Arsenic Excavation – Sampling Summary

232 Monroe Street, Saline, Michigan
USEPA ID No. MID980795512

October 23, 2017

CTI and Associates, Inc. has prepared the following Technical Memorandum on behalf of Adient, formerly an entity of Johnson Controls, Inc. This Technical Memo was prepared to document information obtained during a site reconnaissance and sampling effort of a backfill source for use during Off-Site Arsenic Interim Action completed in the fall of 2017.

The Interim Action (IA) is connected with the former Washtenaw Industrial facility located at 232 Monroe Street in Saline, Michigan and will be completed in the southwest corner of the 4.34 acre parcel that lies north of the northwest corner of the 232 Monroe parcel. Arsenic impacts above Michigan Department of Environmental Quality (MDEQ) Part 201 Residential Direct Contact Criteria were observed in soils in the IA area. Adient neither directly nor indirectly conducted any business operations at 232 or the adjoining property. However, its obligation under a RCRA Administrative Order on Consent includes interim action for site restoration to protect human health and the environment from all current and future unacceptable risks due to release of hazardous waste or hazardous constituents at or from the former facility.

The Off-Site Arsenic IA involves the excavation of arsenic-impacted soils, off-site disposal of the excavated material, cleanup confirmation sampling, and then backfilling of the excavation. As part of the IA, a backfill source was needed to restore the property to conditions compliant with MDEQ Part 201 Residential Direct Contact Criteria. This Technical Memorandum provides Adient's evaluation of the backfill source area.

Backfill Source

The backfill material was acquired from Farmer Underwood Trucking located in Belleville, Michigan. The source of the material was acquired from 12223 Darling Road in Milan, Michigan.

Site Reconnaissance

Prior to transporting the offsite backfill to the excavation area, the origin and condition of the stockpiled backfill material located at 12223 Darling Road were assessed. A site reconnaissance was performed on September 22, 2017 to assess the property location, current and historical property uses, current site conditions, and backfill and stockpile conditions. A photographic log of reconnaissance is provided in Attachment 1. Historical aerial photographs were also reviewed and are provided in Attachment 2. The source of the stockpiled backfill material was an ongoing pond expansion on the southwest side of the property located at 12223 Darling Road (refer to

Figure 1 for the location of the backfill). Based on historical aerial photographs obtained from GoogleEarth®, the backfill source was a former farm field for row crops at least through 2011. Sometime between 2011 and 2015 the property use was converted to a pond and stockpiling of excavated material began (refer to Attachment 2 for historical aerial photographs).

At the time of the reconnaissance on September 22, 2017, recent removals from the stockpile resulted in "fresh cuts" of the pile (i.e., areas not covered by vegetation), and enabled CTI to assess the eastern side of the stockpile. The stockpiled material had moderate vegetation growth on it, primarily on the pile's top and west side. No environmental concerns or conditions were observed at the backfill source or at stockpile location (e.g. fill pipes, tanks, drums, trash/debris, odors, water sheens, etc.). Similarly, no environmental concerns were identified during review of historical aerial photographs.

Soil Sampling

Physical observations of the stockpile indicated that material was primarily sand and sandy silt. No significant amounts of cobbles, gravels, or clays were observed. The stockpile material appeared to be homogeneous throughout. Nine samples were collected at various locations and depths around the stockpile. Stockpile sampling locations are shown on Figure 2. Samples were analyzed for:

- RCRA Metals;
- Volatile Organic Compounds;
- Semi-volatile Organic Compounds;
- Pesticides/Herbicides; and
- Polychlorinated Biphenyls

Samples were analyzed by Fibertec Environmental Services located in Brighton, Michigan. All sample results were below laboratory detection limits or below MDEQ Part 201 Residential criteria. The Analytical Laboratory Report is provided in Attachment 3.

Conclusion

Based on a review of the backfill source historical photographs, site reconnaissance conditions, and sampling results, the stockpiled material located at 12223 Darling Road in Milan, Michigan was deemed acceptable for use as backfill material at the Off-Site Arsenic Interim Action.

Approximately 1,800 cubic yards was utilized to restore the excavation area.

Attachments

Figure 1 – Backfill Source and Stockpile Location
Figure 2 – Field Observations of the Stockpile and Approximate Sample Locations
Attachment 1 – Photographic Log
Attachment 2 – Historical Aerial Photographs
Attachment 3 – Analytical Laboratory Report

FIGURE 1

Backfill Source and Stockpile Location

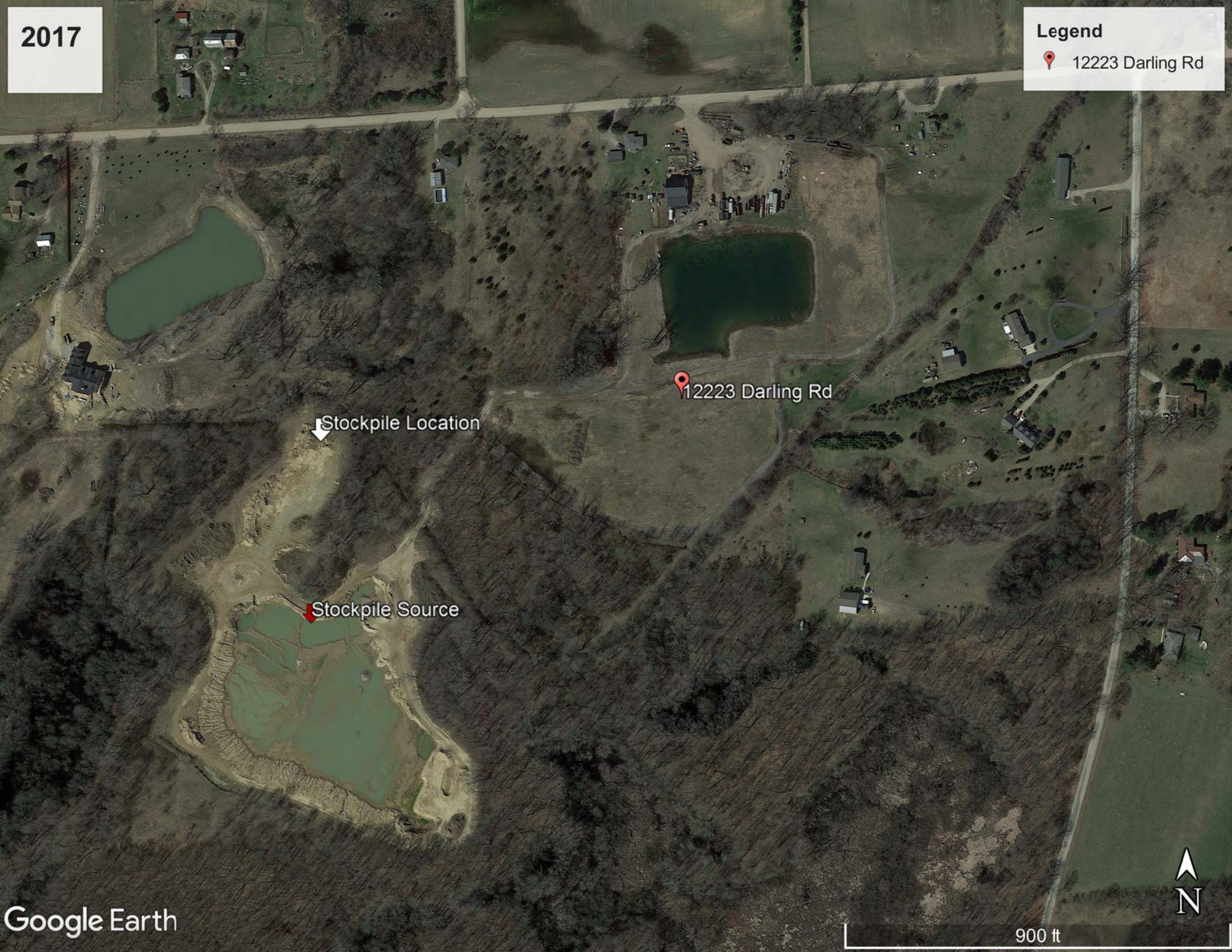
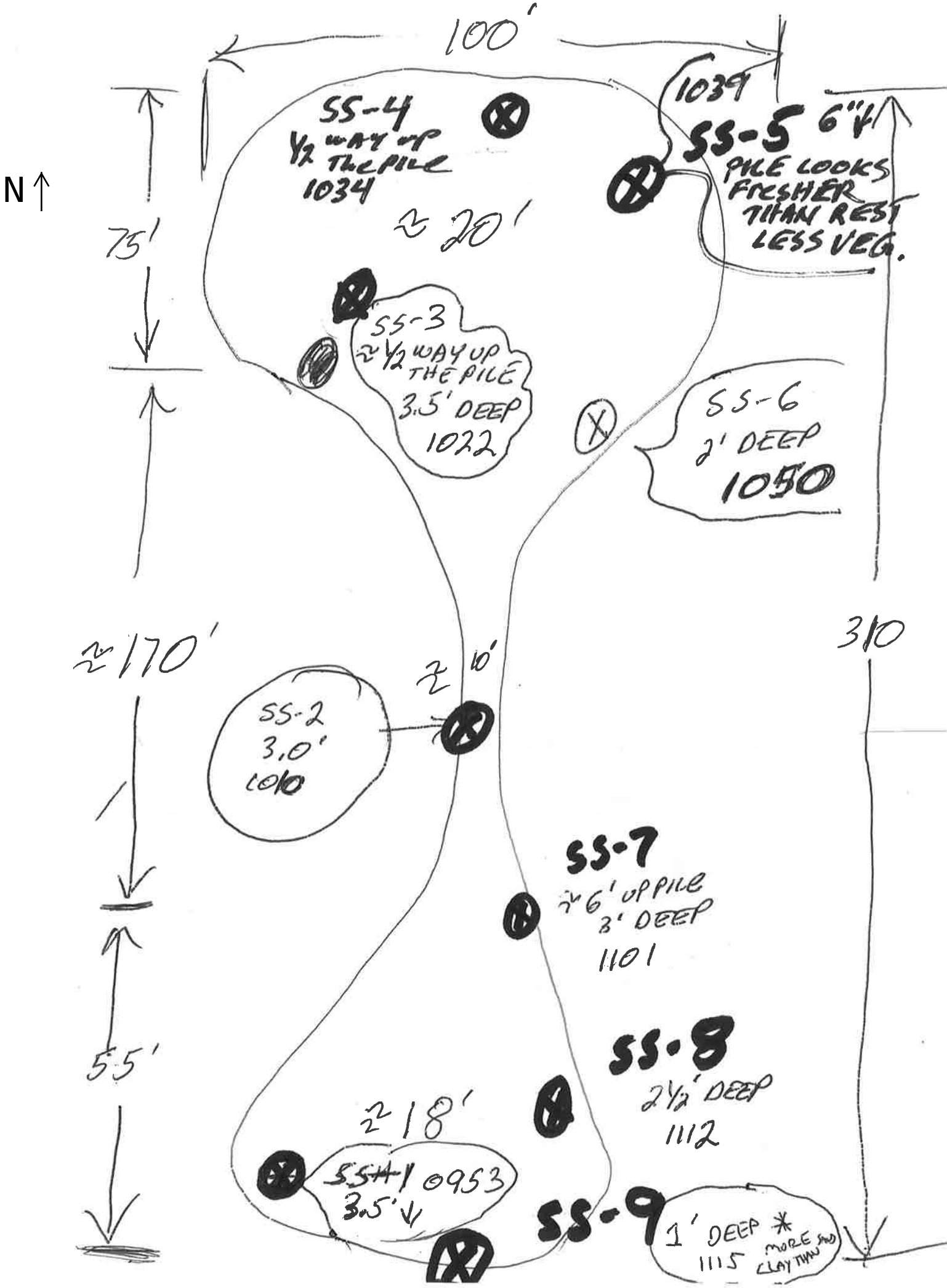

2017
Legend
12223 Darling Rd
12223 Darling Rd
Stockpile Location
Stockpile Source
Google Earth
N
900 ft

FIGURE 2

Field Observations of the Stockpile and Approximate Sample Locations

12223 DARLING RD. SOIL SAMPLING 9-22-17


100'
N
SS-4
1/2 WAY UP THE PILE
1034
1039
SS-5 6"
PILE LOOKS FRESHER THAN REST LESS VEG.
≈ 20'
75'
SS-3
≈ 1/2 WAY UP THE PILE
3.5' DEEP
1022
SS-6
2' DEEP
1050
≈ 170'
310
≈ 10'
SS-2
3.0'
1010
SS-7
≈ 6' UP PILE
3' DEEP
1101
55'
SS-8
2 1/2' DEEP
1112
≈ 18'
SS-1 0953
3.5'
SS-9
1' DEEP *
1115
MORE SAND CLAY THAN

ATTACHMENT 1

Photographic Log

PHOTO LOG
Offsite Backfill Sampling Summary
Photos taken at 12223 Darling Road, Milan, Michigan

1) Backfill origin.

2) Pond expansion and backfill origin.

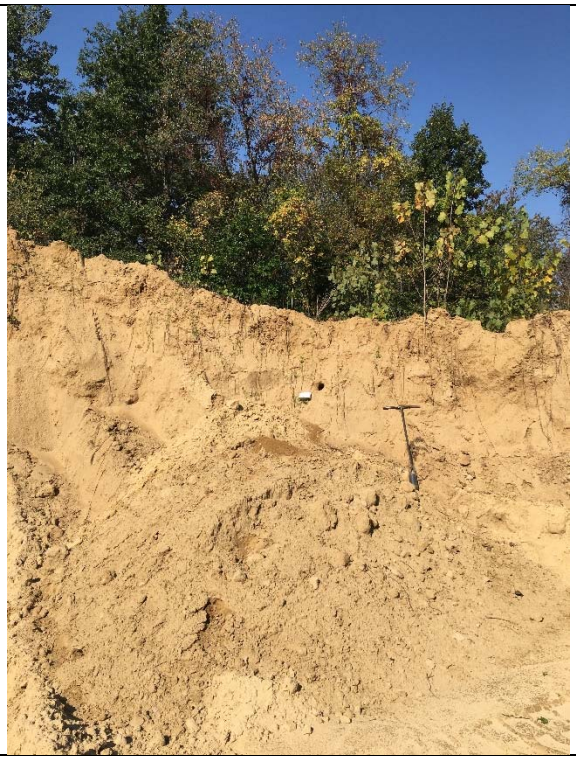
PHOTO LOG
Offsite Backfill Sampling Summary
Photos taken at 12223 Darling Road, Milan, Michigan

3) Stockpiled soils.

4) Stockpiled soils.

PHOTO LOG
Offsite Backfill Sampling Summary
Photos taken at 12223 Darling Road, Milan, Michigan

5) Stockpiled material with cohesive sandy silt and sample location SS-9.



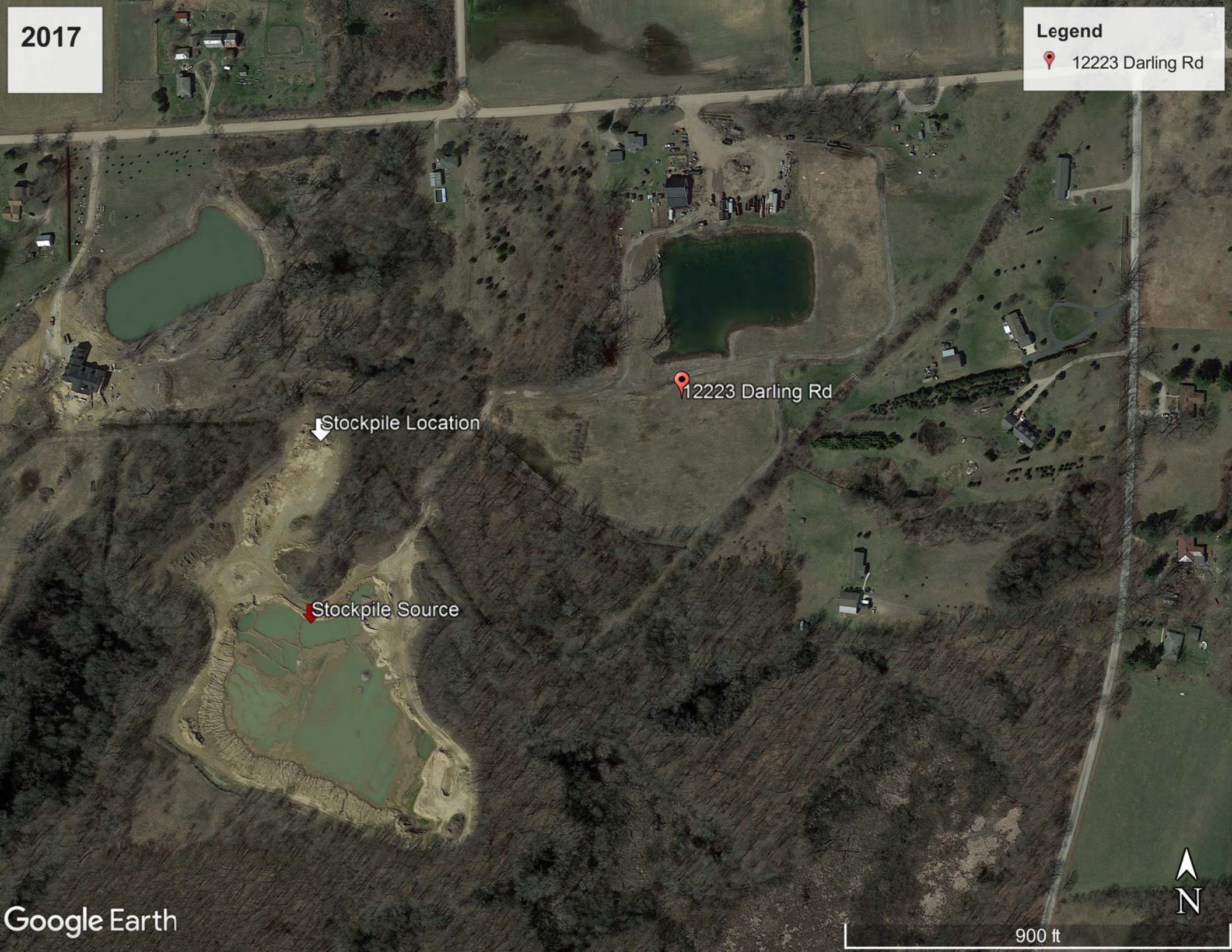
6) Stockpiled material with cohesive sandy silt and sample location SS-7.

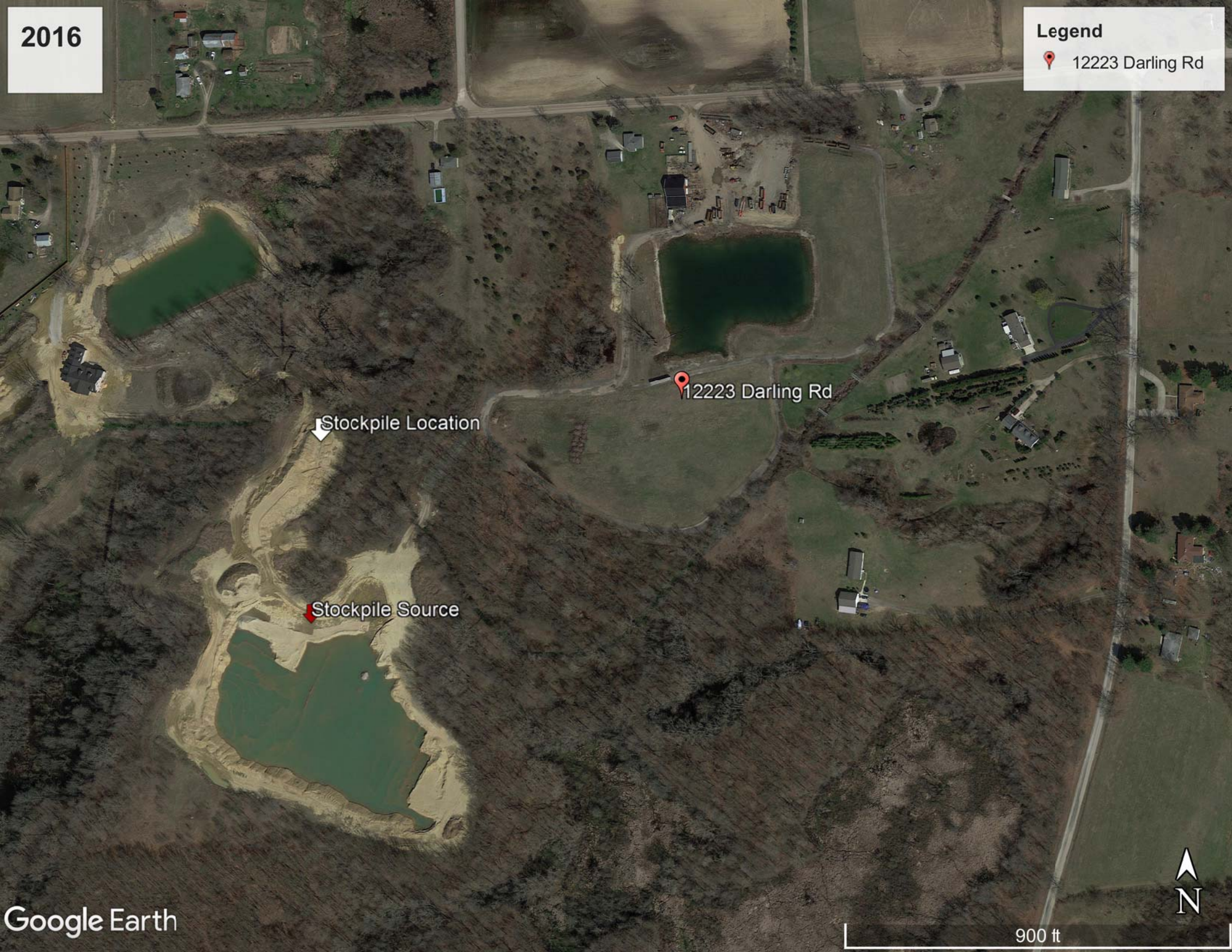
PHOTO LOG
Offsite Backfill Sampling Summary
Photos taken at 12223 Darling Road, Milan, Michigan

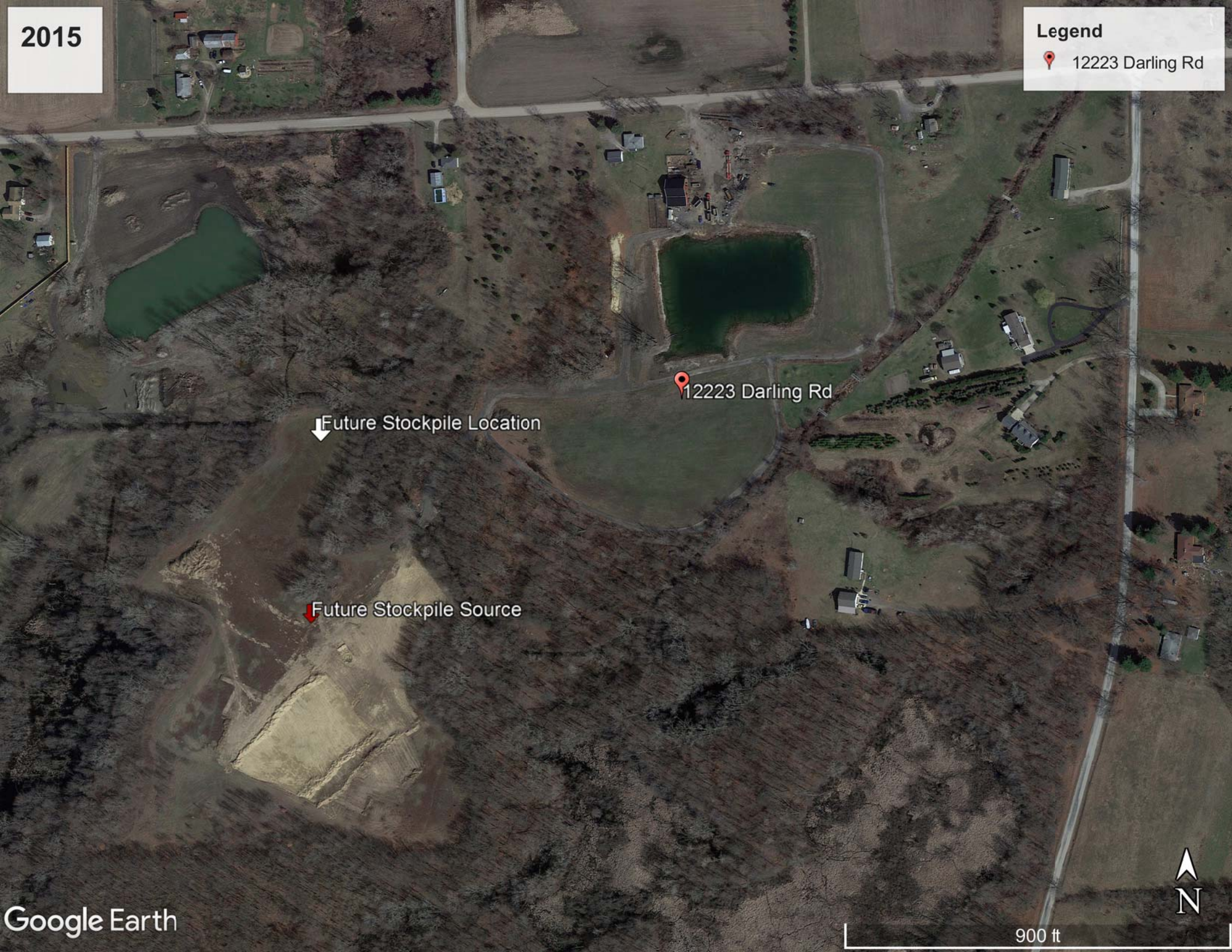
7) Sample location SS-4.

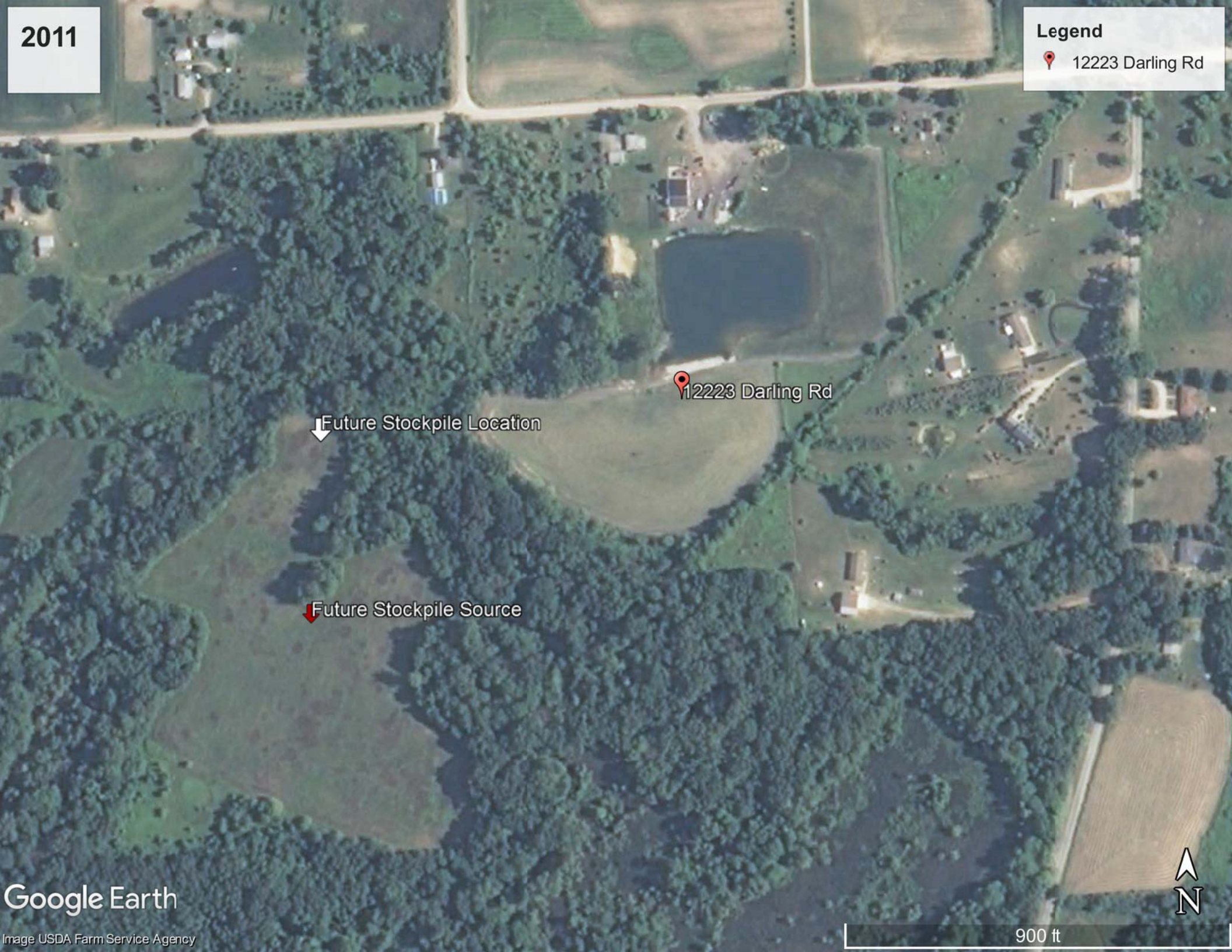
ATTACHMENT 2

Historical Aerial Photographs


2017
Legend
12223 Darling Rd
12223 Darling Rd
Stockpile Location
Stockpile Source
Google Earth
N
900 ft


2016
Legend
12223 Darling Rd
12223 Darling Rd
Stockpile Location
Stockpile Source
Google Earth
N
900 ft


2015
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
N
900 ft


2011
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image USDA Farm Service Agency
N
900 ft

2010
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
N
900 ft

2006
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image USDA Farm Service Agency
N
900 ft

2005
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image USDA Farm Service Agency
N
900 ft

2005 (2)
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image © 2017 DigitalGlobe
900 ft
N

2003
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image © 2017 DigitalGlobe
Image U.S. Geological Survey
N
1000 ft

2000
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image U.S. Geological Survey
N
1000 ft

1993
Legend
12223 Darling Rd
12223 Darling Rd
Future Stockpile Location
Future Stockpile Source
Google Earth
Image U.S. Geological Survey
N
1000 ft

ATTACHMENT 3

Analytical Laboratory Report

Fibertec environmental services

Thursday, September 28, 2017

Fibertec Project Number:	80869
Project Identification:	232 Monroe Back Fill (1175010011) /1175010011
Submittal Date:	09/22/2017

Mr. Bob Shebuski
CTI & Associates, Inc.
28001 Cabot Drive
Ste. 250
Novi, MI 48377

Dear Mr. Shebuski,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 10 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Emily Kennedy at 10:10 AM, Sep 28, 2017

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-001** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**7**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-001** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**3100**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**18000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**100**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**7000**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3700**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-001** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.7	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-001** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-1**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	7. Bromoform	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	8. Bromomethane	U		µg/kg	230	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	16. Chloroethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	57	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-001A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
44. Styrene	U		µg/kg	57	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-1**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**1**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:53**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-001** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U	F	µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-002** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**5**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-002** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**2500**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**16000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**94**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**5800**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3200**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-002** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.9	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-002** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-2**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	7. Bromoform	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	8. Bromomethane	U		µg/kg	220	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	16. Chloroethane	U		µg/kg	280	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	280	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	55	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-002A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
44. Styrene	U		µg/kg	55	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-2**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**2**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:10**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-002** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-003** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**8**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-003** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**3400**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**15000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**85**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**6200**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3500**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-003** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.7	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-003** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-003A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-3**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	120	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	7. Bromoform	U		µg/kg	120	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	8. Bromomethane	U		µg/kg	230	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	16. Chloroethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	58	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-003A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
44. Styrene	U		µg/kg	58	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	120	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-3**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**3**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:22**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-003** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-3**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-004** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**7**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-004** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**2500**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**15000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**92**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**5100**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3200**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-004** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.7	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-004** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U	F	µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U	F	µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-4**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	7. Bromoform	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	8. Bromomethane	U		µg/kg	230	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	16. Chloroethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	290	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	57	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-004A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
44. Styrene	U		µg/kg	57	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	110	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VI17I22A	09/22/17	VI17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-4**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**4**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:34**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-004** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-005** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**8**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-005** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**3300**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**16000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**75**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**6600**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3700**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-005** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.0	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-005** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-5**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	7. Bromoform	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	8. Bromomethane	U		µg/kg	230	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	16. Chloroethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-005A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
44. Styrene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-5**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**5**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:39**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-005** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-006** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**10**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-006** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**2800**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**16000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**77**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**5700**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3200**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-006** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.2	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-006** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-006A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-6**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	7. Bromoform	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	8. Bromomethane	U		µg/kg	240	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	16. Chloroethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-006A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
44. Styrene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-6**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**6**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:50**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-006** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-007** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**6**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-007** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**2200**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**21000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**79**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**5100**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3200**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-007** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.4	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-007** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-007A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-7**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	7. Bromoform	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	8. Bromomethane	U		µg/kg	230	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	16. Chloroethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-007A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
44. Styrene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-7**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**7**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:01**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-007** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/25/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-008** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**11**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-008** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**3900**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**19000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**96**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**7600**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**4200**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-008** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.1	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-008** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
14. Endrin	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/25/17	PS17I25B	09/25/17	SF17I25B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/25/17	PS17I25B	09/26/17	SA17I26A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-008A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-8**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	7. Bromoform	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	8. Bromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	16. Chloroethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-008A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
44. Styrene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-8**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**8**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:12**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-008** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Water (Moisture) Content Dried at 105 ± 5°C — **Aliquot ID: 80869-009** — **Matrix: Soil/Solid**
Method: ASTM D2216-10 — **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	**9**		%	1	1.0	09/25/17	MC170925	09/26/17	MC170925	BMG

RCRA Elements by ICP/MS — **Aliquot ID: 80869-009** — **Matrix: Soil/Solid**
Method: EPA 0200.2/EPA 6020A — **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Arsenic	**2900**		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
2. Barium	**16000**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
3. Cadmium	**93**		µg/kg	50	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
4. Chromium	**5600**		µg/kg	500	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
5. Lead	**3300**		µg/kg	1000	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
6. Selenium	U		µg/kg	200	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH
7. Silver	U		µg/kg	100	20	09/27/17	PT17I27B	09/27/17	T417I27A	JLH

Mercury by CVAAS — **Aliquot ID: 80869-009** — **Matrix: Soil/Solid**
Method: EPA 7471B — **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Mercury	U		µg/kg	50	9.2	09/27/17	PM17I27A	09/27/17	M617I27B	NRV

Organochlorine Pesticides — **Aliquot ID: 80869-009** — **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B — **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
3. beta-BHC	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
4. delta-BHC	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
6. Chlordane	U		µg/kg	25	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
7. 4,4'-DDD	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
10. Dieldrin	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8081B **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
12. Endosulfan II	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
14. Endrin	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
16. Heptachlor	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT
19. Toxaphene	U		µg/kg	170	5.0	09/27/17	PS17I27C	09/27/17	SF17I27B	TKT

Polychlorinated Biphenyls (PCBs) **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8082A **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Aroclor-1016	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	09/27/17	PS17I27C	09/27/17	SA17I27A	TKT

Organochlorine Herbicides **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 8151A **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 2. Dalapon	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 3. 2,4-DB	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 4. Dicamba	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 5. Dichlorprop	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 6. Dinoseb	U		µg/kg	100	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 7. 2,4,5-T	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK
‡ 8. 2,4,5-TP	U		µg/kg	200	5.0	09/25/17	PS17I25E	09/26/17	SC17I26A	RDK

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-009A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-9**

	Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
	1. Acetone	U		µg/kg	1000	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	2. Acrylonitrile	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	3. Benzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	4. Bromobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	5. Bromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	6. Bromodichloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	7. Bromoform	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	8. Bromomethane	U		µg/kg	240	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	9. 2-Butanone	U		µg/kg	750	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	10. n-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	11. sec-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	12. tert-Butylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	13. Carbon Disulfide	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	14. Carbon Tetrachloride	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	15. Chlorobenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	16. Chloroethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	17. Chloroform	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	18. Chloromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	19. 2-Chlorotoluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	20. Dibromochloromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡	21. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	22. Dibromomethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	26. Dichlorodifluoromethane	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	27. 1,1-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	28. 1,2-Dichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	29. 1,1-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	32. 1,2-Dichloropropane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	33. cis-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	35. Ethylbenzene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	36. Ethylene Dibromide	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
	37. 2-Hexanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS, 5035 **Aliquot ID: 80869-009A** **Matrix: Soil/Solid**
Method: EPA 5035A/EPA 8260B **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
38. Isopropylbenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
39. Methylene Chloride	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
40. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
41. MTBE	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
42. Naphthalene	U		µg/kg	330	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
43. n-Propylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
44. Styrene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
45. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
46. 1,1,2,2-Tetrachloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
47. Tetrachloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
48. Toluene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
49. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
50. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
51. 1,1,2-Trichloroethane	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
52. Trichloroethene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
53. Trichlorofluoromethane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
54. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 55. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
56. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
57. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
58. Vinyl Chloride	U		µg/kg	40	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
59. m&p-Xylene	U		µg/kg	100	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
60. o-Xylene	U		µg/kg	50	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP
‡ 61. Xylenes	U		µg/kg	150	1.0	09/22/17	VJ17I22A	09/22/17	VJ17I22A	MJP

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
1. Acenaphthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
2. Acenaphthylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
3. Aniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
4. Anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 5. Azobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
6. Benzo(a)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
7. Benzo(a)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
8. Benzo(b)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
9. Benzo(ghi)perylene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
10. Benzo(k)fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
11. Benzyl Alcohol	U		µg/kg	3300	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
13. Bis(2-chloroethyl)ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
14. Bis(2-chloroisopropyl) Ether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
15. Bis(2-ethylhexyl)phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
16. 4-Bromophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
17. Butyl Benzyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 18. Carbazole	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
19. 4-Chloro-3-methylphenol	U		µg/kg	280	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
20. 2-Chloronaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
21. 2-Chlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
23. Chrysene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
24. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
25. Dibenzofuran	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
26. 2,4-Dichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
27. Diethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
28. Dimethyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
29. 2,4-Dimethylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
30. Di-n-butyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
31. 2,4-Dinitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
32. 2,4-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
33. 2,6-Dinitrotoluene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
34. Di-n-octyl Phthalate	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
35. Fluoranthene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
36. Fluorene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
37. Hexachlorobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
38. Hexachlorobutadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
39. Hexachlorocyclopentadiene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
40. Hexachloroethane	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
41. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
42. Isophorone	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
43. 2-Methyl-4,6-dinitrophenol	U	L-	µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
44. 2-Methylnaphthalene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Client Identification:	**CTI & Associates, Inc.**	Sample Description:	**SS-9**	Chain of Custody:	**160664**
Client Project Name:	**232 Monroe Back Fill (1175010011)**	Sample No:	**9**	Collect Date:	**09/22/17**
Client Project No:	**1175010011**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:15**

Sample Comments: **Soil results have been calculated and reported on a dry weight basis unless otherwise noted.**

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS **Aliquot ID: 80869-009** **Matrix: Soil/Solid**
Method: EPA 3546/EPA 8270C **Description: SS-9**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
45. 2-Methylphenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
‡ 46. 3&4-Methylphenol	U		µg/kg	660	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
47. 2-Nitroaniline	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
48. 3-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
49. 4-Nitroaniline	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
50. Nitrobenzene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
51. 2-Nitrophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
52. 4-Nitrophenol	U		µg/kg	830	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
53. N-Nitrosodimethylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
54. N-Nitrosodi-n-propylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
55. N-Nitrosodiphenylamine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
56. Pentachlorophenol	U		µg/kg	800	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
57. Phenanthrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
58. Phenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
59. Pyrene	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
60. Pyridine	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
61. 2,4,5-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA
62. 2,4,6-Trichlorophenol	U		µg/kg	330	1.0	09/25/17	PS17I25C	09/26/17	SG17I25B	BDA

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

F : Recovery from the spiked aliquot failed the expected range (matrix spike or matrix spike duplicate)
L- : Recovery in the associated laboratory sample (LCS) exceeds the lower control limit. Results may be biased low.

ACCREDITED IN ACCORDANCE WITH nelac

Accreditation Number(s):

T104704518-17-6 (TX)

Appendix G

Manifest and Haul Tickets

Arsenic Impacted Soil Remediation 232 Monroe Street, Saline, MI					
Date	**Ticket #**	**Weight**	**Units**	**Volume**	**Units**
10/3/2017	1192336	44.43	Tons	35.0	CY
10/3/2017	1192396	45.28	Tons	35.0	CY
10/3/2017	1192433	53.81	Tons	35.0	CY
10/3/2017	1192442	54.2	Tons	35.0	CY
10/4/2017	1192527	48.96	Tons	35.0	CY
10/4/2017	1192592	43.93	Tons	35.0	CY
10/4/2017	1192605	37.03	Tons	35.0	CY
10/4/2017	1192644	42.85	Tons	35.0	CY
10/4/2017	1192657	43.84	Tons	35.0	CY
10/4/2017	1192726	38.87	Tons	35.0	CY
10/4/2017	1192691	41.34	Tons	35.0	CY
10/4/2017	1192682	39.1	Tons	35.0	CY
10/5/2017	1192878	40.66	Tons	35.0	CY
10/5/2017	1192846	41.71	Tons	35.0	CY
10/5/2017	1192823	42.5	Tons	35.0	CY
10/5/2017	1192827	44.21	Tons	35.0	CY
10/5/2017	1192772	44.07	Tons	35.0	CY
10/5/2017	1192788	38.36	Tons	35.0	CY
10/5/2017	1192776	42.07	Tons	35.0	CY
10/5/2017	1192742	42.33	Tons	35.0	CY
10/5/2017	1192905	42.44	Tons	35.0	CY
10/5/2017	1192886	40.64	Tons	35.0	CY
10/5/2017	1192910	49.29	Tons	35.0	CY
10/9/2017	1193164	39.4	Tons	35.0	CY
10/9/2017	1193207	38.04	Tons	35.0	CY
10/9/2017	1193266	42.02	Tons	35.0	CY
10/9/2017	1193253	47.78	Tons	35.0	CY
10/9/2017	1193320	45.95	Tons	35.0	CY
10/9/2017	1193318	37.77	Tons	35.0	CY
10/9/2017	1193391	47.4	Tons	35.0	CY
10/9/2017	1193379	44.3	Tons	35.0	CY
10/9/2017	1193359	44.54	Tons	35.0	CY
10/10/2017	1193538	45.69	Tons	35.0	CY
10/10/2017	1193483	47.41	Tons	35.0	CY
10/10/2017	1193470	43.53	Tons	35.0	CY
10/10/2017	1193561	46.21	Tons	35.0	CY
10/10/2017	1193618	43.38	Tons	35.0	CY
10/13/2017	1194284	43.16	Tons	35.0	CY
10/13/2017	1194403	47.65	Tons	35.0	CY
TOTAL		**1706.15**	**Tons**	**1365.00**	**CY**

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2 | TICKET # 1192336 | CELL

WEIGHMASTER Carol M.

DATE/TIME IN 10/3/17 11:18 am | DATE/TIME OUT 10/3/17 11:18 am

VEHICLE FAR18140T | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 150,640 NET TONS 44.43
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 88,860

~~INBOUND~~
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
~~40.00~~	~~YD~~	~~Tracking QTY~~				
44.43	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned Individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE _____

RS-F042UPR (07/12)

LOAD AND TIME TICKET

B3200493

NAME OF CARRIER **FARMER & UNDERWOOD TRUCKING LI**
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt out

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3629	10 / 3 / 17

NAME OF SHIPPER # 1
CTI

FROM (LOADING PLACE)
Sellers Monroe St

TO (UNLOADING PLACE)
Spark trailers

		NET OR ESTIMATED WEIGHT
GROSS		tons
TARE	20yrds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE Scott Cogrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

#1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET SALINE, MI 48176 f. Phone:734-854-5657	SAME g. Phone:SAME
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4242 17 8859 ACCt# 333352	6/30/2018	EXCAVATED SOIL			45 Ton	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/3/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Thornton		10/3/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS DEVELOPMENT, INC. 5011 S. LILLEY ROAD CANTON, MI 48188 b. Phone: (734) 397-2790	MIR 000009207	

I herby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-3-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
NOT APPLICABLE b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192396	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/3/17 1:01 pm	10/3/17 1:42 pm

VEHICLE	CONTAINER
FAR19340T	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 150,660 NET TONS 45.28 INBOUND
SCALE OUT TARE WEIGHT 60,100 NET WEIGHT 90,560 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
45.28	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

10/3/17
Load Tickets

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199357

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 3 / 12

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): 232 monroe

TO (UNLOADING PLACE): Salt Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40,000	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET SALINE, MI 48176 f. Phone:734-854-5657	SAME g. Phone:SAME
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4242 17 8859 ACCt# 333352	6/30/2018	EXCAVATED SOIL	1	T	40 yds	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/3/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #193

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10-3-10

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS DEVELOPMENT, INC. 5011 S. LILLEY ROAD CANTON, MI 48188 b. Phone: (734) 397-2790	MIR 000009207	

I herby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-3-10

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
NOT APPLICABLE b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178839
Generator:Ad ent

SITE Y2	TICKET # 1192433	CELL
WEIGHMASTER Lori L.		
DATE/TIME IN 10/3/17 3:11 pm		DATE/TIME OUT 10/3/17 3:11 pm
VEHICLE FAR18140T		CONTAINER
REFERENCE 4302897		
BILL OF LADING		

SCALE IN GROSS WEIGHT 169,400 NET TONS 53.81
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 107,620

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
53.81	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200495

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
151	3629	10 / 3 / 17

NAME OF SHIPPER: CTI # [redacted] 1302897

FROM (LOADING PLACE): Monroe St Saline

TO (UNLOADING PLACE): Sauk trailer

GROSS		NET OR ESTIMATED WEIGHT
TARE	21 Cycles	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Matt Cooper 10/3/17

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302397

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-554-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8659 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	TR		
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/1/18

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
		10/1/18

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Admont

SITE Y2	TICKET # 1192442	CELL
WEIGHMASTER Lori L.		
DATE/TIME IN 10/3/17 3:43 pm		DATE/TIME OUT 10/3/17 3:43 pm
VEHICLE FAR19340T		CONTAINER
REFERENCE 4302898		
BILL OF LADING		

SCALE IN GROSS WEIGHT 163,500 NET TONS 54.20 INBOUND
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 103,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
54.20	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199354

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C. Salt

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 3 / 17

NAME OF SHIPPER: CTT

FROM (LOADING PLACE): 731 Monroe

TO (UNLOADING PLACE): Salt trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	4000	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302898

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	8/30/2018	EXCAVATED SOIL	1	T	40 yds.	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/3/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: # 193
FARMER & UNDERWOOD
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10-3-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE 12	TICKET # 1192527	CELL	
WEIGHMASTER	Lori L.		
DATE/TIME IN	10/4/17 9:01 am	DATE/TIME OUT	10/4/17 9:01 am
VEHICLE	FAR19340T	CONTAINER	
REFERENCE	4302971		
BILL OF LADING			

SCALE IN GROSS WEIGHT 158,020 NET TONS 48.96
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 97,920

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
48.96	tn	SV-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199353

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 14 / 17

NAME OF SHIPPER: CTJ 4302971

FROM (LOADING PLACE): 232 monroe

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40,5	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cogran

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302971

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

J. Scott Cosgrove	J. Scott Cosgrove	10/4/17
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:

FARMER & UNDERWOOD # 193

b. Phone:

Dave Rhodes	[signature]	10-4-17
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. A. Lites	[signature]	10/4/17
e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE	
Sauk Trail Hills Development 734-397-2790 5011 S Lilley Road-Canton, MI 48188	

SITE 72	TICKET # 1192592	CELL
WEIGHMASTER	Lori L.	
DATE/TIME IN 10/4/17 12:11 pm		DATE/TIME OUT 10/4/17 12:11 pm
VEHICLE FAR19340T		CONTAINER
REFERENCE 4302970		
BILL OF LADING		

CUSTOMER 333352

CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SCALE IN GROSS WEIGHT 147,960 NET TONS 43.93
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 87,860

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
43.93	tn	SV-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199352

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 4 / 17

NAME OF SHIPPER: CTI 4302970

FROM (LOADING PLACE): 232 Monroe

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cooper

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302970

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: II 193

FARMER & UNDERWOOD

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Dave Rhodes	[illegible]	10-4-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LAKites	[illegible]	10/4/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

RETURN TO GENERATOR

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192605	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/4/17 12:50 pm	10/4/17 12:50 pm

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302967

BILL OF LADING

SCALE IN GROSS WEIGHT 135,840 NET TONS 37.03 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 74,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
37.03	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200499

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3679	10 / 21 / 17

NAME OF SHIPPER: CTI # 4302967

FROM (LOADING PLACE): Sallie Moore St

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yards	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cooper

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302967

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Meeks	[illegible]	10/4/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10 4 17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4241178859
Generator:Ad.ent

SITE Y2	**TICKET #** 1192644	**CELL**
WEIGHMASTER Lori L.		
DATE/TIME IN 10/4/17 2:23 pm		**DATE/TIME OUT** 10/4/17 2:23 pm
VEHICLE FAR19340T		**CONTAINER**
REFERENCE 4302968		
BILL OF LADING		

SCALE IN GROSS WEIGHT 145,800 NET TONS 42.85
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 85,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Backing QTY				
42.85	tn	SV-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199351

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 4 / 17

NAME OF SHIPPER: CTI 4302968

FROM (LOADING PLACE): 232 Monroe

TO (UNLOADING PLACE): South Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302968

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: # 193

FARMER & UNDERWOOD

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Dave Rhodes	[illegible]	10-4-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
L Alitto	[illegible]	10/4/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	**TICKET #** 1192657	**CELL**
WEIGHMASTER Lori L.		
DATE/TIME IN 10/4/17 2:59 pm		**DATE/TIME OUT** 10/4/17 2:59 pm
VEHICLE FAR18140T		**CONTAINER**
REFERENCE 4302966		
BILL OF LADING		

SCALE IN GROSS WEIGHT 149,460 NET TONS 43.84
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 87,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
43.84	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200500

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

☐ BIT. COLD PATCH MATL	☐ CLAY	☐ GRAVEL	☐ SAND
☐ BLACK TOP, ETC.	☐ CONCRETE BATCH	☐ LIMESTONE	☐ SLAG
☐ BORROW MATERIAL	☐ DIRT	☐ MARL	☐ STONE
☐ CINDERS	☐ EARTH	☐ PEBBLES	☐ STONE CHIPS
☐ CONCRETE AGGREGATES	☐ FILL MATL	☐ ROAD GRAVEL	

☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE
181	3624	10 / 1 / 17 (MO. DAY YR.)

NAME OF SHIPPER: CTT # 4302966

FROM (LOADING PLACE): Salem Monroe St

TO (UNLOADING PLACE): Sauk trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Coogan

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302966

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8659 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yrds
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Hinds	[illegible]	10/4/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LA Likes	[illegible]	10/4/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

Ticket
1192682

LOAD AND TIME TICKET

B 3193518

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
134	3629	10 / 9 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): 232 Monroe ST. Saline

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE		10 yds

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [illegible]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

#134

4302962

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-654-5057	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	D.S
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Donald Gerhart	[illegible]	10-4-2017

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2799		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	TICKET # 1192691	CELL
WEIGHMASTER	Carol M.	
DATE/TIME IN 10/5/17 6:06 am		DATE/TIME OUT 10/5/17 6:06 am
VEHICLE FAR18140T		CONTAINER
REFERENCE 4302964		
BILL OF LADING		

MANUAL IN GROSS WEIGHT 144,460 NET TONS 41.34
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 82,680

~~INBOUND~~
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
~~40.00~~	~~TD~~	~~Tracking QTY~~				
41.34	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200501

NAME OF CARRIER **FARMER & UNDERWOOD TRUCKING LI**
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. DAY YR.
181	3679	1 9 17

NAME OF SHIPPER CTI # 4302964

FROM (LOADING PLACE) Salem Monroe St.

TO (UNLOADING PLACE) Salt trails

		NET OR ESTIMATED WEIGHT
GROSS		
TARE	40 yd	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE Scott Congrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302964

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 212 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yrd
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: #181
FARMER & UNDERWOOD
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Mack		10/4/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-5-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192726	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 7:36 am	10/5/17 7:36 am

VEHICLE	CONTAINER
FAR19340T	

REFERENCE 4302963

BILL OF LADING

SCALE IN GROSS WEIGHT 137,840 NET TONS 38.87 INBOUND
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 77,740 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
38.87	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

533.64 TO-DATE
10/4/17
335.92

Pre-load Tickets 10/4/17

39.10 - Trk 134

10/4/17

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199349

NAME OF CARRIER **FARMER & UNDERWOOD TRUCKING LI**
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 4 / 12

NAME OF SHIPPER: C T F 4302963

FROM (LOADING PLACE): 232 Monroe

TO (UNLOADING PLACE): Sauk Trails

		NET OR ESTIMATED WEIGHT
GROSS		
TARE	40 yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [illegible]

AGENT FOR SHIPPER SIGNATURE: Scott Gagnon

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302963

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	Yds
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/4/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #193
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Dan Rhodes	[signature]	10-4-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[signature]	[signature]	10-4-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192742	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 8:28 am	10/5/17 8:28 am

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302965

BILL OF LADING

SCALE IN GROSS WEIGHT 146,440 NET TONS 42.33 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 84,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
42.33	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200477

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE
181	3629	MO. 10 DAY 5 YR. 17

NAME OF SHIPPER: CTI # 1302965

FROM (LOADING PLACE): Saline Monroe St

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yrd	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Congrua

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302965

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yrd
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-5-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192772	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 9:47 am	10/5/17 9:47 am

VEHICLE	CONTAINER
FAR17740T	

REFERENCE 4302957

BILL OF LADING

SCALE IN GROSS WEIGHT 147,840 NET TONS 44.07 INBOUND
TARE OUT TARE WEIGHT 59,700 NET WEIGHT 88,140 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
44.07	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3191788

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt cut

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
177	3629	10 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): 232 Monroe, Saline

TO (UNLOADING PLACE): SAUK TRails

GROSS		NET OR ESTIMATED WEIGHT
TARE		

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrun

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302957

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #177
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Tim McKeen		10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10.5.17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE 72	TICKET # 1192776	CELL
WEIGHMASTER	Lori L.	
DATE/TIME IN 10/5/17 10:09 am		DATE/TIME OUT 10/5/17 10:09 am
VEHICLE FAR19340T		CONTAINER
REFERENCE 4302958		
BILL OF LADING		

SCALE IN GROSS WEIGHT 144,240 NET TONS 42.07
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 84,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
42.07	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199348

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-Salt

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 5 / 17

NAME OF SHIPPER: C T I (4302958)

FROM (LOADING PLACE): 232 Monroe

TO (UNLOADING PLACE): Salt Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yd	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cozzon

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302958

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	Y/S
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD E 193
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Dave Rhodes	[illegible]	10-5-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LA Lites	[illegible]	10/5/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192788	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 10:50 am	10/5/17 10:50 am

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302959

BILL OF LADING

SCALE IN GROSS WEIGHT 138,500 NET TONS 38.36 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 76,720 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
38.36	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200502

NAME OF CARRIER **FARMER & UNDERWOOD TRUCKING LI**
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3629	10/4/17

NAME OF SHIPPER CTT # 4307959

FROM (LOADING PLACE) Saline Monroe St

TO (UNLOADING PLACE) Sauk trail

		NET OR ESTIMATED WEIGHT
GROSS		
TARE	20 yards	tons

SEC. 2 (FOR TON MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE Scott Cogrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302959

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Mack		10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10.5.17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE

Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER

333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192823	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 12:33 pm	10/5/17 12:33 pm

VEHICLE	CONTAINER
FAR19340T	

REFERENCE 4302960

BILL OF LADING

SCALE IN GROSS WEIGHT 145,100 NET TONS 42.50 INBOUND
TARE OUT TARE WEIGHT 60,100 NET WEIGHT 85,000 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
42.50	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3199347

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C. Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 15 / 17

NAME OF SHIPPER: CTI 430256d

FROM (LOADING PLACE): 232 Monroe

TO (UNLOADING PLACE): South Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Coogan

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302960

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #193
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Dave Rhodes	[illegible]	10-5-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-5-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192827	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 12:45 pm	10/5/17 12:45 pm

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302961

BILL OF LADING

SCALE IN GROSS WEIGHT 150,200 NET TONS 44.21 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 88,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
44.21	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200503

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE
181	3629	MO. 10 / DAY 4 / YR. 17

NAME OF SHIPPER: CTI # 4302961

FROM (LOADING PLACE): Saline Monroe St.

TO (UNLOADING PLACE): Sauk trails #

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Congrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302961

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Brooks	[illegible]	10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10/5/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE

Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER

333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1192846	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/5/17 1:30 pm	10/5/17 1:30 pm

VEHICLE	CONTAINER
FAR17740T	

REFERENCE 4302953

BILL OF LADING

SCALE IN GROSS WEIGHT 143,120 NET TONS 41.71 INBOUND
TARE OUT TARE WEIGHT 59,700 NET WEIGHT 83,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
41.71	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3191787

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☒ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
177	3639	10 / 5 / 17

NAME OF SHIPPER: Republic

FROM (LOADING PLACE): Monroe Rd. Saline

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE		

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302953

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #177
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Tim McKee		10-5-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-5-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	**TICKET #** 1192878	**CELL**
WEIGHMASTER Lori L.		
DATE/TIME IN 10/3/17 2:51 pm		**DATE/TIME OUT** 10/3/17 2:51 pm
VEHICLE FAR18140T		**CONTAINER**
REFERENCE 4302954		
BILL OF LADING		

SCALE IN GROSS WEIGHT 143,100 NET TONS 40.66
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 81,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
40.66	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200504

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3629	10 / 14 / 17

NAME OF SHIPPER: CTI # 1302954

FROM (LOADING PLACE): Salter Monroe St.

TO (UNLOADING PLACE): South Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	21 yds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
5			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cozzens

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302954

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
		10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LALites		10/5/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

1192886

LOAD AND TIME TICKET

B3199346

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☒ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
193	3629	10 / 15 / 17

NAME OF SHIPPER: CTF 4302955

FROM (LOADING PLACE): 238 monroe

TO (UNLOADING PLACE): Sauk trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	46.5	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302955

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET SALINE, MI 48176 734-854-3657 f. Phone:	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #193

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2700		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

1192905

AD AND TIME TICKET B 3192831

OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

ODITY (as further described in Carrier's Rate Tariff)

COLD PATCH MATL.	☐ CLAY	☐ GRAVEL	☐ SAND
CK TOP, ETC.	☐ CONCRETE BATCH	☐ LIMESTONE	☐ SLAG
ROW MATERIAL	☐ DIRT	☐ MARL	☐ STONE
DERS	☐ EARTH	☐ PEBBLES	☐ STONE CHIPS
ICRETE AGGREGATES	☐ FILL MATL.	☐ ROAD GRAVEL	

OTHER Dirt

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. DAY YR.
177	3629	10/5/10

NAME OF SHIPPER
Republic 4302956

FROM (LOADING PLACE)
Monroe, Saline

TO (UNLOADING PLACE)
Sauk Trails 1192905

GROSS		NET OR ESTIMATED WEIGHT
TARE		42.44

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

TIME				HOURS	RATE	CHARGES
	START					
	FINISH					
	START					
	FINISH					

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE
Scott Coogroe

LOGISTICS CONTROL COMPANY • (517) 347-0555

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302956

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:		
FARMER & UNDERWOOD b. Phone:		
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD b. CANTON, MI 48188 734-397-2700		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

119290

LOAD AND TIME TICKET

B 3200505

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20649

COMMODITY (as further described in Carrier's Rate Tariff)

☐ BIT. COLD PATCH MATL	☐ CLAY	☐ GRAVEL	☐ SAND
☐ BLACK TOP, ETC	☐ CONCRETE BATCH	☐ LIMESTONE	☐ SLAG
☐ BORROW MATERIAL	☐ DIRT	☐ MARL	☐ STONE
☐ CINDERS	☐ EARTH	☐ PEBBLES	☐ STONE CHIPS
☐ CONCRETE AGGREGATES	☐ FILL MATL	☐ ROAD GRAVEL	

☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE
181	3629	MO. 10 / DAY 4 / YR. 17

NAME OF SHIPPER: CTI # 4302952

FROM (LOADING PLACE): Saline Monroe St

TO (UNLOADING PLACE): Sauk trails # 1192910

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yrds	49.29 tons

SEC. 2

LOAD NO.	LOADED MILES	RATE	CHARGES
6			

SECTION 3

TIME			HOURS	RATE	CHARGES
START					
FINISH					
START					
FINISH					

SECTION 4

DRIVER'S SIGNATURE [signature]

AGENT FOR SHIPPER SIGNATURE Scott Cosgrove

1 - CARRIER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

GENERATOR (Generator completes Ia-r)

or any applicable gulations; AND, if this hat the waste has

o. Unit Wt/Vol

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302952

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333362	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/5/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: #181

FARMER & UNDERWOOD

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael [illegible]	[illegible]	10/5/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

Operator's Name and Title (Print)	h. Signature	i. Date

erator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or ation operation or both

GENERATOR RETAIN

RS-F11A

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193164	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 8:26 am	10/9/17 8:26 am

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302904

BILL OF LADING

SCALE IN GROSS WEIGHT 140,580 NET TONS 39.40 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 78,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
39.40	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195530

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. 9 DAY 9 YR. 17
181	3629	

NAME OF SHIPPER
CTT # 43029041

FROM (LOADING PLACE)
Monroe St Saline

TO (UNLOADING PLACE)
Sauk trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yards	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE
Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302904

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:
ADIENT
232 MONROE STREET
f. Phone: SALINE, MI 48176 734-854-5657

e. Generator's Mailing Address:
SAME
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[signature]	[signature]	10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
SAUK TRAIL HILLS
5011 S. LILLEY RD.
b. CANTON, MI 48188 734-397-2790

c. US EPA Number

d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[signature]	[signature]	10-9-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:

c. Responsible Agency Name and Address:
d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE
Sauk Trail Hills Development 734-39[illegible]-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193207	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 10:17 am	10/9/17 10:17 am

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302900

BILL OF LADING

SCALE IN GROSS WEIGHT 137,860 NET TONS 38.04 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 76,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
38.04	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200506

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. DAY YR
181	3629	10/6/07

NAME OF SHIPPER: CTI # 4302906

FROM (LOADING PLACE): Saline Monroe St.

TO (UNLOADING PLACE): Sauk trails #

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cooper

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302900

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Mark		10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-9-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE 72	TICKET # 1193253	CELL
WEIGHMASTER Lori L.		
DATE/TIME IN 10/9/17 12:13 pm		DATE/TIME OUT 10/9/17 12:13 pm
VEHICLE FAR18140T		CONTAINER
REFERENCE 4302901		
BILL OF LADING		

SCALE IN GROSS WEIGHT	157,340	NET TONS	47.78	INBOUND
TARE CUT TARE WEIGHT	61,780	NET WEIGHT	95,560	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
47.78	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195529

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. DAY YR.
181	3679	10/9/17

NAME OF SHIPPER: CTI # 4302901

FROM (LOADING PLACE): Monroe St. Sulphur

TO (UNLOADING PLACE): Sauk trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	210 yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cograve

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302901

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LALiles	[illegible]	10/9/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193266	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 12:01 pm	10/9/17 12:40 pm

VEHICLE	CONTAINER
FAR15840T	

REFERENCE 4302899

BILL OF LADING

SCALE IN GROSS WEIGHT 143,980 NET TONS 42.02
SCALE OUT TARE WEIGHT 59,940 NET WEIGHT 84,040

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
42.02	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3194538

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☑ OTHER Dirt

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	[illegible]	[illegible]

NAME OF SHIPPER: CH

FROM (LOADING PLACE): [illegible]

TO (UNLOADING PLACE): [illegible] Tracks

GROSS		NET OR ESTIMATED WEIGHT
TARE		40 yds

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [illegible]

AGENT FOR SHIPPER SIGNATURE: Scott Lodgrow

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302899

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8858 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD Truck # 158
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Robinson	[illegible]	10-9-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-9-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193318	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 2:24 pm	10/9/17 2:24 pm

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302903

BILL OF LADING

SCALE IN GROSS WEIGHT 137,320 NET TONS 37.77 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 75,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
37.77	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195528

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3679	10 / 9 / 17

NAME OF SHIPPER: CTI # 4507903

FROM (LOADING PLACE): Salina 111 Monroe St

TO (UNLOADING PLACE): G. Sack trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 yrd.	ton

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cogrow

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302903

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	410	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD # 181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Hinds	[illegible]	10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10 9 17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193320	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 2:27 pm	10/9/17 2:27 pm

VEHICLE	CONTAINER
FAR15840T	

REFERENCE 4302902

BILL OF LADING

SCALE IN GROSS WEIGHT 151,840 NET TONS 45.95 INBOUND
TARE OUT TARE WEIGHT 59,940 NET WEIGHT 91,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
45.95	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3194537

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Fine Sand

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	36-77	10 / 9 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): Monroe St

TO (UNLOADING PLACE): Sunk Trail

GROSS		NET OR ESTIMATED WEIGHT
TARE		Dirt

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302902

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD Truck #155

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Mike Robinson	[signature]	10-9-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-9-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE

Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER

333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193359	

WEIGHMASTER: Carol M.

DATE/TIME IN	DATE/TIME OUT
10/9/17 3:55 pm	10/9/17 3:55 pm

VEHICLE	CONTAINER
FAR17440T	

REFERENCE: 4302905

BILL OF LADING:

SCALE IN GROSS WEIGHT 142,980 NET TONS 44.54 INBOUND
TARE OUT TARE WEIGHT 53,900 NET WEIGHT 89,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
44.54	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B3200194

NAME OF CARRIER

FARMER & UNDERWOOD TRUCKING LI
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER DIRT OUT

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
149/174	3629	10 / 9 / 17

NAME OF SHIPPER: CTI 4302905

FROM (LOADING PLACE): 232 MONROE ST SALINE

TO (UNLOADING PLACE): SAUK TRAIL HILLS

GROSS		NET OR ESTIMATED WEIGHT
TARE		40YDS

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
5			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START	2	50			
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: Robert Winters

AGENT FOR SHIPPER SIGNATURE: Scott Gagnon

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

3 - DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302905

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET SALINE, MI 48176 f. Phone: 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	140	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD 174

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Robert Winnell	Robert Winnell	10-9-17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2700		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	TICKET # 1193379	CELL	
WEIGHMASTER Lori L.			
DATE/TIME IN 10/10/17 6:09 am		DATE/TIME OUT 10/10/17 6:09 am	
VEHICLE FAR18140T		CONTAINER	
REFERENCE 4302907			
BILL OF LADING			

SCALE IN GROSS WEIGHT 150,380 NET TONS 44.30
TARE CUT TARE WEIGHT 61,780 NET WEIGHT 88,600

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
44.30	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195527

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE
181	# 3629	MO. 01 DAY 18 YR. 17

NAME OF SHIPPER: CTI # 4507907

FROM (LOADING PLACE): Monroe St. Sylvania

TO (UNLOADING PLACE): Sauk trails #

GROSS		NET OR ESTIMATED WEIGHT
TARE	4 loads	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
5			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cogjove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302907

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Meade	[illegible]	10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
LAL Ives	[illegible]	10/10/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE	SITE 72	TICKET # 1193391	CELL
Sauk Trail Hills Development 734-397-2790 5011 S Lilley Road-Canton, MI 48188	WEIGHMASTER Lori L.		
CUSTOMER 333352 CTI & ASSOCIATES INC 28001 CABOT DRIVE NOVI, MI 48377 Contract:4242178859 Generator:Adjacent	DATE/TIME IN 10/10/17 6:39 am	DATE/TIME OUT 10/10/17 6:39 am	
	VEHICLE FAR15840T		CONTAINER
	REFERENCE 4302906		
	BILL OF LADING		

SCALE IN GROSS WEIGHT 154,740 NET TONS 47.40
TARE OUT TARE WEIGHT 59,940 NET WEIGHT 94,800

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
47.40	tn	SV-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3194536

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☑ OTHER Dirt out

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	36-21	10 / 9 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): Monroe 1

TO (UNLOADING PLACE): Smith 15

GROSS		NET OR ESTIMATED WEIGHT
TARE		[illegible]

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE [signature]

AGENT FOR SHIPPER SIGNATURE Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302906

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/9/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD Truck #158
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Robinson	[illegible]	10/9/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
L. ALLIES	[illegible]	10/10/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193470	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/10/17 9:12 am	10/10/17 9:12 an

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302908

BILL OF LADING

SCALE IN GROSS WEIGHT 148,840 NET TONS 43.53 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 87,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
43.53	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195526

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-3031

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3679	10/10/17

NAME OF SHIPPER: CTI # 1307908

FROM (LOADING PLACE): Monroe St Sylvania

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	10 yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302908

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/10/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: #181
FARMER & UNDERWOOD
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10/10/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
		10-10-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 01/14

RETURN TO GENERATOR

RS-F11A

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193483	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/10/17 9:31 am	10/10/17 9:31 an

VEHICLE	CONTAINER
FAR15840T	

REFERENCE 4302909

BILL OF LADING

SCALE IN GROSS WEIGHT 154,760 NET TONS 47.41 INBOUND
TARE OUT TARE WEIGHT 59,940 NET WEIGHT 94,820 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
47.41	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3194535

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20540

COMMODITY (as further described in Carrier's Rate Tariff)

☐ BIT. COLD PATCH MATL.	☐ CLAY	☐ GRAVEL	☐ SAND
☐ BLACK TOP, ETC.	☐ CONCRETE BATCH	☐ LIMESTONE	☐ SLAG
☐ BORROW MATERIAL	☐ DIRT	☐ MARL	☐ STONE
☐ CINDERS	☐ EARTH	☐ PEBBLES	☐ STONE CHIPS
☐ CONCRETE AGGREGATES	☐ FILL MATL.	☐ ROAD GRAVEL	

☑ OTHER Dirt art

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	26-29	10 / 10 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): Monroe M

TO (UNLOADING PLACE): Scott trails

GROSS		NET OR ESTIMATED WEIGHT
TARE		10 ton

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
1			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302909

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

J. Scott Cosgrove	J. Scott Cosgrove	10/10/17
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD Truck # 158
b. Phone:

Michael Johnson	[illegible]	10/10/17
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193538	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/10/17 11:35 am	10/10/17 11:35 an

VEHICLE	CONTAINER
FAR18140T	

REFERENCE 4302911

BILL OF LADING

SCALE IN GROSS WEIGHT 153,160 NET TONS 45.69 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 91,380 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
45.69	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195525

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. DAY YR.
181	3679	6/4/17

NAME OF SHIPPER: CTI # 4307911

FROM (LOADING PLACE): Monroe St. Saline

TO (UNLOADING PLACE): Sauk trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40yrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
3			

SECTION 3 (FOR HOURLY RATED HAULS)

	TIME			HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cosgrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302911

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J Scott Cosgrove	J Scott Cosgrove	10/10/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	10/10/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
[illegible]	[illegible]	10-10-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER
333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE	TICKET #	CELL
Y2	1193561	

WEIGHMASTER Carol M.

DATE/TIME IN	DATE/TIME OUT
10/10/17 12:09 pm	10/10/17 12:09 pm

VEHICLE	CONTAINER
FAR15840T	

REFERENCE 4302910

BILL OF LADING

SCALE IN GROSS WEIGHT 152,360 NET TONS 46.21 INBOUND
TARE OUT TARE WEIGHT 59,940 NET WEIGHT 92,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
46.21	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3194534

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☑ OTHER Dump Out

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	36-39	10/10/17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): Monroe St

TO (UNLOADING PLACE): South Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE		Avg

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
0			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [illegible]

AGENT FOR SHIPPER SIGNATURE: Scott Cogrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302910

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/10/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD Truck #158
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Michael Robinson	[illegible]	10/10/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
M		10-10-17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	TICKET # 1193618	CELL
WEIGHMASTER Carol M.		
DATE/TIME IN 10/10/17 2:09 pm		DATE/TIME OUT 10/10/17 2:09 pm
VEHICLE FAR18140T		CONTAINER
REFERENCE 4302912		
BILL OF LADING		

SCALE IN GROSS WEIGHT 148,540 NET TONS 43.38 INBOUND
TARE OUT TARE WEIGHT 61,780 NET WEIGHT 86,760 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
43.38	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3195524

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☐ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER C-Soil

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
181	3679	10/10/17

NAME OF SHIPPER: CTI # 4/307912

FROM (LOADING PLACE): 11 Monroe St Saline

TO (UNLOADING PLACE): Snack Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	4 Cyrds	tons

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: [signature]

AGENT FOR SHIPPER SIGNATURE: Scott Cogrove

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302912

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-654-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/10/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD #181
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2750		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

SITE
Sauk Trail Hills Development 734-397-2790
5011 S Lilley Road-Canton, MI 48188

CUSTOMER 333352
CTI & ASSOCIATES INC
28001 CABOT DRIVE
NOVI, MI 48377
Contract:4242178859
Generator:Adient

SITE Y2	TICKET # 1194284	CELL
WEIGHMASTER Lori L.		
DATE/TIME IN 10/13/17 10:27 am		DATE/TIME OUT 10/13/17 10:27 am
VEHICLE FAR15840T		CONTAINER
REFERENCE 4302913		
BILL OF LADING		

SCALE IN GROSS WEIGHT 146,260 NET TONS 43.16
TARE OUT TARE WEIGHT 59,940 NET WEIGHT 86,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
43.16	tn	SW-CONT SOIL Origin:WASHTENAW 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

LOAD AND TIME TICKET

B 3193820

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20543

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☑ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt out

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	3629	10 / 13 / 17

NAME OF SHIPPER: CTJ

FROM (LOADING PLACE): Monroe St #4302913

TO (UNLOADING PLACE): Sod Farms

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 Yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
2			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: Del Rolin

AGENT FOR SHIPPER SIGNATURE

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

4-DUPLICATE COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302913

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
J. Scott Cosgrove	J. Scott Cosgrove	10/13/17

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD 7401 Rawsonville Rd Belleville MI.
TRK # 155
b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
D. L. Robinson	[signature]	10/13/17

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
L. Allison	[signature]	10/13/17

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

1194403

LOAD AND TIME TICKET

B 3193818

NAME OF CARRIER FARMER & UNDERWOOD TRUCKING LTD.
7401 RAWSONVILLE ROAD
BELLEVILLE, MICHIGAN 48111
PHONE: (734) 485-1740 MPSC L-20549

COMMODITY (as further described in Carrier's Rate Tariff)

- ☐ BIT. COLD PATCH MATL.
- ☐ BLACK TOP, ETC.
- ☐ BORROW MATERIAL
- ☐ CINDERS
- ☐ CONCRETE AGGREGATES
- ☐ CLAY
- ☐ CONCRETE BATCH
- ☒ DIRT
- ☐ EARTH
- ☐ FILL MATL.
- ☐ GRAVEL
- ☐ LIMESTONE
- ☐ MARL
- ☐ PEBBLES
- ☐ ROAD GRAVEL
- ☐ SAND
- ☐ SLAG
- ☐ STONE
- ☐ STONE CHIPS
- ☐ OTHER Dirt out

SECTION 1

M.P.S.C. TRUCK NO.	JOB TRUCK NO.	DATE MO. / DAY / YR.
158	3629	10 / 13 / 17

NAME OF SHIPPER: CTI

FROM (LOADING PLACE): Monroe St

TO (UNLOADING PLACE): Sauk Trails

GROSS		NET OR ESTIMATED WEIGHT
TARE	40 Yds	

SEC. 2 (FOR TON-MILE RATED HAULS)

LOAD NO.	LOADED MILES	RATE	CHARGES
4			

SECTION 3 (FOR HOURLY RATED HAULS)

		TIME		HOURS	RATE	CHARGES
REGULAR	START					
	FINISH					
OVERTIME	START					
	FINISH					

SECTION 4 (FOR BOTH TON-MILE AND HOURLY HAULS)

DRIVER'S SIGNATURE: Dirk Robinson

AGENT FOR SHIPPER SIGNATURE: Scott Cooper

SEE CARRIER'S TARIFF FOR INSTRUCTIONS

LOGISTICS CONTROL COMPANY • (517) 347-0555

3-DRIVER'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4302914

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
ADIENT 232 MONROE STREET f. Phone: SALINE, MI 48176 734-854-5657	SAME g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4242 17 8859 ACCT 333352	6/30/2018	EXCAVATED SOIL	1	T	40	yds.
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

J. Scott Cosgrove	J Scott Cosgrove	10/13/17
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
FARMER & UNDERWOOD 7401 Rawsonville Rd Belleville MI
b. Phone: + KE = 158

David Robinson	David Robinson	10/13/17
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
SAUK TRAIL HILLS 5011 S. LILLEY RD. b. CANTON, MI 48188 734-397-2790		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'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.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both