Proprietary and Confidential

Limited Phase II Environmental Site Assessment

Former Romeo Marathon Retail Gasoline Station
209 South Main Street
Romeo, Michigan 48066

Yeoman Group Project No.: 13-20472
prepared for:

Talmer Bank and Trust

(248) 349-8363 Office
www.yeomangroup.net

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Yeoman Group Project No.: 13-20472

PREPARED FOR:

Talmer Bank and Trust

PREPARED BY:

Yeoman Group
200 North Center Street
Northville, Michigan 48167

Roy Gantt, P.G.
Project Geologist

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Yeoman Group completed a limited Phase II Environmental Site Assessment (ESA) for the Study Property identified as the Romeo Village Marathon Retail Gasoline Station, located at 209 South Main Street, Romeo, Michigan 48066. The scope of services was provided in general conformance with Yeoman Group Proposal 13-20472, authorized February 13, 2013.

This limited Phase II ESA was performed for purposes of satisfying the due diligence qualification requirements for landowner liability defenses to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as defined in 42 USC 9601 (35)(B) and Michigan laws. Additionally, this assessment provides site specific evidence of the Study Property's status under Part 213 and 201 of the Michigan Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994, as amended, as defined in Section 324.20120a(1).

A Phase I Environmental Site Assessment (ESA), prepared by Associated Environmental Services, LLC (AES), titled: *Report of a Phase I Environmental Site Assessment; Romeo Village Marathon Site, 209 South Main Street, Romeo, Macomb County, Michigan, May 27, 2011*; Associated Environmental Services, LLC, recommended that additional site investigation activities be performed to rule out *recognized environmental conditions* and evaluate historical *recognized environmental conditions*. AES's recommendations included:

- Review of all underground storage tank (UST) records available;
- Complete UST tightness tests on all four UST systems on the Study Property;
- Evaluate for the presence of orphan USTs and piping with ground penetrating radar ((GPR) or other non intrusive methods);
- Evaluate for compliance with State of Michigan regulations and requirements for UST systems, including financial assurance mechanisms; and,
- Complete a limited Phase II subsurface ESA to determine the absence or presence and concentration of soil and or groundwater contamination at the Study Property.

Yeoman Group was retained to perform this limited Phase II ESA to attempt to address AES's recommendations. The GPR Investigation concluded that there is not a septic system located on the Study Property, and the steel pipes running vertically along the outer eastern wall either terminate or trend beneath the buildings concrete slab floor, and do not lead to a tank or other structure. The GPR investigation also concluded that a hoist system was not discovered in the former service bay located at the northern portion of the interior of the building. Review of DEQ UST documentation and the GPR investigation determined that an orphan UST does not appear to be located on the Study Property.

One 55-gallon drum was present on the Study Property. The drum did not contain any material.

Since the drum was empty, it was properly disposed under Resource Conservation and Recovery Act (RCRA) regulations, based on unknown historical use. No other 55 gallon drums were apparent at the Study Property.

Yeoman Group evaluated the UST system for State and Federal compliance considerations. Documentation obtained from the Michigan Department of Environmental Quality (DEQ), indicates that the UST system was inspected several times, most recently in November, 2007. Numerous violations were documented historically by DEQ staff. The DEQ confirmed in November, 2007, that all violations of the 1998 requirements for USTs pursuant to the Natural Resources and Environmental Protection Act, 1994 PA451, the Michigan Underground Storage Tank Rules (MUSTR), 1999 ACS R29.201 and the applicable section of the rules of Storage and Handling of Flammable and Combustible Liquids, 2003, AACS R 29.5101, were resolved, except for the UST system line and tank precision tests on each of the four UST systems, and fill and drop tube installation on the diesel and kerosene USTs. Service Station and Installation, the UST contractor in 2007, was contracted to perform an internal inspection of the USTs at that time, which was approved by DEQ.

Yeoman Group contracted Tanknology, Inc. (Tanknology), of Austin, Texas, to assess the UST system. The precision vent and tank tightness tests concluded that water was not infiltrating into any of the four the USTs, and each of the four USTs and their vent lines passed the two plus hour pressure test. All dispensers appear intact, and do not appear to be physically damaged. However, the dispensers could not be fully evaluated without running product through the system, and the USTs were empty at the time of assessment.

The soil lithology beneath the surface materials consists generally of poorly graded sand followed by well graded sand and silt seams. Silty clay soils were present beneath the sands and silts from approximately fourteen to sixteen feet bgs to the terminal depth of the deepest borings, which were 20 feet below ground surface (bgs).

Thirteen soil samples were submitted for the presence of VOCs, PNAs, PCBs, cadmium, chromium and lead. Review of the soil sample chemical analysis data revealed the presence of cadmium, chromium and lead in excess of their respective method detection limit (MDL). However, chromium concentrations consisted of only trivalent chromium (Chromium III). Hexavalent chromium (Chromium VI) was not detected in excess of its MDL. Concentrations of VOCs, PNAs and PCBs did not exceed their respective MDL from any soil sample submitted.

One water sample was collected from a temporary monitor well at YGP-9. The water sample was submitted for VOC, PNA, PCB, lead, cadmium and total chromium analysis. Analytical results indicated that PNAs, PCBs, cadmium, chromium and lead were not present in excess of their respective MDLs, and that only tetrachloroethylene, toluene and trichloroethylene were present at concentrations in excess of their respective MDLs.

Trichloroethylene was detected at a concentration of 3.4 parts per billion (ppb), and the most stringent cleanup criteria and RBSL is Drinking Water at 5.0 ppb.

Toluene was detected at a concentration of 2.9 ppb, and the most stringent cleanup criteria and RBSL is Groundwater Surface Water Interface at 270 ppb.

Tetrachloroethylene was detected at a concentration of 20 ppb, and the most stringent cleanup criteria and RBSL is Drinking Water at 5.0 ppb. The concentration of tetrachloroethylene at YGP-9 in water, at a depth of 13.5 feet bgs, exceeds the Drinking Water criteria and RBSL. As a

result, the elevated concentration tetrachloroethylene in excess of the residential Drinking Water criteria and RBSL, makes the Study Property a "*facility*" under the provisions of the Michigan Natural Resources Environmental Protection Act (NREPA).

The concentration of tetrachloroethylene is most likely due to improper disposal of parts cleaning fluids, and not from a release of product from the UST system, and should be managed under Part 201 and not Part 213, because a release of product from the UST system can not be confirmed, and two of the chemicals, tetrachloroethylene and trichloroethylene are associated with solvents and not gasoline or fuel related products, that would have been stored in the USTs.

Yeoman Group recommends that a baseline environmental assessment (BEA) be completed prior to 45 days from the date of ownership or first occupancy of the Study Property, by a new entity. A Due Care plan is also recommended. The Due Care plan would be developed with the goal of protecting human health from exposure to the elevated concentration of tetrachloroethylene in groundwater at the Study Property. Pursuant to section 20107a of 1994 PA 451 provides that an owner of the property that is a "facility" must do all of the following:

> (a) Undertake measures as are necessary to prevent exacerbation of the existing contamination;
>
> (b) Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety;
>
> (c) Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that foreseeably could result from those acts or omissions;
>
> (d) Provide reasonable cooperation, assistance, and access to the persons that are authorized to conduct response activities at the facility, including
> the cooperation and access necessary for the installation, integrity, operation, and maintenance of any complete or partial response activity at the facility;
>
> (e) Comply with land use or resource use restrictions; and,
>
> (f) Not impede the effectiveness or integrity of land use or resource use restrictions.

1.0 INTRODUCTION

On February 19, 2013, Talmer Bank and Trust, retained Yeoman Group to complete a limited Phase II Environmental Site Assessment (ESA) of the former Romeo Village Marathon retail gasoline station, located at 209 South Main Street, Romeo, Macomb County, Michigan 48066 (the Study Property). Refer to **enclosure** (1), Site Location and Aerial Map.

1.1 Purpose

This Phase II ESA was performed for purposes of investigating those *recognized environmental conditions* (RECs) identified in previous assessments to satisfy the due diligence qualification requirements for landowner liability defenses to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as defined in 42 USC 9601 (35)(B). Additionally, this assessment provides evidence of the Study Property's status under Part 201 and Part 213 of the Michigan Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994, as amended, as defined in Section 324.20120a(1).

A Phase I Environmental Site Assessment (ESA), prepared by Associated Environmental Services, LLC (AES), titled: *Report of a Phase I Environmental Site Assessment; Romeo Village Marathon Site, 209 South Main Street, Romeo, Macomb County, Michigan, May 27, 2011*;, recommended that additional site investigation activities be performed to rule out *recognized environmental conditions* and evaluate historical *recognized environmental conditions*. AES's recommendations included:

- Review of all underground storage tank (UST) records available;
- Complete UST tightness tests on all four UST systems on the Study Property;
- Evaluate for the presence of orphan USTs and piping with ground penetrating radar (GPR) (or other non intrusive methods);
- Evaluate for compliance with State of Michigan regulations and requirements for UST systems, including financial assurance mechanisms; and,
- Complete a limited Phase II subsurface ESA to determine the absence or presence and concentration of soil and or groundwater contamination at the Study Property.

1.2 Objective

The objective of this Phase II ESA study was to address the above-noted *recognized environmental conditions,* to establish an information base for assessing the likelihood of contamination at the Study Property and to gather information concerning the Study Property's current environmental and regulatory status to assist the lender and a prospective purchaser in making sound business decisions regarding the Study Property. The following report summarizes Yeoman Group's evaluations and conclusions based upon our site assessment investigation, field activities and analytical results.

1.3 Scope of Work

In order to evaluate the *recognized environmental conditions* identified in previous site assessments at the Study Property, Yeoman Group completed the following:

1) Yeoman Group's subsurface investigation consisted of completing eight soil borings to 16 feet below ground surface (bgs), four soil borings to 20 feet bgs and one hand auger boring to 5 feet bgs.
    a. Yeoman Group field-screened soils continuously from grade to terminal depth with a photoionization detector and characterized the soils by recording visual and olfactory observations;
    b. One temporary monitor well was developed and trapped water sampled;
    c. Once field-screening and sample preservation were completed, Yeoman Group selected and submitted a total of fourteen soil samples and one water sample to an analytical laboratory for testing for the presence of volatile organic compounds (VOCs); polynuclear aromatics (PNAs), lead, cadmium, trivalent chromium, hexavalent chromium, and polychlorinated biphenyls (PCBs), as appropriate.
    d. Following receipt of the laboratory reports, Yeoman Group reviewed the analytical data and compared the results to the NREPA, 1994 P.A. 451, Part 201, as amended, Generic Residential Cleanup Criteria as applicable to the migration pathways of concern at the Study Property.
2) Yeoman Group conducted a ground penetrating radar (GPR) investigation at the Study Property. The scope of the GPR investigation was to determine if any orphan underground storage tanks (USTs) were present on the Study Property and if components of a possible historical septic system were present on the eastern one-third of the Study Property. Additionally, the northern one-third of the interior of the building was scanned to determine if an in-ground hoist, associated with former automobile service operations, was present beneath the tile surfaced floor.
3) Yeoman Group oversaw tank tightness testing on each of the four USTs and vent lines located on the Study Property.
4) Yeoman Group reviewed the UST system against current regulations to determine compliance.

1.4 Limitations

Yeoman Group has performed these professional services in accordance with customary principles and practices in the area of environmental science and engineering.

The conclusions of this report are based solely upon observations made during this evaluation. Yeoman Group's opinions should not be construed as relating to health and safety issues, directly. Should additional information become available, this information should be reviewed by Yeoman Group and the conclusions herein modified, as

appropriate. Negative findings in this report cannot be interpreted as a warranty, expressed or implied, that no contamination exists at the Study Property, and Yeoman Group cannot be held liable for damages if contamination of some type is discovered in the future.

This report should not be considered as a recommendation to purchase, sell or develop the Study Property, and the opinions contained herein are not legal opinions. To evaluate the information contained in this report, the reader must understand the limitations associated with this assessment. Specifically, the services included in this project have been performed in accordance with the Scope of Services and the contract negotiated between Talmer Bank and Trust and Yeoman Group. Reliance on this report by a party other than the client shall be at the party's sole risk unless that party has written authorization from Yeoman Group to use this document. The purpose of this restriction is to attempt to protect the interest of parties for whom the report may not be appropriately directed.

2.0 SITE AND AREA CHARACTERISTICS

2.1 Site Characteristics and Infrastructure

The Study Property consists of an approximately three-quarter acre parcel located east adjacent to South Main Street, in Romeo, Michigan. One 1,769 square foot single story retail building, without a basement, is located at the western one-third of the Study Property. All municipal utilities are present at the Study Property. However, no storm drains are located on the Study Property. Refer to **enclosure** (2), Site Map.

2.2 Site and Area Physical Setting Information

The Study Property is located south of Romeo's Central Business District, in a primarily residential area. The Study Property is bordered by retail businesses, apartments and single family residential homes.

The topography of the Study Property is flat from North Main Street east to an area just behind (east) of the Study Property building, and then the topography slopes sharply east approximately ten feet to the eastern Study Property boundary.

3.0 SITE INVESTIGATION ACTIVITIES

The following sections outline the investigation conducted at the Study Property.

3.1 Underground Utility Clearances

Prior to initiating the subsurface investigation at the Study Property, Miss Dig was contacted to identify underground utilities in the area of investigation. The utilities were marked and cleared under the Miss Dig ticket number A30590297.

Based on site drawings and utility clearance markings, natural gas is brought in from South Main Street, along the northern portion of the Study Property, and enters the building along the northern wall. Municipal water enters the Study Property building from South Main Street, near the central portion of the front of the building, near the primary access door. Sanitary sewer runs from South Main Street beneath the southwest corner of the building. All sewer drains and floor drains discharge into the municipal sewer system. No storm drains are present on the Study Property, and the storm water drainage system is separate from the sanitary sewer system in the area of Romeo, Michigan.

3.2 Ground Penetrating Radar Investigation

Yeoman Group contracted with Fibertec Environmental Services (Fibertec) to perform a GPR investigation. The scope of the GPR investigation was to determine if any orphan USTs were present on the Study Property and if components of a possible historical septic system were present on the eastern two-thirds of the Study Property. Additionally, the northern one-third of the interior of the building was scanned to determine if an in-ground hoist, associated with former automobile service operations, was present beneath the tile surface floor.

Fibretec utilized a Geophysical Survey Systems, Inc., (GSSI) Utility Scan™ GPR unit coupled to a 500 megahertz (MHz) antenna to collect the data scans. The study area was sectioned into three-foot grid spacing to maximize radar coverage.

Results of the GPR investigation determined the following:

- Subsurface anomalies or features typical of a hoist system were not present at the northern one-third of the interior of the building. This area was the former automobile service bay, with the service entrance still visible on the west side of the building.

- The exterior GPR investigation did not reveal the presence of structures typical of USTs or piping, other than those associated with the four known, operational USTs and their components, including piping and wiring. The USTs, product piping, vent piping and electrical conduit observed in the GPR scans was outlined in paint on the Study Property surface area.

- The GPR was also used to trace the path of two steel pipes running vertically along the eastern outside wall of the building. The GPR scans indicate that the two pipes terminate or turn beneath the building, but do not run beneath the ground and do not appear to be associated with orphan USTs, or any other structures outside the building footprint.

- The undeveloped area east of the Study Property building, and continuing to the eastern Study Property boundary was evaluated for targets including piping and structures associated with septic systems. The GPR investigation did not reveal

the presence of a drain field, transfer or leachate infiltration piping, septic tanks, or dry wells which would have been associated with a former septic system. Additionally, no piping was observed to be leading from the Study Property building to the undeveloped eastern portion of the Study Property, based on the GPR evaluation.

3.3 Underground Storage Tank Evaluation

The Study Property has been a retail gasoline station since the mid-1960's. There are four USTs located on the Study Property, in two locations. Two original USTs installed in 1966, and one UST installed in 1980, are located beneath the canopy between two dispenser islands. The 1980 UST has a capacity of 6,000 gallons and contained gasoline. One of the 1966 USTs has a capacity of 6,000 and contained kerosene, and one has a capacity of 6,000 gallons and contained diesel fuel. These three USTs are constructed of steel and are lined. The piping is upgraded double wall plastic and fiberglass.

One UST, installed in 1980, has a capacity of 10,000 gallons and is located south of the Study Property building. The UST, which contained gasoline, is listed as lined and has double wall fiberglass and plastic piping.

The UST system is connected to a VeederRoot™ (VeederRoot) TLS-350R UST monitoring system. The VeederRoot has the capability of continuous inventory monitoring, leak detection (0.1 gallons per hour), line leak detection, and water level indication. The VeederRoot also continuously records the UST system status and notifies via an alarm if the UST system has been compromised by leakage within the parameters or due to water infiltration.

Documentation obtained from the Michigan Department of Environmental Quality (DEQ), states indicates that the UST system was inspected several times, most recently in November, 2007. Numerous violations were documented by DEQ staff from 1998 through 2007. DEQ confirmed in November, 2007, that all violations of the 1998 requirements for USTs pursuant to the Natural Resources and Environmental Protection Act, 1994 PA451, the Michigan Underground Storage Tank Rules (MUSTR), 1999 ACS R29.201 and the applicable section of the rules of Storage and Handling of Flammable and Combustible Liquids, 2003, AACS R 29.5101, were resolved, except for the UST system line and tank precision tests on all four UST systems, fill and drop tube installation on the diesel and kerosene USTs, and registration, insurance documentation.

Service Station and Installation did perform an internal inspection of the USTs in 2007, which was approved by DEQ on November 29, 2007. Refer to **enclosure** (3), UST Test Results and Documentation.

Yeoman Group contracted Tanknology, Inc. (Tanknology), of Austin, Texas, to inspect the UST system. The precision vent and tank tightness tests concluded that water was not infiltrating into the UST system, and each of the four USTs and vent lines passed the two plus hour pressure test, pursuant to 40 CFR parts 280 and 281, as documented on the

Testing and Inspection certificate located in enclosure (3), UST Test Results and Documentation. All dispensers are intact, and do not appear to be physically damaged. However, the dispensers could not be fully evaluated without running product through the system, and USTs were empty at the time.

3.4 Orphan Drum Evaluation and Disposal

A rusted 55-gallon capacity drum was located outside of the eastern wall of the Study Property building. The 55-gallon drum appeared empty of contents; however a lid was on the drum, limiting visual evaluation.

Yeoman Group contracted US Industrial, Inc., of Livonia, Michigan, to evaluate the drum and its contents, and then dispose in accordance with Resource Conservation and Recovery Act (RCRA) regulations. US Industrial accessed the drum and determined that there was no product or other contents in the drum, and disposed the drum as a RCRA "empty drum", under a Straight Bill of Lading. Refer to **enclosure** (4) Drum Disposal Documentation.

4.0 SUBSURFACE EVALUATION

4.1 Soil Borings

Yeoman Group utilized the "biased sampling" approach when collecting soil and groundwater samples. This approach calls for the collection of samples in those areas suspected of impact by chemicals, based on professional judgment and site specific knowledge. The soil sampling strategy incorporated the conditions noted in Table I below to develop the sampling strategy as well as consideration of preferential migration pathways as determined by soil types and groundwater characteristics.

A track mounted hydraulic probing rig provided by Fibertec was used to perform twelve borings by direct push methodology using 5-foot sampling cylinders containing an acetate sampling liner. One boring was performed with a hand auger.

4.2 Subsurface Investigation Summary

Yeoman Group coordinated the completion of 13 soil borings, designated Yeoman Geoprobe (YGP)-1 through YGP-12, and Yeoman Hand Auger (YHA)-1. Refer to **enclosure** (5) for a plan of the soil boring locations.

Table I
Sample Locations Summary

Boring I.D.	Sample Depth (in feet)	Location of Soil Boring	*Evaluated RECs*
YGP-1	3.0	North of the Study Property building outside wall	*North of the former service bay and in a location where drums and auto parts may have been stored*
YGP-2	3.4	Near the northwest corner of the Study Property building	*Northwest of the former service bay in a location where vehicles would have previously been serviced*
YGP-3	1.5	North of the dispenser islands and west of the station building	*UST product storage and dispensing*
YGP-4	3.5	West of the western dispenser, near former release of product, which was "closed:	*UST product storage and dispensing, and former are where a release of product was remediated*
YGP-5	4.0 /17.5	South of the dispenser islands and west of the station building	*UST product storage and dispensing*
YGP-6	12.0	Southwest corner of the 10,000 gallon UST tank cavity	*UST product storage and dispensing*
YGP-7	6.0	Southeast corner of the 10,000 gallon UST tank cavity	*UST product storage and dispensing*
YGP-8	12.5	Grass area east and down gradient of the 10,000 gallon UST	*Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system*
YGP-9 and temporary monitor well	4.0	Grass area east and down gradient of the retail station building	*Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system*
YGP-10	14.0	Grass area east and down gradient of the retail station building	*Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system*
YGP-11	10.5	Grass area east and down gradient of the retail station building	*Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system*
YGP-12	14.0	Grass area east and down gradient of the retail station building	*Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system*
YHA-1	*4.0*	Near the north corner of the UST tank cavity	*Possible compromise of the UST system and spill from operations*

Yeoman Group field-screened the soils retrieved within each acetate sampling liner and auger bucket with a photoionization detector and characterized the soils by recording visual and olfactory observations. Soil samples demonstrating the highest photoionization detector reading or soils at lithology transitions or UST excavation interfaces were selected for analysis. Soil boring logs are presented in **enclosure** (6).

The soil samples were evaluated based on field observations pursuant to the Unified Soil Classification System (USCS) and ASTM D2488-06, Standard Practice of Description and Identification of Soils (Visual-Manual Procedure). All samples were appropriately preserved in the field in accordance with DEQ requirements. All samples were maintained on ice under chain-of-custody control until receipt by the laboratory.

4.3 Site Lithology

The areas of the site not covered with a building were either surfaced with concrete, asphalt or soil. The area east of the eastern building wall to the eastern Study Property boundary was covered with soil and vegetation. The upper one-half to one-foot of soil consisted of black organic topsoil. The areas surfaced with concrete or asphalt had a typical surface thickness of two to four inches of ether asphalt or concrete and the sub-base material is typical engineered fill such as 22A from one to two feet thick.

Soils beneath the surface materials consisted generally of poorly graded sand followed by well graded sand and silt seams. Silty clay soils were present beneath the sands and silts from approximately fourteen to sixteen feet bgs to the terminal depth of the deepest borings, which were 20 feet bgs. The clay soils were encountered at the eastern portion of the Study Property, which has a surface elevation approximately 10 feet lower than the western “occupied” area of the Study Property.

The moisture content in all soils collected from twelve soil borings was dry to moist; however, groundwater was discovered in YGP-9 at a depth of 13.5 feet during drilling. This depth was approximately 23.5 feet below the surface of the western “active” area, where the building, USTs, driveway, and dispensers are located.

4.4 Groundwater and Temporary Monitor Wells

Water was only discovered at YGP-9, at 13.5 feet bgs. The remaining soil borings did not generate groundwater. YGP-9 was converted into a temporary monitor well. The monitor well was constructed of one-inch diameter PVC casing and screen. The monitor well was constructed with a five-foot screen set to bisect the groundwater surface. The temporary monitor well was set between 11 and 16 feet to bisect the groundwater, which was initially observed at 13.5 feet bgs. Yeoman Group evaluated the volume of water available by purging water in the well with a peristaltic pump. Water recovery could not be maintained at a high volume discharge, but a continuous flow was maintained at a very low discharge. A groundwater sample was collected from YGP-9.

5.0 RELEVANT CONTAMINANT TRANSPORT AND EXPOSURE PATHWAYS AND APPLICABLE CLEANUP CRITERIA

5.1 Relevant Transport and Exposure Pathways

Chemicals may be a threat to humans and other receptors if the concentration of the chemical in the soil or groundwater has a relevant exposure or transport mechanism present that will allow the chemical to reach a human or other receptor through an exposure pathway. Soil and groundwater each have their unique exposure and transport mechanisms, including:

Transport Mechanisms for Soil

- Volatilization to Indoor Air,
- Volatilization to Ambient Air,
- Particulate Emission or Dispersion,
- Direct Transport to Surface Water; and
- Leaching to Groundwater, which includes;
  - Groundwater Interface (GSI) Protection Pathway,
  - Groundwater Contact Protection, and
  - Drinking Water Protection.

Other Exposure Mechanisms for Soil

- Direct Contact (ingestion, dermal contact)

Transport Mechanisms for Groundwater

- Groundwater Transport (Drinking Water Pathway),
- Groundwater to Surface Water Transport (GSI), and
- Groundwater Volatilization to Indoor Air.

Other Exposure Mechanisms for Groundwater

- Dermal Contact

Yeoman Group evaluated the soil and groundwater transport and exposure mechanisms to determine which mechanisms were relevant and which were not. The following table discusses Yeoman Group's transport evaluation.

TABLE II
TRANSPORT AND EXPOSURE MECHANISMS

SOIL TRANSPORT AND EXPOSURE MECHANISMS		
Transport Mechanism and Pathway	**Relevant Mechanism?**	**Reason**
Direct Contact	**Yes**	There are no restrictions on the Study Property, and the soils are accessible.
Volatilization to Indoor Air	**Yes**	There is a direct vapor pathway to buildings.
Volatilization to Ambient Air	**Yes**	There are no restrictions on the Study Property, and there is a vapor pathway to ambient air
Particulate Emission or Dispersion	**Yes**	If vegetative cover or paving were removed, particulate emission and dispersion is possible
Direct Transport to Surface water	**Yes**	Although direct transport to surface water is not likely, additional evaluation and possible land use restrictions are required to rule out the transport mechanism and pathway.
Leaching to Groundwater	**Yes**	Based on soil types and without additional evaluation, it is likely that chemicals in soil do have the ability to leach into groundwater.
GSI Protection	**Yes**	There are no restrictions on the Study Property to limit groundwater migration, and there is the potential for any chemicals that leach into groundwater to migrate to surface waters of the State.
Groundwater Contact Protection	**Yes**	There are no restrictions on the Study Property, and utility workers may encounter groundwater
Drinking Water Protection	**Yes**	There are no restrictions on the Study Property or areas that may be within the contaminate capture zone, which would forbid the use of water wells, or the consumption of groundwater.

GROUNDWATER TRANSPORT AND EXPOSURE MECHANISMS		
Transport Mechanism and Pathway	**Is transport Mechanism Relevant?**	**Reason**
Drinking Water Ingestion Pathway	**Yes**	Tetrachloroethylene was detected in groundwater, and there does not appear to be any land use restriction on the Study Property.
GSI Transport	**Yes**	Tetrachloroethylene was detected in groundwater and there is insufficient information to rule out GSI Transport at this time.
Groundwater Volatilization to Indoor Air	**Yes**	Tetrachloroethylene was detected in groundwater and transport to indoor air is possible.
Groundwater Dermal Contact	**Yes**	Tetrachloroethylene was detected in groundwater and human exposure is possible.

5.2 Applicable Cleanup Criteria

Although this is commercial property, for purposes of determining whether is property is a "facility" as that term is defined by law, comparison to generic residential cleanup criteria is appropriate. Based on the identification of the relevant exposure pathways, Yeoman Group further identified that all of the 1994 PA 451, Part 201 Generic Residential Cleanup Criteria to be applicable.

6.0 LABORATORY ANALYSES

The laboratory was requested to test the selected soil samples for the chemicals listed in the following table.

Table III
Soil Analyses Requested

Boring I.D.	Sample Depth (ft)	Evaluated RECs	*Chemical Tests*
YGP-1	3.0	North of the former service bay and in a location where drums and auto parts may have been stored	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Hexavalent Chromium, Lead*
YGP-2	3.4	Northwest of the former service bay in a location where vehicles would have previously been serviced	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-3	1.5	UST product storage and dispensing	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-4	3.5	UST product storage and dispensing, and former are where a release of product was remediated	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Hexavalent Chromium, Lead*
YGP-5	4.0	UST product storage and dispensing	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-5	17.5	UST product storage and dispensing	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Hexavalent Chromium, Lead*
YGP-6	12.0	UST product storage and dispensing	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-7	6.0	UST product storage and dispensing	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-8	12.5	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-9	4.0	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-10	14.0	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YGP-11	10.5	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*

Boring I.D.	Sample Depth (ft)	Evaluated RECs	*Chemical Tests*
YGP-12	14.0	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*
YHA-1	*4.0*	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*

VOC = Volatile Organic Compounds
PNA = polynuclear Aromatic Hydrocarbons
PCB = Polychlorinated Biphenyl

The laboratory was requested to test the selected water samples for the chemicals listed in the following table.

Table IV
Water Analyses Requested

Boring I.D.	Screen Interval (ft)	Evaluated RECs	*Chemical Tests*
YGP-9	*11-16*	Possible historical dumping of regulated liquids and migration of product from a possible compromise of the UST system	*VOCs, PNAs, PCBs, Cadmium, total Chromium, Lead*

Tabled laboratory results are found in enclosure (7) and full data are found at **enclosure** (8). Chemical concentrations in excess of laboratory method detection limits are noted on a chemical concentration map found at enclosure (5).

6.1 Comparison of Soil Analytical Results to Applicable Clean up Criteria

Conclusive data comparisons to the criteria presented in the tables at **enclosure** (7) assume full site and source characterization, as the cleanup criteria represent maximum allowable levels. However, full site characterization/delineation was beyond the scope of work. Review of the soil sample chemical analysis data revealed the presence of several chemicals of concern, however, only the following compounds were noted at concentrations that exceed the applicable generic MDEQ Part 201 Direct Contact Cleanup Criteria & RBSLs. The most stringent applicable cleanup criteria are listed.

Table V
Comparison of Soil Results to Applicable Cleanup Criteria

Chemical	Highest contamination level (ppb)/Sample Location	Most Stringent Cleanup Criterion	Cleanup Criterion Concentration (ppb)
Cadmium	208 ppb	Drinking Water Protection	6,000
Total Chromium	11,000	Particulate Soil Inhalation	330,000,000
Lead	YGP-2 (3.4 ft bgs) 78,000	Direct Contact	400,000

6.2 Comparison of Groundwater Analytical Results to Cleanup Criteria

Review of the groundwater sample chemical analysis data revealed the presence of several chemicals of concern, however, only the following compounds were noted at concentrations that exceed applicable generic MDEQ Part 201 Direct Contact Cleanup Criteria & RBSLs. Only the most stringent applicable cleanup criteria are listed.

Table VI

Comparison of Water Results to Applicable Cleanup Criteria

Chemical	Highest contamination level (ppb)/Sample Location	Most Stringent Cleanup Criterion	Cleanup Criterion Concentration (ppb)
Tetrachloroethylene	YGP-9 (screen 11-16 ft bgs) 20 ppb	Drinking Water	**5.0**
Toluene	YGP-9 (screen 11-16 ft bgs) 2.9 ppb	GSI	270
Trichloroethylene	YGP-9 (screen 11-16 ft bgs) 3.4 ppb	Drinking Water	5.0

Bold **red** = chemical of concern is present in excess of the most stringent clean up criterion

7.0 DISCUSSION AND CONCLUSIONS

Yeoman Group was retained to perform this limited Phase II ESA to attempt to address AES's recommendations. The GPR Investigation concluded that there is not a septic system located on the Study Property, and the steel pipes running vertically along the outer eastern wall either terminate or trend beneath the buildings concrete slab floor, and do not lead to a tank or other structure. The GPR investigation also concluded that a hoist system was not discovered in the former service bay located at the northern portion of the interior of the building. Review of DEQ UST documentation and the GPR investigation determined that an orphan UST does not appear to be located on the Study Property.

One 55-gallon drum was present on the Study Property. The drum did not contain any material. Since the drum was empty, it was properly disposed under Resource Conservation and Recovery Act (RCRA) regulations, based on unknown historical use. No other 55 gallon drums were apparent at the Study Property.

Yeoman Group evaluated the UST system for State and Federal compliance considerations. Documentation obtained from the Michigan Department of Environmental Quality (DEQ), indicates that the UST system was inspected several times, most recently in November, 2007. Numerous violations were documented historically by DEQ staff. DEQ confirmed in November, 2007, that all violations of the 1998 requirements for USTs pursuant to the Natural Resources and Environmental Protection Act, 1994 PA451, the Michigan Underground Storage Tank Rules (MUSTR), 1999 ACS R29.201 and the applicable section of the rules of Storage and Handling of Flammable and Combustible Liquids, 2003, AACS R 29.5101, were resolved, except for the UST system line and tank precision tests on each of the four UST systems, and fill and drop tube installation on the diesel and kerosene USTs. Service Station and Installation, the UST contractor in 2007, was contracted to perform an internal inspection of the USTs at that time, which was approved by DEQ.

Yeoman Group contracted Tanknology, Inc. (Tanknology), of Austin, Texas, to assess the UST system. The precision vent and tank tightness tests concluded that water was not infiltrating into any of the four the USTs, and each of the four USTs and their vent lines passed the two plus hour pressure test. All dispensers appear intact, and do not appear to be physically damaged. However, the dispensers could not be fully evaluated without running product through the system, and the USTs were empty at the time of assessment.

The soil lithology beneath the surface materials consists generally of poorly graded sand followed by well graded sand and silt seams. Silty clay soils were present beneath the sands and silts from approximately fourteen to sixteen feet bags to the terminal depth of the deepest borings, which were 20 feet below ground surface (bags).

Thirteen soil samples were submitted for the presence of VOCs, PNAs, PCBs, cadmium, chromium and lead. Review of the soil sample chemical analysis data revealed the presence of cadmium, chromium and lead in excess of their respective method detection limit (MDL). However, chromium concentrations consisted of only trivalent chromium (Chromium III).

Hexavalent chromium (Chromium VI) was not detected in excess of its MDL. Concentrations of VOCs, PNAs and PCBs did not exceed their respective MDL from any soil sample submitted.

One water sample was collected from a temporary monitor well at YGP-9. The water sample was submitted for VOC, PNA, PCB, lead, cadmium and total chromium analysis. Analytical results indicated that cadmium, chromium and lead were not present in excess of their respective MDLs, and that only tetrachloroethylene, toluene and trichloroethylene were present at concentrations in excess of their respective MDLs.

Trichloroethylene was detected at a concentration of 3.4 parts per billion (ppb), and the most stringent cleanup criteria and RBSL is Drinking Water at 5.0 ppb.

Toluene was detected at a concentration of 2.9 ppb, and the most stringent cleanup criteria and RBSL is Groundwater Surface Water Interface at 270 ppb.

Tetrachloroethylene was detected at a concentration of 20 ppb, and the most stringent cleanup criteria and RBSL is Drinking Water at 5.0 ppb. The concentration of tetrachloroethylene at YGP-9 in water, at a depth of 13.5 feet bgs, exceeds the Drinking Water criteria and RBSL. As a result, the elevated concentration tetrachloroethylene in excess of the residential Drinking Water criteria and RBSL, makes the Study Property a "*facility*" under the provisions of the Michigan Natural Resources Environmental Protection Act (NREPA).

The concentration of tetrachloroethylene is most likely due to improper disposal of parts cleaning fluids, and not from a release of product from the UST system, and should be managed under Part 201 rather than Part 213, because a release of product from the UST system can not be confirmed, and two of the chemicals, tetrachloroethylene and trichloroethylene are associated with solvents and not gasoline or fuel related products, that would have been stored in the USTs.

Yeoman Group recommends that a baseline environmental assessment (BEA) be completed prior to 45 days from the date of ownership or first occupancy of the Study Property, by a new entity. A Due Care plan is also recommended. The Due Care plan would be developed with the goal of protecting human health from exposure to the elevated concentration of tetrachloroethylene in groundwater at the Study Property. Pursuant to section 20107a of 1994 PA 451 provides that an owner of the property that is a "facility" must do all of the following:

> (a) Undertake measures as are necessary to prevent exacerbation of the existing contamination;
>
> (b) Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety;
>
> (c) Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that foreseeably could result from those acts or omissions;

(d) Provide reasonable cooperation, assistance, and access to the persons that are authorized to conduct response activities at the facility, including
the cooperation and access necessary for the installation, integrity, operation, and maintenance of any complete or partial response activity at the facility;

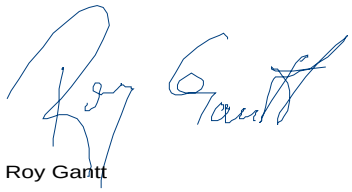
(e) Comply with land use or resource use restrictions; and,

(f) Not impede the effectiveness or integrity of land use or resource use restrictions.

8.0 SIGNATURE OF THE ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I met the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR part 312.

Yeoman Group



Roy Gantt, P.G.

Project Geologist

9.0 QUALIFICATION OF PROFESSIONAL

See **enclosure** (9).

Enclosure 1

Site Location and Aerial Maps

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(Boundaries are Approximate)

SITE LOCATION AND AERIAL MAP

209 South Main Street
Romeo, Michigan

Project: 13-20472
Source: Bing.com

YEOMAN GROUP

Enclosure 2

Site Map

Return to Enclosure Page

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LEGEND

STUDY PROPERTY BOUNDARY

PARTS PER BILLION — PPB

TANK

PUMP ISLAND

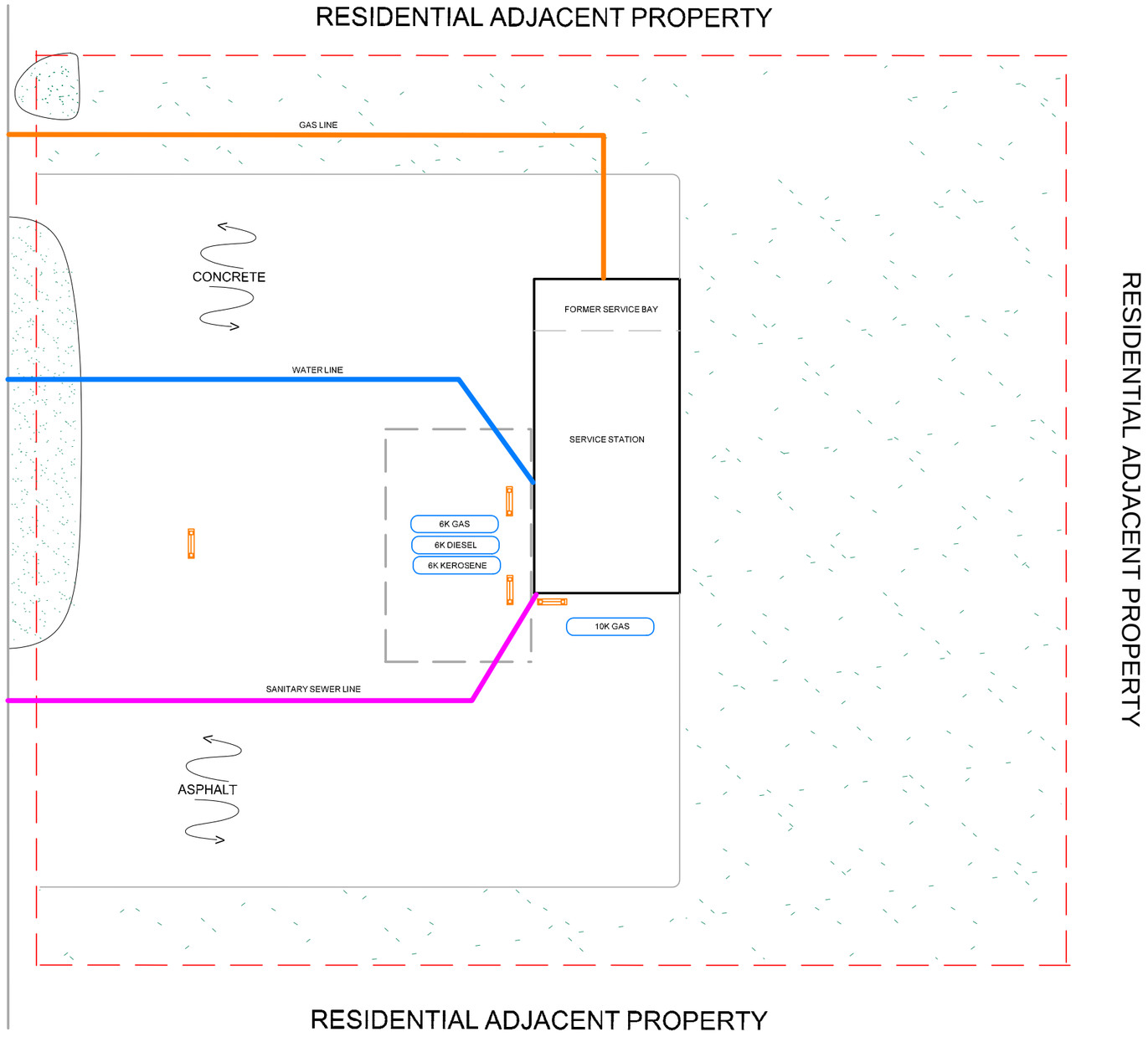
SCALE

0 10 20

1 inch ~ 30 feet

(IF THIS BAR DOES NOT MEASURE 1 INCH
ON YOUR PAGE, THE SCALE PRESENTATION IS DISTORTED)

SOUTH MAIN STREET



YEOMAN GROUP

N

PROJECT NUMBER:	
13-20472	
DRAWN BY:	DATE:
M. BONAVENTURA	4/19/2013

SITE MAP

209 South Main Street
Romeo, Michigan

Enclosure 3

UST Test Results and MDEQ FOIA Documentation

Return to Enclosure Page

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Testing and Inspection Certificate

Tanknology Inc.
11000 North MoPac Expressway, Suite 500, Austin, TX 78759
800-800-4633 www.tanknology.com

Test Date	5/15/2013	Tanknology WO#	MW2-6266726
Test Purpose	COMPLIANCE	Customer PO#	13-20472

Customer

YEOMAN GROUP
200 N. CENTER STREET
NORTHVILLE, MI 48167

Attn: ROY GANTT
(248) 349-8363

Location

ROMEO VILLAGE MARATHON
209 S MAIN ST
ROMEO, MI 48065

Attn: ROY GANTT
(586) 752-7440

Test / Inspection Description	Item Tested	Date Tested	Result
Precision Tank Tightness	Tank T1 REGULAR	5/15/2013	Pass
Precision Tank Tightness	Tank T2 REGULAR	5/15/2013	Pass
Precision Tank Tightness	Tank T3 PREMIUM	5/15/2013	Pass
Precision Tank Tightness	Tank T4 KEROSENE	5/15/2013	Pass

Tanknology Representative: Amy Beam
Telephone: (847) 888-4836

Technician: Chris Lehnert
Technician Certification: (See forms)

Tanknology

VacuTect
Tank Tightness Test

Work Order: 6266726 Date: 5/15/2013

Site Name/ID: ROMEO VILLAGE MARATHON

Address: 209 S MAIN ST

City: ROMEO State: MI Zip: 48065

Tank Information	1 REGULAR	2 REGULAR	3 PREMIUM	4 KEROSENE		
Customer Tank ID	T1	T2	T3	T4		
Regulatory Tank ID						
Product Category	Gasoline - Regular	Gasoline - Regular	Gasoline - Premium	Kerosene		
Product Name	REGULAR	REGULAR	PREMIUM	KEROSENE		
Gallons Capacity	10000	6000	6000	6000		
Tank Type	Steel	Steel	Steel	Steel		
Tank Walls	Singlewall	Singlewall	Singlewall	Singlewall		
Compartmentalized	No	No	No	No		
Siphon Tank	No	No	No	No		
Vents included with test	with this tank	with this tank	with this tank	with this tank		
Test Start Time	14:04:00	14:04:00	11:28:00	11:28:00		
Test End Time	16:17:00	16:17:00	13:40:00	13:40:00		
Water ingress (Y/N)	No	No	No	No		
Bubble ingress (Y/N)	No	No	No	No		
Ullage ingress (Y/N)	No	No	No	No		
Test Result (P/F/I)	**Pass**	**Pass**	**Pass**	**Pass**		

☑ Yes ☐ No diagnostic only - Test was performed per 3rd party certifications as specified in 40 CFR parts 280 and 281.

Technician Comments : All tanks passed. All tanks tested with vents.

Technician Name Chris Lehnert Certification # 80048

Technician Signature Chris A. Lehnert

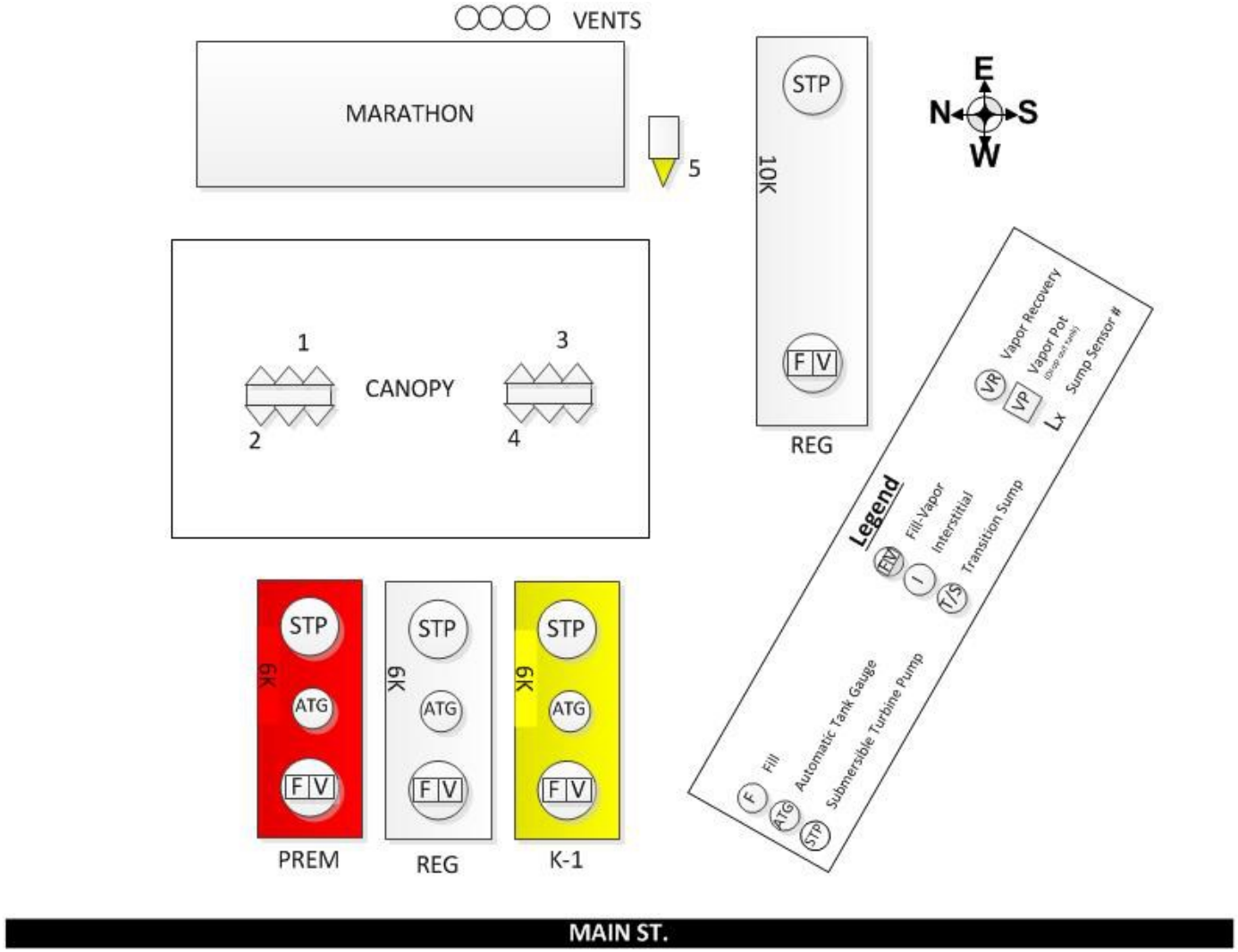
Environmental Compliance for Petroleum Systems

Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:	6266726
Site ID / Name:	ROMEO VILLAGE / ROMEO VILLAGE MARATHON
Address:	209 S MAIN ST
City:	ROMEO

State: MI Zip: 48065



Statement

The following is an explanation the majority of the parts, equipment, and materials for the upgraded containment regulations and other components involving environmental protection. All the highlighted text is used to protect the environment. These components are also found in the attached diagram.

The Tank

The **fuel storage tank** is the most important part of environmental protection in the fuel system. The double walled tanks are design with the primary, holding wall, and the secondary containment wall. This protective measure will help insure that fuel does not leak into the ground and ground water. Leakage from the storage tank results in a high destructive spill.

The double wall tank(s) contains five major facets: 1) **the dispenser and it's attachments** 2) **the autostik** 3) **the auto limiter** 4) **the vapor check** 5) **the monitoring well(s)**.

The Dispenser

The fuel path from the tank through the dispenser is controlled and protected by many valves and protective components. To begin, the **tank fitting adaptor** protects leakage and controls the flow of fuel from the tank to and through the **sump**. After passing through the tank fitting adaptor, the fuel encounters other protective components including the **3/4" flexible entry boot, single point discriminating leak sensor, male swivel fitting with clamp, secondary test boot (blank), secondary test boot (with air filter), 2" flexible entry boot, and double wall product piping.** In addition to the above attachments, the sump also protects from fuel leakage with its **poly-tech split wall.** All of the above components are vital parts of the sump, which is a key part in protecting the ground from fuel leakage.

Once the fuel travels through the sump by way of the product piping, it enters the dispenser bypassing the **stabilizer bar** and through another protective device, **the emergency shut-off valve (double poppeted)/the emergency shut-off valve.** The fuel then passes through the **safety server, emergency valve** to the hose and nozzle for release.

The dispenser is also equipped with an **alert tip over sensor**, which is also an important feature for environmental protection. In the tip over sensor system, **an alert controller and alert distribution box** are also included.

The Autostik

The autostik gauges the fuel level in the tank, and it is equipped with protective devices to ensure leak protection and scan for unusual fuel fluxations.

The autostik probe rises and falls in conjunction with the level of fuel. The protective components include a **4" flexible entry boot, autostik probe adaptor, autostik probe cap, watertight monitor manhole, and 3/4" flexible entry boot.** The autostik operates from a primary electrical power source. Power is distributed through the **autostik II controller and autostik jr. controller.**

Auto Limiter

The auto limiter is a protective device that handles any up flow of fuel in the tank. Possible causes are usually a result of pressure change in the fuel tank or attached devices.

When a pressure change does occur, the auto limiter takes in the access fuel through a **drop tube** with an attached **auto limiter fill pipe shut off.** This protect bursts of fuel throughout the whole fuel system. The fuel then travels up the drop tube, through the double wall piping. If the fuel level reaches the **4" N.P.T. (female),** it will pass through the **drain** into the **spill container.** Any access fuel passing the drain will be stopped by an **adaptor** and **top seal fill cap.** The spill container is protected and accessible by the **spill containment manhole with drain - 5 gallon.** The auto limiter protects from any overspills, pressure leaks, or pressure related problems.

The Vapor Check

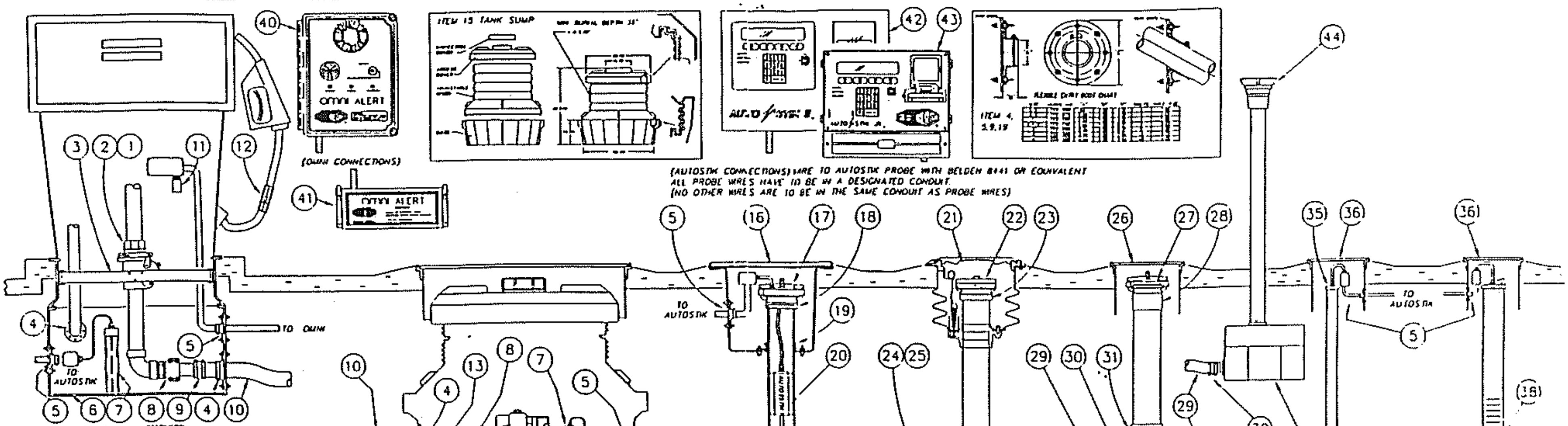
The **vapor check** controls and monitors the vapor release from the fuel storage tank. The **3" float vent valve** and **4" float vent valve** in the tank have primary contact with the fuel vapor. The vapor has three possible flow paths, and all are connected with the **4" x 4" x 2" x 2" extractor vent valve.** If traveling up vertically, the vapor is blocked by the **vapor check adaptor,** a **vapor cap,** and a **12" manhole.** The second passage is a also a blocked off path. The fuel vapor can travel down this obstructed path through **2" vent or vapor recovery piping,** with an attached **male connector with clamp - 2" pipe.** The third possible flow passage, intercepts and converts the fuel vapor to a released vapor stage. This vapor path begins flow through the opposing male connector with clamps and vent or vapor recovery piping, and then enters a **vent conversion fitting.** From there, the processed vapor is released through the **pressure vacuum tank vent.**

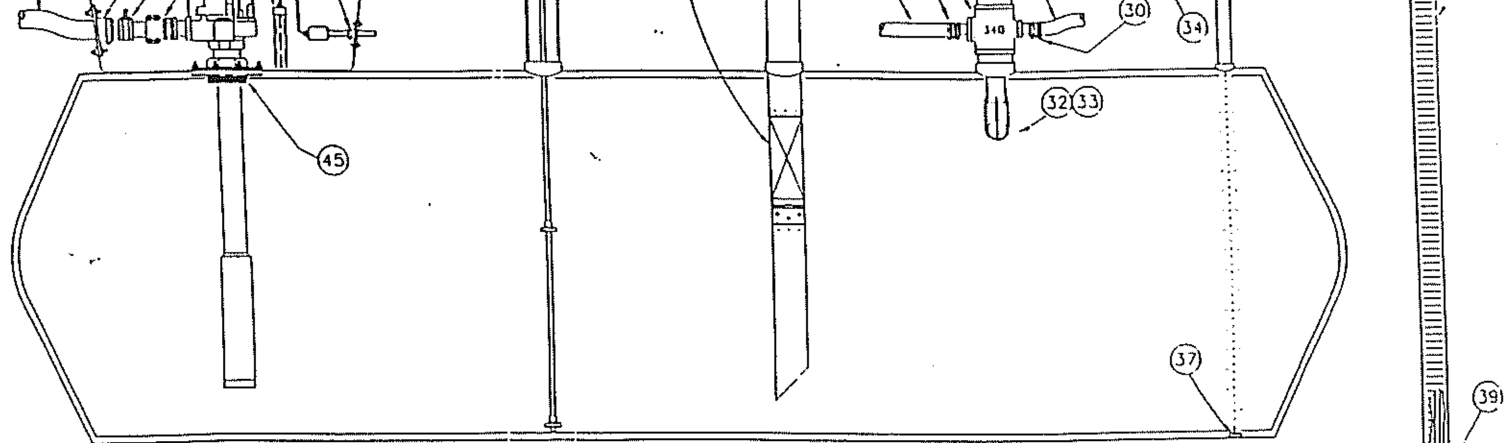
Monitoring Wells

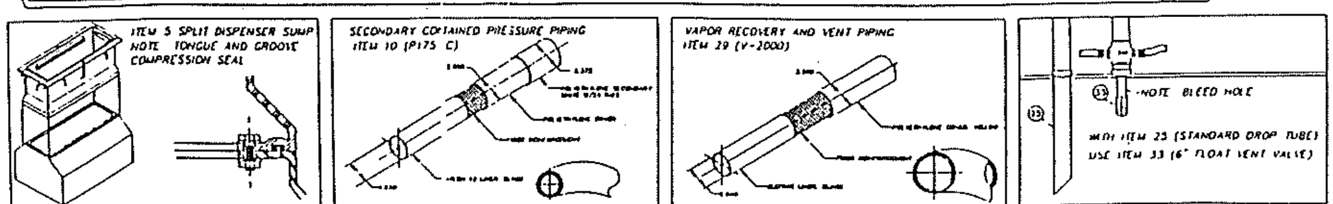
Incased in the ground near and surrounding the fuel storage tank are one to several monitoring wells. The tip of the buried well is located below the tank. In that tip, a **hydrocarbon sensor** is located. To prevent contaminated samples, **slotted PVC well screens 4"** are located throughout the pipe from the tip up. At the top of the well, the electrical unit is located and protected by a **10" monitoring test well manhole.**

In conjunction with the actual monitoring well, the **liquid level sensor** plays an important roll in relaying fuel level information. The sensor is located at the very bottom of the tank, and it sends messages through the tank, up to an electrical distributor, which connects to the monitoring well, and then travels on to the auto limiter controller. At the top of the liquid level sensor, a **sensor cap** and 10" monitoring test well manhole are used to protect from any fuel leakage.

*This narrative is a generic description. Other materials and components may be included in actual fuel system invoices.







NO.	MODEL NO.	DESCRIPTION
1	EBW 687	EMERGENCY SHUT-OFF VALVE
2	EBW 697	EM SHUT-OFF VALVE (DOUBLE POPPETED)
3	APT SBK ----	STABILIZER BAR KIT
4	APT FEB-200	2" FLEXIBLE ENTRY BOOT
5	APT FEB-075	3/4" FLEXIBLE ENTRY BOOT
6	APT PTDS ----	POLY-TECH SPLIT DISPENSER SUMP
7	EBW LS-1	SINGLE POINT DISCRIMINATING LEAK SENSOR
8	APT MS-175	MALE SWIVEL FITTING WITH CLAMPS
9	APT STB-175	SECONDARY TEST BOOT CLAMP
10	APT P-175-SC	1 3/4" S.C. PRODUCT PIPING
11	EBW 918	OMNI ALERT TIP OVER SENSOR
12	EBW 597	SAFETY SEVER EMERGENCY VALVE
13	APT ATB-175	SECONDARY TEST BOOT WITH AIR FITTING
14	EBW 741	42" FIBERGLASS MANHOLE
15	APT TS-426	TANK SUMP
16	EBW 818	WATERTIGHT MONITOR MANHOLE
17	EBW 948	AUTOSTIK PROBE CAP
18	EBW 949	AUTOSTIK PROBE ADAPTER
19	APT FEB-400	4" FLEXIBLE ENTRY BOOT
20	EBW 968	AUTOSTIK PROBE
21	EBW 705 GL	SPILL CONTAINMENT MANHOLE WITH DRAIN 5 GAL
22	EBW 777	TOP SEAL FILL CAP
23	EBW 778	ADAPTER
24	EBW 708	AUTO LIMITER FILL PIPE SHUT OFF
25	EBW 762	DROP TUBE
26	EBW 781	12" MANHOLE
27	EBW 304	VAPOR CAP
28	EBW 300	VAPOR CHECK ADAPTER
29	APT V-200-D	2" VENT OR VAPOR RECOVERY PIPING
30	APT MNC-200	MALE CONNECTOR WITH CLAMP 2" PIPE
31	EBW 340	4" x 4" x 3" x 2" EXTRACTOR VENT VALVE
32	EBW 308 AL	2" FLOAT VENT VALVE *
33	EBW 308	2" FLOAT VENT VALVE **
34	APT VCF-200	VENT CONVERSION FITTING
35	EBW 830	SENSOR CAP
36	EBW 810	10" MONITORING TEST WELL MANHOLE
37	EBW LS-3	LIQUID LEVEL SENSOR
38	EBW 773	SLOTTED PVC WELL SCREEN 4"
39	EBW LS-30	HYDROCARBON SENSOR
40	EBW 978	OMNI ALERT CONTROLLER
41	EBW 976	OMNI ALERT DISTRIBUTION BOX
42	EBW 960	AUTOSTIK II CONTROLLER
43	EBW 970	AUTOSTIK JR CONTROLLER
44	EBW 802	PRESSURE VACUUM TANK VENT
45	APT TFA-400	4" TANK FITTING ADAPTOR
	APT FEB-100	1" FLEXIBLE ENTRY BOOT
	APT FEB-300	3" FLEXIBLE ENTRY BOOT
	APT FTP-175	PIPE-NUT FITTING
	APT FS-175	FEMALE SWIVEL FITTING WITH CLAMPS
	APT P-175-D	DIRECT BURY PRESSURE PIPING
	APT P-175-SC	SECONDARY CONTAINED PRESSURE PIPING
	APT TFA-400	4" TANK FITTING ADAPTER
	APT MNC-200	NIPPLE WITH CLAMP
	APT RV-200-D	2" REMOTE FILL OR VAPOR RECOVERY PIPING
	EBW 330	4" x 4" x 3" x 2" EXTRACTOR VENT VALVE
	EBW 331	4" x 4" x 3" x 3" EXTRACTOR VENT VALVE
	EBW 705 BG	SPILL CONTAINMENT MANHOLE WITH DRAIN 5 GAL
	EBW 715 BG	SPILL CONTAINMENT MANHOLE WITH DRAIN 15 GAL
	EBW 715 GL	SPILL CONTAINMENT MANHOLE WITH DRAIN 15 GAL
	EBW 725 BG	SPILL CONTAINMENT MANHOLE WITH DRAIN 25 GAL
	EBW 725 GL	SPILL CONTAINMENT MANHOLE WITH DRAIN 25 GAL
	EBW 683	MALE, FEMALE AND UNION ADAPTORS
	EBW LS-2	SINGLE POINT SENSOR
	EBW LS-7	SINGLE POINT HORIZONTAL SENSOR
	EBW LS-30	HYDROSTATIC RESERVOIR (2 FLOAT) SENSOR
	EBW LS-35	HYDROSTATIC RESERVOIR (2 FLOAT) SENSOR WITH & DISCRIMINATING SENSOR

* 2" MODEL OF 308 USE WITH AUTOLIMITER ONLY
** 2" MODEL OF 308 NOT FOR USE WITH AUTOLIMITER
NOTE: BG = BELOW GRADE, GL = GRADE LEVEL

APT

EBW

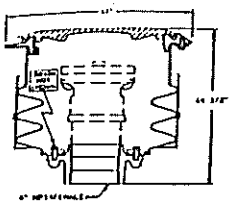
PROPRIETARY

NOT TO SCALE

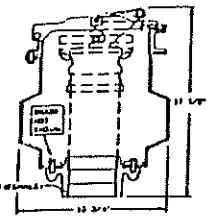
APT AND EBW PRODUCTS FOR SERVICE STATIONS

EBW INC. MUSKEGON, MI 49441

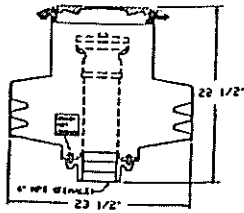
EBW 5 GAL GRADE LEVEL SPILL CONTAINMENT MANHOLE WITH DRAIN



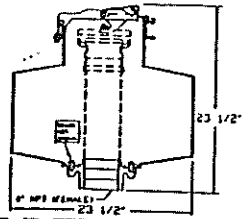
EBW 5 GAL BELOW GRADE SPILL CONTAINMENT MANHOLE WITH DRAIN



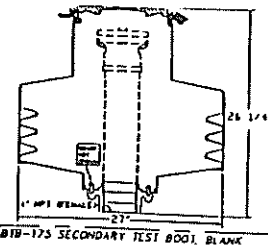
EBW 15 GAL GRADE LEVEL SPILL CONTAINMENT MANHOLE WITH DRAIN



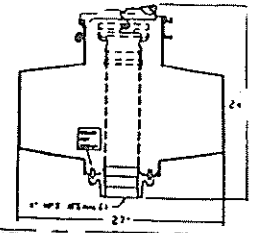
EBW 15 GAL. BELOW GRADE SPILL CONTAINMENT MANHOLE WITH DRAIN



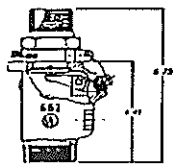
EBW 25 GAL GRADE LEVEL SPILL CONTAINMENT MANHOLE WITH DRAIN



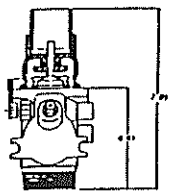
EBW 25 GAL BELOW GRADE SPILL CONTAINMENT MANHOLE WITH DRAIN



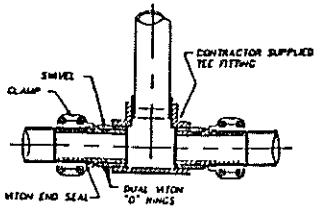
EBW 662 EMERGENCY SHUT-OFF VALVE



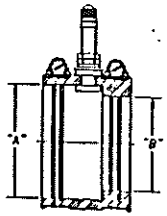
EBW 682 EMERGENCY SHUT-OFF VALVE (DOUBLE POPPETED)



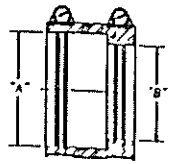
APT MS-175 MALE SWIVEL FITTING WITH CLAMPS



APT ATB-175 SECONDARY TEST BOOT, WITH AIR FITTING



APT BTB-175 SECONDARY TEST BOOT, BLANK

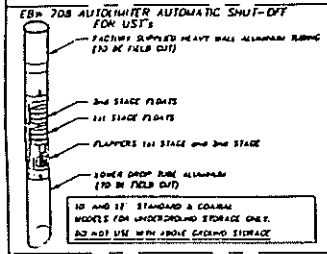


APT ATB-175 SECONDARY TEST BOOT, WITH AIR FITTING

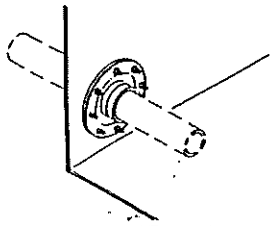
APT BTB-175 SECONDARY TEST BOOT, BLANK

MODEL	"A"	"B"	PIPING
ATB-050	1.05	0.84	P-050-SC
ATB-075	1.38	1.11	P-075-SC
ATB-100	2.02	1.38	S-100-SC
ATB-175	2.28	1.94	P-175-SC
			S-175-SC
ATB-300	4.50	3.63	P-300-SC

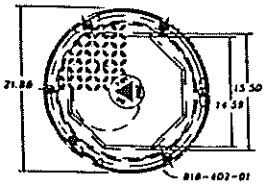
EBW 708 AUTOGAUGER AUTOMATIC SHUT-OFF FOR USTs



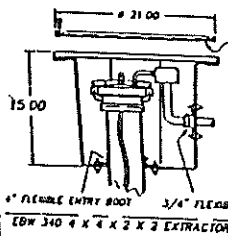
APT FEB - - - FLEXIBLE ENTRY BOOTS



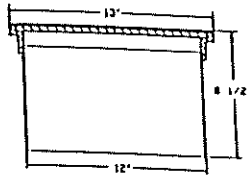
EBW 818 WATERTIGHT MONITOR MANHOLE TOP VIEW



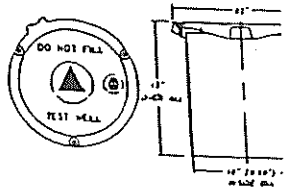
EBW 818 WATERTIGHT MONITOR MANHOLE SIDE VIEW



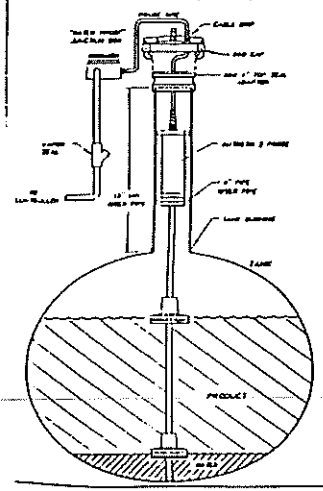
EBW 781 12" MANHOLE



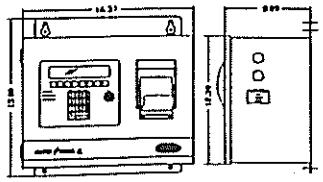
EBW 810 10" MONITORING TEST WELL MANHOLE



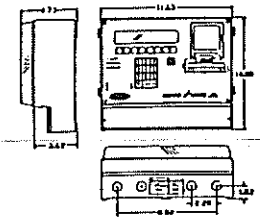
EBW 960 AUTOSTIK II PROBE (IN TANK)



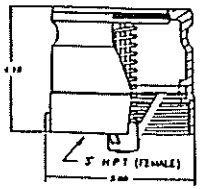
EBW 960 AUTOSTIK II CONTROLLER



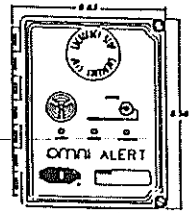
EBW 970 AUTOSTIK JR CONTROLLER



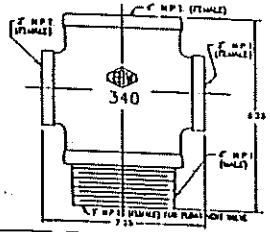
EBW 300 VAPOR CHECK ADAPTER



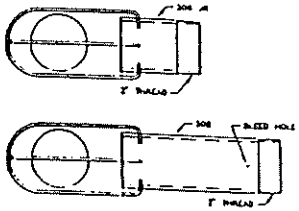
EBW 920 OMNI CONTROLLER



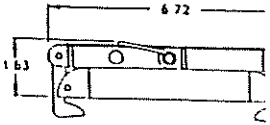
EBW 340 4 x 4 x 2 x 2 EXTRACTOR VENT VALVE



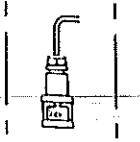
EBW 3" AND 6" FLOAT VENT VALVE



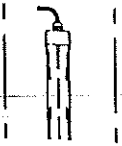
EBW 304 VAPOR CAP



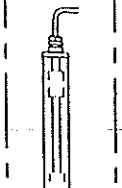
EBW LS-3A



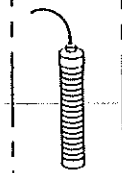
EBW LS-5



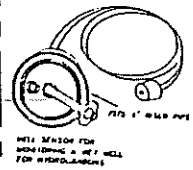
EBW LS-30A



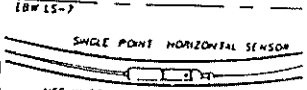
EBW LS-35



EBW LS-10, 15, 20

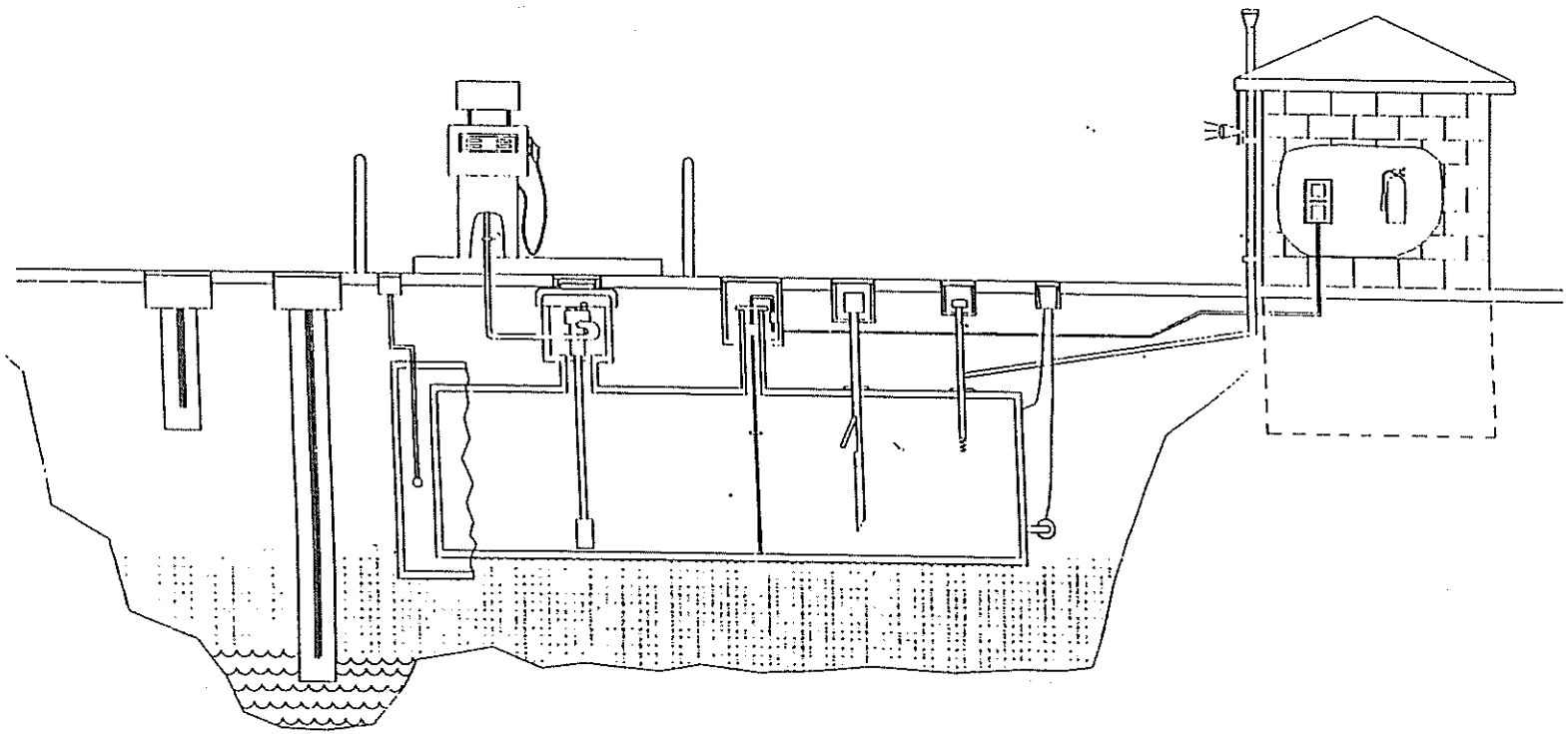


EBW LS-7



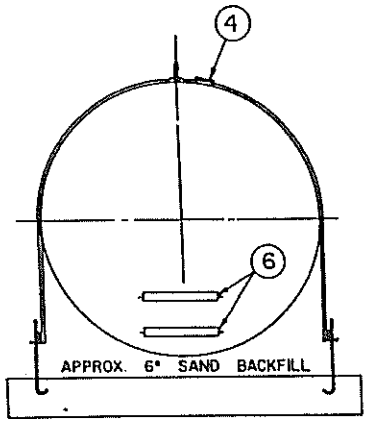
API AND EBW PRODUCTS FOR SERVICE ST

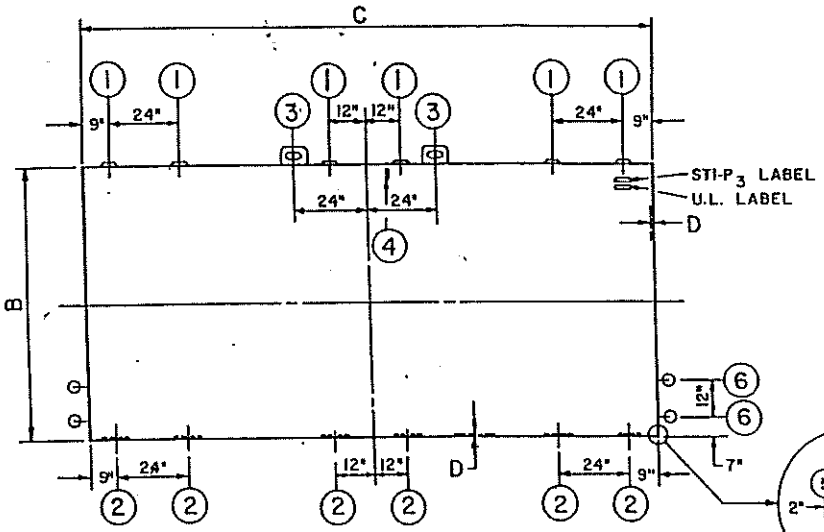
EBW INC.



GREAT LAKES CARBON TREATMENT INC

NO.	QTY.	DESCRIPTION
1	6	5" N.P.T. FITTING W/ 5" x 4" NYLON BUSHING
2	6	WEAR PLATE
3	2	LIFT LUG
4	1	PROTECTION PROVER II TEST STATION
5	2	REGULAR SIZE ZINC DIAMOND LINE ANODE
		(HIGH AMP ALLOY) 12" LONG x 1.2 # FT.
6		SACRIFICIAL ZINC ANODE
7		STRAP, ANCHORS, AND PAD





NOTES:

1. Tank to be constructed and labeled to meet U.L. Code 58.
2. Tank to be of all welded construction.
3. Tank to be tested at 5-7 P.S.I. air pressure.
4. Tank to receive sti-P$_3$® corrosion protection as followed:
   - A. Electrical isolation of all openings.
   - B. Exterior to receive a SSPC-SP-6 grade sandblast followed by one (1) multi-pass coat of Corrocote II urethane coating applied to heads at 15 mils D.F.T. and shell at 10 mils D.F.T
   - C. Cathodic protection provided by use of sacrificial zinc anodes welded to tank heads.
5. Tank to be shipped with Protection Prover II™.
6. Tank interior to be protected by the "Triple Protection" interior corrosion control system as followed:
   - A. Wear plates under each opening blasted to white metal prior to installation.
   - B. Seal weld bottom 60° of all circumferential joints except last head seam.
   - C. Cathodical protection of last head seam with two (2) zinc diamond line, high amp anodes.
7. Optional - Straps, anchors and isolation pads to be shipped loose with tank.

A	B	C	D	HOLD DOWN STRAPS		ZINC ANODE
CAPACITY (GALLONS)	DIAMETER	SHELL LENGTH	STEEL GAUGE	QUANTITY	SPACING BETWEEN STRAPS	QUANTITY
4,000	5'-4"	24'-0"	7 GA.	4	84"	2
4,000	7'-0"	14'-0"	7 GA.	3	66"	2
4,000	8'-0"	10'-8"	1/4"	2	96"	2
5,000	8'-0"	13'-4"	1/4"	3	64"	2
6,000	8'-0"	16'-0"	1/4"	3	78"	4
6,000	6'-0"	28'-5"	1/4"	4	102"	4
8,000	8'-0"	21'-4"	1/4"	4	74"	4
10,000	8'-0"	27'-0"	1/4"	4	96"	4
10,000	10'-6"	15'-6"	1/4"	3	77"	4
12,000	8'-0"	32'-0"	1/4"	6	70"	4
12,000	10'-6"	18'-6	1/4"	4	63"	4
15,000	8'-0"	40'-0"	5/16"	6	90"	6
15,000	10'-6"	23'-4"	5/16"	6	49"	4
20,000	10'-6"	31'-0"	5/16"	6	68"	6

NO.	DATE	REVISION	BY.
2			
1			

CLAWSON TANK COMPANY

SCALE:	APPROVED BY:		DRAWN BY:
DATE:			CKD BY:

CUSTOMER:

JOB:

DESCRIPTION: GALLON UNDERGROUND STI-P$_3$® STORAGE TANK

DRAWING NUMB

STATE OF MICHIGAN

DEPARTMENT OF ENVIRONMENTAL QUALITY

LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

April 16, 2011

APR 23

Nicholas Maloof
Associated Environmental Services LLC
6001 North Adams, Suite 203
Bloomfield Hills, MI 48304

Dear Mr. Maloof

SUBJECT: Request for Disclosure of Official Files from Water Resources Division

This notice is issued in response to your March 25, 2011, request for information under the Freedom of Information Act, 1976 PA 442, as amended (FOIA), received in this office on March 25, 2011. You have requested information that you describe as "Romeo Village Marathon, 209 South Main Street, Romeo, MI."

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. After searching through the Division's databases and finding no matches for the information you provided to us, your request to examine or receive a copy of the documents described above is denied.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Section 3(1) of the FOIA. Under section 10 of the FOIA, you may do either of the following:

1) Appeal this decision in writing to the Director of the Michigan Department of Natural Resources and Environment, P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.

2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of $500.00.

Sincerely,

Nichole Churches, FOIA Liaison
Water Resources Division
517-241-1313

EQP1048a (06/10)

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

REMEDIATION DIVISION
P.O. BOX 30426
LANSING, MICHIGAN 48909-7926

FAX

Date: 5/2/11

To: Nicholas G. Meloon, RPG

Company: _____

Department: _____

Phone: _____ Fax: 248-203-9372

From: Jim Lucas

Section: Program Support Section

Unit: Storage Tanks & Contracts Unit

Phone: 517-335-7279 Fax: 517-335-2245
E-mail: lucasj@michigan.gov

Note: FACILITY ID 33272

Pages: 47

1698-11
due 4-13-11
AQD, RD
RMD, WRD
33272-0

Environmental Services

Land Development

Real Estate Consulting

6001 North Adams, Suite 209
Bloomfield Hills, Michigan 48304

ASSOCIATED ENVIRONMENTAL SERVICES LLC

March 14, 2011

Ms. Susan Vorce
Agency Wide FOIA Coordinator
MDNRE Lansing Office
P.O. Box 30473
Lansing, Michigan 48909-7973

Facsimile (517) 241-7428
Telephone (517) 241-8166
Email vorces@michigan.gov

Associated Environmental Services, LLC Project No. 2011020801.01

RE: Freedom of Information Act (FOIA) request

Dear Ms. Vorce:

In accordance with the Freedom of Information Act (FOIA), we hereby request copies of MDNRE files and/or records for the following site(s). If the cost to copy and mail or email any such records exceeds $50.00, please contact the undersigned to discuss scheduling an appointment to review the files/records in person or obtain copies after review of said files/records.

Name	Site Identification Numbers
Romeo Village Marathon, 209 South Main Street, Romeo, MI 48065 Also known as: Kahara Petroleum and Marathon Quick Stop Food Store (formerly known as: Quick Stop #3, Tri-County Petroleum, Inc., Romeo Radiator, and J&C Sunoco)	Facility ID:00033272 C-0307-95 (Closed) MID 000717538

According to information that we have been provided, the above site(s) is/are known site(s) of environmental contamination and there are files in your office related to use, storage and disposal of hazardous substances as well as possible site investigation activities conducted on-site. Please also make available any other files for the above property.

We are particularly interested in reviewing or obtaining any records/files in regard to UST registrations and removals, LUSTs, Phase II soil and groundwater site investigations/impacts, chemical storage, waste disposal, Due Care, any Remedial Actions taken/being taken, Closure Reports and other pertinent information for the site.

Should you have any questions or require additional information, please feel free to contact me at (248) 203-9898, ext. 104.

Regards,
ASSOCIATED ENVIORMMENTAL SERVICES, LLC

Nicholas G. Maloof, RPG

NGM/ajm
C:\AES Environmental Projects - 2011\ASU Credit Union\2011020801.01 rochester hills 3rd party review\MDEQ FOIA Letter for Colony Cleaners Lansing Office 3-4-11.doc

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

August 25, 2006

Busam Tobia
209 S Main ST
Romeo, MI 48065

Dear Owner/Operator:

SUBJECT: Nonsubmittal of Financial Responsibility (i.e. Pollution Insurance) for Underground Storage Tanks

The Department of Environmental Quality, Waste and Hazardous Materials Division (WHMD), has not received proof of financial responsibility (FR) or the FR documentation received was inadequate for the underground storage tanks (USTs) located at Kahara Petroleum Inc, 209 S Main St, Romeo, Michigan, Facility Number 00033272.

Pursuant to Rule 61, Section 280.90, of the Michigan Underground Storage Tank Rules, 1999 AACS, R 29.2161 et seq., owners/operators of petroleum USTs are required to provide proof of FR for taking corrective action and for compensating third parties for bodily injury and property damage arising from a release by petroleum USTs.

You were notified of this requirement on March 1, 2006, in your annual UST billing.

If the WHMD does not receive proof of FR within 30 days of receipt of this letter, your USTs are subject to red tagging and as such cannot be filled. Further, you may be subject to escalated enforcement action.

If you have previously submitted FR to the WHMD and are in receipt of this letter, you must resubmit. Also, be sure the correct address of where the USTs are located, which are covered under the FR mechanism, is noted on the document or as an attachment. Please include a copy of this letter with your submittal to the address below or you may fax your submittal to 517-335-2245 or email to wieberk@michigan.gov.

If you have any questions, please contact me or visit our Web site at www.michigan.gov/deq.

Sincerely,

Kevin Wieber, HMSI Specialist
Storage Tank Unit
Storage Tank and Solid Waste Section
Waste and Hazardous Materials Division
517-335-7260

Fire Marshal Division
Hazardous Materials Section
3705 W. Jolly Rd.
P.O. Box 30157
Lansing, MI 48909
(800) 642-4878

****
*** INVOICE ***
****

June 28, 1990 Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

TO:	PLEASE RETURN TO:
TRI-COUNTY PETROLEUM, INC.	Michigan State Police
3525 ROCHESTER	Fire Marshal Division
TROY, MI 48083	Harzardous Materials Section
RE: QWIK STOP #3	3705 W. Jolly Rd.
	P.O. Box 30157
	Lansing, MI 48909

If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual reneval of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

Facility #	Tank #	Description	Cost
0-033272	1	6,000 Gal - Gasoline	$100.00
0-033272	2	6,000 Gal - Diesel	$100.00
0-033272	3	6,000 Gal - Kerosene	$100.00
0-033272	4	12,000 Gal - Gasoline	$100.00

MICHIGAN STATE POLICE
JUL 25 1990
FIRE MARSHAL DIVISION
HAZARDOUS MATERIALS SECTION

PAID

Number of Eligible Tanks: 4
Total Number of Tanks: 4

Registration Fee: $ 400.00
Late Fee:
Amount Received:
Amount Due: $ 400.00

Make Checks Payable to: State of Michigan
Payment Due on or Before: JULY 30, 1990

Facility No: 0-033272 Comp No: 061179

Department of Environmental Quality
Underground Storage Tank Division

INSPECTION REPORT

Type of Inspection Performed: 1998 REQUIREMENTS VISIT

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: ????

Site Contact: ELDON PRESTON Site Phone Number: (810) 752-744
Owner's Representative: Representative's Phone:

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: TRI-COUNTY PETROLEUM INC Address: 3525 ROCHESTER RD TROY, MI 48083	Name: QWIK STOP #3 Address: 209 SOUTH MAIN ROMEO, MI 48065 County: MACOMB

ON THE DATE INDICATED BELOW, THE DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) UNDERGROUND STORAGE TANK DIVISION (USTD) STAFF PERSONALLY DELIVERED INFORMATION TO THIS FACILITY DESCRIBING THE 1998 UST UPGRADE REQUIREMENTS AS SET FORTH IN PART 211, UNDERGROUND STORAGE TANK REGULATIONS (UST), OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, AND THE RULES PROMULGATED THEREUNDER. THE INFORMATION PROVIDED CONSISTS OF: DON'T WAIT UNTIL '98 PAMPHLET, REGISTRATION FORM, LIFE OF AN UST FLOW CHART, AND 30 DAY NOTICE O INTENT TO REMOVE, CLOSE OR CHANGE-IN-SERVICE FORM. NO COMPLIANCE INSPECTION WA CONDUCTED AT THIS TIME.

Inspection Status: NO INSPECTION CONDUCTED (SEE ABOVE)

Date of Inspection: 06/11/97 Date Compliance is Required: <not applicable

Signature: Douglas Kutzura M.M.A.C.
DOUGLAS KUTZURA

AUTHORITY: 1994 PA 451 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties, and/or Red Tagging UST System.	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 Phone: (313) 432-1250 Fax: (313) 432-1295

Facility No: 0-033272 Comp No: 102099

Page 01 of 01 Michigan Department of Environmental Quality
Storage Tank Division

INSPECTION REPORT

Type of Inspection Performed: RECORDS INVESTIGATION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 4

Site Contact: NO CONTACT MADE Site Phone Number:
Owner's Representative: TRI COUNTY PET Representative's Phone: (248) 680-0303

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: TRI COUNTY PETROLEUM Address: 3525 ROCHESTER RD TROY, MI 48083	Name: QWIK STOP #3 Address: 209 S MAIN ROMEO, MI 48065 County: MACOMB

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

NO VIOLATIONS CITED

COMMENTS: RECEIVED F.R. INSURANCE.

Inspection Status: FACILITY APPROVED

Date of Inspection: 10/20/99 Date Compliance is Required: <not applicable>

Signature: D.M.K.
DOUGLAS KUTZURA

AUTHORITY: 1994 PA 451 and/or 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties, and/or Red Tagging the System.	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 Phone: (734) 432-1250 Fax: (734) 432-1295

Michigan Department of Environmental Quality
Storage Tank Division

INSPECTION REPORT

Type of Inspection Performed: 1999 SUBSTANDARD UST INSPECTION AUG 1998 KLW

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 4

Site Contact: STATION ATTENDANT Site Phone Number:
Owner's Representative: TRI COUNTY PET Representative's Phone: (248) 680-0303

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: TRI COUNTY PETROLEUM Address: 3525 ROCHESTER RD TROY, MI 48083	Name: QWIK STOP #3 Address: 209 S MAIN ROMEO, MI 48065 County: MACOMB

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

1. PROVIDE DOCUMENTATION SHOWING COMPLIANCE WITH THE FINANCIAL RESPONSIBILITY REQUIREMENTS.
   UST 280.107
   SPECIAL ATTENTION: MAIL OR FAX A COPY TO THE OFFICE LISTED BELOW FOR REVIEW.

<<< End of Cited Violations >>>

COMMENTS: I14 INSPECTION FINDS THIS FACILITY MEETING THE 1998 REQUIREMENTS. AN AMENDED REGISTRATION HAS BEEN FILED IN LANSING FOR THE OVERFILL PROTECTION.

Inspection Status: FACILITY TEMPORARILY APPROVED

Date of Inspection: 07/02/99 Date Compliance is Required: <not applicable>

Signature: _____
RICK ROBERTS FOR D KUTZURA

AUTHORITY: 1994 PA 451 and/or 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties, and/or Red Tagging the System.	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 Phone: (734) 432-1250 Fax: (734) 432-1295

Michigan Department of Environmental Quality
Storage Tank Division

INSPECTION REPORT

Type of Inspection Performed: 1999 SUBSTANDARD UST INSPECTION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 5

Site Contact: STATION ATTENDANT Site Phone Number:
Owner's Representative: JE WESTON Representative's Phone: (734) 953-7013

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: AMOCO PETROLEUM PRODUCTS Address: 38705 SEVEN MILE RD #350 LIVONIA, MI 48152-1056	Name: AMOCO SS #5178 Address: 200 MAIN & ST CLAIR ROMEO, MI 48065 County: MACOMB

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

NO VIOLATIONS CITED

COMMENTS: I14 INSPECTION FINDS THIS FACILITY MEETING THE 1998 REQUIREMENTS. AN AMENDED REGISTRATION HAS BEEN FILED IN LANSING FOR THE OVERFILL DEVICE ON UST #6.

Inspection Status: FACILITY APPROVED

Date of Inspection: 07/01/99 Date Compliance is Required: <not applicable>

Signature: _____
RICK ROBERTS FOR D KUTZURA

AUTHORITY: 1994 PA 451 and/or 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties, and/or Red Tagging the System.	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 Phone: (734) 432-1250 Fax: (734) 432-1295

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

September 13, 2004

Tri County Petro
3525 Rochester Rd
Troy, MI 48083

Dear Owner/Operator:

SUBJECT: Nonsubmittal of Financial Responsibility (i.e. Pollution Insurance) for Underground Storage Tanks

The Department of Environmental Quality, Waste and Hazardous Materials Division (WHMD), has not received proof of financial responsibility (FR) for the underground storage tanks (USTs) located at Qwik Stop #3, 209 S Main St, Romeo, Michigan, Facility Number 00033272.

Pursuant to Rule 61, Section 280.90, of the Michigan Underground Storage Tank Rules, 1999 AACS, R 29.2161 et seq., owners/operators of petroleum USTs are required to provide proof of FR for taking corrective action and for compensating third parties for bodily injury and property damage arising from a release by petroleum USTs.

You were notified of this requirement on March 1, 2004, in your annual UST billing.

If the WHMD does not receive proof of FR within 30 days of receipt of this letter, your USTs are subject to red tagging and as such cannot be filled. Further, you may be subject to escalated enforcement action.

If you have previously submitted FR to the WHMD and are in receipt of this letter, you must resubmit. Also, be sure the location(s) covered under the FR mechanism are noted on the document or as an attachment. Please include a copy of this letter with your submittal to the address below or you may fax your submittal to the number listed below.

If you have any questions, please contact me or visit our website at www.michigan.gov/deq.

Sincerely,

Kevin Wieber, HMSI Specialist
Waste and Hazardous Materials Division
517-335-7260
FAX: 517-335-2245

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS DIVISION

FACILITY INSPECTION REPORT

KLW DEC 0 7 2004

Owner Name & Address:

Kahana Petroleum Inc.
209 S.Main St.
Romeo, MI 48065

Location of Tanks:

Kahana Petroleum Inc.
209 S. Main St
Romeo, MI 48065-5127
County - Macomb
Facility ID - 00033272

ATTENTION: Karim Kahana

A(n) site investigation was conducted on November 16, 2004, at the above-subject facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the Michigan Underground Storage Tank Rules (MUSTR), 1999 AACS R 29.2101 et seq. and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that there was no action taken by the inspector.

Arrived on site and owner had a copy of the check sent to Lansing. Also had him sign registration. Inspector will send registration and copy of check stub.

The inspection and violations (if any) were discussed with Haitham Kahana at the time of the inspection.

If you have additional questions concerning this matter, please contact me.

Douglas Kutzura

11-16-04

Douglas Kutzura
Hazardous Materials Storage Inspector
SE Michigan District Office
38980 Seven Mile Rd
Livonia, MI 48152
Phone: (734) 432-1250
Fax: 734-432-1277

Date

DEQ

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Romeo Village Marathon
40284 Skender
Clinton Township, MI 48038

Location of Tanks:

Romeo Village Marathon
209 S Main St
Romeo, MI 48065-5127
County - Macomb
Facility ID - 00033272

KLW JAN 30 2008

ATTENTION: Romeo Village Marathon

A Reinspection was conducted on January 9, 2008, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 1999 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that the facility is approved.

The inspection and violations (if any) were discussed with Angelo Lomedico at the time of the inspection.

If you have additional questions concerning this matter, please contact me.

1-9-08

Date

Douglas Kutzura
Hazardous Materials Storage Inspector
SE Michigan District Office
27700 Donald Court
Warren, MI 48092-2793
Phone: 586-753-3843
Fax: 586-753-3831
Email: kutzurad@michigan.gov

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

September 28, 2007

Romeo Village Marathon
40284 Skender
Clinton Township, MI 48038

Dear Owner/Operator:

SUBJECT: Nonsubmittal of Financial Responsibility (i.e. Pollution Insurance) for Underground Storage Tanks

The Department of Environmental Quality, Waste and Hazardous Materials Division (WHMD), has not received proof of financial responsibility (FR) or the FR documentation received was inadequate for the underground storage tanks (USTs) located at Romeo Village Marathon, 209 S Main St, Romeo, Michigan, Facility Number 00033272.

Pursuant to Rule 61, Section 280.90, of the Michigan Underground Storage Tank Rules, 1999 AACS, R 29.2161 et seq., owners/operators of petroleum USTs are required to provide proof of FR for taking corrective action and for compensating third parties for bodily injury and property damage arising from a release by petroleum USTs.

You were notified of this requirement on February 28, 2007, in your annual UST billing.

If the WHMD does not receive proof of FR within 30 days of receipt of this letter, your USTs are subject to red tagging and as such cannot be filled. Further, you may be subject to escalated enforcement action.

If you have previously submitted FR to the WHMD and are in receipt of this letter, you must resubmit. Also, be sure the correct address of where the USTs are located, which are covered under the FR mechanism, is noted on the document or as an attachment. Please include a copy of this letter with your submittal to the address below or you may fax your submittal to 517-335-2245 or email to wieberk@michigan.gov.

If you have any questions, please contact me or visit our Web site at www.michigan.gov/deq.

Sincerely,

Kevin Wieber

Kevin Wieber, HMSI Specialist
Storage Tank Unit
Storage Tank and Solid Waste Section
Waste and Hazardous Materials Division
517-335-7260

MT 917164

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – WASTE AND HAZARDOUS MATERIALS DIVISION

SMK AUG 13 2006

REGISTRATION OF UNDERGROUND STORAGE TANKS

The information in this form is required under "Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per day for each tank for which notification is not given or for which false information is submitted.

[X] NEW REGISTRATION

[ ] AMENDED INFORMATION (for Registered USTs Only)

If sending payment and form mail to: MDEQ, Office of Financial Management, Revenue Control Unit, PO Box 30657, Lansing, MI 48909

If sending form only, mail to: MDEQ, WHMD, PO Box 30241, Lansing, MI 48909

FACILITY IDENTIFICATION NUMBER (if known): 00033272

NO. OF TANKS AT FACILITY: 4

NO. OF CONTINUATION SHEETS ATTACHED:

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK [X]	IF INFORMATION IS THE SAME AS SECTION I, PLEASE CHECK [ ]
OWNER NAME (Corporation/Individual, etc.): Romeo Village Marathon	FACILITY NAME OR SITE IDENTIFIER: Romeo Village Marathon
MAILING ADDRESS: 40284 Skender	STREET ADDRESS (P.O. Box Not Acceptable): 209 S. Main
CITY: Clinton Twp. STATE: MI ZIP: 48038	CITY: Romeo STATE: Michigan ZIP: 48065
COUNTRY (Please Specify): [X] USA [ ] OTHER ____	COUNTY: Macomb
TELEPHONE (Including Area Code): ( ) -	TELEPHONE (Including Area Code): (586) 752-7440

UST 523856-0-1 08/30/06
33000 53701 1655

LATITUDE AND LONGITUDE of facility (if known)
LATITUDE (North): LONGITUDE (West):

AY 2006 $400

III. TYPE OF OWNER

PAID $400.00 8-29-06

- [ ] FEDERAL
- [X] COMMERCIAL
- [ ] STATE GOVERNMENT
- [X] PRIVATE
- [ ] LOCAL GOVERNMENT

ARE TANKS LOCATED ON LAND WITHIN A RESERVATION? [ ] YES [X] NO

IF TANKS ARE LOCATED WITHIN A RESERVATION, DOES A NATIVE AMERICAN TRIBE OWN TANKS? [ ] YES [ ] NO

IF TANKS ARE OWNED BY A TRIBE, NAME OF TRIBE: ____

IV. TYPE OF FACILITY

[ ] PUBLIC GAS STATION	[ ] LOCAL GOVERNMENT	[ ] CONTRACTOR
[X] PRIVATE GAS STATION	[ ] STATE GOVERNMENT	[ ] TRUCKING/TRANSPORT
[ ] MARINE GAS STATION	[ ] FEDERAL/NON-MILITARY	[ ] UTILITIES
[ ] PETROLEUM DISTRIBUTOR	[ ] FEDERAL-MILITARY	[ ] RESIDENTIAL
[ ] AIRLINE AND/OR AIRCRAFT OWNER	[ ] COMMERCIAL	[ ] FARM
[ ] AUTO DEALERSHIP	[ ] INDUSTRIAL	[ ] OTHER (Explain) ____
[ ] RAILROAD	[ ] HOSPITAL	

V. CONTACT PERSON

NAME: Angelo Lo Medico JOB TITLE: Owner TELEPHONE (Including Area Code): (586) 752-7440

VI. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS FORM AND ALL ATTACHED DOCUMENTS AND THAT I HAVE VERIFIED THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE: Angelo Lo Medico

SIGNATURE: [signature]

DATE: 8/24/06

SMK SEP 24 2006

Facility Number 00033272 **Expiration Date** June 13, 2007

SMK SEP 22 2006

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS DIVISION

UNDERGROUND STORAGE TANK REGISTRATION CERTIFICATE

Issued by Department of Environmental Quality under authority of Natural Resources & Environmental Protection Act, 1994, PA 451, as amended.

Location Address:

Romeo Village Marathon
209 S Main St
Romeo, MI 48065-5127

Owner Address:

Romeo Village Marathan Marathon
40284 Skender
Clinton Township, MI 48038

The period of registration is from 05/01/2006 to 4/30/2007. The Certificate Expiration Date is to allow time for the WHMD to process payments and does not reflect the date of valid registration. The certificate is invalid, at any time fees are not paid in full.

Sec. 21102(9) requires that this Registration Certificate be displayed at the facility location referenced above.

The Following tanks have been duly registered at this facility:

Tank Number	Description	Substance Stored
1	10,000 Gal	Gasoline
2	6,000 Gal	Diesel
3	6,000 Gal	Kerosene
4	6,000 Gal	Gasoline

S/Zc 105

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – WASTE AND HAZARDOUS MATERIALS DIVISION
PO BOX 30157, LANSING, MI 48909-7657

REGISTRATION OF UNDERGROUND STORAGE TANKS

The information in this form is required under "Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per day for each

☒ NEW REGISTRATION (New owner)
☐ AMENDED INFORMATION (for Registered USTs Only)

FACILITY IDENTIFICATION NUMBER (If known): 00033272

NO. OF TANKS AT FACILITY:

NO. OF CONTINUATION SHEETS ATTACHED:

I. OWNERSHIP OF TANKS

IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK ☐

OWNER NAME (Corporation/Individual, etc.): Bassam Todia

MAILING ADDRESS: 209 South main Street

CITY: Romeo | STATE: MI | ZIP: 48065

COUNTRY (Please Specify): ☒ USA ☐ OTHER

TELEPHONE (Including Area Code): (586) 752-7440

II. LOCATION OF TANKS

IF INFORMATION IS THE SAME AS SECTION I, PLEASE CHECK ☐

FACILITY NAME OR SITE IDENTIFIER:

STREET ADDRESS (P.O. Box Not Acceptable):

CITY: | STATE: Michigan | ZIP:

COUNTY:

TELEPHONE (Including Area Code): ( ) -

TAX PAYER ID OR SOCIAL SECURITY NUMBER:

LATITUDE AND LONGITUDE of facility (If known)

LATITUDE (North): LONGITUDE (West):

III. TYPE OF OWNER

☐ FEDERAL ☐ COMMERCIAL
☐ STATE GOVERNMENT ☑ PRIVATE
☐ LOCAL GOVERNMENT

MAY 2 3 2005
Waste and Hazardous Materials Division

ARE TANKS LOCATED ON LAND WITHIN A RESERVATION? ☐ YES ☐ NO

IF TANKS ARE LOCATED WITHIN A RESERVATION, DOES A NATIVE AMERICAN TRIBE OWN TANKS? ☐ YES ☐ NO

IF TANKS ARE OWNED BY A TRIBE, NAME OF TRIBE:

IV. TYPE OF FACILITY

☑ PUBLIC GAS STATION	☐ LOCAL GOVERNMENT	☐ CONTRACTOR
☐ PRIVATE GAS STATION	☐ STATE GOVERNMENT	☐ TRUCKING/TRANSPORT
☐ MARINE GAS STATION	☐ FEDERAL/NON-MILITARY	☐ UTILITIES
☐ PETROLEUM DISTRIBUTOR	☐ FEDERAL-MILITARY	☐ RESIDENTIAL
☐ AIRLINE AND/OR AIRCRAFT OWNER	☐ COMMERCIAL	☐ FARM
☐ AUTO DEALERSHIP	☐ INDUSTRIAL	☐ OTHER (Explain)
☐ RAILROAD	☐ HOSPITAL	

V. CONTACT PERSON

NAME	JOB TITLE	TELEPHONE (Including Area Code)
BASSAM TODIA	PRESIDENT	(586) 752-7440

VI. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE MICHIGAN UNDERGROUND STORAGE TANK RULES (MUSTR)
(Check All Items Below That Apply)

☐ SELF INSURANCE	☐ GUARANTEE	☐ TRUST FUND
☑ COMMERCIAL INSURANCE	☐ SURETY BOND	
☐ RISK RETENTION GROUP	☐ LETTER OF CREDIT	

VII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS FORM AND ALL ATTACHED DOCUMENTS AND THAT I HAVE VERIFIED THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATURE	DATE
	Bassam Todia	4-22-05

VIII. DESCRIPTION OF UNDERGROUND STORAGE TANKS

(Complete the following pages for each tank at this location. Copy these pages for additional tanks if needed)

TANK IDENTIFICATION NUMBER	#1	#2	#3	#4				
7. STATUS OF TANKS (Check One)								
CURRENTLY IN USE	☑	☑	☑	☑	☐	☐	☐	☐
TEMPORARILY OUT OF USE	☐	☐	☐	☐	☐	☐	☐	☐
AMENDMENT OF INFORMATION	☐	☐	☐	☐	☐	☐	☐	☐
(If tanks are removed/closed, complete page 3, Section IX)								
2. DATE OF INSTALLATION (Month/Day/Year)	1990	0930	0930	0930				
3. ESTIMATED TOTAL CAPACITY (Gallons)	10000	6000	6000	6000				
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)								
ASPHALT COATED OR BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
EPOXY COATED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
COMPOSITE (Steel With Fiberglass)	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
LINED INTERIOR	☑	☑	☑	☑	☐	☐	☐	☐
DOUBLE WALLED	☐	☐	☐	☐	☐	☐	☐	☐
POLYETHYLENE TANK JACKET	☐	☐	☐	☐	☐	☐	☐	☐
CONCRETE	☐	☐	☐	☐	☐	☐	☐	☐
EXCAVATION LINER	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Specify in commente area)	☐	☐	☐	☐	☐	☐	☐	☐
HAS TANK BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐
5. PIPING MATERIAL (Mark All That Apply)								
BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
GALVANIZED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
COPPER	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED	☐	☐	☐	☐	☐	☐	☐	☐
DOUBLE WALLED	☑	☑	☑	☑	☐	☐	☐	☐
FLEXIBLE PIPING	☐	☐	☐	☐	☐	☐	☐	☐
ENVIROFLEX	☐	☐	☐	☐	☐	☐	☐	☐
GEOFLEX	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
6. PIPING (Type) (Mark All That Apply)								
SUCTION: NO VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
SUCTION: VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
PRESSURE (Remote)	☑	☑	☑	☑	☐	☐	☐	☐
HAS PIPING BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐

TANK IDENTIFICATION NUMBER	#1	#2	#3	#4				
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE	☑	☑	☐	☑	☐	☐	☐	☐
DIESEL	☐	☑	☐	☐	☐	☐	☐	☐
GASOHOL	☐	☐	☐	☐	☐	☐	☐	☐
KEROSENE	☐	☐	☑	☐	☐	☐	☐	☐
(Not For Consumptive Use On Premises) FUEL OIL	☐	☐	☐	☐	☐	☐	☐	☐
MOTOR OIL	☐	☐	☐	☐	☐	☐	☐	☐
USED OIL	☐	☐	☐	☐	☐	☐	☐	☐
HAZARDOUS SUBSTANCE	☐	☐	☐	☐	☐	☐	☐	☐
TANK HAS COMPARTMENTS (List substances in comments area)	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Specify in comments area)	☐	☐	☐	☐	☐	☐	☐	☐
CERCLA NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER (If hazardous substance stored)	☐	☐	☐	☐	☐	☐	☐	☐

IX. TANKS OUT OF USE OR CHANGE IN SERVICE

NOTE: A SITE ASSESSMENT MUST BE COMPLETED UNLESS YOU REPORT A CONFIRMED RELEASE

1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)								
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)								
C. TANK WAS REMOVED FROM GROUND	☐	☐	☐	☐	☐	☐	☐	☐
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.)	☐	☐	☐	☐	☐	☐	☐	☐
•DESCRIBE TYPE OF FILL USED								
•REASON TANK WAS NOT REMOVED								
E. CHANGE IN SERVICE	☐	☐	☐	☐	☐	☐	☐	☐

X. CERTIFICATION OF COMPLIANCE

1. INSTALLATION								
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	☐	☐	☐	☐	☐	☐	☐	☐
B. INSTALLER CERTIFIED OR LICENSED BY STU	☐	☐	☐	☐	☐	☐	☐	☐
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	☐	☐	☐	☐	☐	☐	☐	☐
D. INSTALLATION INSPECTED AND APPROVED BY STU	☐	☐	☐	☐	☐	☐	☐	☐
E. ANOTHER METHOD ALLOWED BY STU (Please Specify)								

TANK IDENTIFICATION NUMBER	#1		#2		#3		#4									
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	☐		☐		☐		☐		☐		☐		☐		☐	
B. TANK TIGHTNESS TESTING	☐		☐		☐		☐		☐		☐		☐		☐	
C. INVENTORY CONTROL	☐		☐		☐		☐		☐		☐		☐		☐	
D. AUTOMATIC TANK GAUGING	☑		☑		☑		☑		☐		☐		☐		☐	
E. VAPOR MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. GROUNDWATER MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H. AUTOMATIC LINE LEAK DETECTORS		☑		☑		☑		☑		☐		☐		☐		☐
I. LINE TIGHTNESS TESTING		☐		☐		☐		☐		☐		☐		☐		☐
K. OTHER METHOD ALLOWED BY STU (Specify in comments area)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	☑		☑		☑		☑		☐		☐		☐		☐	
B. SPILL DEVICE INSTALLED	☐		☐		☐		☐		☐		☐		☐		☐	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	☑		☐		☐		☐		☐		☐		☐		☐	
B. NO	☐		☑		☑		☑		☐		☐		☐		☐	

I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION X IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER:

NAME PRINTED _____ SIGNATURE _____ DATE _____

TITLE _____ COMPANY _____

Facility Number 00033272 Expiration Date August 13, 2003

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK REGISTRATION CERTIFICATE

Issued by Department of Environmental Quality under authority of Natural Resources & Environmental Protection Act, 1994, PA 451, as amended.

Location Address:

QWIK STOP #3
209 S MAIN
ROMEO, MI 48065

Owner Address:

TRI COUNTY PETRO
3525 ROCHESTER RD
TROY, MI 48083

The period of registration is from 05-01-2002 to 04-30-2003. The Certificate Expiration Date is to allow time for the STD to process payments and does not reflect the date of valid registration. This certificate is invalid if, at any time, registration fees are not paid in full

Sec. 21102(9) requires that this Registration Certificate be displayed at the facility location referenced above.

The Following tanks have been duly registered at this facility:

Tank Number	Description	Substance Stored
1	10,000 Gal	Gasoline
2	6,000 Gal	Diesel
3	6,000 Gal	Kerosene
4	6,000 Gal	Gasoline

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – WASTE AND HAZARDOUS MATERIALS DIVISION
PO BOX 30157, LANSING, MI 48909-7657

SMK NOV 2 3 2004

REGISTRATION OF UNDERGROUND STORAGE TANKS

The information in this form is required under "Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per day for each

☐ NEW REGISTRATION
☒ AMENDED INFORMATION (for Registered USTs Only)

NO. OF TANKS AT FACILITY: 4
NO. OF CONTINUATION SHEETS ATTACHED:
FACILITY IDENTIFICATION NUMBER (If known): 0-33272

I. OWNERSHIP OF TANKS

IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK ☐

OWNER NAME (Corporation/Individual, etc.): KAHARA PETROLEUM INC

MAILING ADDRESS: 2095 MAIN ST

CITY: ROMEO | STATE: MI | ZIP: 48065

COUNTRY (Please Specify): ☒ USA ☐ OTHER

TELEPHONE (Including Area Code): (586) 752- 7440

II. LOCATION OF TANKS

IF INFORMATION IS THE SAME AS SECTION I, PLEASE CHECK ☐

FACILITY NAME OR SITE IDENTIFIER: SAME

STREET ADDRESS (P.O. Box Not Acceptable):

CITY: ROMEO | STATE: Michigan | ZIP:

COUNTY: ~~DAKLAND~~ MACOMB

TELEPHONE (Including Area Code): (586) 752 7440

LATITUDE AND LONGITUDE of facility (If known)
LATITUDE (North): LONGITUDE (West):

III. TYPE OF OWNER

☐ FEDERAL ☑ COMMERCIAL
☐ STATE GOVERNMENT ☐ PRIVATE
☐ LOCAL GOVERNMENT ARE TANKS LOCATED ON LAND WITHIN A RESERVATION? ☐ YES ☐ NO
IF TANKS ARE LOCATED WITHIN A RESERVATION, DOES A NATIVE AMERICAN TRIBE OWN TANKS? ☐ YES ☐ NO
IF TANKS ARE OWNED BY A TRIBE, NAME OF TRIBE:

IV. TYPE OF FACILITY

☑ PUBLIC GAS STATION	☐ LOCAL GOVERNMENT	☐ CONTRACTOR
☐ PRIVATE GAS STATION	☐ STATE GOVERNMENT	☐ TRUCKING/TRANSPORT
☐ MARINE GAS STATION	☐ FEDERAL/NON-MILITARY	☐ UTILITIES
☐ PETROLEUM DISTRIBUTOR	☐ FEDERAL-MILITARY	☐ RESIDENTIAL
☐ AIRLINE AND/OR AIRCRAFT OWNER	☐ COMMERCIAL	☐ FARM
☐ AUTO DEALERSHIP	☐ INDUSTRIAL	☐ OTHER (Explain)
☐ RAILROAD	☐ HOSPITAL	

V. CONTACT PERSON

NAME	JOB TITLE	TELEPHONE (Including Area Code)
KARIM KAHARA	OWNER.	(586) 752 7440

VI. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE MICHIGAN UNDERGROUND STORAGE TANK RULES (MUSTR) (Check All Items Below That Apply)

☐ SELF INSURANCE	☐ GUARANTEE	☐ TRUSTFUND
☑ COMMERCIAL INSURANCE	☐ SURETY BOND	
☐ RISK RETENTION GROUP	☐ LETTER OF CREDIT	

Waste & Hazardous Materials Division
NOV 19 2004

VII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS FORM AND ALL ATTACHED DOCUMENTS AND THAT I HAVE VERIFIED THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATURE	DATE
Haitham T. Kahara		11-16-04

VIII. DESCRIPTION OF UNDERGROUND STORAGE TANKS

(Complete the following pages for each tank at this location; Copy these pages for additional tanks if needed)

TANK IDENTIFICATION NUMBER	1	2	3	4				
7. STATUS OF TANKS (Check One)								
CURRENTLY IN USE	☑	☑	☑	☑	☐	☐	☐	☐
TEMPORARILY OUT OF USE	☐	☐	☐	☐	☐	☐	☐	☐
AMENDMENT OF INFORMATION	☐	☐	☐	☐	☐	☐	☐	☐
(If tanks are removed/closed, complete page 3, Section IX)								
2. DATE OF INSTALLATION (Month/Day/Year)								
3. ESTIMATED TOTAL CAPACITY (Gallons)								
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)								
ASPHALT COATED OR BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
EPOXY COATED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
COMPOSITE (Steel With Fiberglass)	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
LINED INTERIOR	☑	☑	☑	☑	☐	☐	☐	☐
DOUBLE WALLED	☐	☐	☐	☐	☐	☐	☐	☐
POLYETHYLENE TANK JACKET	☐	☐	☐	☐	☐	☐	☐	☐
CONCRETE	☐	☐	☐	☐	☐	☐	☐	☐
EXCAVATION LINER	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Specify in comments area)	☐	☐	☐	☐	☐	☐	☐	☐
HAS TANK BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐
5. PIPING MATERIAL (Mark All That Apply)								
BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
GALVANIZED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
COPPER	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED	☐	☐	☐	☐	☐	☐	☐	☐
DOUBLE WALLED	☑	☑	☑	☑	☐	☐	☐	☐
FLEXIBLE PIPING	☐	☐	☐	☐	☐	☐	☐	☐
ENVIROFLEX	☐	☐	☐	☐	☐	☐	☐	☐
GEOFLEX	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
6. PIPING (Type) (Mark All That Apply)								
SUCTION: NO VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
SUCTION: VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
PRESSURE (Remote)	☑	☑	☑	☑	☐	☐	☐	☐
HAS PIPING BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐

TANK IDENTIFICATION NUMBER	1	2	3	4				
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE	☑	☐	☐	☑	☐	☐	☐	☐
DIESEL	☐	☑	☐	☐	☐	☐	☐	☐
GASOHOL	☐	☐	☐	☐	☐	☐	☐	☐
KEROSENE	☐	☐	☑	☐	☐	☐	☐	☐
(Not For Consumptive Use On Premises) FUEL OIL	☐	☐	☐	☐	☐	☐	☐	☐
MOTOR OIL	☐	☐	☐	☐	☐	☐	☐	☐
USED OIL	☐	☐	☐	☐	☐	☐	☐	☐
HAZARDOUS SUBSTANCE	☐	☐	☐	☐	☐	☐	☐	☐
TANK HAS COMPARTMENTS (List substances in comments area)	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Specify in comments area)	☐	☐	☐	☐	☐	☐	☐	☐
CERCLA NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER (if hazardous substance stored)	☐	☐	☐	☐	☐	☐	☐	☐

IX. TANKS OUT OF USE OR CHANGE IN SERVICE

NOTE: A SITE ASSESSMENT MUST BE COMPLETED UNLESS YOU REPORT A CONFIRMED RELEASE

1. CLOSING OF TANK A. ESTIMATED DATE LAST USED (Month/Day/Year)								
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)								
C. TANK WAS REMOVED FROM GROUND	☐	☐	☐	☐	☐	☐	☐	☐
D. TANK FILLED WITH INERT MATERIAL, (Sand, Concrete, etc.)	☐	☐	☐	☐	☐	☐	☐	☐
•DESCRIBE TYPE OF FILL USED								
•REASON TANK WAS NOT REMOVED								
E. CHANGE IN SERVICE	☐	☐	☐	☐	☐	☐	☐	☐

X. CERTIFICATION OF COMPLIANCE

1. INSTALLATION A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	☐	☐	☐	☐	☐	☐	☐	☐
B. INSTALLER CERTIFIED OR LICENSED BY STU	☐	☐	☐	☐	☐	☐	☐	☐
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	☐	☐	☐	☐	☐	☐	☐	☐
D. INSTALLATION INSPECTED AND APPROVED BY STU	☐	☐	☐	☐	☐	☐	☐	☐
E. ANOTHER METHOD ALLOWED BY STU (Please Specify)								

Facility No: 0-033272 Comp No: 012698

Page 01 of 02

Department of Environmental Quality
Underground Storage Tank Division

RECEIVED
98 FEB -2 9AM 10 50
DEPT OF ENVIRONMENTAL QUALITY UST DIVISION

INSPECTION REPORT

Type of Inspection Performed: 1998 EXISTING INSPECTION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 4

Site Contact: LINDA BREEN Site Phone Number: (810) 752-7440
Owner's Representative: Representative's Phone:

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: TRI COUNTY PET INC Address: 3525 ROCHESTER RD TROY, MI 48083	Name: QWIK STOP #3 Address: 209 SOUTH MAIN ROMEO, MI 48065 County: MACOMB

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

1. PROVIDE TWO 4A-20BC OR ONE 4A-40BC LISTED FIRE EXTINGUISHER WITHIN 75 FEET OF THE PUMP, DISPENSER, FILL LOCATION, LUBRICATION AND SERVICE ROOM.
   UST 280.10 (J) (FL/CL PART 3, SECTION 9-8)
   SPECIAL ATTENTION: HAVE FIRE EXTINGUISHER RECHARGED.
2. MISC. VIOLATIONS
   UST 280.10 (J) (FL/CL RULES)
   SPECIAL ATTENTION: PER.PART 3 SECTION 9-1.5 OF THE MICHIGAN FLAMMABLE / COMBUSTIBLE RULES. REMOVE HOLD OPEN CLIP ON THE KEROSENE NOZZLE.
3. FILL PIPE DROP TUBES SHALL TERMINATE WITHIN 6 INCHES FROM THE BOTTOM OF THE TANK.
   UST 280.10 (J) (FL/CL PART 2, SECTION 2-4.6.4)
   SPECIAL ATTENTION: IF STICK READINGS ARE DONE DAILY FOR INVENTORY RECONCILIATION ALL TANKS NEED DROP TUBES.
4. MISC. VIOLATIONS
   UST 280.10 (J) (FL/CL RULES)
   SPECIAL ATTENTION: PER.PART 2 SECTION 2-3.7.4 OF THE MICHIGAN FLAMMABLE / COMBUSTBLE RULES, INSTALL DROP TUBES IN GASOLINE TANKS.
5. REGISTRATION SHALL BE SUBMITTED WITHIN 30 DAYS OF TANK OR OWNER STATUS CHANGE.
   UST 280.22(A)
   SPECIAL ATTENTION: AMEND REGISTRATION FORM TO REFLECT CORRECT INFORMATION.(EXAMPLE PIPING IS MARKED UNKNOWN AND INSPECTOR SEEN ENVIROFLEX PIPING. CHANGE ALL INFORMATION PERTAINING TO UPGRADES ETC.)

<<< End of Cited Violations >>>

COMMENTS: PROVIDE DECEMBER 1997 INVENTORY RECONCILIATION RECORDS FOR RELEASE DETECTION. PROVIDE LATEST LINE TESTS,TANK TESTS, AND LEAK DETECTOR TESTS RESULTS TO THIS OFFICE. SUBMIT DOCUMENTATION THAT POSSIBLE WASTE OIL TANK WAS REMOVED FROM GROUND.INSPECTOR NOTED 6 VENT PIPES.(4 FOR TANKS, AND 1 COULD BE WASTE

Facility No: 0-033272 Comp No: 012698

Department of Environmental Quality
Underground Storage Tank Division

INSPECTION REPORT

Type of Inspection Performed: 1998 EXISTING INSPECTION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 4

Site Contact: LINDA BREEN Site Phone Number: (810) 752-7440
Owner's Representative: Representative's Phone:

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: TRI COUNTY PET INC Address: 3525 ROCHESTER RD TROY, MI 48083	Name: QWIK STOP #3 Address: 209 SOUTH MAIN ROMEO, MI 48065 County: MACOMB

OIL,AND 1 HEATING OIL TANKS.) FINANCIAL RESPONSIBILITY IS REQUIRED FOR UNDERGROUND STORAGE TANKS. ALSO DEC.22,1998 CORROSION PROTECTION IS NEEDED FOR TANKS, AND PIPING, OVERFILL PROTECTION FOR TANKS.

Inspection Status: FACILITY TEMPORARILY APPROVED

Date of Inspection: 01/26/98 Date Compliance is Required: 02/26/98

Signature: Douglas Kutzura H. M.S.I.
DOUGLAS KUTZURA

AUTHORITY: 1994 PA 451 and/or 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties, and/or Red Tagging the System.	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 Phone: (734) 432-1250 Fax: (734) 432-1295

PR3816E

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY • UNDERGROUND STORAGE TANK DIVISION

AUTOMOTIVE SERVICE STATION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the District file and one for the Headquarters file. All boxes shall be completed inserting N\A where non-applicable.

FACILITY NAME: Quik Stop #3	FACILITY ID NUMBER: 33272
CONTACT PERSON ON SITE: Linda Bressam	FACILITY TYPE: Gas Station

☑ PUBLIC AUTOMOTIVE SERVICE STATION (F31) ☐ PRIVATE AUTOMOTIVE SERVICE STATION (F32)

810-752-7440

FACILITY SECTION

SECTION		CODE	VIO	PASS
4-1	Dispenser violation	S10		✓
4-1.1	Dispenser location	S11		✓
4-2.5	Dispenser protected from damage/secured	S13		✓
4-2.6	Dispenser hose 18 feet or less	S14		✓
9-1.6	Splash guard on nozzle	S91		✓
4-3.6	Emergency valve tested	S94		✓
9-4.5	Emergency power disconnect	S93		✓
9-8	Fire extinguisher, 75 feet Recharge	S59	✓	
9-9	No smoking, stop motor, container	S22		✓

SECTION		CODE	VIO	PASS
4-2.7	Breakaway on hose	S15		✓
4-2.12	Containment under dispenser	S17		✓
4-3.6	Emergency valve installed	S18		✓
9-1.1	Automatic self-closing nozzle	S19		✓
9-4.7	Dispenser in view and communicate	S92		✓
9-9.1	Remain out of vehicle in view	S23		✓
9-4.6	Operating instructions posted	S25		✓
	Miscellaneous violation	S50	✓	
	Kero Nozzle · Ram. Clip			

LEAK DETECTION SECTION TANKS

SECTION		CODE	VIO	PASS
280.40	Release detection for tanks	U71	?	
280.43a	Inventory control	S42	?	
280.43b	Manual tank gauging	S43		NA
280.43c	Tank tightness testing	S44	?	
280.43d	Automatic tank gauging	U72	?	

SECTION		CODE	VIO	PASS
280.43	Vapor monitoring	U73		NA
280.43f	Groundwater monitoring	U74		NA
280.43g	Interstitial monitoring	U75		NA
280.43h	S.I.R	U93		NA
280.43h	Other	S49		NA

LEAK DETECTION SECTION PIPING

SECTION		CODE	VIO	PASS
280.40	Release detection for piping	U71	?	
280.44a	Line leak detector installed	U76		✓
280.41b(1)	Line tightness test\pressure	U88	?	
3-4.1	Pipe leaks	U62		✓

SECTION		CODE	VIO	PASS
280.44c	Interstitial (monthly) monitoring	U94		NA
280.44a	Line leak detector tested	U95	?	
280.41b	Line tightness test\suction every 3 years	U89	?	

RECORD KEEPING

SECTION		CODE	VIO	PASS
280.34	Record keeping	S60	?	
280.22a	Properly registered\fees paid	S61		✓
280.22h	Display proof of registration	S63		✓
280.93	Financial Responsibility	U92	✓	

SECTION		CODE	VIO	PASS
280.34	Cathodic protection records	S64		NA
280.34	Maintenance records	S65	?	
280.34	Release detection records	S67	?	
280.22a	O\O & tank registration info correct	S62	✓	

UNDERGROUND TANK SECTION

SECTION		CODE	VIO	PASS
280.20	Tank and piping violation	S30		✓
280.20c	Spill containment	U51		✓
280.20c	Overfill prevention	U52	?	
280.20	Cathodic protection for tanks and piping Enviroflex	U29		NA

SECTION		CODE	VIO	PASS
280.31b	C/P tested 6 months & 3 years	U30		NA
2-4.6.5	Location of fill pipe & identified	U46		✓
2-4.5.1	Vent pipes, 12 feet above grade	U32		✓
2-4.6.4	Drop tube within 6 inches of tank bottom	U45	✓	

COMMENTS: Enviroflex pipe at Kero & Diesel

INSPECTOR: Doug Ketzner DATE 1-26-98

EQ3836 (REV 10/97)

UNDERGROUND STORAGE TANK DIVISION DEQ
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
P O BOX 30157
LANSING MI 48909-7657

REGISTRATION FOR UNDERGROUND STORAGE TANKS

SMK MAR 12 1998

This information is required under 1994 PA 451. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: COMPLETE THIS FORM AND SEND TO THE DEQ, UST DIVISION, AT THE ABOVE ADDRESS. NEW TANKS ARE NOT CONSIDERED REGISTERED UNTIL THE DEQ, UST DIVISION HAS RECEIVED YOUR COMPLETED FORM AND A CHECK OR MONEY ORDER MADE PAYABLE TO THE "STATE OF MICHIGAN". THE ANNUAL REGISTRATION FEE FOR EACH TANK REGISTERED WITH THE DEQ, UST DIVISION IS $100.

TYPE OF NOTIFICATION: ☐ NEW REGISTRATION ☑ AMENDED INFO

04 NO. OF TANKS AT FACILITY

— NO. OF CONTINUATION SHEETS ATTACHED

FACILITY NUMBER (If known): 33272

I. OWNERSHIP OF TANKS

IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK ☐

OWNER NAME (Corporation/Individual, etc.): TRI COUNTY PET

MAILING ADDRESS: 3525 RUCKASTER Rd

CITY: TROY | STATE: MI | ZIP: 48083

COUNTY: OAK | TOWNSHIP:

TELEPHONE (Including Area Code): (248) - 620-0303

II. LOCATION OF TANKS

IF INFORMATION SAME AS SECTION I, PLEASE CHECK ☐

FACILITY NAME OR SITE IDENTIFIER: QUIK STOP #3

STREET ADDRESS (P.O. Box Not Acceptable): 209 S MAIN

CITY: ROMEO | STATE: MI | ZIP: 48065

COUNTY: MACOMB | TOWNSHIP:

TELEPHONE (Including Area Code): (810) - 752- 7440

III. TYPE OF OWNER

☐ FEDERAL GOVERNMENT
☐ STATE GOVERNMENT
☐ LOCAL GOVERNMENT
☐ COMMERCIAL
☑ PRIVATE

IV. INDIAN LANDS

☐ TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER INDIAN TRUST LANDS.

☐ TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.

TRIBE OR NATION:

V. TYPE OF FACILITY

☑ GAS STATION
☐ PETROLEUM DISTRIBUTOR
☐ AIR TAXI (AIRLINE)
☐ AIRCRAFT OWNER
☐ AUTO DEALERSHIP
☐ RAILROAD
☐ LOCAL GOVERNMENT
☐ STATE GOVERNMENT
☐ FEDERAL/NON-MILITARY
☐ FEDERAL-MILITARY
☐ COMMERCIAL
☐ INDUSTRIAL
☐ CONTRACTOR
☐ TRUCKING/TRANSPORT
☐ UTILITIES
☐ RESIDENTIAL
☐ FARM
☐ OTHER (Explain)

VI. CONTACT PERSON FOR LOCATION

NAME: JAMES HESTER | JOB TITLE: CFO | TELEPHONE (Including Area Code): (248) - 620-0303

VII. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES ☐ (Check All Items Below That Apply)

☐ SELF INSURANCE
☑ COMMERCIAL INSURANCE
☐ RISK RETENTION GROUP
☐ GUARANTEE
☐ SURETY BOND
☐ LETTER OF CREDIT
☐ TRUST FUND
☐ OTHER METHOD ALLOWED

VIII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THIS INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE: JAMES T. HESTER

SIGNATURE: James T Hester

DATE: 3/12/98

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete For Each Tank At This Location)

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	#	#	#	#
1. STATUS OF TANKS (Check One)								
CURRENTLY IN USE	☐	☐	☐	☐	☐	☐	☐	☐
TEMPORARILY OUT OF USE**	☐	☐	☐	☐	☐	☐	☐	☐
AMENDMENT OF INFORMATION	☐	☐	☐	☐	☐	☐	☐	☐
**Also Complete Section X								
If tanks are removed/closed, complete page 3, Section XI								
2. DATE OF INSTALLATION	1980	01 30	00 30	01 30				
3. ESTIMATED TOTAL CAPACITY (Gallons)	10,000	6000	(000	(000				
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)								
ASPHALT COATED OR BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
EPOXY COATED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
COMPOSITE (Steel With Fiberglass)	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
LINED INTERIOR	☑	☑	☑	☑	☐	☐	☐	☐
DOUBLE WALLED	☐	☐	☐	☐	☐	☐	☐	☐
POLYETHYLENE TANK JACKET	☐	☐	☐	☐	☐	☐	☐	☐
CONCRETE	☐	☐	☐	☐	☐	☐	☐	☐
EXCAVATION LINER	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please specify)								
HAS TANK BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐
6. PIPING MATERIAL (Mark All That Apply)								
BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
GALVANIZED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
COPPER	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED	☐	☐	☐	☐	☐	☐	☐	☐
DOUBLE WALLED	☑	☑	☑	☑	☐	☐	☐	☐
SECONDARY CONTAINMENT	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please specify)								
6. PIPING (Typing) (Mark All That Apply)								
SUCTION: NO VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
SUCTION: VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
PRESSURE (Remote)	☑	☑	☑	☑	☐	☐	☐	☐
PRESSURE (Gravity Fed)	☐	☐	☐	☐	☐	☐	☐	☐
HAS PIPING BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐
5. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE	☑	☐	☑	☑	☐	☐	☐	☐
DIESEL	☐	☑	☐	☐	☐	☐	☐	☐
GASOHOL	☐	☐	☐	☐	☐	☐	☐	☐
KEROSENE	☐	☐	☑	☐	☐	☐	☐	☐
(Not For Consumptive Use On Premises) FUEL OIL	☐	☐	☐	☐	☐	☐	☐	☐
USED OIL	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please specify)								
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	☐	☐	☐	☐	☐	☐	☐	☐

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – UNDERGROUND STORAGE TANK DIVISION

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	#	#	#	#
CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)								
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)								
C. TANK WAS REMOVED FROM GROUND	☐	☐	☐	☐	☐	☐	☐	☐
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	☐	☐	☐	☐	☐	☐	☐	☐
E. CHANGE IN SERVICE	☐	☐	☐	☐	☐	☐	☐	☐

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

	# 1		# 2		# 3		# 4		#		#		#		#	
INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	☐		☐		☐		☐		☐		☐		☐		☐	
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	☑		☑		☑		☑		☐		☐		☐		☐	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	☐		☐		☐		☐		☐		☐		☐		☐	
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	☐		☐		☐		☐		☐		☐		☐		☐	
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)																
RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	☐		☐		☐		☐		☐		☐		☐		☐	
B. TANK TIGHTNESS TESTING	☐		☐		☐		☐		☐		☐		☐		☐	
C. INVENTORY CONTROL	☑		☑		☑		☑		☐		☐		☐		☐	
D. AUTOMATIC TANK GAUGING	☑		☑		☑		☑		☐		☐		☐		☐	
E. VAPOR MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. GROUNDWATER MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
I. AUTOMATIC LINE LEAK DETECTORS	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
J. LINE TIGHTNESS TESTING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)																
SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	☑		☑		☑		☑		☐		☐		☐		☐	
B. SPILL DEVICE INSTALLED	☐		☐		☐		☐		☐		☐		☐		☐	
HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	☐		☐		☐		☐		☐		☐		☐		☐	
B. NO	☑		☑		☑		☑		☐		☐		☐		☐	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: _____ NAME PRINTED _____ SIGNATURE _____ DATE

_____ POSITION _____ COMPANY

EQP-3921 (Rev. 11/96

MICHIGAN DEPARTMENT OF STATE POLICE

RELEASE REPORT FORM

(PLEASE CHECK ONE) ☐ SUSPECTED ☒ CONFIRMED

33272

IMPLEMENTING AGENCY:
MICHIGAN STATE POLICE
FIRE MARSHAL DIVISION

FMD USE ONLY: Facility Number
Upgrade/Cancel Date | Incident Number
Data Entry Clerk Initials & Date

Person Reporting Release: Robert McPherson TLH MAR 17 1995
Company (if not owner/operator)
Telephone (include Area Code): (810) 680-0303

I. OWNERSHIP OF TANKS

IF NEW OWNERS ADDRESS, PLEASE CHECK ☐

Tri-County Petroleum, Inc.
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

OWNER NAME (2ND LINE)

3525 Rochester Road
STREET ADDRESS

Troy, Michigan 48083
CITY STATE ZIP

(810) 680-0303
TELEPHONE (INCLUDE AREA CODE)

Charles Oke, President
CONTACT PERSON

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☐

Qwik Stop #3
FACILITY NAME OR C.O. SITE IDENTIFIER

209 South Main Street
STREET ADDRESS (P.O. BOX NOT ACCEPTABLE)

Romeo Michigan 48065
CITY STATE ZIP

MaComb
COUNTY TOWNSHIP

(810) 752-7440
TELEPHONE (INCLUDE AREA CODE)

Date Release Discovered: March 15, 1995 Time Release Discovered: 11:00 a.m.

Size of Tank (gallons)	Substance Released	Construction of Tank	Reason for Believing Release Occurred: (presence of product, failed tightness test, vapors, stains)
6,000 gal.	No. 2 Diesel	Bare Steel	Release detection alarm went off; subsequent line tightness test failed.

COMMENTS:

NAME OF PERSON REPORTING (PRINT OR TYPE) | SIGNATURE

9:57 am ATTENTION: SEE REVERSE SIDE FOR INSTRUCTIONS

DISTRIBUTION: FMD USE ONLY
WHITE - FIRE MARSHAL DIVISION/HAZARDOUS MATERIALS SECTION
CANARY - FIRE MARSHAL DIVISION FIELD OFFICE
PINK - DEPT. OF MANAGEMENT & BUDGET
GOLDENROD - OWNER
WORKSHEET - REGIONAL OFFICE

AUTHORITY: 1984 PA 423
COMPLIANCE: Required
PENALTY: Misdemeanor. Civil Penalties not to exceed $5,000 per day, per tank

MICHIGAN DEPARTMENT OF STATE POLICE

RELEASE REPORT FORM

(PLEASE CHECK ONE) [ ] SUSPECTED [X] CONFIRMED

IMPLEMENTING AGENCY:

MICHIGAN STATE POLICE
FIRE MARSHAL DIVISION

FMD USE ONLY:	Facility Number
Upgrade/Cancel Date	Release Number
Data Entry Clerk Initials & Date	

Person Reporting Release:

Robert McPherson

Company (if not owner/operator)

Telephone (Include Area Code)
(810) 680-0103

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
IF DEQ OWNERS ADDRESS, PLEASE CHECK [ ]	IF SAME AS SECTION I, PLEASE CHECK [ ]
Tri-County Petroleum, Inc.	Quik Stop #3
Owner Name (or Corporation/Individual, etc.)	Facility Name (if Applicable)
	209 South Main Street
Owner Address	Street Address (P.O. Box not Acceptable)
[illegible] Rochester Road	Romeo Michigan 4806[illegible]
Street Address	City State Zip
Troy, Michigan 48083	Macomb
City State Zip	County
(810) [illegible]	(810) 752-[illegible]
Telephone (Include Area Code)	Telephone (Include Area Code)
Charles Oke, President	
Contact Person	

Date Release Discovered: March 15, 1995 Time Release Discovered: 11:00 a.m.

Size of Tank (gallons)	Substance Released	Construction of Tank	Reason for Believing Release Occurred: (presence of product, failed tightness test, vapors, etc.)
[illegible]000 gal.	No. 2 Diesel	Bare Steel	Release detection alarm went off;
			subsequent line tightness test failed.

COMMENTS:

Date/Time Reported (FMD USE ONLY) [ ] FAX [ ] Voice Mail | Authorizing Signature

ATTENTION: SEE REVERSE SIDE FOR INSTRUCTIONS

DISTRIBUTION: FMD USE ONLY
WHITE: FIRE MARSHAL DIVISION HAZARDOUS MATERIALS SECTION
CANARY: FIRE MARSHAL DIVISION FIELD OFFICE
PINK: DEPT. OF MANAGEMENT & BUDGET
GOLDENROD: OWNER
[illegible]: DNR FIELD OFFICE

AUTHORITY: 1984 PA 423
COMPLIANCE: Required
PENALTY: Misdemeanor. Civil Penalties not to exceed $5,000 per day, per tank

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0019
APPROVAL EXPIRES 5-30-88

FOR TANKS IN **MI**

RETURN COMPLETED FORM TO

Department of State Police
Fire Marshal Division (UST)
7150 Harris Drive
Lansing, MI 48913
For information: 1-800-MICH-UST

FEB 15 1990

STATE USE ONLY
ID Number 033272
Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:
1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must by completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached: ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Tri-County Petroleum, Inc. 16626

Street Address: 3525 Rochester Rd

County: OaklanddCnty

City: Troy, MI State: 48083 ZIP Code:

Area Code: Phone Number:

Type of Owner (*Mark all that apply* ☒)

- ☒ Current
- ☐ Former
- ☐ State or Local Gov't
- ☐ Federal Gov't (GSA facility I.D. no. _____)
- ☐ Private or Corporate
- ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable: Qwik Stop #3

Street Address or State Road, as applicable: 209 S. Main

County: Macomb

City (nearest): Romeo, State: MI ZIP Code: 48065

Indicate number of tanks at this location: 4

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands: ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐): Bobby L. McPherson

Job Title: General Manager

Area Code / Phone Number: 313-680-0303

IV. TYPE OF NOTIFICATION

☒ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative: Charles O Oke - President

Signature:

Date Signed: January 1990

CONTINUE ON REVERSE SIDE

033272

Owner Name (from Section I) Tri-County Petro.Inc. Location (from Section II) Qwik Stop #3 Page No. 2 of 2 Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No.
1. Status of Tank (Mark all that apply ☒)					
Currently In Use	X	X	X	X	
Temporarily Out of Use					
Permanently Out of Use					
Brought Into Use after 5/8/86					
2. Estimated Age (Years)	24	24	24	10	
3. Estimated Total Capacity (Gallons)	6000	6000	6000	12000	
4. Material of Construction (Mark one ☒)					
Steel	X	X	X	X	
Concrete					
Fiberglass Reinforced Plastic					
Unknown					
Other, Please Specify					
5. Internal Protection (Mark all that apply ☒)					
Cathodic Protection					
Interior Lining (e.g., epoxy resins)					
None					
Unknown	X	X	X	X	
Other, Please Specify					
6. External Protection (Mark all that apply ☒)					
Cathodic Protection					
Painted (e.g., asphaltic)					
Fiberglass Reinforced Plastic Coated					
None					
Unknown	X	X	X	X	
Other, Please Specify					
7. Piping (Mark all that apply ☒)					
Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Cathodically Protected					
Unknown	X	X	X	X	
Other, Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)					
a. Empty					
b. Petroleum					
Diesel		X			
Kerosene			X		
Gasoline (Including alcohol blends)	X			X	
Used Oil					
Other, Please Specify					
c. Hazardous Substance					
Please Indicate Name of Principal CERCLA Substance					
OR					
Chemical Abstract Service (CAS) No.					
Mark box ☒ if tank stores a mixture of substances					
d. Unknown					
9. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	/	/	/	/	/
b. Estimated quantity of substance remaining (gal.)					
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)					

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

September 13, 2004

Tri County Petro
3525 Rochester Rd
Troy, MI 48083

Dear Owner/Operator:

SUBJECT: Nonpayment of Fee(s) for Underground Storage Tank(s)

The Department of Environmental Quality (DEQ), Waste and Hazardous Materials Division (WHMD), has not received payment for the underground storage tank(s) (UST) located at Qwik Stop #3, 209 S Main St, Romeo, Michigan, Facility Number 00033272.

Pursuant to Section 21102 (8) of Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, "the owner of an underground storage tank system shall, upon registration or renewal of registration, pay a registration fee of $100 for each underground storage tank included in that underground storage tank system." The fee is owed on any regulated UST that exists at the facility whether the tank is active or not.

You were invoiced for your registration fee on March 1, 2004. Your current balance of $400 is now past due and must be paid immediately. Please send your check, indicating your facility ID number, made payable to the **"State of Michigan,"** to the DEQ, Cashiers Office, P.O. Box 30657, Lansing, Michigan 48909.

If the WHMD does not receive payment within 30 days of the date of this letter, your UST(s) will be red tagged and, as such, cannot be filled. Further, you may be subject to escalated enforcement action.

Should you have reason to dispute all or part of these registration fees, you must submit and the WHMD must receive a written statement, together with all documentation in support of your position, within 21 days of the date of this letter. The information must be sent to the DEQ, WHMD, P.O. Box 30241, Lansing, Michigan 48909. If any of the following are the basis for your dispute, the identified information must be received for consideration of your dispute by the DEQ:

Change In Ownership

- Documents sufficient to demonstrate that a legal, equitable, or possessory interest of any kind in a UST system or in the property on which a UST system is located was transferred to another person. These documents should include a copy of the instrument of conveyance (e.g., trusts, land contracts, lease agreements, and recorded quit claim or warranty deeds).

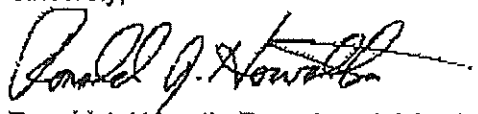
- An amended Registration of Underground Storage Tanks form, Form EQP3821 (REV 04/01). As required by Rule 13, Section 280.22(a) of the Michigan Underground Storage Tank Rules, 1999 AACS R 29.2101 et seq. (MUSTR), a new owner of an existing UST system shall register the UST system with the DEQ within 30 days of ownership on the above form.

UST Removal

- An amended Registration of Underground Storage Tanks form, Form EQP3821(REV 04/01).
- As required by Rule 53, Section 280.71(f) of the MUSTR, the owner or operator shall sign and submit to the DEQ an amended registration form within 30 days of permanent closure or, in place of an amended registration form, a site assessment form, signed by the owner, within 45 days of permanent closure.
- As required by subsection 21102(10) of Part 211, the owner of a UST system is responsible to pay registration fees on USTs that have been closed or removed until notification of the closure or removal is provided to the DEQ.

If you have additional questions concerning this matter, please contact me.

Sincerely,



Ronald J. Horvath, Departmental Analyst
Waste and Hazardous Materials Division
517-373-6247

cc: Facility File

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

August 16, 2006

Busam Tobia
209 S Main ST
Romeo, MI 48065

Dear Owner/Operator:

SUBJECT: Nonpayment of Fee(s) for Underground Storage Tank(s)

The Department of Environmental Quality (DEQ), Waste and Hazardous Materials Division (WHMD), has not received payment for the underground storage tank(s) (UST) located at Kahara Petroleum Inc, 209 S Main St, Romeo, Michigan, Facility Number 00033272.

Pursuant to Section 21102 (8) of Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, "the owner of an underground storage tank system shall, upon registration or renewal of registration, pay a registration fee of $100 for each underground storage tank included in that underground storage tank system." The fee is owed on any regulated UST that exists at the facility whether the tank is active or not.

You were invoiced for your registration fee on March 1, 2006. Your current balance of $400.00 is now past due and must be paid immediately. Please send your check, indicating your facility ID number, made payable to the **"State of Michigan,"** to the DEQ, Cashiers Office, P.O. Box 30657, Lansing, Michigan 48909.

If the WHMD does not receive payment within 30 days of the date of this letter, your UST(s) will be red tagged and, as such, cannot be filled. Further, you may be subject to escalated enforcement action.

Should you have reason to dispute all or part of these registration fees, you must submit and the WHMD must receive a written statement, together with all documentation in support of your position, within 21 days of the date of this letter. The information must be sent to the DEQ, WHMD, P.O. Box 30241, Lansing, Michigan 48909. If any of the following are the basis for your dispute, the identified information must be received for consideration of your dispute by the DEQ:

Change In Ownership

- Documents sufficient to demonstrate that a legal, equitable, or possessory interest of any kind in a UST system or in the property on which a UST system is located was transferred to another person. These documents should include a copy of the instrument of conveyance (e.g., trusts, land contracts, lease agreements, and recorded quit claim or warranty deeds).
- An amended Registration of Underground Storage Tanks form, Form EQP3821 (REV 04/01). As required by Rule 13, Section 280.22(a) of the Michigan Underground Storage Tank Rules, 1999 AACS R 29.2101 et seq. (MUSTR), a new

owner of an existing UST system shall register the UST system with the DEQ within 30 days of ownership on the above form.

UST Removal

- An amended Registration of Underground Storage Tanks form, Form EQP 3821(REV 04/01).
- As required by Rule 53, Section 280.71(f) of the MUSTR, the owner or operator shall sign and submit to the DEQ an amended registration form within 30 days of permanent closure or, in place of an amended registration form, a site assessment form, signed by the owner, within 45 days of permanent closure.
- As required by subsection 21102(10) of Part 211, the owner of a UST system is responsible to pay registration fees on USTs that have been closed or removed until notification of the closure or removal is provided to the DEQ.

If you have additional questions concerning this matter, please contact me.

Sincerely,

Ronald J. Horvath, Departmental Analyst
Storage Tank Unit
Storage Tank and Solid Waste Section
Waste and Hazardous Materials Division
517-373-6247

cc: Facility File

DEQ

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Romeo Village Marathon
40284 Skender
Clinton Township, MI 48038

Location of Tanks:

KLW OCT 2 6 2007

Romeo Village Marathon
209 S Main St
Romeo, MI 48065-5127
County - Macomb
Facility ID - 00033272

ATTENTION: Romeo Village Marathon

An Existing Facility Inspection was conducted on October 18, 2007, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 1999 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that the facility is disapproved.

1 Dispenser shall be in clear view of attendant and be able to communicate.
UST 280.10(J) (FL/CL Part3, Section 9.4.5)

Special Attention : Install intercom.

2 Line leak detectors shall be tested annually.
Section 280.44(A)

Special Attention : Perform yearly tests required.

3 Pressurized piping shall be tested annually in accordance with Section 280.44(B).
Section 280.41(B)(1)(II)

Special Attention : Perform yearly tests required.

4 An emergency shutoff valve with a fusible link shall be manually tested annually.
UST 280.10(J) (FL/CL Part 3, Section 6.3.9.1)

Special Attention : Perform yearly tests required.

5 Automatic tank gauging shall be capable of detecting a 0.2 gallon per hour leak rate.
UST 280.43(D)

Special Attention : Program monitor to test tanks weekly so a pass tank test for each tank can be made at least once a month. Need at least 30 percent in tanks during tests and cannot pump during test time.

6 Tank tightness testing shall be capable of detecting 0.1 gallon per hour leak rate.
UST 280.43(C)

Special Attention : Perform precision tank tests on all 4 tanks due to monitor not testing tanks.

7 Miscellaneous Violations
UST 280.10 (J) (FL/CL RULES)

Special Attention : Section 280.21(3)(b)(1)(i)
Need to perform 10 year internal inspection on all 4 lined tanks. Tanks were lined in 1996.

8 Inoperative spill protection.
UST 280.20(c)

Special Attention : Empty all spill containers so they can contain a spill.

9 Fill pipe drop tubes shall terminate within 6 inches from the bottom of the tank.
UST 280.10 (J) (FL/CL Part 2, Section 2.3.3.4.4)

Special Attention : Install drop tubes in Diesel and Kerosene tanks. (2 needed)

10 Inoperative overfill protection.
UST 280.20(C)

Special Attention : Install in Diesel and Kerosene tanks.(2 Needed)
Also remove tank stick from white no lead tank so overfill can function properly.

The inspection and violations (if any) were discussed with Angelo Lomedico at the time of the inspection.

Documentation shall be furnished to the district office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by December 18, 2007. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Part 211 of Act 451, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.

12-18-07

Douglas Kutzura
Hazardous Materials Storage Inspector
SE Michigan District Office
27700 Donald Court
Warren, MI 48092-2793
Phone: 586-753-3843
Fax: 586-753-3831
Email: kutzurad@michigan.gov

Date

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - WASTE AND HAZARDOUS MATERIALS DIVISION

AUTOMOTIVE SERVICE STATION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the District file and one for the Headquarters file. All boxes shall be completed inserting N/A where non-applicable.

FACILITY NAME: Lomas Village Marathon

FACILITY ID NUMBER: 38272

CONTACT PERSON ON SITE: Angelo Lamedico

Phone # 586-752-7440

FACILITY TYPE: Public ✓ Private

OPERATION SECTION

SECTION		CODE	VIO	PASS
6.7	Emergency power disconnect	S93		✓
9.2.5.2	Fire extinguisher, 100 feet	S59		✓
9.4.5	Dispenser in view and communicate	S92	✓	
280.93	Financial Responsibility	U92		✓
280.22h	Display proof of registration	S63		✓
280.22a	Registration submitted 30 days	S62		✓
280.22a	Properly registered & fees paid	S61		✓
6.2.1	Electric Cert.	U70		✓
	Miscellaneous violation	S50		

RECORDS

SECTION		CODE	VIO	PASS
280.34	Maintenance records	S65		
280.44a	Line leak detector tested	U95	✓	
280.41b(1)	Line tightness test - pressure	U88	✓	
280.41b	Line test - suction every 3 years	U89		NA
6.3.9.1.	Emergency valve tested	S94	✓	
280.34	Gen. Record Keeping Violation	S60		
280.34	Release det records (2yrs & 5 yrs)	S67	✓	
280.31b	C/P tested 6 months & 3 years	U30	N/A	N/A
280.31c	Impressed current, 60 day log	S35	N/A	N/A
280.34	Cathodic protection records*	S64	N/A	N/A
*NOTE-	Includes CP upgrade testing results			

RELEASE DETECTION

SECTION		CODE	VIO	PASS
280.40	Release detection for tanks	U71	✓	
280.43a	Inventory control (not stand alone)	S42		✓
280.43b	Manual gauging (less then 550)	S43		NA
280.43c	Tank tightness testing	S44	✓	
280.43d	Automatic tank gauging	U72	✓	
280.43e	Vapor monitoring (approval req.)	U73	N/A	N/A
280.43f	Groundwater monit. (Stand alone)	U74	N/A	N/A
280.43g	Interstitial monitoring (Stand alone)	U75	N/A	N/A
280.43h	S.I.R (Stand alone)	U93	N/A	N/A
280.43h	Other	S40	N/A	N/A

DISPENSER SECTION

SECTION		CODE	VIO	PASS
6.1	Dispenser violation	S10		✓
6.2.3.	Dispenser loc. (10' prop & openings)	S11		✓
6.3.4.	Disp. Protected; damage/secured	S13		✓
6.5.1.	Dispenser hose 18 feet or less	S14		✓
6.6.6.	Splash guard on nozzle	S91		✓
9.2.5.4.	No smoking, stop motor, container	S22		✓
9.2.5.4.	Remain out of vehicle in view	S23		✓
6.5.2.	Breakaway on hose	S15		✓
6.3.4.1.	Containment under dispenser	S17		NA
6.3.9.	Emergency valve installed	S18		✓
6.1.1.	Automatic self-closing nozzle	S19		✓
9.4.4.	Operating instructions posted	S25		✓
6.3.3.	Operates only with handle removed	S12		✓
6.3.5.	Class 1 Disp. 20 feet from fuel oil	none		NA

UNDERGROUND TANK SECTION

SECTION		CODE	VIO	PASS
280.20	Tank misc. violation	S30		✓
280.20c	Spill containment - Testing request	U51	—	—
280.20c	Spill containment - Inoperative (Empty)	U101	✓	
2.3.3.4.3.	Tight fitting hose conn (1,000 & up)	U44		✓
280.20c	Overfill prevention - Testing request	U52	—	—
280.20C	Overfill Prevention - Inoperative	U102	✓	
2.3.3.4.	Location of fill pipe & identified	U46		✓
3.7.2.1.	Vent pipes, 12 feet Class 1 liquid	U32		✓
3.7.2.4.	Vent pipes, Class II & IIIA	U33		✓
2.3.3.4.	Drop tube: 6 inches of tank bottom	U45	✓	
2.2.3.1	Tanks Proper design & Construction	U12		✓
280.20	Cathodic protection for tanks	U29		✓

PIPING SECTION

SECTION		CODE	VIO	PASS
280.40	Release detection for piping	U71	✓	
280.44a	Line leak detector installed	U76		✓
280.20	Cathodic protection for piping	U29		✓
280.44c	Interstitial (monthly) monitoring	U94		NA
3.2.2.	Pipe leaks	U62		✓
280.20b	Piping shall be approved material	U61		✓

Tank Construction: Steel Lined 1996 Piping Material: Enviroflex Has GPS readings been taken ____

Piping; Suction ____ Pressure ✓ Sump Sensors: Yes ____ No ✓ Tank Monitor Model TLS 350

COMMENTS: Reg + Diesel droptubes + overfill [illegible] all lined
white w/l [illegible] tank stick [illegible] lined in 1996 (prior [illegible])

INSPECTOR: [signature] DATE 12-18-07

DEQ

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS DIVISION

RECEIVED DEC 11 2007

FACILITY INSPECTION REPORT

Owner Name & Address:

Romeo Village Marathon
40284 Skender
Clinton Township, MI 48038

Location of Tanks:

Romeo Village Marathon
209 S Main St
Romeo, MI 48065-5127
County - Macomb
Facility ID - 00033272

ATTENTION: Romeo Village Marathon

A Records Investigation was conducted on November 29, 2007, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 1999 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that the facility is disapproved.

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Section 280.41(B)(1)(II)

Special Attention : Perform yearly tests required.

4 An emergency shutoff valve with a fusible link shall be manually tested annually.
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Special Attention : Install drop tubes in Diesel and Kerosene tanks. (2 needed)

9 Inoperative overfill protection.
UST 280.20(C)

Special Attention : Install in Diesel and Kerosene tanks.(2 Needed)
Also remove tank stick from white no lead tank so overfill can function properly.

Received tank internal inspections from Service Station Installation. Remaining violations still need to be corrected.

Documentation shall be furnished to the district office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by December 18, 2007. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Part 211 of Act 451, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.

Douglas Kutzura 11-29-07

Douglas Kutzura
Hazardous Materials Storage Inspector
SE Michigan District Office
27700 Donald Court
Warren, MI 48092-2793
Phone: 586-753-3843
Fax: 586-753-3831
Email: kutzurad@michigan.gov

Date

UNDERGROUND STORAGE TANK DIVISION DEQ
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
P O BOX 30157
LANSING MI 48909-7657

REGISTRATION FOR UNDERGROUND STORAGE TANKS

SMK DEC 17 1998

This information is required under "1984 PA 451." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: COMPLETE THIS FORM AND SEND TO THE DEQ, UST DIVISION, AT THE ABOVE ADDRESS. NEW TANKS ARE NOT CONSIDERED REGISTERED UNTIL THE DEQ, UST DIVISION HAS RECEIVED YOUR COMPLETED FORM AND A CHECK OR MONEY ORDER MADE PAYABLE TO THE "STATE OF MICHIGAN". THE ANNUAL REGISTRATION FEE FOR EACH TANK REGISTERED WITH THE DEQ, UST DIVISION IS $100.

TYPE OF NOTIFICATION: ☐ NEW REGISTRATION ☑ AMENDED INFO.

FACILITY NUMBER (If known): 33272

4 NO. OF TANKS AT FACILITY
____ NO. OF CONTINUATION SHEETS ATTACHED

I. OWNERSHIP OF TANKS

IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK ☐

OWNER NAME (Corporation/Individual, etc.): TRI COUNTY PET.

MAILING ADDRESS: 3525 ROCHESTER Rd

CITY: TROY | STATE: MI | ZIP: 48083

COUNTY: OAKLAND | TOWNSHIP:

TELEPHONE (Including Area Code): (248) 680-0303

II. LOCATION OF TANKS

IF INFORMATION SAME AS SECTION I, PLEASE CHECK ☐

FACILITY NAME OR SITE IDENTIFIER: QUIK STOP #3

STREET ADDRESS (P.O. Box Not Acceptable): 209 S MAIN

CITY: ROMEO | STATE: MI | ZIP: 48065

COUNTY: MACOMB | TOWNSHIP:

TELEPHONE (Including Area Code): (810) 752 7440

III. TYPE OF OWNER

☐ FEDERAL GOVERNMENT ☐ COMMERCIAL
☐ STATE GOVERNMENT ☑ PRIVATE
☐ LOCAL GOVERNMENT

IV. INDIAN LANDS

☐ TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER INDIAN TRUST LANDS.
☐ TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.
TRIBE OR NATION: _____

V. TYPE OF FACILITY

☑ GAS STATION
☐ PETROLEUM DISTRIBUTOR
☐ AIR TAXI (AIRLINE)
☐ AIRCRAFT OWNER
☐ AUTO DEALERSHIP
☐ RAILROAD
☐ LOCAL GOVERNMENT
☐ STATE GOVERNMENT
☐ FEDERAL/NON-MILITARY
☐ FEDERAL-MILITARY
☐ COMMERCIAL
☐ INDUSTRIAL
☐ CONTRACTOR
☐ TRUCKING/TRANSPORT
☐ UTILITIES
☐ RESIDENTIAL
☐ FARM
☐ OTHER (Explain)

VI. CONTACT PERSON FOR LOCATION

NAME	JOB TITLE	TELEPHONE (Including Area Code)
JAMES HESTER	CEO	(248) 680-0303

VII. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES ☐ (Check All Items Below That Apply)

☐ SELF INSURANCE
☑ COMMERCIAL INSURANCE
☐ RISK RETENTION GROUP
☐ GUARANTEE
☐ SURETY BOND
☐ LETTER OF CREDIT
☐ TRUST FUND
☐ OTHER METHOD ALLOWED

VIII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATURE	DATE
JAMES J. HESTER CEO	James J. Hester	12/11/98

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete For Each Tank At This Location)**								
TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	#	#	#	#
1. STATUS OF TANKS (Check One)								
CURRENTLY IN USE	☑	☑	☑	☑	☐	☐	☐	☐
TEMPORARILY OUT OF USE **	☐	☐	☐	☐	☐	☐	☐	☐
AMENDMENT OF INFORMATION	☐	☐	☐	☐	☐	☐	☐	☐
**Also Complete Section X (If tanks are removed/closed, complete page 3, Section X)								
2. DATE OF INSTALLATION								
3. ESTIMATED TOTAL CAPACITY (Gallons)	10,000	6,000	6,000	6,000				
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)								
ASPHALT COATED OR BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
EPOXY COATED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
COMPOSITE (Steel With Fiberglass)	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
LINED INTERIOR	☑	☑	☑	☑	☐	☐	☐	☐
DOUBLE WALLED	☐	☐	☐	☐	☐	☐	☐	☐
POLYETHYLENE TANK JACKET	☐	☐	☐	☐	☐	☐	☐	☐
CONCRETE	☐	☐	☐	☐	☐	☐	☐	☐
EXCAVATION LINER	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please Specify)	FRP	FRP	FRP	FRP				
HAS TANK BEEN REPAIRED?	☐ FRP	☐	☐	☐	☐	☐	☐	☐
5. PIPING MATERIAL (Mark All That Apply)								
BARE STEEL	☐	☐	☐	☐	☐	☐	☐	☐
GALVANIZED STEEL	☐	☐	☐	☐	☐	☐	☐	☐
FIBERGLASS REINFORCED PLASTIC	☐	☐	☐	☐	☐	☐	☐	☐
COPPER	☐	☐	☐	☐	☐	☐	☐	☐
CATHODICALLY PROTECTED	☐	☐	☐	☐	☐	☐	☐	☐
DOUBLE WALLED	☑	☑	☑	☑	☐	☐	☐	☐
SECONDARY CONTAINMENT	☐	☐	☐	☐	☐	☐	☐	☐
UNKNOWN	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please Specify)								
6. PIPING (Type) (Mark All That Apply)								
SUCTION: NO VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
SUCTION: VALVE AT TANK	☐	☐	☐	☐	☐	☐	☐	☐
PRESSURE (Remote)	☑	☑	☑	☑	☐	☐	☐	☐
PRESSURE (Gravity Fed)	☐	☐	☐	☐	☐	☐	☐	☐
HAS PIPING BEEN REPAIRED?	☐	☐	☐	☐	☐	☐	☐	☐
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE	☑	☐	☐	☑	☐	☐	☐	☐
DIESEL	☐	☑	☐	☐	☐	☐	☐	☐
GASOHOL	☐	☐	☐	☐	☐	☐	☐	☐
KEROSENE	☐	☐	☑	☐	☐	☐	☐	☐
(Not For Consumptive Use On Premises) FUEL OIL	☐	☐	☐	☐	☐	☐	☐	☐
USED OIL	☐	☐	☐	☐	☐	☐	☐	☐
OTHER (Please Specify)								
HAZARDOUS SUBSTANCE	☐	☐	☐	☐	☐	☐	☐	☐
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER								

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	#	#	#	#
1. CLOSING OF TANK A. ESTIMATED DATE LAST USED (Month/Day/Year)								
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)								
C. TANK WAS REMOVED FROM GROUND	☐	☐	☐	☐	☐	☐	☐	☐
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	☐	☐	☐	☐	☐	☐	☐	☐
E. CHANGE IN SERVICE	☐	☐	☐	☐	☐	☐	☐	☐

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

1. INSTALLATION A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	☑		☑		☑		☑		☐		☐		☐		☐	
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	☐		☐		☐		☐		☐		☐		☐		☐	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	☐		☐		☐		☐		☐		☐		☐		☐	
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	☐		☐		☐		☐		☐		☐		☐		☐	
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)																
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	☐		☐		☐		☐		☐		☐		☐		☐	
B. TANK TIGHTNESS TESTING	☑		☑		☑		☑		☐		☐		☐		☐	
C. INVENTORY CONTROL	☑		☑		☑		☑		☐		☐		☐		☐	
D. AUTOMATIC TANK GAUGING	☑		☑		☑		☑		☐		☐		☐		☐	
E. VAPOR MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. GROUNDWATER MONITORING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐
I. AUTOMATIC LINE LEAK DETECTORS		☑		☑		☑		☑		☐		☐		☐		☐
J. LINE TIGHTNESS TESTING		☑		☑		☑		☑		☐		☐		☐		☐
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)																
3. SPILL AND OVERFILL PROTECTION A. OVERFILL DEVICE INSTALLED	☑		☑		☑		☑		☐		☐		☐		☐	
B. SPILL DEVICE INSTALLED	☑		☑		☑		☑		☐		☐		☐		☐	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION? A. YES	☐		☐		☐		☐		☐		☐		☐		☐	
B. NO	☑		☑		☑		☑		☐		☐		☐		☐	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: _____ _____ _____

NAME PRINTED SIGNATURE DATE

_____ _____

POSITION COMPANY

MICHIGAN DEPARTMENT OF NATURAL RESOURCES DNR
UNDERGROUND STORAGE TANK DIVISION

FACILITY NUMBER (see invoice)
33272

NOTIFICATION OF UNDERGROUND STORAGE TANK REMOVAL, CLOSURE OR CHANGE-IN-SERVICE

This information is required under Act 423, P. A. 1984, as amended. Any owner/operator who fails to notify is subject to a misdemeanor and civil penalities not to exceed $5,000 per day for each tank.

INSTRUCTIONS: NOTICES WILL ONLY BE ACCEPTED ON THIS FORM. YOUR UST MUST BE REGISTERED PRIOR TO SUBMITTAL OF THIS FORM. Please type or print clearly. ALL information must be completed. Return all pages of the form to the UST Division, Department of Natural Resources, P O Box 30157, Lansing, MI 48909-7657. See reverse side for additional information. If you have any questions, call 517-373-8168, Monday through Friday, between 8:00 a.m. - 5:00 p.m.

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
☐ PLEASE CHECK IF NEW OWNER'S ADDRESS			☐ PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) Tri-County Petroleum, Inc.			FACILITY NAME OR COMPANY SITE IDENTIFIER Qwik Stop #3		
STREET ADDRESS 3525 Rochester Road			STREET ADDRESS (P O Box Not Acceptable) 209 South Main Street		
CITY Troy	STATE MI	ZIP CODE 48083	CITY Romeo	STATE MI	ZIP CODE 48065
COUNTY Oakland	TOWNSHIP		COUNTY Macomb	TOWNSHIP	
AREA CODE & TELEPHONE NUMBER 810-680-0303	CONTACT PERSON FOR LOCATION Charles Oke		AREA CODE & TELEPHONE NUMBER 810-752-7440		

TANK INFORMATION

ANTICIPATED REMOVAL DATED:

TANK NUMBER AS INDICATED ON UST INVOICE	PRODUCT LAST STORED IN TANK	SIZE OF TANK (gallons)	INDICATE ACTION TO BE TAKEN: REMOVAL, CHANGE-IN-SERVICE, CLOSE IN PLACE
2	Diesel	6,000	Removal

RECEIVED
MAR 28 P 2:41
DEPT OF NATURAL RESOURCES
UST DIVISION

ATTACH CONTINUATION SHEETS IF NECESSARY

Notification Submitted by (Print Name)	Company	
ROBIN M. VOZAR	Advanced Environmental, Inc.	
Signature Robin M Vozar	Date 3-24-95	Area Code & Telephone Number (810) 238-9190

ATTACH CONTINUATION SHEETS IF NECESSARY

APPROVAL NOTICE

Approval is given to perform the indicated activity at the above facility location. Action indicated above may commence on or after: 4/28/95 Expiration Date: 10/28/95 If action is not taken by the expiration date, you must submit another notification.

Authorizing Signature	Date
Jeff Hamm	3/29/95
D. E. Initials & Date Entered in Computer: TLH MAR 29 1995	Date Confirmation Mailed to Owner: 3/29/95

DISTRIBUTION: RETURN BOTH PAGES TO UST DIVISION

INSTRUCTIONS

REPORTING REQUIREMENTS

An underground storage tank (UST) subject to Act 423 must be registered by the current owner and have all fees paid to be considered registered with the Underground Storage Tank Division (USTD). The UST owner/operator or agent must complete this form as instructed. The copies returned by the USTD will indicate the earliest closure date along with the last date this form is valid.

A site assessment shall be conducted during the closure/change-in-service, with results sent to the USTD along with the form provided. The owner/operator must also submit an amended registration form notifying the USTD of completion of closure/change-in-service within 30 days after the date of the closure/change-in-service.

CONFIRMED RELEASE

A confirmed release must be reported to the USTD within 24 hours. A confirmed release waives the requirements of submitting this form, waiting 30 days, and conducting a site assessment. Once reported, the owner/operator will be informed regarding rules for further testing and clean-up activities. Releases may be reported by fax to 517/335-2245 or called in to 1-800-MICHUST.

CLOSURE OF TANKS

Tanks shall be emptied of all liquid and accumulated sludge and purged of all vapors. Piping shall be emptied of all liquid and sludge, purged and capped, or removed from the ground. *Permanent closure* requires removal of the UST from the ground, unless it can be documented that removal of the UST would cause damage to a permanent structure. The tank can be closed-in-place after the 30 day waiting period provided that the required documentation is placed in the owner's file. If closure in place is necessary, the tank must be emptied of liquid, sludge and vapors and filled 100% with inert solid material (sand, fly-ash concrete or pea gravel). Piping shall be closed as indicated above. A site assessment is still required if tanks are closed-in-place.

CHANGE-IN-SERVICE

A change-in-service is defined as going from the storage of a regulated substance to an unregulated substance. The tank must be cleaned and purged as stated above, and a site assessment must be performed prior to the introduction to the unregulated substance.

NOTIFICATION

It is recommended that the Hazardous Materials Storage Inspector at the USTD district office be notified 7 days prior to the work being performed.

If you have questions regarding the above instructions, please contact the USTD at 517/373-8168 or the USTD District Office.

CONFIDENTIAL

ADVANCED ENVIRONMENTAL, INC.

ENVIRONMENTAL MANAGEMENT CONSULTANTS

FAX COVER SHEET

DATE 3-28-95

TO: NAME: Terry Harmon

COMPANY:

OFFICE PHONE NUMBER: 517 373 8168

FAX NUMBER: 517 335 2245

FROM: NAME: Robin M. Vozar

COMPANY: ADVANCED ENVIRONMENTAL, INC.

OFFICE PHONE NUMBER: (810)238-9190
(800)423-2043

FAX NUMBER: (810)238-9195

Total Number of Pages 1 (Including cover page)

PLEASE CALL AS SOON AS POSSIBLE IF YOU DO NOT RECEIVE ALL PAGES

Terry,

[illegible] Cancel the 30 Day Notice
[illegible] 33270 Quik Stop #
2024 [illegible] DN

Thank You
Robin M Vozar

552 South Saginaw Street • Suite 600 • Flint, Michigan 48502
(810) 238-9190 • Fax: (810) 238-9195
1-800-423-2043

Enclosure 4

Drum Disposal Documentation

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STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. 042913-01

Carrier No. _____

Page 1 of 1

USIT

(Name of carrier) (SCAC)

Date _____

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:

Consignee USIT

Street 13075 Nowburgh.

City Livonia State MI Zip Code 48150

FROM: Shipper Tri-County Petroleum

Street 209 South main St

City Romeo State MI Zip Code 48065

24 hr. Emergency Contact Tel. No. _____

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1/EA		RCRA empty drum				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

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 labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER no consolidation

PER _____

DATE 4/29/13

CARRIER _____

PER _____

DATE 4/29/13

1

Enclosure 5

Sample Location Plan

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* Chemicals in all soils were detected less their method detection except Cadmium, Chromium and Lead. Those medals did not exceed their most stringent cleanup criteria.

LEGEND

SOIL BORING — YGP-1

STUDY PROPERTY BOUNDARY

PARTS PER BILLION — PPB

TANK

PUMP ISLAND

SCALE

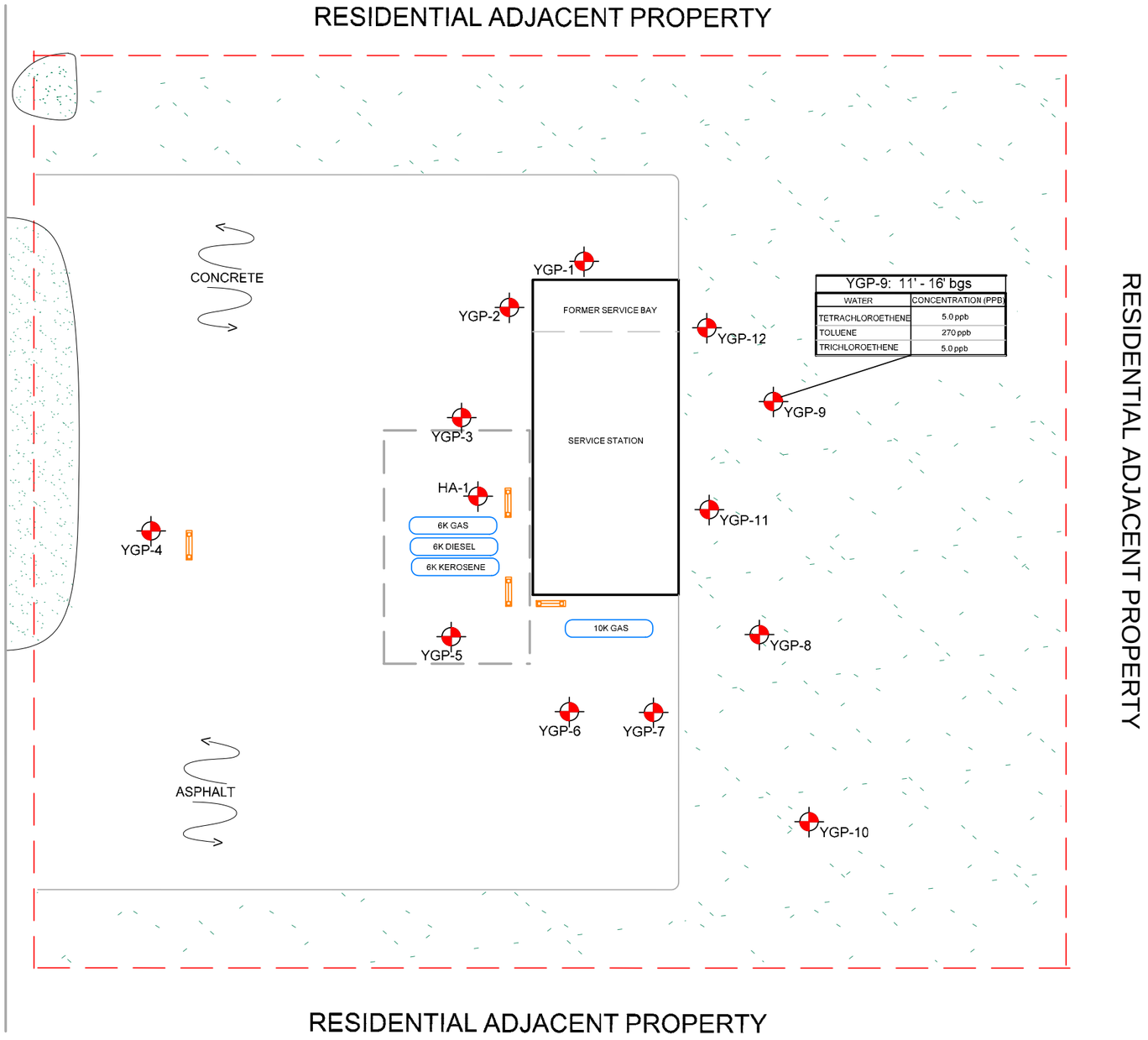
0 10 20

1 inch ~ 30 feet

(IF THIS BAR DOES NOT MEASURE 1 INCH
ON YOUR PAGE, THE SCALE PRESENTATION IS DISTORTED)

SOUTH MAIN STREET

RESIDENTIAL ADJACENT PROPERTY



RESIDENTIAL ADJACENT PROPERTY

RESIDENTIAL ADJACENT PROPERTY

YEOMAN GROUP

N

PROJECT NUMBER: 13-20472

DRAWN BY: M. BONAVENTURA

DATE: 4/19/2013

SOIL BORING LOCATION & CHEMICAL CONCENTRATION MAP

209 South Main Street
Romeo, Michigan

Enclosure 6

Soil Boring Logs

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YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 1

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 2.0" ASPHALT	
1.0		0				FILL		2.0" - 1.0' FILL 22AA	
2.0		0							
3.0	YGP-1 SAMPLE @ 3.0'	0				SP		1.0' - 6.0' poorly graded fine SAND, loose, moist, brown	
4.0		0							
5.0		0							
6.0		0							
7.0		0							
8.0		0							
9.0		0				SW		6.0' - 13.0' well graded fine to coarse SAND, little fine gravel, loose, moist, brown	
10.0		0							
11.0		0							
12.0	YGP-1 SAMPLE @ 12.0' (Not analyzed)	0							
13.0		0							
14.0		0				SW		13.0' - 16.0' fine to well graded coarse SAND with fine gravel, loose, dry, brown	
15.0		0							
16.0		0							

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 2

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 2.0" ASPHALT	
1.0		0				FILL		2.0" - 1.0' FILL 22AA	
2.0		0				SP		1.0' - 3.4' poorly graded fine SAND, loose, moist, brown	
3.0		0							
	YGP-2 SAMPLE @ 3.4'								
4.0		0							
5.0		0							
6.0		0				CL		3.4' - 9.5' silty CLAY with little sand and fine gravel, soft, moist, brown	
7.0		0							
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0		0				SP		9.5' - 16.0' poorly graded fine SAND, loose, moist, tan	
13.0		0							
14.0		0							
15.0		0							
	YGP-2 SAMPLE @ 16.0' (Not analyzed)								
16.0		0							

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 3

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 2.0" ASPHALT	
1.0		0				FILL		2.0" - 1.5' FILL 22AA	
	YGP-3 SAMPLE @ 1.5'								
2.0		0				CL		1.5' - 2.0' silty CLAY, little sand, trace fine gravel, moist, black	
3.0		0				CL		2.0' - 3.8' silty CLAY, little sand, trace fine gravel, stiff, moist, brown	
4.0		0							
5.0		0							
6.0		0							
7.0		0							
8.0	**YGP-3 SAMPLE @ 8.0'** (Not analyzed)	0				SP		3.8' - 15.0' poorly graded fine SAND, loose, moist, tan	
9.0		0							
10.0		0							
11.0		0							
12.0		0							
13.0		0							
14.0		0							
15.0		0							
16.0									

End Of Boring 15.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 4

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						CONCRETE		0 - 4.0" CONCRETE	
1.0		0				FILL		4.0" - 1.0' FILL 22AA	
2.0		0							
3.0		0				SP		1.0' - 4.0' poorly graded coarse SAND, loose, moist, brown	
4.0	YGP-4 SMAPLE @ 3.5'	0							
5.0		0							
6.0		0							
7.0		0				SW		4.0' - 12.0' well graded fine SAND, fine gravel, loose, moist, brown	
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0	YGP-4 SAMPLE @ 11.5' (Not analyzed)	0							
13.0		0							
14.0		0				SP		12.0' - 16.0' poorly graded fine SAND, loose, dry, tan	
15.0		0							
16.0		0							

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 5

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type N/A

Monitor Well Information

Well Material	N/A	Riser above/below grade	N/A
Diameter of Riser	N/A	Cap	N/A
Length of Screen	N/A	Filter material and depth	N/A
Diameter of Screen	N/A	Seal material and depth	N/A
Slot Size	N/A	Development method	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 2.0" ASPHALT	
1.0		0							
2.0		0				FILL		2.0" - 4.5' FILL 22AA with clay, loose, moist, black	
3.0		0							
4.0	YGP-5 SAMPLE @ 4.0'	0							
5.0		0							
6.0		0							
7.0		0				SW		4.5' - 10.0' well graded fine SAND, fine to coarse gravel, loose, dry, tan	
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0		0							
13.0		0				SP		10.0' - 18.0' poorly graded fine SAND, loose, moist, tan	
14.0		0							
15.0		0							
16.0		0							
17.0		0							
18.0	YGP-5 SAMPLE @ 17.5'	0				OH		18.0' - 19.0' sandy SILT, plastic, moist, brown	
19.0		0							
20.0		0				SP		19.0' - 20.0' poorly graded fine SAND, loose, dry, tan	

End of Boring 20.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 6

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 2.0" ASPHALT	
1.0		0							
2.0		0				FILL		2.0' - 4.0' FILL, clay, brick, sand, brown	
3.0		0							
4.0	**YGP-6 SAMPLE @ 4.0'**	0							
5.0		0							
6.0		0							
7.0		0							
8.0		0				SW		4.0' - 12.0' well graded fine SAND to coase gravel, loose, dry, tan	
9.0		0							
10.0		0							
11.0		0							
12.0	**YGP-6 SAMPLE @ 12.0'** (Not analyzed)	0							
13.0		0							
14.0		0				SP		12.0' - 16.0' poorly graded fine SAND, loose, moist, tan	
15.0		0							
16.0		0							

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 7

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
1.0		0				ASPHALT		0 - 2.0" ASPHALT	
2.0		0						2.0" - 3.0' FILL 22AA and clay	
3.0		0							
4.0		0				CL		3.0' - 6.5' silty CLAY, trace fine sand, dense, moist, mottled brown and gray	
5.0		0							
6.0	YG-7 SAMPLE @ 6.0'	0							
7.0		0							
8.0		0							
9.0		0							
10.0		0							
11.0		0				SW		6.5' - 16.0' well graded fine to coarse SAND, little fine gravel, loose, moist, brown	
12.0		0							
13.0		0							
14.0		0							
15.0		0							
16.0		0							

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 8

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
						ASPHALT		0 - 4.0" FILL - TOPSOIL	
1.0		0							
2.0		0							
3.0		0							
4.0	**YGP-8 SAMPLE @ 4.0'** (Not analyzed)	0							
5.0		0							
6.0		0							
7.0		0				SP		4.0" - 13.0' poorly graded fine SAND, loose, moist, brown	
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0		0							
13.0	**YGP-8 SAMPLE @ 12.5'**	0							
14.0		0				OH		13.0' - 15.0' sandy SILT, organic, plastic, moist, brown	
15.0		0							
16.0		0				CL		15.0' - 16.0' silty CLAY, trace sand, fine gravel, dense, dry, gray	

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 9

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	March 26, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 13.5

Depth to water after completion / minutes ▼ 14.5

Well Type: PVC - TEMP

Monitor Well Information

Well Material	PVC	Riser above/below grade	5.0'
Diameter of Riser	1.0"	Cap	N/A
Length of Screen	5.0'	Filter material and depth	N/A
Diameter of Screen	1.0"	Seal material and depth	N/A
Slot Size	0.01	Development method	Peristaltic Pump

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
0						ASPHALT		0 - 4.0" FILL - TOPSOIL	
1.0		0							
2.0		0							
3.0		0							
4.0	YGP-9 SAMPLE @ 4.0'	0							
5.0		0							
6.0		0							
7.0		0				SP		4.0" - 13.0' poorly graded fine SAND, loose, moist, brown	
8.0		0							
9.0		0							
10.0	YGP-9 SAMPLE @ 10' (Not analyzed)	0							
11.0		0							
12.0		0							
13.0		0	▽						
14.0		0			▼	OH		13.0' - 15.0' sandy SILT, organic, plastic, moist, brown	
15.0		0							
16.0		0				CL		15.0' - 16.0' silty CLAY, trace sand, fine gravel, dense, dry, gray	

End Of Boring 16.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 10

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	April 17, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ None

Depth to water after completion / minutes ▼ None

Well Type: None

Monitor Well Information

Well Material	N/A	Riser above/below grade	N/A
Diameter of Riser	N/A	Cap	N/A
Length of Screen	N/A	Filter material and depth	N/A
Diameter of Screen	N/A	Seal material and depth	N/A
Slot Size	N/A	Development method	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
1.0		0						0 - 2.0' TOPSOIL, very soft, damp, black	
2.0		0							
3.0		0				SP		2.0' - 12.0' poorly graded fine SAND, trace fine gravel, loose, moist, brown	
4.0		0							
5.0		0							
6.0		0							
7.0		0							
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0		0							
13.0		0				ML		12.0' - 14.0' sandy SILT, loose, moist, brown	
14.0		0							
15.0	YGP-10 SAMPLE @ 14.0'	0							
16.0		0							
17.0		0				CL		14.0' - 20.0' silty CLAY, trace fine sand, dense, dry, gray	
18.0		0							
19.0		0							
20.0		0							

End of Boring 20.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 11

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	April 17, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ None

Depth to water after completion / minutes ▼ None

Well Type: None

Monitor Well Information

Well Material	N/A	Riser above/below grade	N/A
Diameter of Riser	N/A	Cap	N/A
Length of Screen	N/A	Filter material and depth	N/A
Diameter of Screen	N/A	Seal material and depth	N/A
Slot Size	N/A	Development method	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
1.0		0						0 - 1.0' TOPSOIL, very soft, damp, black	
2.0		0							
3.0		0							
4.0		0							
5.0		0							
6.0		0							
7.0		0				SP		1.0' - 11.0' poorly graded fine SAND, trace fine gravel, loose, moist, brown	
8.0		0							
9.0		0							
10.0		0							
11.0	YGP-11 SAMPLE @ 10.5'	0							
12.0		0							
13.0		0				CL		11.0' - 14.0' silty CLAY, trace fine sand, dense, moist, mottled brown and gray	
14.0		0							
15.0		0							
16.0		0							
17.0		0				CL		14.0' - 20.0' silty CLAY, trace fine sand, dense, dry, gray	
18.0		0							
19.0		0							
20.0		0							

End of Boring 20.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YGP- 12

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	April 17, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ None

Depth to water after completion / minutes ▼ None

Well Type: None

Monitor Well Information

Well Material	N/A	Riser above/below grade	N/A
Diameter of Riser	N/A	Cap	N/A
Length of Screen	N/A	Filter material and depth	N/A
Diameter of Screen	N/A	Seal material and depth	N/A
Slot Size	N/A	Development method	N/A

Depth (ft)	Sample and Depth	PID PPM	GW Initial	WELL	GW Final	USCS Group Symbol	Visual Identifier	Lithology	Comments
1.0		0				FILL		0 - 0.5' TOPSOIL, very soft, damp, black	
2.0		0							
3.0		0							
4.0		0							
5.0		0							
6.0		0							
7.0		0				SP		0.5' - 14.5' poorly graded fine SAND, trace fine gravel, lose, moist, brown	
8.0		0							
9.0		0							
10.0		0							
11.0		0							
12.0		0							
13.0		0							
14.0	YGP-12 SAMPLE @ 14.0'	0							
15.0		0							
16.0		0							
17.0		0				CL		14.5' - 20.0' silty CLAY, trace fine sand, dense, dry, gray	
18.0		0							
19.0		0							
20.0		0							

End of Boring 20.0 Feet

YEOMAN GROUP

SOIL BORING/MONITOR WELL LOG

BORING/WELL #: YHA - 1

DRILLER: Fibertec | **LOGGED BY:** Roy Gantt

PROJECT NO.:	13-20472	**FIELD CONDITIONS:**	30 Degrees, Overcast
DATE:	April 17, 2013	**LOCATION:**	209 South Main Street, Romeo, Michigan

WELL AND WATER DATA LEGEND

Depth to water during drilling ▽ 0

Depth to water after completion / minutes ▼ 0

Well Type: None

Monitor Well Information

Well Material	N/A
Diameter of Riser	N/A
Length of Screen	N/A
Diameter of Screen	N/A
Slot Size	N/A

Depth (ft)	Recovery	Sample and Depth	PID PPM	GW Initial	GW Final	WELL	USCS Group Symbol	Visual Identifier	Lithology	Comments
									0 - 4.0" ASPHALT	
									4.0" - 1.0' FILL 22A type, dense, moist, brown	
1.0			0							
2.0			0					SP	1.0' - 4.0' poorly graded fine SAND, loose, moist, brown	
3.0			0							
4.0		YHA-1 SAMPLE @ 4.0'	0						4.0' - 5.0' well graded fine to coarse SAND, denser, dry, brown	
5.0			0							

End of Boring 5.0 Feet

Enclosure 7

Tabled Analytical Results

Return to Enclosure Page

Return to Narrative

YEOMAN GROUP

MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, MI

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-1 3.0' BGS	YGP-2 3.4' BGS	YGP-3 1.5' BGS	YGP-4 3.5' BGS
													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(3' - 3')	(3.4' - 3.4')	(1.5' - 1.5')	(3.5' - 3.5')
Metals																	
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		**69**	**280**	**250**	**280**
Chromium, Total	7440-47-3	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		**4,600**	**6,600**	**9,700**	**11,000**
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	ID	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		**4,900**	**78,000**	**10,000**	**28,000**
PCBs																	
PCB, Aroclor 1016	12674-11-2													<330	<330	<330	<330
PCB, Aroclor 1221	11104-28-2													<330	<330	<330	<330
PCB, Aroclor 1232	11141-16-5													<330	<330	<330	<330
PCB, Aroclor 1242	53469-21-9													<330	<330	<330	<330
PCB, Aroclor 1248	12672-29-6													<330	<330	<330	<330
PCB, Aroclor 1254	11097-69-1													<330	<330	<330	<330
PCB, Aroclor 1260	11096-82-5													<330	<330	<330	<330
PCB, Aroclor 1262	37324-23-5													<330	<330	<330	<330
PCB, Aroclor 1268	11100-14-4													<330	<330	<330	<330
Polychlorinated biphenyls (PCBs) (J,T)	1336-36-3	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	7.9E+6	7.9E+6	5.2E+6	(T)	NA		<330	<330	<330	<330
Semivolatiles																	
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
Semivolatiles, PNAs																	
Acenaphthene	83-32-9	NA	3.0E+5	8,700	9.7E+5	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA		<330	<330	<330	<330
Acenaphthylene	208-96-8	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA		<330	<330	<330	<330
Anthracene	120-12-7	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA		<330	<330	<330	<330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA		<330	<330	<330	<330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA		<330	<330	<330	<330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA		<330	<330	<330	<330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA		<330	<330	<330	<330
Chrysene (Q)	218-01-9	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA		<330	<330	<330	<330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA		<330	<330	<330	<330
Fluoranthene	206-44-0	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA		<330	<330	<330	<330
Fluorene	86-73-7	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA		<330	<330	<330	<330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Phenanthrene	85-01-8	NA	56,000	2,100	1.1E+6	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA		<330	<330	<330	<330
Pyrene	129-00-0	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA		<330	<330	<330	<330
Volatiles																	

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

YEOMAN GROUP

MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, MI

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-1 3.0' BGS	YGP-2 3.4' BGS	YGP-3 1.5' BGS	YGP-4 3.5' BGS
													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(3' - 3')	(3.4' - 3.4')	(1.5' - 1.5')	(3.5' - 3.5')
Benzene (I)	71-43-2	NA	100	4,000 (X)	2.2E+5	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5		<50	<50	<50	<50
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	2.8E+5	1,200	9,100	9,700	19,000	8.4E+7	1.1E+5	1.5E+6		<120	<100	<120	<120
Bromoform	75-25-2	NA	1,600 (W)	ID	8.7E+5 (C)	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.2E+5	8.7E+5		<120	<100	<120	<120
Bromomethane	74-83-9	NA	200	700	1.4E+6	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6		<200	<200	<200	<200
Carbon tetrachloride	56-23-5	NA	100	900 (X)	92,000	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5		<58	<52	<59	<58
Chlorobenzene (I)	108-90-7	NA	2,000	500	2.6E+5 (C)	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	2.6E+5 (C)	2.6E+5		<58	<52	<59	<58
Chloroethane	75-00-3	NA	8,600	22,000 (X)	9.5E+5 (C)	9.5E+5 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	9.5E+5 (C)	9.5E+5		<290	<260	<300	<290
Chloroform	67-66-3	NA	1,600 (W)	7,000	1.5E+6 (C)	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.2E+6	1.5E+6		<58	<52	<59	<58
Chloromethane (I)	74-87-3	NA	5,200	ID	1.1E+6 (C)	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.1E+6 (C)	1.1E+6		<290	<260	<300	<290
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3.6E+5	3,900	24,000	24,000	33,000	1.3E+8	1.1E+5	6.1E+5		<120	<100	<120	<120
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	2.1E+5 (C)	2.1E+5 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	2.1E+5 (C)	2.1E+5		<100	<100	<100	<100
1,3-Dichlorobenzene	541-73-1	NA	170	680	51,000	26,000	79,000	79,000	1.1E+5	2.0E+8	1.7E+5 (C)	1.7E+5		<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	1.4E+5	19,000	77,000	77,000	1.1E+5	4.5E+8	4.0E+5	NA		<120	<100	<120	<120
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	8.9E+5 (C)	2.3E+5	2.1E+6	5.9E+6	1.4E+7	3.3E+10	8.9E+5 (C)	8.9E+5		<58	<52	<59	<58
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	3.8E+5	2,100	6,200	11,000	26,000	1.2E+8	91,000	1.2E+6		<58	<52	<59	<58
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	6.4E+5 (C)	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	6.4E+5 (C)	6.4E+5		<50	<50	<50	<50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	1.4E+6 (C)	23,000	2.8E+5	8.3E+5	2.0E+6	4.7E+9	1.4E+6 (C)	1.4E+6		<50	<50	<50	<50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	2.2E+5	62	1,100	5,300	13,000	6.2E+7	2.0E+5	5.7E+5		<50	<50	<50	<50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	3.2E+5	4,000	25,000	50,000	1.1E+5	2.7E+8	1.4E+5	5.5E+5		<58	<52	<59	<58
cis-1,3-Dichloropropylene	10061-01-5													<58	<52	<59	<58
trans-1,3-Dichloropropylene	10061-02-6													<58	<52	<59	<58
Ethylbenzene (I)	100-41-4	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	1.4E+5 (C)	1.4E+5		<58	<52	<59	<58
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	500	670	1,700	1,700	3,300	1.4E+7	92	8.9E+5		<58	<52	<59	<58
Methylene chloride	75-09-2	NA	100	30,000 (X)	2.3E+6 (C)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.3E+6	2.3E+6		<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	4.4E+5 (C)	6,200	36,000	54,000	1.0E+5	4.2E+8	4.4E+5 (C)	4.4E+5		<120	<100	<120	<120
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	94,000	4,300	10,000	10,000	14,000	5.4E+7	53,000	8.7E+5		<120	<100	<120	<120
Tetrachloroethylene	127-18-4	NA	100	1,200 (X)	88,000 (C)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	88,000 (C)	88,000		<58	<52	<59	<58
Toluene (I)	108-88-3	NA	16,000	5,400	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	5.1E+6	1.2E+7	2.7E+10	2.5E+5 (C)	2.5E+5		<50	<50	<50	<50
1,2,3-Trichlorobenzene	87-61-6													<250	<250	<250	<250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	1.1E+6 (C)	1.1E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6		<250	<250	<250	<250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	4.6E+5 (C)	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	4.6E+5 (C)	4.6E+5		<290	<260	<300	<290
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4.2E+5	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5		<58	<52	<59	<58
Trichloroethylene	79-01-6	NA	100	4,000 (X)	4.4E+5	1,000	11,000	25,000	57,000	1.3E+8	5.0E+5 (C,DD)	5.0E+5		<58	<52	<59	<58

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20				
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-1 3.0' BGS	YGP-2 3.4' BGS	YGP-3 1.5' BGS	YGP-4 3.5' BGS
													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(3' - 3')	(3.4' - 3.4')	(1.5' - 1.5')	(3.5' - 3.5')
1,2,3-Trimethylbenzene	526-73-8													<100	<100	<100	<100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	5.0E+8	5.0E+8	8.2E+10	1.1E+5 (C)	1.1E+5		<100	<100	<100	<100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	94,000 (C)	94,000		<100	<100	<100	<100
Vinyl chloride	75-01-4	NA	40	260 (X)	20,000	270	4,200	30,000	73,000	3.5E+8	3,800	4.9E+5		<40	<40	<40	<40
Xylenes (I)	1330-20-7	NA	5,600	820	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	1.5E+5 (C)	1.5E+5		<150	<150	<150	<150

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MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, MI

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-5 4.0' BGS	YGP-5 17.5' BGS	YGP-6 12' BGS	YGP-7 6' BGS
													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(4' - 4')	(17.5' - 17.5')	(12' - 12')	(6' - 6')
Metals																	
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		**240**	**130**	<50	**68**
Chromium, Total	7440-47-3	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		**8,600**	**4,200**	**2,900**	**4,700**
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	ID	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		**71,000**	**3,700**	**2,100**	**3,700**
PCBs																	
PCB, Aroclor 1016	12674-11-2													<330	<330	<330	<330
PCB, Aroclor 1221	11104-28-2													<330	<330	<330	<330
PCB, Aroclor 1232	11141-16-5													<330	<330	<330	<330
PCB, Aroclor 1242	53469-21-9													<330	<330	<330	<330
PCB, Aroclor 1248	12672-29-6													<330	<330	<330	<330
PCB, Aroclor 1254	11097-69-1													<330	<330	<330	<330
PCB, Aroclor 1260	11096-82-5													<330	<330	<330	<330
PCB, Aroclor 1262	37324-23-5													<330	<330	<330	<330
PCB, Aroclor 1268	11100-14-4													<330	<330	<330	<330
Polychlorinated biphenyls (PCBs) (J,T)	1336-36-3	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	7.9E+6	7.9E+6	5.2E+6	(T)	NA		<330	<330	<330	<330
Semivolatiles																	
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
Semivolatiles, PNAs																	
Acenaphthene	83-32-9	NA	3.0E+5	8,700	9.7E+5	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA		<330	<330	<330	<330
Acenaphthylene	208-96-8	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA		<330	<330	<330	<330
Anthracene	120-12-7	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA		<330	<330	<330	<330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA		<330	<330	<330	<330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA		<330	<330	<330	<330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA		<330	<330	<330	<330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA		<330	<330	<330	<330
Chrysene (Q)	218-01-9	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA		<330	<330	<330	<330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA		<330	<330	<330	<330
Fluoranthene	206-44-0	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA		<330	<330	<330	<330
Fluorene	86-73-7	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA		<330	<330	<330	<330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Phenanthrene	85-01-8	NA	56,000	2,100	1.1E+6	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA		<330	<330	<330	<330
Pyrene	129-00-0	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA		<330	<330	<330	<330
Volatiles																	

Bold analytical result = exceeds method dectection limit

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Part 201
Generic Cleanup Criteria and Screening Levels

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Romeo, MI

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-5 4.0' BGS	YGP-5 17.5' BGS	YGP-6 12' BGS	YGP-7 6' BGS
													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(4' - 4')	(17.5' - 17.5')	(12' - 12')	(6' - 6')
Benzene (I)	71-43-2	NA	100	4,000 (X)	2.2E+5	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5		<50	<50	<50	<50
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	2.8E+5	1,200	9,100	9,700	19,000	8.4E+7	1.1E+5	1.5E+6		<120	<120	<100	<100
Bromoform	75-25-2	NA	1,600 (W)	ID	8.7E+5 (C)	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.2E+5	8.7E+5		<120	<120	<100	<100
Bromomethane	74-83-9	NA	200	700	1.4E+6	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6		<200	<200	<200	<200
Carbon tetrachloride	56-23-5	NA	100	900 (X)	92,000	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5		<58	<59	<52	<51
Chlorobenzene (I)	108-90-7	NA	2,000	500	2.6E+5 (C)	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	2.6E+5 (C)	2.6E+5		<58	<59	<52	<50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	9.5E+5 (C)	9.5E+5 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	9.5E+5 (C)	9.5E+5		<290	<300	<260	<260
Chloroform	67-66-3	NA	1,600 (W)	7,000	1.5E+6 (C)	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.2E+6	1.5E+6		<58	<59	<52	<50
Chloromethane (I)	74-87-3	NA	5,200	ID	1.1E+6 (C)	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.1E+6 (C)	1.1E+6		<290	<300	<260	<260
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3.6E+5	3,900	24,000	24,000	33,000	1.3E+8	1.1E+5	6.1E+5		<120	<120	<100	<100
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	2.1E+5 (C)	2.1E+5 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	2.1E+5 (C)	2.1E+5		<100	<100	<100	<100
1,3-Dichlorobenzene	541-73-1	NA	170	680	51,000	26,000	79,000	79,000	1.1E+5	2.0E+8	1.7E+5 (C)	1.7E+5		<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	1.4E+5	19,000	77,000	77,000	1.1E+5	4.5E+8	4.0E+5	NA		<120	<120	<100	<100
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	8.9E+5 (C)	2.3E+5	2.1E+6	5.9E+6	1.4E+7	3.3E+10	8.9E+5 (C)	8.9E+5		<58	<59	<52	<51
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	3.8E+5	2,100	6,200	11,000	26,000	1.2E+8	91,000	1.2E+6		<58	<59	<52	<51
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	6.4E+5 (C)	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	6.4E+5 (C)	6.4E+5		<50	<50	<50	<50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	1.4E+6 (C)	23,000	2.8E+5	8.3E+5	2.0E+6	4.7E+9	1.4E+6 (C)	1.4E+6		<50	<50	<50	<50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	2.2E+5	62	1,100	5,300	13,000	6.2E+7	2.0E+5	5.7E+5		<50	<50	<50	<50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	3.2E+5	4,000	25,000	50,000	1.1E+5	2.7E+8	1.4E+5	5.5E+5		<58	<59	<52	<51
cis-1,3-Dichloropropylene	10061-01-5													<58	<59	<52	<51
trans-1,3-Dichloropropylene	10061-02-6													<58	<59	<52	<50
Ethylbenzene (I)	100-41-4	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	1.4E+5 (C)	1.4E+5		<58	<59	<52	<51
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	500	670	1,700	1,700	3,300	1.4E+7	92	8.9E+5		<58	<59	<52	<51
Methylene chloride	75-09-2	NA	100	30,000 (X)	2.3E+6 (C)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.3E+6	2.3E+6		<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	4.4E+5 (C)	6,200	36,000	54,000	1.0E+5	4.2E+8	4.4E+5 (C)	4.4E+5		<120	<120	<100	<100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	94,000	4,300	10,000	10,000	14,000	5.4E+7	53,000	8.7E+5		<120	<120	<100	<100
Tetrachloroethylene	127-18-4	NA	100	1,200 (X)	88,000 (C)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	88,000 (C)	88,000		<58	<59	<52	<51
Toluene (I)	108-88-3	NA	16,000	5,400	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	5.1E+6	1.2E+7	2.7E+10	2.5E+5 (C)	2.5E+5		<50	<50	<50	<50
1,2,3-Trichlorobenzene	87-61-6													<250	<250	<250	<260
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	1.1E+6 (C)	1.1E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6		<250	<250	<250	<250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	4.6E+5 (C)	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	4.6E+5 (C)	4.6E+5		<290	<300	<260	<130
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4.2E+5	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5		<58	<59	<52	<51
Trichloroethylene	79-01-6	NA	100	4,000 (X)	4.4E+5	1,000	11,000	25,000	57,000	1.3E+8	5.0E+5 (C,DD)	5.0E+5		<58	<59	<52	<51

Bold analytical result = exceeds method dectection limit

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Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20				
Parameters*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-5 4.0' BGS	YGP-5 17.5' BGS	YGP-6 12' BGS	YGP-7 6' BGS
(Refer to detailed laboratory report for method reference data)													Collection Date	3/26/2013	3/26/2013	3/26/2013	3/26/2013
													Depth	(4' - 4')	(17.5' - 17.5')	(12' - 12')	(6' - 6')
1,2,3-Trimethylbenzene	526-73-8													<100	<100	<100	<100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	5.0E+8	5.0E+8	8.2E+10	1.1E+5 (C)	1.1E+5		<100	<100	<100	<100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	94,000 (C)	94,000		<100	<100	<100	<100
Vinyl chloride	75-01-4	NA	40	260 (X)	20,000	270	4,200	30,000	73,000	3.5E+8	3,800	4.9E+5		<40	<40	<40	<51
Xylenes (I)	1330-20-7	NA	5,600	820	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	1.5E+5 (C)	1.5E+5		<150	<150	<150	<150

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Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-8 12.5' BGS	YGP-9 4' BGS
													Collection Date	3/26/2013	3/26/2013
													Depth	(12.5' - 12.5')	(4' - 4')
Metals															
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		<50	**67**
Chromium, Total	7440-47-3	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		**2,700**	**5,700**
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	ID	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		**2,100**	**3,600**
PCBs															
PCB, Aroclor 1016	12674-11-2													<330	<330
PCB, Aroclor 1221	11104-28-2													<330	<330
PCB, Aroclor 1232	11141-16-5													<330	<330
PCB, Aroclor 1242	53469-21-9													<330	<330
PCB, Aroclor 1248	12672-29-6													<330	<330
PCB, Aroclor 1254	11097-69-1													<330	<330
PCB, Aroclor 1260	11096-82-5													<330	<330
PCB, Aroclor 1262	37324-23-5													<330	<330
PCB, Aroclor 1268	11100-14-4													<330	<330
Polychlorinated biphenyls (PCBs) (J,T)	1336-36-3	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	7.9E+6	7.9E+6	5.2E+6	(T)	NA		<330	<330
Semivolatiles															
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330
Semivolatiles, PNAs															
Acenaphthene	83-32-9	NA	3.0E+5	8,700	9.7E+5	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA		<330	<330
Acenaphthylene	208-96-8	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA		<330	<330
Anthracene	120-12-7	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA		<330	<330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA		<330	<330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA		<330	<330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA		<330	<330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA		<330	<330
Chrysene (Q)	218-01-9	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA		<330	<330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA		<330	<330
Fluoranthene	206-44-0	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA		<330	<330
Fluorene	86-73-7	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA		<330	<330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330
Phenanthrene	85-01-8	NA	56,000	2,100	1.1E+6	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA		<330	<330
Pyrene	129-00-0	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA		<330	<330
Volatiles															

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

YEOMAN GROUP

MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, MI

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	Sample Location	YGP-8 12.5' BGS	YGP-9 4' BGS
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Collection Date	3/26/2013	3/26/2013
													Depth	(12.5' - 12.5')	(4' - 4')
Benzene (I)	71-43-2	NA	100	4,000 (X)	2.2E+5	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5		<50	<50
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	2.8E+5	1,200	9,100	9,700	19,000	8.4E+7	1.1E+5	1.5E+6		<110	<100
Bromoform	75-25-2	NA	1,600 (W)	ID	8.7E+5 (C)	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.2E+5	8.7E+5		<110	<100
Bromomethane	74-83-9	NA	200	700	1.4E+6	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6		<200	<200
Carbon tetrachloride	56-23-5	NA	100	900 (X)	92,000	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5		<54	<52
Chlorobenzene (I)	108-90-7	NA	2,000	500	2.6E+5 (C)	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	2.6E+5 (C)	2.6E+5		<54	<52
Chloroethane	75-00-3	NA	8,600	22,000 (X)	9.5E+5 (C)	9.5E+5 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	9.5E+5 (C)	9.5E+5		<270	<260
Chloroform	67-66-3	NA	1,600 (W)	7,000	1.5E+6 (C)	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.2E+6	1.5E+6		<54	<52
Chloromethane (I)	74-87-3	NA	5,200	ID	1.1E+6 (C)	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.1E+6 (C)	1.1E+6		<270	<260
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3.6E+5	3,900	24,000	24,000	33,000	1.3E+8	1.1E+5	6.1E+5		<110	<100
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	2.1E+5 (C)	2.1E+5 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	2.1E+5 (C)	2.1E+5		<100	<100
1,3-Dichlorobenzene	541-73-1	NA	170	680	51,000	26,000	79,000	79,000	1.1E+5	2.0E+8	1.7E+5 (C)	1.7E+5		<100	<100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	1.4E+5	19,000	77,000	77,000	1.1E+5	4.5E+8	4.0E+5	NA		<110	<100
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	8.9E+5 (C)	2.3E+5	2.1E+6	5.9E+6	1.4E+7	3.3E+10	8.9E+5 (C)	8.9E+5		<54	<52
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	3.8E+5	2,100	6,200	11,000	26,000	1.2E+8	91,000	1.2E+6		<54	<52
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	6.4E+5 (C)	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	6.4E+5 (C)	6.4E+5		<50	<50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	1.4E+6 (C)	23,000	2.8E+5	8.3E+5	2.0E+6	4.7E+9	1.4E+6 (C)	1.4E+6		<50	<50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	2.2E+5	62	1,100	5,300	13,000	6.2E+7	2.0E+5	5.7E+5		<50	<50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	3.2E+5	4,000	25,000	50,000	1.1E+5	2.7E+8	1.4E+5	5.5E+5		<54	<52
cis-1,3-Dichloropropylene	10061-01-5													<54	<52
trans-1,3-Dichloropropylene	10061-02-6													<54	<52
Ethylbenzene (I)	100-41-4	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	1.4E+5 (C)	1.4E+5		<54	<52
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	500	670	1,700	1,700	3,300	1.4E+7	92	8.9E+5		<54	<52
Methylene chloride	75-09-2	NA	100	30,000 (X)	2.3E+6 (C)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.3E+6	2.3E+6		<100	<100
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	4.4E+5 (C)	6,200	36,000	54,000	1.0E+5	4.2E+8	4.4E+5 (C)	4.4E+5		<110	<100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	94,000	4,300	10,000	10,000	14,000	5.4E+7	53,000	8.7E+5		<110	<100
Tetrachloroethylene	127-18-4	NA	100	1,200 (X)	88,000 (C)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	88,000 (C)	88,000		<54	<52
Toluene (I)	108-88-3	NA	16,000	5,400	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	5.1E+6	1.2E+7	2.7E+10	2.5E+5 (C)	2.5E+5		<50	<50
1,2,3-Trichlorobenzene	87-61-6													<250	<250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	1.1E+6 (C)	1.1E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6		<250	<250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	4.6E+5 (C)	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	4.6E+5 (C)	4.6E+5		<270	<260
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4.2E+5	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5		<54	<52
Trichloroethylene	79-01-6	NA	100	4,000 (X)	4.4E+5	1,000	11,000	25,000	57,000	1.3E+8	5.0E+5 (C,DD)	5.0E+5		<54	<52

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

Guidesheet Number	→	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20			
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YGP-8 12.5' BGS	YGP-9 4' BGS
													Collection Date	3/26/2013	3/26/2013
													Depth	(12.5' - 12.5')	(4' - 4')
1,2,3-Trimethylbenzene	526-73-8													<100	<100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	5.0E+8	5.0E+8	8.2E+10	1.1E+5 (C)	1.1E+5		<100	<100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	94,000 (C)	94,000		<100	<100
Vinyl chloride	75-01-4	NA	40	260 (X)	20,000	270	4,200	30,000	73,000	3.5E+8	3,800	4.9E+5		<40	<40
Xylenes (I)	1330-20-7	NA	5,600	820	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	1.5E+5 (C)	1.5E+5		<150	<150

YEOMAN GROUP

MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, Michigan

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YHA-1 4.0'	YGP-10 14.0'	YGP-11 10.5'	YGP-12 14'
													Collection Date	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM
													Depth	-	-	-	-
Metals																	
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		**94**	**74**	**60**	**70**
Chromium, Total	7440-47-3	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		**6,700**	**3,400**	**4,200**	**3,600**
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	ID	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		**5,000**	**3,400**	**3,600**	**3,600**
Semivolatiles																	
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
Semivolatiles, PNAs																	
Acenaphthene	83-32-9	NA	3.0E+5	8,700	9.7E+5	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA		<330	<330	<330	<330
Acenaphthylene	208-96-8	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA		<330	<330	<330	<330
Anthracene	120-12-7	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA		<330	<330	<330	<330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA		<330	<330	<330	<330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA		<330	<330	<330	<330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA		<330	<330	<330	<330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA		<330	<330	<330	<330
Chrysene (Q)	218-01-9	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA		<330	<330	<330	<330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA		<330	<330	<330	<330
Fluoranthene	206-44-0	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA		<330	<330	<330	<330
Fluorene	86-73-7	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA		<330	<330	<330	<330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA		<330	<330	<330	<330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Phenanthrene	85-01-8	NA	56,000	2,100	1.1E+6	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA		<330	<330	<330	<330
Pyrene	129-00-0	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA		<330	<330	<330	<330
Volatiles																	
Benzene (I)	71-43-2	NA	100	4,000 (X)	2.2E+5	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5		<50	<50	<50	<50
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	2.8E+5	1,200	9,100	9,700	19,000	8.4E+7	1.1E+5	1.5E+6		<110	<110	<110	<110
Bromoform	75-25-2	NA	1,600 (W)	ID	8.7E+5 (C)	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.2E+5	8.7E+5		<110	<110	<110	<110
Bromomethane	74-83-9	NA	200	700	1.4E+6	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6		<200	<200	<200	<200
Carbon tetrachloride	56-23-5	NA	100	900 (X)	92,000	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5		<110	<110	<110	<110
Chlorobenzene (I)	108-90-7	NA	2,000	500	2.6E+5 (C)	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	2.6E+5 (C)	2.6E+5		<110	<110	<110	<110
Chloroethane	75-00-3	NA	8,600	22,000 (X)	9.5E+5 (C)	9.5E+5 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	9.5E+5 (C)	9.5E+5		<270	<280	<260	<280
Chloroform	67-66-3	NA	1,600 (W)	7,000	1.5E+6 (C)	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.2E+6	1.5E+6		<53	<57	<53	<55
Chloromethane (I)	74-87-3	NA	5,200	ID	1.1E+6 (C)	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.1E+6 (C)	1.1E+6		<270	<280	<260	<280
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3.6E+5	3,900	24,000	24,000	33,000	1.3E+8	1.1E+5	6.1E+5		<270	<280	<260	<280
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	2.1E+5 (C)	2.1E+5 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	2.1E+5 (C)	2.1E+5		<100	<100	<100	<100

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

YEOMAN GROUP

MDEQ Soil Residential
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S. Main Street
Romeo, Michigan

Guidesheet Number →		#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20					
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Drinking Water Protection Criteria & RBSLs**	**Groundwater Surface Water Interface Protection Criteria & RBSLs**	**Groundwater Contact Protection Criteria & RBSLs**	**Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs**	**Finite VSIC for 5 Meter Source Thickness**	**Finite VSIC for 2 Meter Source Thickness**	**Particulate Soil Inhalation Criteria & RBSLs**	**Direct Contact Criteria & RBSLs**	**Soil Saturation Concentration Screening Levels**	Sample Location	YHA-1 4.0'	YGP-10 14.0'	YGP-11 10.5'	YGP-12 14'
													Collection Date	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM	4/17/2013 3:06:39 PM
													Depth	-	-	-	-
1,3-Dichlorobenzene	541-73-1	NA	170	680	51,000	26,000	79,000	79,000	1.1E+5	2.0E+8	1.7E+5 (C)	1.7E+5		<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	1.4E+5	19,000	77,000	77,000	1.1E+5	4.5E+8	4.0E+5	NA		<110	<110	<110	<110
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	8.9E+5 (C)	2.3E+5	2.1E+6	5.9E+6	1.4E+7	3.3E+10	8.9E+5 (C)	8.9E+5		<53	<57	<53	<55
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	3.8E+5	2,100	6,200	11,000	26,000	1.2E+8	91,000	1.2E+6		<53	<57	<53	<55
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	6.4E+5 (C)	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	6.4E+5 (C)	6.4E+5		<50	<50	<50	<50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	1.4E+6 (C)	23,000	2.8E+5	8.3E+5	2.0E+6	4.7E+9	1.4E+6 (C)	1.4E+6		<50	<50	<50	<50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	2.2E+5	62	1,100	5,300	13,000	6.2E+7	2.0E+5	5.7E+5		<50	<50	<50	<50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	3.2E+5	4,000	25,000	50,000	1.1E+5	2.7E+8	1.4E+5	5.5E+5		<53	<57	<53	<55
cis-1,3-Dichloropropylene	10061-01-5													<53	<57	<53	<55
trans-1,3-Dichloropropylene	10061-02-6													<53	<57	<53	<55
Ethylbenzene (I)	100-41-4	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	1.4E+5 (C)	1.4E+5		<53	<57	<53	<55
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	500	670	1,700	1,700	3,300	1.4E+7	92	8.9E+5		<53	<57	<53	<55
Methylene chloride	75-09-2	NA	100	30,000 (X)	2.3E+6 (C)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.3E+6	2.3E+6		<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	5.5E+6	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA		<330	<330	<330	<330
Naphthalene	91-20-3	NA	35,000	730	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	4.4E+5 (C)	6,200	36,000	54,000	1.0E+5	4.2E+8	4.4E+5 (C)	4.4E+5		<110	<110	<110	<110
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	94,000	4,300	10,000	10,000	14,000	5.4E+7	53,000	8.7E+5		<110	<110	<110	<110
Tetrachloroethylene	127-18-4	NA	100	1,200 (X)	88,000 (C)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	88,000 (C)	88,000		<53	<57	<53	<55
Toluene (I)	108-88-3	NA	16,000	5,400	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	5.1E+6	1.2E+7	2.7E+10	2.5E+5 (C)	2.5E+5		<50	<50	<50	<50
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	1.1E+6 (C)	1.1E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6		<250	<250	<250	<250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	4.6E+5 (C)	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	4.6E+5 (C)	4.6E+5		<270	<280	<260	<280
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4.2E+5	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5		<53	<57	<53	<55
Trichloroethylene	79-01-6	NA	100	4,000 (X)	4.4E+5	1,000	11,000	25,000	57,000	1.3E+8	5.0E+5 (C,DD)	5.0E+5		<53	<57	<53	<55
1,2,3-Trimethylbenzene	526-73-8													<100	<100	<100	<100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	5.0E+8	5.0E+8	8.2E+10	1.1E+5 (C)	1.1E+5		<100	<100	<100	<100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	94,000 (C)	94,000		<100	<100	<100	<100
Vinyl chloride	75-01-4	NA	40	260 (X)	20,000	270	4,200	30,000	73,000	3.5E+8	3,800	4.9E+5		<40	<40	<40	<40
Xylenes (I)	1330-20-7	NA	5,600	820	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	1.5E+5 (C)	1.5E+5		<150	<150	<150	<150

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

YEOMAN GROUP

MDEQ Groundwater
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S Main Street
Romeo, MI

Guidesheet Number →		#1	#2	#3	#4	#5	#6	#7	#8	#9	Sample Location	YGP-9	TRIP BLANK
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Residential Drinking Water Criteria & RBSLs**	**Non-residential Drinking Water Criteria & RBSLs**	**Groundwater Surface Water Interface Criteria & RBSLs**	**Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Groundwater Contact Criteria & RBSLs**	**Water Solubility**	**Flammability and Explosivity Screening Level**	**Acute Inhalation Screening Level**	Collection Date	3/26/2013	3/26/2013
											Depth	-	-
Metals													
Cadmium (B)	7440-43-9	5.0 (A)	5.0 (A)	(G,X)	NLV	NLV	1.9E+5	NA	ID	ID		<1.0	
Chromium, Total	7440-47-3	100 (A)	100 (A)	11	NLV	NLV	4.6E+5	NA	ID	ID		<10	
Lead (B)	7439-92-1	4.0 (L)	4.0 (L)	(G,X)	NLV	NLV	ID	NA	ID	ID		<3.0	
PCBs													
PCB, Aroclor 1016	12674-11-2											<0.20	
PCB, Aroclor 1221	11104-28-2											<0.20	
PCB, Aroclor 1232	11141-16-5											<0.20	
PCB, Aroclor 1242	53469-21-9											<0.20	
PCB, Aroclor 1248	12672-29-6											<0.20	
PCB, Aroclor 1254	11097-69-1											<0.20	
PCB, Aroclor 1260	11096-82-5											<0.20	
PCB, Aroclor 1262	37324-23-5											<0.20	
PCB, Aroclor 1268	11100-14-4											<0.20	
Semivolatiles													
Naphthalene	91-20-3	520	1,500	11	31,000 (S)	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)		<5.0	<5.0
Semivolatiles, PNAs													
Acenaphthene	83-32-9	1,300	3,800	38	4,200 (S)	4,200 (S)	4,200 (S)	4,240	ID	ID		<5.0	
Acenaphthylene	208-96-8	52	150	ID	3,900 (S)	3,900 (S)	3,900 (S)	3,930	ID	ID		<5.0	
Anthracene	120-12-7	43 (S)	43 (S)	ID	43 (S)	43 (S)	43 (S)	43.4	ID	ID		<5.0	
Benzo(a)anthracene (Q)	56-55-3	2.1	8.5	ID	NLV	NLV	9.4 (S,AA)	9.4	ID	ID		<1.0	
Benzo(a)pyrene (Q)	50-32-8	5.0 (A)	5.0 (A)	ID	NLV	NLV	1.0 (M,AA); 0.64	1.62	ID	ID		<1.0	
Benzo(b)fluoranthene (Q)	205-99-2	1.5 (S, AA)	1.5 (S, AA)	ID	ID	ID	1.5 (S,AA)	1.5	ID	ID		<1.0	
Benzo(g,h,i)perylene	191-24-2	1.0 (M); 0.26 (S)	1.0 (M); 0.26 (S)	ID	NLV	NLV	1.0 (M,AA); 0.26 (S)	0.26	ID	ID		<1.0	
Benzo(k)fluoranthene (Q)	207-08-9	1.0 (M); 0.8 (S)	1.0 (M); 0.8 (S)	NA	NLV	NLV	1.0 (M,AA); 0.8 (S)	0.8	ID	ID		<1.0	
Chrysene (Q)	218-01-9	1.6 (S)	1.6 (S)	ID	ID	ID	1.6 (S,AA)	1.6	ID	ID		<1.0	
Dibenzo(a,h)anthracene (Q)	53-70-3	2.0 (M); 0.21	2.0 (M); 0.85	ID	NLV	NLV	2.0 (M,AA); 0.31	2.49	ID	ID		<2.0	
Fluoranthene	206-44-0	210 (S)	210 (S)	1.6	210 (S)	210 (S)	210 (S)	206	ID	ID		<1.0	
Fluorene	86-73-7	880	2,000 (S)	12	2,000 (S)	2,000 (S)	2,000 (S)	1,980	ID	ID		<5.0	
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	2.0 (M); 0.022 (S)	2.0 (M); 0.022 (S)	ID	NLV	NLV	2.0 (M, AA); 0.022 (S)	0.022	ID	ID		<2.0	
2-Methylnaphthalene	91-57-6	260	750	19	25,000 (S)	25,000 (S)	25,000 (S)	24,600	ID	ID		<5.0	<5.0
Phenanthrene	85-01-8	52	150	2.0 (M); 1.4	1,000 (S)	1,000 (S)	1,000 (S)	1,000	ID	ID		<2.0	
Pyrene	129-00-0	140 (S)	140 (S)	ID	140 (S)	140 (S)	140 (S)	135	ID	ID		<5.0	
Volatiles													
Benzene (I)	71-43-2	5.0 (A)	5.0 (A)	200 (X)	5,600	35,000	11,000	1.75E+6	68,000	67,000		<1.0	<1.0

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YEOMAN GROUP

MDEQ Groundwater
Part 201
Generic Cleanup Criteria and Screening Levels

Yeoman Group Project No. 13-20472

209 S Main Street
Romeo, MI

Guidesheet Number →		#1	#2	#3	#4	#5	#6	#7	#8	#9			
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Residential Drinking Water Criteria & RBSLs**	**Non-residential Drinking Water Criteria & RBSLs**	**Groundwater Surface Water Interface Criteria & RBSLs**	**Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Groundwater Contact Criteria & RBSLs**	**Water Solubility**	**Flammability and Explosivity Screening Level**	**Acute Inhalation Screening Level**	Sample Location	YGP-9	TRIP BLANK
											Collection Date	3/26/2013	3/26/2013
											Depth	-	-
Bromodichloromethane	75-27-4	80 (A,W)	80 (A,W)	ID	4,800	37,000	14,000	6.74E+6	ID	ID		<1.0	<1.0
Bromoform	75-25-2	80 (A,W)	80 (A,W)	ID	4.7E+5	3.1E+6 (S)	1.4E+5	3.10E+6	ID	ID		<1.0	<1.0
Bromomethane	74-83-9	10	29	35	4,000	9,000	70,000	1.45E+7	ID	ID		<5.0	<5.0
Carbon tetrachloride	56-23-5	5.0 (A)	5.0 (A)	45 (X)	370	2,400	4,600	7.93E+5	ID	96,000		<1.0	<1.0
Chlorobenzene (I)	108-90-7	100 (A)	100 (A)	25	2.1E+5	4.7E+5 (S)	86,000	4.72E+5	1.6E+5	ID		<1.0	<1.0
Chloroethane	75-00-3	430	1,700	1,100 (X)	5.7E+6 (S)	5.7E+6 (S)	4.4E+5	5.74E+6	1.1E+5	ID		<1.0	<1.0
Chloroform	67-66-3	80 (A,W)	80 (A,W)	350	28,000	1.8E+5	1.5E+5	7.92E+6	ID	ID		<1.0	<1.0
Chloromethane (I)	74-87-3	260	1,100	ID	8,600	45,000	4.9E+5	6.34E+6	36,000	2.1E+5		<5.0	<5.0
Dibromochloromethane	124-48-1	80 (A,W)	80 (A,W)	ID	14,000	1.1E+5	18,000	2.60E+6	ID	ID		<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	600 (A)	600 (A)	13	1.6E+5 (S)	1.6E+5 (S)	1.6E+5 (S)	1.56E+5	NA	1.6E+5 (S)		<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	6.6	19	28	18,000	41,000	2,000	1.11E+5	ID	ID		<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	75 (A)	75 (A)	17	16,000	74,000 (S)	6,400	73,800	NA	ID		<1.0	<1.0
1,1-Dichloroethane	75-34-3	880	2,500	740	1.0E+6	2.3E+6	2.4E+6	5.06E+6	3.8E+5	ID		<1.0	<1.0
1,2-Dichloroethane (I)	107-06-2	5.0 (A)	5.0 (A)	360 (X)	9,600	59,000	19,000	8.52E+6	2.5E+6	ID		<1.0	<1.0
cis-1,2-Dichloroethylene	156-59-2	70 (A)	70 (A)	620	93,000	2.1E+5	2.0E+5	3.50E+6	5.3E+5	ID		<1.0	<1.0
trans-1,2-Dichloroethylene	156-60-5	100 (A)	100 (A)	1,500 (X)	85,000	2.0E+5	2.2E+5	6.30E+6	2.3E+5	ID		<1.0	<1.0
1,1-Dichloroethylene (I)	75-35-4	7.0 (A)	7.0 (A)	130	200	1,300	11,000	2.25E+6	97,000	1.4E+5		<1.0	<1.0
1,2-Dichloropropane (I)	78-87-5	5.0 (A)	5.0 (A)	230 (X)	16,000	36,000	16,000	2.80E+6	5.5E+5	2.8E+6 (S)		<1.0	<1.0
cis-1,3-Dichloropropylene	10061-01-5											<1.0	<1.0
trans-1,3-Dichloropropylene	10061-02-6											<1.0	<1.0
Ethylbenzene (I)	100-41-4	74 (E)	74 (E)	18	1.1E+5	1.7E+5 (S)	1.7E+5 (S)	1.69E+5	43,000	1.7E+5 (S)		<1.0	<1.0
Ethylene dibromide	106-93-4	0.05 (A)	0.05 (A)	5.7 (X)	2,400	15,000	25	4.20E+6	ID	ID		<1.0	<1.0
Methylene chloride	75-09-2	5.0 (A)	5.0 (A)	1,500 (X)	2.2E+5	1.4E+6	2.2E+5	1.70E+7	ID	ID		<5.0	<5.0
2-Methylnaphthalene	91-57-6	260	750	19	25,000 (S)	25,000 (S)	25,000 (S)	24,600	ID	ID		<5.0	<5.0
Naphthalene	91-20-3	520	1,500	11	31,000 (S)	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)		<5.0	<5.0
1,1,1,2-Tetrachloroethane	630-20-6	77	320	ID	15,000	96,000	30,000	1.10E+6	ID	ID		<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	8.5	35	78 (X)	12,000	77,000	4,700	2.97E+6	ID	ID		<1.0	<1.0
Tetrachloroethylene	127-18-4	5.0 (A)	5.0 (A)	60 (X)	25,000	1.7E+5	12,000	2.0E+5	ID	2.0E+5 (S)		**20**	<1.0
Toluene (I)	108-88-3	790 (E)	790 (E)	270	5.3E+5 (S)	5.3E+5 (S)	5.3E+5 (S)	5.26E+5	61,000	ID		**2.9**	<1.0
1,2,4-Trichlorobenzene	120-82-1	70 (A)	70 (A)	99 (X)	3.0E+5 (S)	3.0E+5 (S)	19,000	3.00E+5	NA	3.0E+5 (S)		<5.0	<5.0
1,1,1-Trichloroethane	71-55-6	200 (A)	200 (A)	89	6.6E+5	1.3E+6 (S)	1.3E+6 (S)	1.33E+6	ID	1.3E+6 (S)		<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	5.0 (A)	5.0 (A)	330 (X)	17,000	1.1E+5	21,000	4.42E+6	NA	ID		<1.0	<1.0
Trichloroethylene	79-01-6	5.0 (A)	5.0 (A)	200 (X)	2,200	4,900	22,000	1.10E+6	ID	1.1E+6 (S)		**3.4**	<1.0
1,2,3-Trimethylbenzene	526-73-8											<1.0	<1.0
1,2,4-Trimethylbenzene (I)	95-63-6	63 (E)	63 (E)	17	56,000 (S)	56,000 (S)	56,000 (S)	55,890	56,000 (S)	ID		<1.0	<1.0

Bold analytical result = exceeds method dectection limit

Bold in yellow analytical result = exceeds one or more cleanup criteria

Guidesheet Number →		#1	#2	#3	#4	#5	#6	#7	#8	#9			
Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Residential Drinking Water Criteria & RBSLs**	**Non-residential Drinking Water Criteria & RBSLs**	**Groundwater Surface Water Interface Criteria & RBSLs**	**Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs**	**Groundwater Contact Criteria & RBSLs**	**Water Solubility**	**Flammability and Explosivity Screening Level**	**Acute Inhalation Screening Level**	Sample Location	YGP-9	TRIP BLANK
											Collection Date	3/26/2013	3/26/2013
											Depth	-	-
1,3,5-Trimethylbenzene (I)	108-67-8	72 (E)	72 (E)	45	61,000 (S)	61,000 (S)	61,000 (S)	61,150	ID	ID		<1.0	<1.0
Vinyl chloride	75-01-4	2.0 (A)	2.0 (A)	13 (X)	1,100	13,000	1,000	2.76E+6	33,000	ID		<1.0	<1.0
Xylenes (I)	1330-20-7	280 (E)	280 (E)	41	1.9E+5 (S)	1.9E+5 (S)	1.9E+5 (S)	1.86E+5	70,000	1.9E+5 (S)		<3.0	<3.0

Enclosure 8

Laboratory Reports

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Tuesday, April 02, 2013

Fibertec Project Number:	54906
Project Identification:	209 S. Main St. Romeo, MI /13-20472
Submittal Date:	03/26/2013

Mr. Roy Gantt
The Yeoman Group - Northville
200 N. Center
Northville, MI 48167

Dear Mr. Gantt,

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 samples will be disposed of 30 days after 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,

Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-1 3.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**1**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:14**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) — **Aliquot ID: 54906-001A** — **Matrix: Soil/Solid** — **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**13**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) — **Aliquot ID: 54906-001A** — **Matrix: Soil/Solid** — **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**69**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**4600**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**4900**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) — **Aliquot ID: 54906-001A** — **Matrix: Soil/Solid** — **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) — **Aliquot ID: 54906-001** — **Matrix: Soil/Solid** — **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-1 3.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**1**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:14**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-001** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-001A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-1 3.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**1**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:14**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-001A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-2 3.4' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**3**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-003A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**4.3**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-003A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**280**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**6600**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**78000**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-003A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-003** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-2 3.4' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**3**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-003** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-003A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-2 3.4' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**3**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-003A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-3 1.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**5**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:18**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-005A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**16**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-005A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**250**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**9700**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**10000**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-005A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-005** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-3 1.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**5**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:18**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-005** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-005A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-3 1.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**5**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:18**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-005A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-4 3.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**7**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-007A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**14**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-007A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**280**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**11000**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**28000**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-007A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-007** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-4 3.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**7**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-007** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-007A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-4 3.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**7**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-007A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 4.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**9**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-009A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**14**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-009A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**240**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**8600**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**71000**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-009A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-009** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 4.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**9**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-009** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	290	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	58	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-009A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 4.0' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**9**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:45**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-009A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 17.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**10**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:53**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-010A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**15**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-010A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**130**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**4200**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**3700**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-010A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-010** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 17.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**10**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:53**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-010** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	120	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	300	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	59	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-010A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-5 17.5' BGS**	Chain of Custody:	**99112**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**10**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**12:53**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-010A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-6 12' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**11**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:36**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-011A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**4.2**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-011A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	U		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**2900**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**2100**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-011A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-011** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-6 12' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**11**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:36**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-011** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-011A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-6 12' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**11**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**13:36**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-011A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-7 6' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**13**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-013A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**2.5**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-013A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**68**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**4700**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**3700**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-013A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-013** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-7 6' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**13**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-013** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	130	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	51	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-013A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-7 6' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**13**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-013A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-8 12.5' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**15**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:35**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-015A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**6.7**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-015A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	U		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**2700**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**2100**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-015A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-015** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	270	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	270	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-8 12.5' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**15**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:35**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-015** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	110	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	270	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	54	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-015A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-8 12.5' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**15**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**14:35**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-015A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-9 4' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**16**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:00**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 54906-016A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**4.0**		%	0.1	1.0	03/29/13	MC130329	04/01/13	MC130329

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 54906-016A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**67**		µg/kg	50	20	03/29/13	PT13C29C	03/29/13	T213C29A
2. Chromium	**5700**		µg/kg	500	20	03/29/13	PT13C29C	03/29/13	T213C29A
3. Lead	**3600**		µg/kg	1000	20	03/29/13	PT13C29C	03/29/13	T213C29A

Polychlorinated Biphenyls (PCBs) (EPA 3546/EPA 8082A) **Aliquot ID: 54906-016A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
2. Aroclor-1221	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
3. Aroclor-1232	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
4. Aroclor-1242	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
5. Aroclor-1248	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
6. Aroclor-1254	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
7. Aroclor-1260	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
8. Aroclor-1262 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B
9. Aroclor-1268 (NN)	U		µg/kg	330	5.0	03/29/13	PS13C29A	03/29/13	SB13C29B

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-016** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
2. Bromodichloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
3. Bromoform	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
4. Bromomethane	U		µg/kg	200	1.0	03/28/13	V913C28A	03/28/13	V913C28A
5. Carbon Tetrachloride	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
6. Chlorobenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
7. Chloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
8. Chloroform	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
9. Chloromethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
10. Dibromochloromethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
13. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
14. 1,1-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
15. 1,2-Dichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-9 4' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**16**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:00**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Waste Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 54906-016** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
19. 1,2-Dichloropropane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
20. cis-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
21. trans-1,3-Dichloropropene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
22. Ethylbenzene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
23. Ethylene Dibromide	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
24. Methylene Chloride	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
25. Naphthalene	U		µg/kg	330	1.0	03/28/13	V913C28A	03/28/13	V913C28A
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
28. Tetrachloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
29. Toluene	U		µg/kg	50	1.0	03/28/13	V913C28A	03/28/13	V913C28A
30. 1,2,3-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
31. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	03/28/13	V913C28A	03/28/13	V913C28A
32. 1,1,1-Trichloroethane	U		µg/kg	260	1.0	03/28/13	V913C28A	03/28/13	V913C28A
33. 1,1,2-Trichloroethane	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
34. Trichloroethene	U		µg/kg	52	1.0	03/28/13	V913C28A	03/28/13	V913C28A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
36. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
37. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	03/28/13	V913C28A	03/28/13	V913C28A
38. Vinyl Chloride	U		µg/kg	40	1.0	03/28/13	V913C28A	03/28/13	V913C28A
39. Xylenes	U		µg/kg	150	1.0	03/28/13	V913C28A	03/28/13	V913C28A

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-016A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
2. Acenaphthylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
3. Anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
4. Benzo(a)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
5. Benzo(a)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
6. Benzo(b)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
7. Benzo(ghi)perylene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
8. Benzo(k)fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
9. Chrysene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
10. Dibenzo(a,h)anthracene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
11. Fluoranthene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-9 4' BGS**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**16**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**15:00**

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 NN: Parameter not included in NELAC Scope of Analysis.

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 54906-016A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
12. Fluorene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
13. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
14. 2-Methylnaphthalene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
15. Phenanthrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B
16. Pyrene	U		µg/kg	330	1.0	03/29/13	PS13C29A	03/29/13	S513C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-9**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**18**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Ground Water**	Collect Time:	**15:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable NN: Parameter not included in NELAC Scope of Analysis.

Trace Elements by ICP/MS, Total Recoverable (EPA 3005A-M/EPA 6020A) **Aliquot ID: 54906-018A** **Matrix: Ground Water** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	U		µg/L	1.0	10	03/28/13	PT13C28C	03/28/13	T213C28A
2. Chromium	U		µg/L	10	10	03/28/13	PT13C28C	03/28/13	T213C28A
3. Lead	U		µg/L	3.0	10	03/28/13	PT13C28C	03/28/13	T213C28A

Polychlorinated Biphenyls (PCBs) (EPA 3510C/EPA 8082A) **Aliquot ID: 54906-018B** **Matrix: Ground Water** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Aroclor-1016	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
2. Aroclor-1221	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
3. Aroclor-1232	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
4. Aroclor-1242	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
5. Aroclor-1248	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
6. Aroclor-1254	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
7. Aroclor-1260	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
8. Aroclor-1262 (NN)	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A
9. Aroclor-1268 (NN)	U		µg/L	0.20	1.0	04/01/13	PS13D01B	04/01/13	SA13D01A

VOCs - UST - Waste Oils (EPA 5030B/EPA 8260B) **Aliquot ID: 54906-018** **Matrix: Ground Water** **Analyst: JPL**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
2. Bromodichloromethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
3. Bromoform	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
4. Bromomethane	U		µg/L	5.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
5. Carbon Tetrachloride	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
6. Chlorobenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
7. Chloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
8. Chloroform	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
9. Chloromethane	U		µg/L	5.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
10. Dibromochloromethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
11. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
12. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
13. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
14. 1,1-Dichloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
15. 1,2-Dichloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
16. 1,1-Dichloroethene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
17. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
18. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
19. 1,2-Dichloropropane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-9**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**18**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Ground Water**	Collect Time:	**15:45**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable NN: Parameter not included in NELAC Scope of Analysis.

VOCs - UST - Waste Oils (EPA 5030B/EPA 8260B) **Aliquot ID: 54906-018** **Matrix: Ground Water** **Analyst: JPL**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
20. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
21. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
22. Ethylbenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
23. Ethylene Dibromide	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
24. Methylene Chloride	U		µg/L	5.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
25. Naphthalene	U		µg/L	5.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
26. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
27. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
28. Tetrachloroethene	**20**		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
29. Toluene	**2.9**		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
30. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
31. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
32. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
33. Trichloroethene	**3.4**		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
34. 1,2,3-Trimethylbenzene (NN)	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
35. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
36. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
37. Vinyl Chloride	U		µg/L	1.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B
38. Xylenes	U		µg/L	3.0	1.0	03/29/13	VB13C29B	03/30/13	VB13C29B

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3510C/EPA 8270C) **Aliquot ID: 54906-018B** **Matrix: Ground Water** **Analyst: TMC**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
2. Acenaphthylene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
3. Anthracene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
4. Benzo(a)anthracene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
5. Benzo(a)pyrene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
6. Benzo(b)fluoranthene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
7. Benzo(ghi)perylene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
8. Benzo(k)fluoranthene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
9. Chrysene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
10. Dibenzo(a,h)anthracene	U		µg/L	2.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
11. Fluoranthene	U		µg/L	1.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
12. Fluorene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
13. Indeno(1,2,3-cd)pyrene	U		µg/L	2.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
14. 2-Methylnaphthalene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
15. Phenanthrene	U		µg/L	2.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A
16. Pyrene	U		µg/L	5.0	1.0	03/29/13	PS13C29C	03/29/13	S313C29A

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**TRIP BLANK**	Chain of Custody:	**121564**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**19**	Collect Date:	**03/26/13**
Client Project No:	**13-20472**	Sample Matrix:	**Ground Water**	Collect Time:	**NA**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable NN: Parameter not included in NELAC Scope of Analysis.

VOCs - UST - Waste Oils (EPA 5030B/EPA 8260B) **Aliquot ID: 54906-019** **Matrix: Ground Water** **Analyst: JPL**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
2. Bromodichloromethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
3. Bromoform	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
4. Bromomethane	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
5. Carbon Tetrachloride	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
6. Chlorobenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
7. Chloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
8. Chloroform	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
9. Chloromethane	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
10. Dibromochloromethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
11. 1,2-Dichlorobenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
12. 1,3-Dichlorobenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
13. 1,4-Dichlorobenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
14. 1,1-Dichloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
15. 1,2-Dichloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
16. 1,1-Dichloroethene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
17. cis-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
18. trans-1,2-Dichloroethene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
19. 1,2-Dichloropropane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
20. cis-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
21. trans-1,3-Dichloropropene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
22. Ethylbenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
23. Ethylene Dibromide	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
24. Methylene Chloride	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
25. 2-Methylnaphthalene (NN)	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
26. Naphthalene	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
27. 1,1,1,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
28. 1,1,2,2-Tetrachloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
29. Tetrachloroethene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
30. Toluene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
31. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
32. 1,1,1-Trichloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
33. 1,1,2-Trichloroethane	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
34. Trichloroethene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
35. 1,2,3-Trimethylbenzene (NN)	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
36. 1,2,4-Trimethylbenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
37. 1,3,5-Trimethylbenzene	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
38. Vinyl Chloride	U		µg/L	1.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A
39. Xylenes	U		µg/L	3.0	1.0	04/01/13	VB13D01A	04/01/13	VB13D01A

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 QA limits

Exception Summary:

ACCREDITED IN ACCORDANCE WITH nelac

Accreditation Number:

E-10395

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertec.us

Geoprobe
11766 E. Grand River
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 99112
PAGE 1 of 2

Client Name: YEOMAN GROUP
Contact Person: ROY GANTT
Project Name/ Number: 13-20472
209 S. MAIN ST.
ROMEO, MI
Purchase Order#

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS: WASTE OIL	Remarks
	3-26-13	1014		YGP-1 3.0' bgs	S	4	Y	X	
	3-26-13	1020		YGP-1 12' bgs	S	3	Y		HOLD
	3-26-13	1045		YGP-2 3.4' bgs	S	4	Y	X	
	3/26/13	1106		YGP-2 16' bgs	S	3	Y		HOLD
	3/26/13	1118		YGP-3 1.5' bgs	S	4	Y	X	
	3/26/13	1130		YGP-3 8.0' bgs	S	3	Y		HOLD
	3/26/13	1210		YGP-4 3.5' bgs	S	4	Y	X	
	3/26/13	1230		YGP-4 11.5' bgs	S	3	Y		HOLD
	3/26/13	1245		YGP-5 4.0' bgs	S	4	Y	X	
	3/26/13	1253		YGP-5 17.5' bgs	S	4	Y	X	

Turnaround
- 24 hour RUSH (surcharge applies)
- 48 hour RUSH (surcharge applies)
- 72 hour RUSH (surcharge applies)
- [X] Standard (5-7 bus. days)
- Other: Specify

Matrix Code
S Soil | GW Ground Water | W Water | SW Surface Water | A Air | WW Waste Water | O Oil | X Other: Specify | P Wipe

Comments:

Relinquished By:	Date/ Time 3/26/13 4:30	Received By:
Relinquished By:	Date/ Time 3/27/13 2:15	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

LAB USE ONLY:
Fibertec project number: 54906
Laboratory Tracking:
Temperature at Receipt:

COC Revision: April, 2006

TERMS & CONDITIONS ON BACK

RCVD ON ICE 2.3°C

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertec.us

Geoprobe
11766 E. Grand River
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # 121564
PAGE 2 of 2

Client Name: Yeomans Group
Contact Person: Roy Gantt
Project Name/ Number: 13-20422
209 S. Main St.
Romeo, MI
Purchase Order#

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	WASTE OIL	Remarks
	3/26/13	1336		YGP-6 12' bgs	S	4	Y	X	
	3/26/13	1340		YGP-6 4' bgs	S	4	Y		HOLD
	3/26/13	1410		YGP-7 6' bgs	S	4	Y	X	
	3/26/13	1420		YGP-8 4' bgs	S	4	Y		HOLD RG
	3/26/13	1435		YGP-8 12.5'	S	4	Y	X	
	3/26/13	1500		YGP-9 4'	S	4	Y	X	
	3/26/13	1515		YGP-9 10'	S	4	Y		HOLD
	3/26/13	1545	1545	YGP-9	W	5	Y	X	WATER

PARAMETERS

Turnaround
- 24 hour RUSH (surcharge applies)
- 48 hour RUSH (surcharge applies)
- 72 hour RUSH (surcharge applies)
- ☑ Standard (5-7 bus. days)
- Other: Specify

Matrix Code
S Soil; GW Ground Water; W Water; SW Surface Water; A Air; WW Waste Water; O Oil; X Other: Specify; P Wipe

Comments:

	Date/ Time	
Relinquished By: Roy Gantt	3/26/13 4:30	Received By:
Relinquished By:	Date/ Time 3/27/13 2:15	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

LAB USE ONLY:
Fibertec project number:
Laboratory Tracking:
Temperature at Receipt:

RCV'D ON ICE 2.3°C

COC Revision: April, 2006

TERMS & CONDITIONS ON BACK

Fibertec
environmental
services

Wednesday, April 24, 2013

Fibertec Project Number:	55292
Project Identification:	209 S. Main St. Romeo, MI /13-20472
Submittal Date:	04/17/2013

Mr. Roy Gantt
The Yeoman Group - Northville
200 N. Center
Northville, MI 48167

Dear Mr. Gantt,

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 samples will be disposed of 30 days after 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,

Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: 55292
Laboratory Sample Number: 55292-001

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YHA-1 4.0'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**1**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:30**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 55292-001A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**5.7**		%	0.1	1.0	04/18/13	MC130418	04/19/13	MC130418

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 55292-001A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**94**		µg/kg	50	20	04/19/13	PT13D19C	04/22/13	T213D22A
2. Chromium	**6700**		µg/kg	500	20	04/19/13	PT13D19C	04/22/13	T213D22A
3. Lead	**5000**		µg/kg	1000	20	04/19/13	PT13D19C	04/22/13	T213D22A

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-001** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
2. Bromodichloromethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
3. Bromoform	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
4. Bromomethane	U		µg/kg	200	1.0	04/17/13	V913D17B	04/18/13	V913D17B
5. Carbon Tetrachloride	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
6. Chlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
7. Chloroethane	U		µg/kg	270	1.0	04/17/13	V913D17B	04/18/13	V913D17B
8. Chloroform	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
9. Chloromethane	U		µg/kg	270	1.0	04/17/13	V913D17B	04/18/13	V913D17B
10. Dibromochloromethane	U		µg/kg	270	1.0	04/17/13	V913D17B	04/18/13	V913D17B
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
13. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
14. 1,1-Dichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
15. 1,2-Dichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
19. 1,2-Dichloropropane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
20. cis-1,3-Dichloropropene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
21. trans-1,3-Dichloropropene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
22. Ethylbenzene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
23. Ethylene Dibromide	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
24. Methylene Chloride	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
25. Naphthalene	U		µg/kg	330	1.0	04/17/13	V913D17B	04/18/13	V913D17B
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YHA-1 4.0'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**1**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**09:30**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-001** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
28. Tetrachloroethene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
29. Toluene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
30. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/17/13	V913D17B	04/18/13	V913D17B
31. 1,1,1-Trichloroethane	U		µg/kg	270	1.0	04/17/13	V913D17B	04/18/13	V913D17B
32. 1,1,2-Trichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
33. Trichloroethene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
34. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
35. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
36. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
37. Vinyl Chloride	U		µg/kg	40	1.0	04/17/13	V913D17B	04/18/13	V913D17B
38. Xylenes	U		µg/kg	150	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 55292-001A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
2. Acenaphthylene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
3. Anthracene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
4. Benzo(a)anthracene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
5. Benzo(a)pyrene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
6. Benzo(b)fluoranthene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
7. Benzo(ghi)perylene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
8. Benzo(k)fluoranthene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
9. Chrysene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
10. Dibenzo(a,h)anthracene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
11. Fluoranthene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
12. Fluorene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
13. Indeno(1,2,3-cd)pyrene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
14. 2-Methylnaphthalene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
15. Phenanthrene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B
16. Pyrene (SIM)	U		µg/kg	330	10	04/22/13	PS13D22F	04/23/13	S513D23B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-10 14.0'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**2**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:30**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 55292-002A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**12**		%	0.1	1.0	04/18/13	MC130418	04/19/13	MC130418

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 55292-002A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**74**		µg/kg	50	20	04/19/13	PT13D19C	04/22/13	T213D22A
2. Chromium	**3400**		µg/kg	500	20	04/19/13	PT13D19C	04/22/13	T213D22A
3. Lead	**3400**		µg/kg	1000	20	04/19/13	PT13D19C	04/22/13	T213D22A

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-002** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
2. Bromodichloromethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
3. Bromoform	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
4. Bromomethane	U		µg/kg	200	1.0	04/17/13	V913D17B	04/18/13	V913D17B
5. Carbon Tetrachloride	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
6. Chlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
7. Chloroethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
8. Chloroform	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
9. Chloromethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
10. Dibromochloromethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
13. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
14. 1,1-Dichloroethane	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
15. 1,2-Dichloroethane	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
19. 1,2-Dichloropropane	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
20. cis-1,3-Dichloropropene	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
21. trans-1,3-Dichloropropene	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
22. Ethylbenzene	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
23. Ethylene Dibromide	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
24. Methylene Chloride	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
25. Naphthalene	U		µg/kg	330	1.0	04/17/13	V913D17B	04/18/13	V913D17B
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-10 14.0'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**2**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**10:30**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-002** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
28. Tetrachloroethene	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
29. Toluene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
30. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/17/13	V913D17B	04/18/13	V913D17B
31. 1,1,1-Trichloroethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
32. 1,1,2-Trichloroethane	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
33. Trichloroethene	U		µg/kg	57	1.0	04/17/13	V913D17B	04/18/13	V913D17B
34. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
35. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
36. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
37. Vinyl Chloride	U		µg/kg	40	1.0	04/17/13	V913D17B	04/18/13	V913D17B
38. Xylenes	U		µg/kg	150	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 55292-002A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
2. Acenaphthylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
3. Anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
4. Benzo(a)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
5. Benzo(a)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
6. Benzo(b)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
7. Benzo(ghi)perylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
8. Benzo(k)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
9. Chrysene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
10. Dibenzo(a,h)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
11. Fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
12. Fluorene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
13. Indeno(1,2,3-cd)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
14. 2-Methylnaphthalene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
15. Phenanthrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
16. Pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-11 10.5'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**3**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 55292-003A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**5.5**		%	0.1	1.0	04/18/13	MC130418	04/19/13	MC130418

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 55292-003A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**60**		µg/kg	50	20	04/19/13	PT13D19C	04/22/13	T213D22A
2. Chromium	**4200**		µg/kg	500	20	04/19/13	PT13D19C	04/22/13	T213D22A
3. Lead	**3600**		µg/kg	1000	20	04/19/13	PT13D19C	04/22/13	T213D22A

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-003** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
2. Bromodichloromethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
3. Bromoform	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
4. Bromomethane	U		µg/kg	200	1.0	04/17/13	V913D17B	04/18/13	V913D17B
5. Carbon Tetrachloride	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
6. Chlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
7. Chloroethane	U		µg/kg	260	1.0	04/17/13	V913D17B	04/18/13	V913D17B
8. Chloroform	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
9. Chloromethane	U		µg/kg	260	1.0	04/17/13	V913D17B	04/18/13	V913D17B
10. Dibromochloromethane	U		µg/kg	260	1.0	04/17/13	V913D17B	04/18/13	V913D17B
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
13. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
14. 1,1-Dichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
15. 1,2-Dichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
19. 1,2-Dichloropropane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
20. cis-1,3-Dichloropropene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
21. trans-1,3-Dichloropropene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
22. Ethylbenzene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
23. Ethylene Dibromide	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
24. Methylene Chloride	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
25. Naphthalene	U		µg/kg	330	1.0	04/17/13	V913D17B	04/18/13	V913D17B
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-11 10.5'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**3**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:10**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-003** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
28. Tetrachloroethene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
29. Toluene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
30. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/17/13	V913D17B	04/18/13	V913D17B
31. 1,1,1-Trichloroethane	U		µg/kg	260	1.0	04/17/13	V913D17B	04/18/13	V913D17B
32. 1,1,2-Trichloroethane	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
33. Trichloroethene	U		µg/kg	53	1.0	04/17/13	V913D17B	04/18/13	V913D17B
34. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
35. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
36. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
37. Vinyl Chloride	U		µg/kg	40	1.0	04/17/13	V913D17B	04/18/13	V913D17B
38. Xylenes	U		µg/kg	150	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 55292-003A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
2. Acenaphthylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
3. Anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
4. Benzo(a)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
5. Benzo(a)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
6. Benzo(b)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
7. Benzo(ghi)perylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
8. Benzo(k)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
9. Chrysene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
10. Dibenzo(a,h)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
11. Fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
12. Fluorene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
13. Indeno(1,2,3-cd)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
14. 2-Methylnaphthalene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
15. Phenanthrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
16. Pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-12 14'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**4**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:40**

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 NN: Parameter not included in NELAC Scope of Analysis.

Dry Weight Determination (ASTM D 2974-87) **Aliquot ID: 55292-004A** **Matrix: Soil/Solid** **Analyst: BMG**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Percent Moisture (Water Content) (NN)	**9.6**		%	0.1	1.0	04/18/13	MC130418	04/19/13	MC130418

Trace Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) **Aliquot ID: 55292-004A** **Matrix: Soil/Solid** **Analyst: JLP**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Cadmium	**70**		µg/kg	50	20	04/19/13	PT13D19C	04/22/13	T213D22A
2. Chromium	**3600**		µg/kg	500	20	04/19/13	PT13D19C	04/22/13	T213D22A
3. Lead	**3600**		µg/kg	1000	20	04/19/13	PT13D19C	04/22/13	T213D22A

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-004** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Benzene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
2. Bromodichloromethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
3. Bromoform	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
4. Bromomethane	U		µg/kg	200	1.0	04/17/13	V913D17B	04/18/13	V913D17B
5. Carbon Tetrachloride	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
6. Chlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
7. Chloroethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
8. Chloroform	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
9. Chloromethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
10. Dibromochloromethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
11. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
12. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
13. 1,4-Dichlorobenzene	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
14. 1,1-Dichloroethane	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
15. 1,2-Dichloroethane	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
16. 1,1-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
17. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
18. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
19. 1,2-Dichloropropane	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
20. cis-1,3-Dichloropropene	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
21. trans-1,3-Dichloropropene	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
22. Ethylbenzene	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
23. Ethylene Dibromide	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
24. Methylene Chloride	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
25. Naphthalene	U		µg/kg	330	1.0	04/17/13	V913D17B	04/18/13	V913D17B
26. 1,1,1,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B
27. 1,1,2,2-Tetrachloroethane	U		µg/kg	110	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Client Identification:	**The Yeoman Group - Northville**	Sample Description:	**YGP-12 14'**	Chain of Custody:	**121243**
Client Project Name:	**209 S. Main St. Romeo, MI**	Sample No:	**4**	Collect Date:	**04/17/13**
Client Project No:	**13-20472**	Sample Matrix:	**Soil/Solid**	Collect Time:	**11:40**

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 NN: Parameter not included in NELAC Scope of Analysis.

UST - Used Motor Oils - Volatiles, 5035 (EPA 5035/EPA 8260B) **Aliquot ID: 55292-004** **Matrix: Soil/Solid** **Analyst: CCD**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
28. Tetrachloroethene	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
29. Toluene	U		µg/kg	50	1.0	04/17/13	V913D17B	04/18/13	V913D17B
30. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	04/17/13	V913D17B	04/18/13	V913D17B
31. 1,1,1-Trichloroethane	U		µg/kg	280	1.0	04/17/13	V913D17B	04/18/13	V913D17B
32. 1,1,2-Trichloroethane	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
33. Trichloroethene	U		µg/kg	55	1.0	04/17/13	V913D17B	04/18/13	V913D17B
34. 1,2,3-Trimethylbenzene (NN)	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
35. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
36. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	04/17/13	V913D17B	04/18/13	V913D17B
37. Vinyl Chloride	U		µg/kg	40	1.0	04/17/13	V913D17B	04/18/13	V913D17B
38. Xylenes	U		µg/kg	150	1.0	04/17/13	V913D17B	04/18/13	V913D17B

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3546/EPA 8270C) **Aliquot ID: 55292-004A** **Matrix: Soil/Solid** **Analyst: BDA**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Prep Date	Prep Batch	Analysis Date	Analysis Batch
1. Acenaphthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
2. Acenaphthylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
3. Anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
4. Benzo(a)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
5. Benzo(a)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
6. Benzo(b)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
7. Benzo(ghi)perylene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
8. Benzo(k)fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
9. Chrysene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
10. Dibenzo(a,h)anthracene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
11. Fluoranthene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
12. Fluorene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
13. Indeno(1,2,3-cd)pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
14. 2-Methylnaphthalene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
15. Phenanthrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B
16. Pyrene (SIM)	U		µg/kg	330	1.0	04/22/13	PS13D22F	04/23/13	S513D23B

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 QA limits

Exception Summary:

ACCREDITED IN ACCORDANCE WITH nelac

Accreditation Number:

E-10395

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertec.us

Geoprobe
11766 E. Grand River
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody # **121243**
PAGE 1 of 1

Client Name: YEOMAN Group
Contact Person: Roy GANTT
Project Name/ Number: Project 13-20472
209 S. MAIN ST.
ROMEO, MI
Purchase Order#

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS: USED OIL	Remarks
	4-17-13	0930		YHA-1 4.0'	S	3	Y	X	
	4-17-13	1030		YGP-10 14'	S	3	Y	X	DON'T RUN
	4-17-13	1110		YGP-11 10.5'	S	3	Y	X	TRIP BLANK
	4-17-13	1140		YGP-12 14'	S	3	Y	X	RG

Turnaround
- 24 hour RUSH (surcharge applies)
- 48 hour RUSH (surcharge applies)
- 72 hour RUSH (surcharge applies)
- [X] Standard (5-7 bus. days)
- Other: Specify

Matrix Code
S Soil | GW Ground Water | W Water | SW Surface Water | A Air | WW Waste Water | O Oil | X Other: Specify | P Wipe

Comments:

	Date/ Time	
Relinquished By:	4/17/13 12:08	Received By:
Relinquished By:	4/17/13 2:49	Received By:
Relinquished By:	Date/ Time	Received By Laboratory:

RCVD ON ICE

LAB USE ONLY:
Fibertec project number: 55292
Laboratory Tracking:
Temperature at Receipt: 4.3c

COC Revision: April, 2006

TERMS & CONDITIONS ON BACK

Enclosure 9

Resume of Professionals

Return to Enclosure Page

Return to Narrative

Roy G. Gantt

EDUCATION

Bachelor of Science (B.S)
(Geology and Earth Science)
Eastern Michigan University

PROFESSIONAL EXPERIENCE

Present **PROJECT MANAGER** for Yeoman Group, providing environmental risk management services for the lending industry.

2003 – 2007 **ENVIRONMENTAL MANAGER TO A NATIONAL OIL COMPANY**
Completed Tier II evaluations for all locations by incorporating site specific FOC and bulk density values into RBSL formulas. Recommended and implemented remediation strategies at the sites including; dewatering and soil excavation, dual phase vapor extraction, sewer lining and land use restrictions.

2000 – 2003 **ENVIRONMENTAL CONSULTANT (PRINCIPAL)**
My firm focused on hydrogeological investigations (Part 201 and 213) and remediation, including soil vapor extraction and dual phase extraction. I performed ground penetrating radar (GPR) investigations, permitting, health and safety, brownfield redevelopment; including, Phase I, II, and baseline environmental assessments. Responsibilities included marketing, creating and implementing budgets, and managing operations and writing/reviewing reports.

1998 – 2000 **ENVIRONMENTAL CONSULTANT**
Provided full service environmental consulting and remediation to large corporate clients, governmental agencies and developers, including 3M, Orkin, Home Depot, Chrysler, General Motors, Wayne County, and Lyon Township. The largest project consisted of building 5 mobile continuous air testing trailers to be installed in the Ukraine. Performed Phase I, II investigations as well as feasibility studies, and remediation of hydrocarbon contaminated soil and groundwater at various locations. The firm completed industrial OSHA, MDEQ, EPA compliance audits.

1986 – 1998 **MANAGER OF ENVIRONMENTAL OPERATIONS**
Performed Phase I and Phase II investigations for developers and lending institutions. Wrote/reviewed Phase I and II reports as well as performing GPR services.
Managed daily landfill operations, including: daily fill activities, construction of new landfill cells including liners and leachate collection systems. Oversight of remediation activities. Performed hydrogeological field investigations, evaluated sand and gravel resources at potential gravel pit locations, completed aquifer performance testing, soil boring and monitoring well installations, and geotechnical and material testing at numerous construction sites in southeastern and southwestern Michigan. Performed constant/falling head permeability tests, sieve tests (gradations), proctors, concrete breaks, DCP; hollow stem, solid flight, mud rotary drilling

TRAINING/CERTIFICATIONS

Professional Geologist, State of Tennessee
Licensed Builder, State of Michigan
OSHA 40 Hour HAZWOPER
Applied Drilling Engineering for Rotary and Auger Methods, National Water Well Association
Troxler Training course
ASTM – RBCA for Petroleum Sites