PHASE II
ENVIRONMENTAL SITE ASSESSMENT

HAMILTON TOWING FACILITY
802-812, 910-912 and 901-917 S. LaFayette Blvd.
South Bend, IN 46601

Project No. 2012-5041

May 4, 2012

Prepared For:

City of South Bend
Department of Community and Economic Development
227 West Jefferson, Suite 1200
South Bend, IN 46601

Prepared By:

WIGHTMAN PETRIE, INC.
412 S. Lafayette Blvd.
South Bend, Indiana 46601

WIGHTMAN PETRIE

SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

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APPENDIX

May 4, 2012

City of South Bend
Department of Community and Economic Development
227 W. Jefferson, Suite 1200
South Bend, Indiana 46601

Attention: Ms. Ann Kolata

RE: REPORT OF LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT, HAMILTON TOWING FACILITY 802-812, 910-912, & 901-917 S LAFAYETTE BLVD, SOUTH BEND, INDIANA

Wightman Petrie is pleased to provide the following Report of Limited Phase II Environmental Site Assessment as it relates to the Hamilton Properties at 802-812, 910-912, & 901-917 S. Lafayette Blvd., South Bend, Indiana. The following presents a brief summary of project information and the need for follow-up environmental services, the scope of services performed, a discussion of laboratory analysis and comparison to applicable Indiana Department of Environmental Management (IDEM) Risk Integrated System of Closure (RISC), Default Closure Criteria, and resultant Conclusions/Recommendations.

PROJECT INFORMATION

The following information is based upon individual Phase I Environmental Site Assessment Reports that were completed for the City of South Bend by Wightman Environmental Inc. (WEI) in November 2008. Such Phase I Environmental Site Assessments were performed as an initial phase in the consideration of acquisition by the City of South Bend. However, with shifting priorities and funding considerations, such acquisition was indefinitely delayed.

Currently, the City of South Bend is reconsidering potential acquisition of the Hamilton Properties for the expansion of Ignition Park, as a key part of the overall re-development of the former Studebaker Manufacturing Zone. As such, the City of South Bend was is interested in completion of the Phase II Environmental Site Assessments, as recommended by the November 2008 Phase I Assessments, in order to determine the extent to which any environmental impacts associated with historical automotive towing, service and body shop operations exist at the subject properties. Once complete, the City of South Bend intends to use the results of the Phase II Site Assessments to negotiate a Purchase Agreement with the property owners, with completion of an Updated Phase I Environmental Site Assessment within an appropriate environmental due diligence period established by buying and selling parties.

802 – 812 S. Lafayette Blvd. (Hamilton Tow Yard) – consists of four (4) parcels of land (018-3042-1607 through 018-3042-1610) totaling approximately 0.58 acres. The northernmost lot is developed with one (1) structure that was reported to have been used as garage space for storage of the Hamilton Towing fleet vehicles. Office space is present on the south side of the structure. The remainder of the property is currently being used for the storage of automobiles, trailers and machinery associated with the Hamilton Towing operation. The entire property is enclosed with an aluminum fence, with access via a locking swing gate along S. Lafayette Blvd. Historically, auto repair operations occupied the subject site from 1949 through at least 1980 (Sanborn Fire Insurance Maps), with two (2) gasoline USTs having been located on the south side of the former auto service building. In addition, the current owner has indicated that a heating oil UST system was excavated from the ground on the east side of the existing building. In addition, a hydraulic lift, no longer in use, was identified as having been left in the ground, within the

existing building. The subject property was not identified by the regulatory database search; however there was significant potential for on-site migration of contaminants from surrounding sources.

910-912 S. Lafayette Blvd. (Hamilton Towing) – consists of three (3) parcels (018-8001-0001, 18-8001-0002 and 018-8001-00201) totaling approximately 0.33-acres. The subject site is developed with one (1) structure which is occupied by Hamilton Towing, and being used as office space and as a fleet (tow truck) storage and maintenance facility. The building was reportedly constructed in the 1920s, and contained a trench drain that extends the entire length of the building, for which Mr. Hamilton was unfamiliar with the point of discharge. Bulk storage of petroleum products and hazardous materials (i.e., diesel fuel, lubricants, solvents, etc.) were identified in the maintenance area of the building, in addition to two (2) oil ASTs, drums and smaller sized (commercially available) containers throughout the building. Historical Sanborn Maps indicate use of the building as an auto repair facility from 1917 through at least 1980. The subject property was not identified by the regulatory database search; however there was significant potential for on-site migration of contaminants from surrounding sources.

901-917 S. Lafayette Blvd. – consists of five (5) parcels (018-8002-0094, and 018-8002-0096 through 018-8002-0099) totaling approximately 0.93-acres of land. The subject site is developed with three (3) structures. A large building is located near the center of the property which is used as an office and maintenance garage. A second building that appears to be used as a paint shop and storage space, and a third building used for storage, is located near the southwest corner of the property. According to Sanborn Maps, the historical use of the property includes residential, a gasoline service station, and an auto junk yard. Such historical operations were deemed as having the potential for significant use and/or storage of hazardous materials and petroleum substances. Trench drains are present within the facility for which the owner is not aware of the point of discharge. The former gas station, located at the southwest corner of the intersection of W. Sample St. and S. Lafayette Blvd., was the location for removal of four to five UST systems in the 1990s's following purchase by Mr. Hamilton. An additional vent pipe was identified in the northern portion of the subject property. In addition, underground hoists associated with the gas station operations were also removed from the ground. Three (3) ASTs, all of which were labeled as "gas", were identified at the northern portion of the building, with two (2) of the ASTs within secondary containment. Numerous unlabeled drums and petroleum containers were also present on the north side of the building. Junk cars being staged at the rear of the buildings (aluminum fencing present) were not drained of fluids prior to storage. The subject property was identified by the regulatory database search as a RCRA Generator as well as cross-indexing lists such as FINDS and the Indiana Manifest List. There also exists significant potential for on-site migration of contaminants from surrounding sources

SCOPE OF SERVICES PERFORMED

The following further describes the methods used during the implementation of the Phase II Environmental Site Assessment.

Ground Penetrating Radar Survey

Prior to the initiation of any Phase II Environmental Site Assessment activities, Wightman Petrie completed a Ground Penetrating Radar Survey (GPR) of the subject site for the purpose of identifying the potential presence of features such as previously abandoned and/or removed underground storage tank systems, underground utilities and other unidentified subsurface structures. Key areas of the GPR Survey were along the southwest intersection of Lafayette Blvd and Sample St, where USTs were known to have existed as a part of former gasoline fueling station/auto repair service operations. Another area of concern identified by the Phase I Environmental Site Assessments was a former heating oil UST along the south and east side of the former towing facility (current junkyard) at 802-810 Lafayette Blvd.

Ground Penetrating Radar offers the means to detect buried objects that are not otherwise detectable. In addition to the ability to locate metal objects (i.e., underground storage tanks, drums), GPR is able to detect non-metallic objects. The system sends radar pulses into the surface, receives, and processes the reflected energy. Through advanced processing technology, the system calibrates the di-electric constant of the surrounding material. When the signal is reflected from the material having a different di-electric constant, the signal is displayed on the screen as an anomaly. Depth can also be determined by processing the sampling interval and determining the size and comparing relative data to other objects detected.

Characteristics of underlying soils effect the penetration of the radar through the ground. Sands and gravel offer the greatest depth penetration and clearest resolution. Whereas, dense saturated clays offer limited penetration of the radar signal. For purposes of this GPR Survey, the depth limitation for the GPR was approximately 8 feet below land surface.

Areas of the former UST systems were scanned in both an east/west and north/south direction, at approximately 3-ft intervals, and it did not detect the presence of any subsurface anomalies consistent with the presence of buried USTs. These findings are consistent with the accounts of the current property owners, which indicated that they had previously undertaken the removal of all known UST systems that were present on the subject site

Soil Sampling via Geoprobe Methodology

Using Geoprobe methodologies (small track mounted hydraulically driven sampling probe) soil samples were collected from a total of nineteen (19) locations. Boring locations (refer to Appendix A – Figures) were determined based upon the results of historical document review and field data gathered from the completion of the Ground Penetrating Radar.

For the property identified as 802-812 S. Lafayette Blvd, five (5) soil borings (GP-1, GP-2, GP-3, GP-4 and GP-19) were installed. Wightman Petrie installed one (1) soil boring along the southern wall of the building, in an area of a historical UST system (GP-3); one (1) soil boring along the eastern edge of the building in an area of a historical UST system (GP-19), and three (3) soil borings in the junkyard area to the south of the former towing building.

For the property identified as 910-912 S. Lafayette Blvd, five (5) soil borings (GP5 through GP-9) were installed around the perimeter of the building as locations in assessing the potential for migration of contaminants. It should be noted that roof clearances within the building were not sufficient to allow for the entry of the Geoprobe sampling apparatus.

For the property identified as 901-917 S. Lafayette Blvd, ten (10) soil borings (GP-10 through GP-18) were installed throughout the subject property. Three (3) soil borings were installed in the area of the former automotive fueling station near the southwest corner of the intersection of S. Lafayette Blvd & W. Sample St. Five (5) soil borings were installed in the current junkyard area to the west of the building. One (1) soil boring was installed inside the subject building, near the existing trench drain.

For most of the Geoprobe boring locations, discrete soil samples were collected at 5-foot intervals throughout the soil profile until saturated soil conditions were encountered (approximately 25-feet below land surface). However, for other locations where a specific Recognized Environmental Condition focused on more shallow concerns (i.e., trench drain of surficial staining, soil samples were collected to a specified depth and then terminated. Each soil sample interval was screened for the presence of volatile organics by placing a portion of the soil sample into a plastic bag, allowing time for equilibration, and insertion of a photoionization detector (PID) probe to observe a reading of "total VOCs" in parts per million (ppm). All data associated with the field screening of VOCs will be recorded for future reference

(Appendix B - Soil Boring Logs). In general there were no PID readings observed at levels that would be considered above the typical range of background (less than 5 ppm for total VOCs).

In addition, a portion of each discrete sampling interval was collected for submittal to a laboratory. Wightman Petrie initially proposed to submit one (1) soil sample from each of the nineteen (19) boring locations based on the PID field screening results and/or other indications of the presence of potential contamination (visual or olfactory). However, given that there were no significant deflections of the PID consistent with the presence of elevated concentrations of VOCs, and visual/olfactory observations did not indicate the presence of specific zones of contamination; the soil sampling interval for which soil samples were submitted for laboratory analysis varied by location, although typically ranged from the 0-5-ft depth (shallow soils), and the 10-15 ft. depth (subsurface). Each of the soil samples selected for laboratory analysis was analyzed for the presence of Volatile Organic Compounds (VOCs) via EPA Method 8260, and carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs). Wightman Petrie utilized IDEM guidance Terra-Core Methods to collect soil samples from each discrete sampling interval for the analysis of VOC constituents. All soil samples were labeled with identifying nomenclature, packed on ice and forwarded to the laboratory under chain-of-custody procedures.

Temporary Geoprobe Well Installation for Groundwater Sampling

Wightman Petrie converted eight (8) Geoprobe soil borings to temporary wells with insertion of a Geoprobe groundwater sampling device, which allowed for the extension of a stainless steel slotted screen for collection of a groundwater sample from the point at which the saturated or water-bearing zone was encountered. As previously indicated, Wightman Petrie encountered the water-bearing zone within 24- to 25-feet of land surface. Temporary wells were initially screened within the upper 4-feet, once encountering saturated conditions.

Once installed, each temporary well or depth interval within the temporary well was purged until such time as the water discharge became relatively free of solids or until at least three (3) gallons of water had been removed. Groundwater from each of the temporary wells was analyzed for Volatile Organic Compounds via EPA Method 8260, and carcinogenic PAHs via EPA Method 8270 SIM. Each groundwater sample was appropriately labeled, packed on ice, and forwarded to the laboratory (priority overnight delivery) under chain-of-custody procedures.

With the completion of groundwater sampling activity, the boreholes/wells were plugged with bentonite in order to prevent the potential for introduction of contamination via the boring annulus.

SUMMARY OF LABORATORY ANALYSIS

Soil Sampling via Geoprobe Methodology

Shallow Soils - As indicated by the Soil Boring Logs, shallow soils present at the subject site were generally classified as dark brown silty sand in the upper 2-5 ft. As previously discussed, and presented on the various Soil Boring Logs, there were no deflections consistent with the presence of Volatile Organic Compounds identified during the field screening efforts with a photoionization detector.

Analytical results for soil samples submitted for laboratory analysis are presented in Table 1, respectively.

As indiacted, Volatile Organic Compounds were not detcetd in any of the Near Surface soil samples submitted for laboratopry analysis.

Carinogenic Poloynuclear Aromatic Hyrocarbons (cPAHs) were only detcted in the near surface soil sample submitted from location GP-7, collected at the northeast corner of the Hamilton Towing Building

(910-912 S. Lafayette Blvd.). Of the PAHs reported at concentrations above the laboratory detction limit within sample GP-7 (0'-5'), none were reported at a level that was in excess of the RISC Residential Criteria.

Subsurface Soils – Subsurface soils were typically characterized as light brown to brown sand with gravel with traces of rock fragments below a depth of approximately 5-feet.

Analytical results for subsurface soil samples submitted for laboratory analysis are presented in Table 2.

TABLE 1

SUMMARY OF ANALYTICAL DATA - SOILS

HAMILTON TOWING - South Bend

Shallow Soil Samples

(expressed as mg/kg)

	GP-1 (0-5)	GP-2 (0-5)	GP-3 (0-5)	GP-5 (0-5)	GP-7 (0-5)	GP-8 (0-5)	GP-9 (0-5)	GP-14 (0-5)	GP-15 (0-5)	GP-17 (0-5)	GP-18 (0-5)	GP-19 (0-5)	RISC RESIDENTIAL CLOSURE LEVEL	RISC INDUSTRIAL CLOSURE LEVEL
Volatile Organic Compounds	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Carcinogenic PAHs														
Benzo(a)anthracene	ND	ND	ND	ND	0.0083	ND	ND	ND	ND	ND	ND	ND	5	15
Benzo(a)pyrene	ND	ND	ND	ND	0.0066	ND	ND	ND	ND	ND	ND	ND	0.5	1.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	15
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	150
Chrysene	ND	ND	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	500	1500
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	1.5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	15
Naphthalene	ND	ND	ND	ND	0.0111	ND	ND	ND	ND	ND	ND	ND	0.7	170
Percent Moisture (%)	10.3	6.6	6.9	7	18.4	5	10.7	9.5	11	10	3.1	11.1	NA	NA

ND - Not reported at levels above the laboratory detection limit

NA - Not Applicable

TABLE 2
SUMMARY OF ANALYTICAL DATA - SOILS
HAMILTON TOWING - South Bend
Subsurface Soil Samples

(results expressed as mg/kg)

	GP-4 (10-15)	GP-6 (10-15)	GP-10 (15-20)	GP-11 (10-15)	GP-12 (10-15)	GP-13 (5-10)	GP-16 (5-10)	RISC RESIDENTIAL CLOSURE LEVEL	RISC INDUSTRIAL CLOSURE LEVEL
Volatile Organic Compounds	ND	ND	ND	ND	ND	ND	ND	**NA**	**NA**
Carcinogenic PAHs									
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	0.0098	5	15
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	0.0127	0.5	1.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.0123	5	15
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	0.0134	50	150
Chrysene	ND	ND	ND	ND	ND	ND	0.0102	500	1500
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	0.0155	0.5	1.5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	0.0154	5	15
Naphthalene	ND	ND	ND	ND	ND	ND	ND	0.7	170
Percent Moisture (%)	3.5	2.8	2.7	3.1	4	3.6	4	NA	NA

ND - Not Detected at levels above laboratory detection limits

NA - Not Applicable

As presented, none of the subsurface soil samples were reported as having Volatile Organic Compounds above the reported laboratory detection limits. For the Carcinogenic Polynuclear Aromatic Hydrocarbons, only the subsurface soil sample submitted from location GP-16, at the southwest corner of the Hamilton Body Shop Building, was reported as having concentrations above the laboratory detection limits. Of the concentrations reported within the GP-16 subsurface soil sample, none were reported above the RISC Residential Default Closure Criteria.

The RISC Residential Default Closure Values are derived from the lowest of five factors that include: 1) concentration for soil saturation, 2) soil attenuation capacity, 3) calculations regarding risk-based construction worker scenario, 4) calculations regarding risk-based direct exposure, and 5) calculations regarding the potential exposure as a result of migration to groundwater. Default Closure Values are considered protective of human health. It should also be noted that IDEM uses the RISC Residential Default Closure Criteria as a basis for all closures. Use of the less restrictive Industrial Default Closure Values requires the attachment of an Environmental Restrictive Covenant to the existing property deed.

Groundwater Sampling via Geoprobe Methodology

As indicated by the laboratory data in presented in Appendix C, none of the eight (8) groundwater samples collected from the various properties were reported as having concentrations of contaminants (Volatile Organic Compounds and Carcinogenic Polynuclear Aromatic Hydrocarbons) above the respective laboratory detection limits.

CONCLUSIONS

Wightman Petrie has completed a Phase II Environmental Site Assessment of the Hamilton Properties, located at 802-812 S. Lafayette Blvd., 910-912 S. Lafayette Blvd. and 901-917 S. Lafayette Blvd., South Bend, Indiana. Our investigation involved the installation of nineteen (GP-1 through GP-19) soil borings from which near surface and subsurface soil samples were collected and analyzed for the presence of Volatile Organic Compounds (VOCs) and Carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs), as potential Contaminants of Concern.

Results of the laboratory analysis did not indicate the presence of any Contaminants of Concern, in surface or subsurface soil samples, at levels above the more conservative Risk-Integrated System of Closure (RISC) Residential Default Closure Values. The RISC Residential Default Closure Values are the more conservative of the regulatory criterion that the Indiana Department of Environmental Management uses in its assessment of the need for environmental clean-up activity (i.e., remediation).

Similarly, groundwater samples collected from eight temporary wells established from the transition of soil boring locations, also indicated either non-detectable levels, or levels below the established Residential RISC Closure Criteria for all identified Contaminants of Concern (Volatile Organic Compounds and Carcinogenic Polynuclear Aromatic Hydrocarbons).

Based on the aforementioned, No Further Assessment of the subject site would appear to be warranted at this time. Please note that the City of South Bend has retained Wightman Petrie to perform a Phase I Site Assessment Update for each of the subject sites. While not anticipated, the potential exists that additional recommendations for the sampling of soil and groundwater may arise from any newly discovered release or spill event and/or the identification of additional Recognized Environmental Conditions, beyond those identified from the 2008 Phase I Site Assessment efforts.

CLOSURE

Wightman Petrie appreciates the opportunity to be of service on this project. Should you have any questions or require additional information, please contact me at (574) 232-4388.

Sincerely,

Conley B. Phifer, CHMM
Environmental Department Manager

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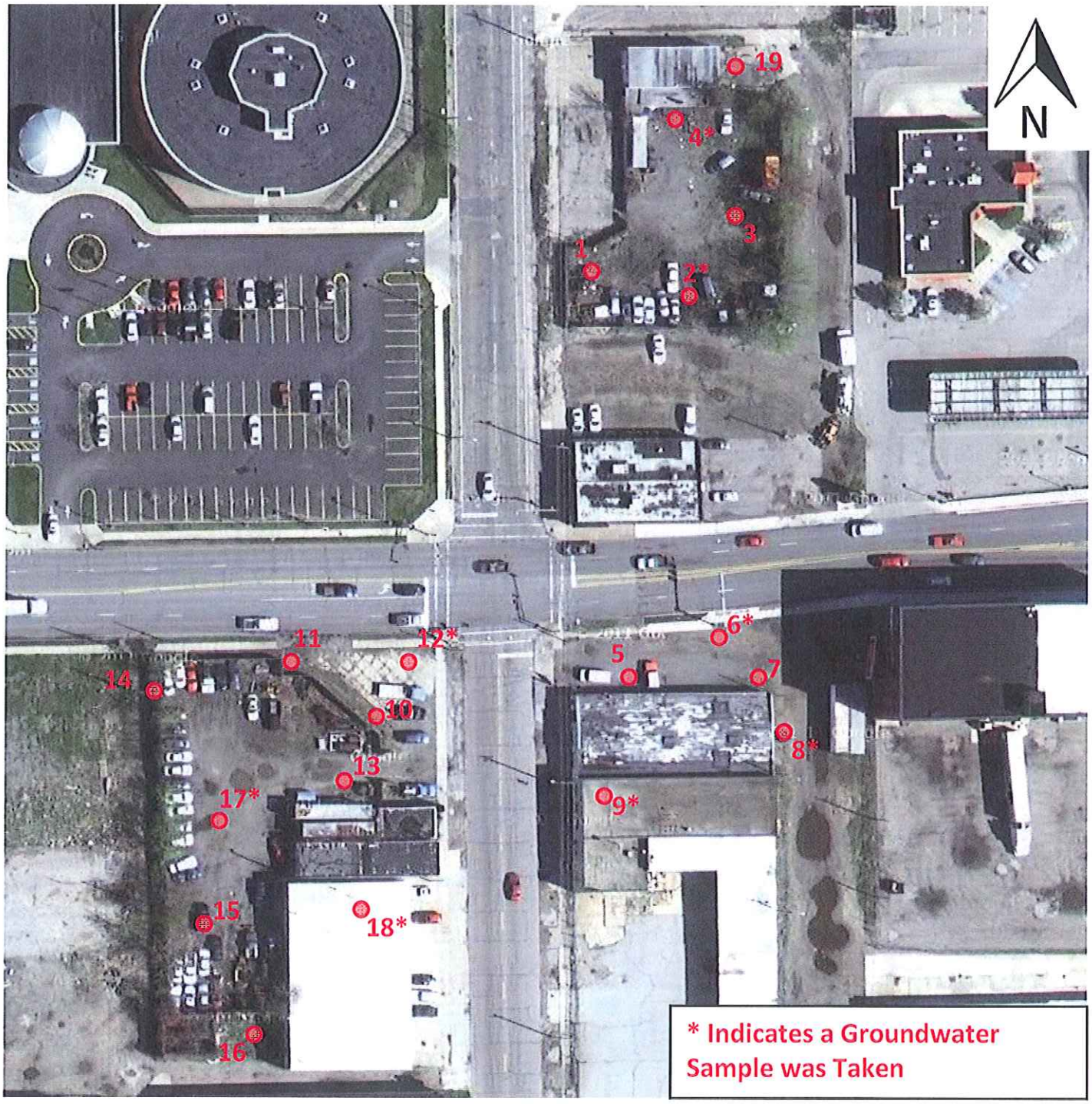
Appendix A

Figure



Date: April 16, 2012	Project: Hamilton Towing, South Bend, IN	Drawn By: AJS
Scale: Not Shown		Approved By: CBP
Source: Google Earth	Project No. 2012-5041	Figure 1 – Soil Boring Locations

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

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Appendix B

Soil Borings

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-1 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sand and Gravel Fill w/ Rock Fragments				
	Black Sand and Gravel Fill w/ Rock Fragments				
2	Dark Brown Silty Sand w/ Trace Rock Fragments		0-5	0.0	
4	Brown Sand				
6	Dark Brown Silty Sand and Gravel w/ Trace Rock Fragments				
	Light Brown Sand		5-10	0.0	
8	Brown Sand and Gravel				
10					
12					
14					
16					
18					
20					
22					
24					

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PROJECT : Hamilton Towing	**BORING NUMBER :** GP-2 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand and Gravel Fill				
	Dark Brown Silty Sand				
2	Black Silty Sand w/ Trace Rock Fragments		0-5	0.0	
	Dark Brown Silty Sandy Clay				
4	Brown Sand				
6					
			5-10	0.0	
8	Brown Silty Sand				
	Brown Coarse Sand				
10	Greyish Brown Clay				
12	Coarse Brown Sand				
	Light Brown Poorly Graded Sand		10-15	0.0	
14					
16					
			15-20	0.2	
18					
20					
22			20-25	0.0	
24					
	Brown Silty Coarse Sand				Water Table - 25' bgs
26	Brown Poorly Graded Sand				
			25-30	0.0	
28	Brown Sandy Gravel				
30					

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412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-3 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
2	Brown Sandy Topsoil Black Sand and Gravel Fill Concrete Fragments Brown Silty Sand		0-5	2.1	
4					
6	Brown Sand		5-10	0.2	
8					
10	Greyish Brown Clay				
12			10-15	0.0	
14	Brown Sand w/ Trace Gravel				
16					
18					
20					
22					
24					

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PROJECT : Hamilton Towing	**BORING NUMBER :** GP-4 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Black Sand and Gravel Fill				
	Black Sandy Silt				
2	Brown Sandy Silty Clay w/ Trace Rock Fragments		0-5	0.0	
4	Brown Sand				
6					
8			5-10	4.0	
10					
12			10-15	4.5	
14					
16	Brown Sand w/ Trace Rock Fragments				
18			15-20	4.7	
20	Brown Sand				
22			20-25	4.0	
24					Water Table - 25' bgs

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-5 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand & Gravel Fill w/ Trace Rock Fragments				
	Dark Brown Fine Sand w/ Silt Lenses		0-5	0.8	
2					
4					
	Dark Brown Sand				
6			5-10	1.3	
8					
10					
12			10-15	1.3	
14					
16					
18					
20					
22					
24					

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412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-6 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Dark Grey Silty Sand and Gravel Fill w/ Trace Rock Fragments				
2	Dark Brown Sandy Silty Clay		0-5	1.2	
4	Brown Sand				
6					
8			5-10	1.5	
10	Brown Poorly Graded Sand w/ Trace Gravel				
12			10-15	0.7	
14					
16	Light Brown Sand and Gravel w/ Rock Fragments				
18			15-20	0.0	
20					
22			20-25	1.0	
24	Brown Coarse Sand				Water Table - 25' bgs

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412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-7 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
	Black Silty Sand and Gravel Fill				
2	Black Silty Clayey Sand		0-5	0.0	
	Dark Brown Sandy Silty Clay				
4					
	Brown Sand w/ Trace Rock Fragments				
6					
			5-10	0.0	
8					
10					
12					
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-8 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sand and Gravelly Topsoil				
	Black Sand and Gravel Fill				
2	Black Silty Sand				
	Dark Brown Sandy Silty Clay		0-5	0.0	
	Brown Sand w/ Trace Rock Fragments				
4					
6					
			5-10	0.0	
8					
10					
12					
			10-15	0.0	
14					
16					
	Brown Clay				
	Brown Poorly Graded Sand and Gravel w/ Trace Rock Fragments		15-20	0.0	
18					
20					
22			20-25	0.0	
24					Water Table - 25' bgs

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-9 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Brown Sandy Topsoil				
	Dark Brown Sandy Silty Clay				
2			0-5	0.7	
	Brown Sandy Silt				
4	Brown Sand				
6					
			5-10	2.6	
8					
	Brown Clay				
10	Brown Sand w/ Clay Chunks and Trace Rock Fragments				
	Brown Sand				
12			10-15	1.3	
14	Light Brown Sand				
16					
	Light Brown Sand and Gravel w/ Rock Fragments				
18			15-20	0.9	
20					
22			20-25	0.9	
24					Water Table - 25' bgs

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-10 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Concrete				
	Dark Brown Sandy Silty Clay				
2	Brown Sand		0-5	0.0	
4					
6					
8			5-10	0.0	
10					
12	Brown Clay				
	Light Brown Poorly Graded Sand		10-15	0.0	
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-11 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
2	Dark Brown Silty Sand w/ Rock Fragments				
	Dark Brown Sandy Silt		0-5	0.0	
4	Brown Sand				
6	Light Brown Sand w/ Trace Rock Fragments		5-10	0.0	
8					
10	Brown Clay				
	Light Brown Sand w/ Trace Rock Fragments		10-15	0.0	
12					
14					
16	Brown Sand		15-20	0.0	
18					
20	Brown Coarse Sand w/ Trace Rock Fragments		20-25	0.0	
22					
24					
	Brown Sandy Gravel				Water Table - 25' bgs

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-12 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Concrete				
	Dark Brown Silty Sand				
2			0-5	0.1	
4					
	Brown Sand w/ Trace Rock Fragments				
6					
8			5-10	1.0	
10					
12					
			10-15	0.0	
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-13 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
	Black Sand and Gravel Fill w/ Trace Silt				
2	Dark Brown Silty Sand		0-5	0.2	
4					
	Brown Sand and Concrete Fragments				
6	Brown Sand w/ Trace Rock Fragments				
8			5-10	0.5	
10					
12					
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-14 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
	Dark Brown Sandy Silty Clay				
2			0-5	1.2	
	Brown Sand				
4					
	Light Brown Sand w/ Trace Rock Fragments				
6					
8			5-10	0.0	
	Concrete Fragments				
10	Light Brown Sand w/ Trace Rock Fragments				
12					
			10-15	0.0	
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-15 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Black Sand and Gravel Fill				
	Dark Brown Sandy Silty Clay				
2			0-5	1.2	
	Brown Sand				
4					
6					
			5-10	0.0	
8					
10					
	Light Brown Sand w/ Trace Rock Fragments				
12					
			10-15	0.9	
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-16 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy topsoil				
	Red Brick Fragments				
2	Dark Brown Sandy Silty Clay				
	Brown Silty Sand		0-5	0.7	
4					
	Brown Sand w/ Trace Gravel				
6					
			5-10	1.6	
8					
	Concrete Fragments				
10	Light Brown Sand w/ Trace Rock Fragments				
			10-15	0.6	
12					
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-17 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Brown Sandy Topsoil				
	Black Sand and Gravel Fill				
2	Dark Brown Sandy Silty Clay		0-5	0.3	
4	Brown Silty Sand				
6	Brown Sand w/ Trace Rock Fragments		5-10	0.0	
8					
10					
12			10-15	0.7	
14					
16					
18			15-20	1.4	
20	Light Brown Sand and Gravel w/ Trace Rock Fragments				
22			20-25	0.6	
24					Water Table - 25' bgs

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-18 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** 25ft bgs
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Concrete				
	Brown Sand				
2			0-5	1.9	
4					
6	Greyish Brown Silty Sand w/ Trace Rock Fragments				
	Brown Poorly Graded Sand				
8			5-10	1.7	
	Brown Sand and Gravel				
10	Light Brown Sand and Gravel w/ Trace Rock Fragments				
12			10-15	1.4	
14					
16					
18			15-20	1.8	
20					
22			20-25	3.1	
24					Water Table - 25' bgs

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

PROJECT : Hamilton Towing	**BORING NUMBER :** GP-19 **SHEET** 1 of 1
PROJECT NUMBER : 2012-5041	**LOCATION :** South Bend, IN
BORING METHOD : Geoprobe	**GROUNDWATER DEPTH (ft bgs) :** n/a
CONTRACTOR : D&T Drilling	**SAMPLER TYPE:** Geoprobe Sampling Sleeve
START : 4/11/12	**HAMMER WGT:** n/a
FINISH : 4/12/12	**DROP:** n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
	Concrete				
2	Dark Brown Sandy Silty Clay				
	Brown Sand		0-5	0.3	
4					
6					
			5-10	0.2	
8					
10	Light Brown Sand w/ Trace Rock Fragments				
12					
			10-15	4.3	
14					
16					
18					
20					
22					
24					

WIGHTMAN PETRIE
SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

412 S. Lafayette Blvd. South Bend, IN 46601

Appendix C

Laboratory Analytical Data

Pace Analytical Services, Inc.
1233 Dublin Road
Columbus, OH 43215
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061376

Dear Mr. Phifer:
Enclosed are the analytical results for sample(s) received by the laboratory on April 12, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1233 Dublin Road
Columbus, OH 43215
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CERTIFICATIONS

Project: Hamilton Towing
Pace Project No.: 5061376

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Louisiana/NELAC Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-04991
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Hamilton Towing
Pace Project No.: 5061376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061376001	**GP-1 0-5**	Solid	04/11/12 08:31	04/12/12 10:44
5061376002	**GP-2 0-5**	Solid	04/11/12 09:00	04/12/12 10:44
5061376003	**GP-3 0-5**	Solid	04/11/12 10:18	04/12/12 10:44
5061376004	**GP-4 10-15**	Solid	04/11/12 10:52	04/12/12 10:44
5061376005	**GP-5 0-5**	Solid	04/11/12 12:30	04/12/12 10:44
5061376006	**GP-6 10-15**	Solid	04/11/12 13:03	04/12/12 10:44
5061376007	**GP-7 0-5**	Solid	04/11/12 13:47	04/12/12 10:44
5061376008	**GP-8 0-5**	Solid	04/11/12 14:03	04/12/12 10:44
5061376009	**GP-10 10-15**	Solid	04/11/12 15:14	04/12/12 10:44
5061376010	**GP-1 5-10**	Solid	04/11/12 08:42	04/12/12 10:44
5061376011	**GP-2 5-10**	Solid	04/11/12 09:06	04/12/12 10:44
5061376012	**GP-2 10-15**	Solid	04/11/12 09:10	04/12/12 10:44
5061376013	**GP-2 15-20**	Solid	04/11/12 09:16	04/12/12 10:44
5061376014	**GP-2 20-25**	Solid	04/11/12 09:21	04/12/12 10:44
5061376015	**GP-2 25-30**	Solid	04/11/12 09:35	04/12/12 10:44
5061376016	**GP-3 5-10**	Solid	04/11/12 10:22	04/12/12 10:44
5061376017	**GP-3 10-15**	Solid	04/11/12 10:27	04/12/12 10:44
5061376018	**GP-4 0-5**	Solid	04/11/12 10:43	04/12/12 10:44
5061376019	**GP-4 5-10**	Solid	04/11/12 10:48	04/12/12 10:44
5061376020	**GP-4 15-20**	Solid	04/11/12 10:56	04/12/12 10:44
5061376021	**GP-4 20-25**	Solid	04/11/12 11:06	04/12/12 10:44
5061376022	**GP-5 5-10**	Solid	04/11/12 12:33	04/12/12 10:44
5061376023	**GP-5 10-15**	Solid	04/11/12 12:39	04/12/12 10:44
5061376024	**GP-6 0-5**	Solid	04/11/12 12:48	04/12/12 10:44
5061376025	**GP-6 5-10**	Solid	04/11/12 13:00	04/12/12 10:44
5061376026	**GP-6 15-20**	Solid	04/11/12 13:07	04/12/12 10:44
5061376027	**GP-6 20-25**	Solid	04/11/12 13:12	04/12/12 10:44
5061376028	**GP-7 5-10**	Solid	04/11/12 13:52	04/12/12 10:44
5061376029	**GP-8 5-10**	Solid	04/11/12 14:08	04/12/12 10:44
5061376030	**GP-8 10-15**	Solid	04/11/12 14:12	04/12/12 10:44
5061376031	**GP-8 15-20**	Solid	04/11/12 14:20	04/12/12 10:44
5061376032	**GP-8 20-25**	Solid	04/11/12 14:28	04/12/12 10:44
5061376033	**GP-10 0-5**	Solid	04/11/12 15:09	04/12/12 10:44
5061376034	**GP-10 5-10**	Solid	04/11/12 15:11	04/12/12 10:44

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SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061376

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061376001	**GP-1 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376002	**GP-2 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376003	**GP-3 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376004	**GP-4 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376005	**GP-5 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376006	**GP-6 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376007	**GP-7 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376008	**GP-8 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376009	**GP-10 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-1 0-5 **Lab ID: 5061376001** Collected: 04/11/12 08:31 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	55	%.	46-109	1	04/13/12 11:10	04/14/12 02:25	321-60-8	
p-Terphenyl-d14 (S)	63	%.	43-107	1	04/13/12 11:10	04/14/12 02:25	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	120	1		04/17/12 01:12	67-64-1	
Acrolein	ND	ug/kg	120	1		04/17/12 01:12	107-02-8	
Acrylonitrile	ND	ug/kg	120	1		04/17/12 01:12	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/17/12 01:12	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/17/12 01:12	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.0	1		04/17/12 01:12	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	98-06-6	
Carbon disulfide	ND	ug/kg	12.0	1		04/17/12 01:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/17/12 01:12	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-00-3	
Chloroform	ND	ug/kg	6.0	1		04/17/12 01:12	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:12	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/17/12 01:12	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	120	1		04/17/12 01:12	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-1 0-5 **Lab ID: 5061376001** Collected: 04/11/12 08:31 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	100-41-4	
Ethyl methacrylate	ND	ug/kg	120	1		04/17/12 01:12	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/17/12 01:12	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/17/12 01:12	110-54-3	
2-Hexanone	ND	ug/kg	120	1		04/17/12 01:12	591-78-6	
Iodomethane	ND	ug/kg	120	1		04/17/12 01:12	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/17/12 01:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/17/12 01:12	99-87-6	
Methylene Chloride	ND	ug/kg	24.0	1		04/17/12 01:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.0	1		04/17/12 01:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/17/12 01:12	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		04/17/12 01:12	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/17/12 01:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/17/12 01:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-67-8	
Vinyl acetate	ND	ug/kg	120	1		04/17/12 01:12	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/17/12 01:12	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	1		04/17/12 01:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	71-125	1		04/17/12 01:12	1868-53-7	
Toluene-d8 (S)	97	%.	76-124	1		04/17/12 01:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	67-134	1		04/17/12 01:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.3**	%	0.10	1		04/12/12 17:39		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-2 0-5 **Lab ID: 5061376002** Collected: 04/11/12 09:00 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	56	%.	46-109	1	04/13/12 11:10	04/14/12 02:43	321-60-8	
p-Terphenyl-d14 (S)	60	%.	43-107	1	04/13/12 11:10	04/14/12 02:43	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	121	1		04/17/12 01:49	67-64-1	
Acrolein	ND	ug/kg	121	1		04/17/12 01:49	107-02-8	
Acrylonitrile	ND	ug/kg	121	1		04/17/12 01:49	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/17/12 01:49	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/17/12 01:49	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.2	1		04/17/12 01:49	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	98-06-6	
Carbon disulfide	ND	ug/kg	12.1	1		04/17/12 01:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/17/12 01:49	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-00-3	
Chloroform	ND	ug/kg	6.0	1		04/17/12 01:49	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:49	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/17/12 01:49	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	121	1		04/17/12 01:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-2 0-5 **Lab ID: 5061376002** Collected: 04/11/12 09:00 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	121	1		04/17/12 01:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/17/12 01:49	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/17/12 01:49	110-54-3	
2-Hexanone	ND	ug/kg	121	1		04/17/12 01:49	591-78-6	
Iodomethane	ND	ug/kg	121	1		04/17/12 01:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/17/12 01:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/17/12 01:49	99-87-6	
Methylene Chloride	ND	ug/kg	24.2	1		04/17/12 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.2	1		04/17/12 01:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/17/12 01:49	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		04/17/12 01:49	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/17/12 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/17/12 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-67-8	
Vinyl acetate	ND	ug/kg	121	1		04/17/12 01:49	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/17/12 01:49	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	1		04/17/12 01:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	71-125	1		04/17/12 01:49	1868-53-7	
Toluene-d8 (S)	98	%.	76-124	1		04/17/12 01:49	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	67-134	1		04/17/12 01:49	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.6**	%	0.10	1		04/12/12 17:39		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-3 0-5 **Lab ID: 5061376003** Collected: 04/11/12 10:18 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	46-109	1	04/16/12 20:38	04/17/12 18:10	321-60-8	
p-Terphenyl-d14 (S)	79	%.	43-107	1	04/16/12 20:38	04/17/12 18:10	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	101	1		04/17/12 02:26	67-64-1	
Acrolein	ND	ug/kg	101	1		04/17/12 02:26	107-02-8	
Acrylonitrile	ND	ug/kg	101	1		04/17/12 02:26	107-13-1	
Benzene	ND	ug/kg	5.0	1		04/17/12 02:26	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-27-4	
Bromoform	ND	ug/kg	5.0	1		04/17/12 02:26	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.1	1		04/17/12 02:26	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	98-06-6	
Carbon disulfide	ND	ug/kg	10.1	1		04/17/12 02:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		04/17/12 02:26	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-00-3	
Chloroform	ND	ug/kg	5.0	1		04/17/12 02:26	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		04/17/12 02:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		04/17/12 02:26	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		04/17/12 02:26	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	101	1		04/17/12 02:26	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-3 0-5 **Lab ID: 5061376003** Collected: 04/11/12 10:18 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	100-41-4	
Ethyl methacrylate	ND	ug/kg	101	1		04/17/12 02:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		04/17/12 02:26	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		04/17/12 02:26	110-54-3	
2-Hexanone	ND	ug/kg	101	1		04/17/12 02:26	591-78-6	
Iodomethane	ND	ug/kg	101	1		04/17/12 02:26	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		04/17/12 02:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		04/17/12 02:26	99-87-6	
Methylene Chloride	ND	ug/kg	20.1	1		04/17/12 02:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.1	1		04/17/12 02:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		04/17/12 02:26	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		04/17/12 02:26	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	103-65-1	
Styrene	ND	ug/kg	5.0	1		04/17/12 02:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	127-18-4	
Toluene	ND	ug/kg	5.0	1		04/17/12 02:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-67-8	
Vinyl acetate	ND	ug/kg	101	1		04/17/12 02:26	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		04/17/12 02:26	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	1		04/17/12 02:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	71-125	1		04/17/12 02:26	1868-53-7	
Toluene-d8 (S)	98	%.	76-124	1		04/17/12 02:26	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	67-134	1		04/17/12 02:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.9**	%	0.10	1		04/12/12 17:39		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-4 10-15 **Lab ID: 5061376004** Collected: 04/11/12 10:52 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	46-109	1	04/16/12 20:38	04/17/12 19:04	321-60-8	
p-Terphenyl-d14 (S)	84	%.	43-107	1	04/16/12 20:38	04/17/12 19:04	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	97.6	1		04/17/12 03:03	67-64-1	
Acrolein	ND	ug/kg	97.6	1		04/17/12 03:03	107-02-8	
Acrylonitrile	ND	ug/kg	97.6	1		04/17/12 03:03	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/17/12 03:03	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/17/12 03:03	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.4	1		04/17/12 03:03	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/17/12 03:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/17/12 03:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/17/12 03:03	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/17/12 03:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/17/12 03:03	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/17/12 03:03	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	97.6	1		04/17/12 03:03	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-4 10-15 **Lab ID: 5061376004** Collected: 04/11/12 10:52 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	100-41-4	
Ethyl methacrylate	ND	ug/kg	97.6	1		04/17/12 03:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/17/12 03:03	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/17/12 03:03	110-54-3	
2-Hexanone	ND	ug/kg	97.6	1		04/17/12 03:03	591-78-6	
Iodomethane	ND	ug/kg	97.6	1		04/17/12 03:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/17/12 03:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/17/12 03:03	99-87-6	
Methylene Chloride	ND	ug/kg	19.5	1		04/17/12 03:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.4	1		04/17/12 03:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/17/12 03:03	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/17/12 03:03	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/17/12 03:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/17/12 03:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-67-8	
Vinyl acetate	ND	ug/kg	97.6	1		04/17/12 03:03	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/17/12 03:03	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/17/12 03:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	71-125	1		04/17/12 03:03	1868-53-7	
Toluene-d8 (S)	95	%.	76-124	1		04/17/12 03:03	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	67-134	1		04/17/12 03:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.5**	%	0.10	1		04/12/12 17:39		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-5 0-5 **Lab ID: 5061376005** Collected: 04/11/12 12:30 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	46-109	1	04/16/12 20:38	04/17/12 19:22	321-60-8	
p-Terphenyl-d14 (S)	70	%.	43-107	1	04/16/12 20:38	04/17/12 19:22	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	127	1		04/17/12 03:40	67-64-1	
Acrolein	ND	ug/kg	127	1		04/17/12 03:40	107-02-8	
Acrylonitrile	ND	ug/kg	127	1		04/17/12 03:40	107-13-1	
Benzene	ND	ug/kg	6.3	1		04/17/12 03:40	71-43-2	
Bromobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-27-4	
Bromoform	ND	ug/kg	6.3	1		04/17/12 03:40	75-25-2	
Bromomethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	31.6	1		04/17/12 03:40	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	98-06-6	
Carbon disulfide	ND	ug/kg	12.7	1		04/17/12 03:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.3	1		04/17/12 03:40	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-90-7	
Chloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-00-3	
Chloroform	ND	ug/kg	6.3	1		04/17/12 03:40	67-66-3	
Chloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	1		04/17/12 03:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1		04/17/12 03:40	106-43-4	
Dibromochloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	1		04/17/12 03:40	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	127	1		04/17/12 03:40	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-5 0-5 **Lab ID: 5061376005** Collected: 04/11/12 12:30 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	10061-02-6	
Ethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	100-41-4	
Ethyl methacrylate	ND	ug/kg	127	1		04/17/12 03:40	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.3	1		04/17/12 03:40	87-68-3	
n-Hexane	ND	ug/kg	6.3	1		04/17/12 03:40	110-54-3	
2-Hexanone	ND	ug/kg	127	1		04/17/12 03:40	591-78-6	
Iodomethane	ND	ug/kg	127	1		04/17/12 03:40	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		04/17/12 03:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	1		04/17/12 03:40	99-87-6	
Methylene Chloride	ND	ug/kg	25.3	1		04/17/12 03:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	31.6	1		04/17/12 03:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		04/17/12 03:40	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		04/17/12 03:40	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	103-65-1	
Styrene	ND	ug/kg	6.3	1		04/17/12 03:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	127-18-4	
Toluene	ND	ug/kg	6.3	1		04/17/12 03:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-67-8	
Vinyl acetate	ND	ug/kg	127	1		04/17/12 03:40	108-05-4	
Vinyl chloride	ND	ug/kg	6.3	1		04/17/12 03:40	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1		04/17/12 03:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	71-125	1		04/17/12 03:40	1868-53-7	
Toluene-d8 (S)	93	%.	76-124	1		04/17/12 03:40	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	67-134	1		04/17/12 03:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.0**	%	0.10	1		04/12/12 17:39		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-6 10-15 **Lab ID: 5061376006** Collected: 04/11/12 13:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	46-109	1	04/16/12 20:38	04/17/12 19:40	321-60-8	
p-Terphenyl-d14 (S)	77	%.	43-107	1	04/16/12 20:38	04/17/12 19:40	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	103	1		04/17/12 04:17	67-64-1	
Acrolein	ND	ug/kg	103	1		04/17/12 04:17	107-02-8	
Acrylonitrile	ND	ug/kg	103	1		04/17/12 04:17	107-13-1	
Benzene	ND	ug/kg	5.2	1		04/17/12 04:17	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-27-4	
Bromoform	ND	ug/kg	5.2	1		04/17/12 04:17	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.8	1		04/17/12 04:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	98-06-6	
Carbon disulfide	ND	ug/kg	10.3	1		04/17/12 04:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		04/17/12 04:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-00-3	
Chloroform	ND	ug/kg	5.2	1		04/17/12 04:17	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		04/17/12 04:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		04/17/12 04:17	106-43-4	
Dibromochloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		04/17/12 04:17	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	103	1		04/17/12 04:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-6 10-15 **Lab ID: 5061376006** Collected: 04/11/12 13:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	103	1		04/17/12 04:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		04/17/12 04:17	87-68-3	
n-Hexane	ND	ug/kg	5.2	1		04/17/12 04:17	110-54-3	
2-Hexanone	ND	ug/kg	103	1		04/17/12 04:17	591-78-6	
Iodomethane	ND	ug/kg	103	1		04/17/12 04:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		04/17/12 04:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		04/17/12 04:17	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	1		04/17/12 04:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.8	1		04/17/12 04:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		04/17/12 04:17	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		04/17/12 04:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	103-65-1	
Styrene	ND	ug/kg	5.2	1		04/17/12 04:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	127-18-4	
Toluene	ND	ug/kg	5.2	1		04/17/12 04:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-67-8	
Vinyl acetate	ND	ug/kg	103	1		04/17/12 04:17	108-05-4	
Vinyl chloride	ND	ug/kg	5.2	1		04/17/12 04:17	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	1		04/17/12 04:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	71-125	1		04/17/12 04:17	1868-53-7	
Toluene-d8 (S)	96	%.	76-124	1		04/17/12 04:17	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	67-134	1		04/17/12 04:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.8**	%	0.10	1		04/12/12 17:40		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-7 0-5 **Lab ID: 5061376007** Collected: 04/11/12 13:47 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	**8.3**	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	56-55-3	
Benzo(a)pyrene	**6.6**	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	205-99-2	
Benzo(k)fluoranthene	**7.1**	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	207-08-9	
Chrysene	**10.4**	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	193-39-5	
Naphthalene	**11.1**	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	46-109	1	04/16/12 20:38	04/17/12 19:58	321-60-8	
p-Terphenyl-d14 (S)	69	%.	43-107	1	04/16/12 20:38	04/17/12 19:58	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	111	1		04/17/12 10:19	67-64-1	
Acrolein	ND	ug/kg	111	1		04/17/12 10:19	107-02-8	
Acrylonitrile	ND	ug/kg	111	1		04/17/12 10:19	107-13-1	
Benzene	ND	ug/kg	5.5	1		04/17/12 10:19	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-27-4	
Bromoform	ND	ug/kg	5.5	1		04/17/12 10:19	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.7	1		04/17/12 10:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	98-06-6	
Carbon disulfide	ND	ug/kg	11.1	1		04/17/12 10:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		04/17/12 10:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-00-3	
Chloroform	ND	ug/kg	5.5	1		04/17/12 10:19	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		04/17/12 10:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		04/17/12 10:19	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		04/17/12 10:19	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	111	1		04/17/12 10:19	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-7 0-5 **Lab ID: 5061376007** Collected: 04/11/12 13:47 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	100-41-4	
Ethyl methacrylate	ND	ug/kg	111	1		04/17/12 10:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		04/17/12 10:19	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		04/17/12 10:19	110-54-3	
2-Hexanone	ND	ug/kg	111	1		04/17/12 10:19	591-78-6	
Iodomethane	ND	ug/kg	111	1		04/17/12 10:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		04/17/12 10:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		04/17/12 10:19	99-87-6	
Methylene Chloride	ND	ug/kg	22.2	1		04/17/12 10:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.7	1		04/17/12 10:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		04/17/12 10:19	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1		04/17/12 10:19	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	103-65-1	
Styrene	ND	ug/kg	5.5	1		04/17/12 10:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	127-18-4	
Toluene	ND	ug/kg	5.5	1		04/17/12 10:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-67-8	
Vinyl acetate	ND	ug/kg	111	1		04/17/12 10:19	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		04/17/12 10:19	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		04/17/12 10:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	71-125	1		04/17/12 10:19	1868-53-7	
Toluene-d8 (S)	95	%.	76-124	1		04/17/12 10:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	67-134	1		04/17/12 10:19	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**18.4**	%	0.10	1		04/12/12 17:40		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-8 0-5 **Lab ID: 5061376008** Collected: 04/11/12 14:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	207-08-9	
Chrysene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	193-39-5	
Naphthalene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	46-109	1	04/16/12 20:38	04/17/12 20:16	321-60-8	
p-Terphenyl-d14 (S)	74	%.	43-107	1	04/16/12 20:38	04/17/12 20:16	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	92.0	1		04/17/12 10:56	67-64-1	
Acrolein	ND	ug/kg	92.0	1		04/17/12 10:56	107-02-8	
Acrylonitrile	ND	ug/kg	92.0	1		04/17/12 10:56	107-13-1	
Benzene	ND	ug/kg	4.6	1		04/17/12 10:56	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-27-4	
Bromoform	ND	ug/kg	4.6	1		04/17/12 10:56	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.0	1		04/17/12 10:56	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		04/17/12 10:56	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		04/17/12 10:56	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-00-3	
Chloroform	ND	ug/kg	4.6	1		04/17/12 10:56	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 10:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 10:56	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		04/17/12 10:56	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	92.0	1		04/17/12 10:56	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-8 0-5 **Lab ID: 5061376008** Collected: 04/11/12 14:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	100-41-4	
Ethyl methacrylate	ND	ug/kg	92.0	1		04/17/12 10:56	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		04/17/12 10:56	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		04/17/12 10:56	110-54-3	
2-Hexanone	ND	ug/kg	92.0	1		04/17/12 10:56	591-78-6	
Iodomethane	ND	ug/kg	92.0	1		04/17/12 10:56	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		04/17/12 10:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		04/17/12 10:56	99-87-6	
Methylene Chloride	ND	ug/kg	18.4	1		04/17/12 10:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.0	1		04/17/12 10:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		04/17/12 10:56	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		04/17/12 10:56	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	103-65-1	
Styrene	ND	ug/kg	4.6	1		04/17/12 10:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	127-18-4	
Toluene	ND	ug/kg	4.6	1		04/17/12 10:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-67-8	
Vinyl acetate	ND	ug/kg	92.0	1		04/17/12 10:56	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		04/17/12 10:56	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		04/17/12 10:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	71-125	1		04/17/12 10:56	1868-53-7	
Toluene-d8 (S)	97	%.	76-124	1		04/17/12 10:56	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	67-134	1		04/17/12 10:56	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.0**	%	0.10	1		04/12/12 17:40		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-10 10-15 **Lab ID: 5061376009** Collected: 04/11/12 15:14 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	46-109	1	04/16/12 20:38	04/17/12 20:34	321-60-8	
p-Terphenyl-d14 (S)	76	%.	43-107	1	04/16/12 20:38	04/17/12 20:34	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	109	1		04/17/12 11:33	67-64-1	
Acrolein	ND	ug/kg	109	1		04/17/12 11:33	107-02-8	
Acrylonitrile	ND	ug/kg	109	1		04/17/12 11:33	107-13-1	
Benzene	ND	ug/kg	5.4	1		04/17/12 11:33	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-27-4	
Bromoform	ND	ug/kg	5.4	1		04/17/12 11:33	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.2	1		04/17/12 11:33	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	98-06-6	
Carbon disulfide	ND	ug/kg	10.9	1		04/17/12 11:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		04/17/12 11:33	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-00-3	
Chloroform	ND	ug/kg	5.4	1		04/17/12 11:33	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.4	1		04/17/12 11:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	1		04/17/12 11:33	106-43-4	
Dibromochloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1		04/17/12 11:33	106-93-4	
Dibromomethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	109	1		04/17/12 11:33	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-10 10-15 **Lab ID: 5061376009** Collected: 04/11/12 15:14 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	100-41-4	
Ethyl methacrylate	ND	ug/kg	109	1		04/17/12 11:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	1		04/17/12 11:33	87-68-3	
n-Hexane	ND	ug/kg	5.4	1		04/17/12 11:33	110-54-3	
2-Hexanone	ND	ug/kg	109	1		04/17/12 11:33	591-78-6	
Iodomethane	ND	ug/kg	109	1		04/17/12 11:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		04/17/12 11:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		04/17/12 11:33	99-87-6	
Methylene Chloride	ND	ug/kg	21.8	1		04/17/12 11:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.2	1		04/17/12 11:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		04/17/12 11:33	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		04/17/12 11:33	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	103-65-1	
Styrene	ND	ug/kg	5.4	1		04/17/12 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	127-18-4	
Toluene	ND	ug/kg	5.4	1		04/17/12 11:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-67-8	
Vinyl acetate	ND	ug/kg	109	1		04/17/12 11:33	108-05-4	
Vinyl chloride	ND	ug/kg	5.4	1		04/17/12 11:33	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	1		04/17/12 11:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	71-125	1		04/17/12 11:33	1868-53-7	
Toluene-d8 (S)	97	%.	76-124	1		04/17/12 11:33	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	67-134	1		04/17/12 11:33	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.7**	%	0.10	1		04/12/12 17:40		

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: MSV/41342 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

METHOD BLANK: 721170 Matrix: Solid
Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,3-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
2,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
2-Butanone (MEK)	ug/kg	ND	25.0	04/16/12 18:28	
2-Chlorotoluene	ug/kg	ND	5.0	04/16/12 18:28	
2-Hexanone	ug/kg	ND	100	04/16/12 18:28	
4-Chlorotoluene	ug/kg	ND	5.0	04/16/12 18:28	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/16/12 18:28	
Acetone	ug/kg	ND	100	04/16/12 18:28	
Acrolein	ug/kg	ND	100	04/16/12 18:28	
Acrylonitrile	ug/kg	ND	100	04/16/12 18:28	
Benzene	ug/kg	ND	5.0	04/16/12 18:28	
Bromobenzene	ug/kg	ND	5.0	04/16/12 18:28	
Bromochloromethane	ug/kg	ND	5.0	04/16/12 18:28	
Bromodichloromethane	ug/kg	ND	5.0	04/16/12 18:28	
Bromoform	ug/kg	ND	5.0	04/16/12 18:28	
Bromomethane	ug/kg	ND	5.0	04/16/12 18:28	
Carbon disulfide	ug/kg	ND	10.0	04/16/12 18:28	
Carbon tetrachloride	ug/kg	ND	5.0	04/16/12 18:28	
Chlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
Chloroethane	ug/kg	ND	5.0	04/16/12 18:28	
Chloroform	ug/kg	ND	5.0	04/16/12 18:28	
Chloromethane	ug/kg	ND	5.0	04/16/12 18:28	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
Dibromochloromethane	ug/kg	ND	5.0	04/16/12 18:28	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

METHOD BLANK: 721170 Matrix: Solid

Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/16/12 18:28	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/16/12 18:28	
Ethyl methacrylate	ug/kg	ND	100	04/16/12 18:28	
Ethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/16/12 18:28	
Iodomethane	ug/kg	ND	100	04/16/12 18:28	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/16/12 18:28	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/16/12 18:28	
Methylene Chloride	ug/kg	ND	20.0	04/16/12 18:28	
n-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
n-Hexane	ug/kg	ND	5.0	04/16/12 18:28	
n-Propylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Naphthalene	ug/kg	ND	5.0	04/16/12 18:28	
p-Isopropyltoluene	ug/kg	ND	5.0	04/16/12 18:28	
sec-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Styrene	ug/kg	ND	5.0	04/16/12 18:28	
tert-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Tetrachloroethene	ug/kg	ND	5.0	04/16/12 18:28	
Toluene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/16/12 18:28	
Trichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
Trichlorofluoromethane	ug/kg	ND	5.0	04/16/12 18:28	
Vinyl acetate	ug/kg	ND	100	04/16/12 18:28	
Vinyl chloride	ug/kg	ND	5.0	04/16/12 18:28	
Xylene (Total)	ug/kg	ND	10.0	04/16/12 18:28	
4-Bromofluorobenzene (S)	%.	99	67-134	04/16/12 18:28	
Dibromofluoromethane (S)	%.	101	71-125	04/16/12 18:28	
Toluene-d8 (S)	%.	99	76-124	04/16/12 18:28	

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.1	100	68-125	
1,1,1-Trichloroethane	ug/kg	50	49.5	99	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.9	90	73-123	
1,1,2-Trichloroethane	ug/kg	50	48.3	97	70-124	
1,1-Dichloroethane	ug/kg	50	45.7	91	63-122	
1,1-Dichloroethene	ug/kg	50	46.9	94	71-129	
1,1-Dichloropropene	ug/kg	50	49.7	99	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	47.4	95	68-123	
1,2,3-Trichloropropane	ug/kg	50	81.3	163	47-117	L3
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	47.8	96	69-120	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	45.3	91	67-121	
1,2-Dichlorobenzene	ug/kg	50	44.6	89	71-121	
1,2-Dichloroethane	ug/kg	50	47.8	96	74-120	
1,2-Dichloropropane	ug/kg	50	47.7	95	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	46.2	92	64-119	
1,3-Dichlorobenzene	ug/kg	50	45.4	91	70-122	
1,3-Dichloropropane	ug/kg	50	44.5	89	68-118	
1,4-Dichlorobenzene	ug/kg	50	44.5	89	71-118	
2,2-Dichloropropane	ug/kg	50	48.7	97	62-119	
2-Butanone (MEK)	ug/kg	250	226	90	38-154	
2-Chlorotoluene	ug/kg	50	44.9	90	71-120	
2-Hexanone	ug/kg	250	222	89	50-134	
4-Chlorotoluene	ug/kg	50	47.8	96	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	212	85	66-122	
Acetone	ug/kg	250	249	99	10-200	
Acrolein	ug/kg	1000	1020	102	11-200	
Acrylonitrile	ug/kg	1000	834	83	66-120	
Benzene	ug/kg	50	49.0	98	73-115	
Bromobenzene	ug/kg	50	44.3	89	64-130	
Bromochloromethane	ug/kg	50	47.5	95	71-127	
Bromodichloromethane	ug/kg	50	48.0	96	60-121	
Bromoform	ug/kg	50	44.0	88	44-130	
Bromomethane	ug/kg	50	50.0	100	48-175	
Carbon disulfide	ug/kg	100	98.6	99	71-126	
Carbon tetrachloride	ug/kg	50	46.8	94	57-127	
Chlorobenzene	ug/kg	50	43.6	87	72-121	
Chloroethane	ug/kg	50	48.8	98	72-141	
Chloroform	ug/kg	50	46.2	92	74-114	
Chloromethane	ug/kg	50	46.4	93	51-126	
cis-1,2-Dichloroethene	ug/kg	50	46.4	93	72-115	
cis-1,3-Dichloropropene	ug/kg	50	46.0	92	64-115	
Dibromochloromethane	ug/kg	50	43.7	87	58-114	
Dibromomethane	ug/kg	50	45.7	91	73-120	
Dichlorodifluoromethane	ug/kg	50	53.5	107	32-167	
Ethyl methacrylate	ug/kg	200	182	91	65-117	
Ethylbenzene	ug/kg	50	48.1	96	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	47.8	96	65-121	
Iodomethane	ug/kg	100	108	108	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	49.3	99	74-123	
Methyl-tert-butyl ether	ug/kg	100	89.4	89	69-123	
Methylene Chloride	ug/kg	50	49.7	99	58-124	
n-Butylbenzene	ug/kg	50	49.0	98	71-118	
n-Hexane	ug/kg	50	44.6	89	50-106	
n-Propylbenzene	ug/kg	50	47.5	95	70-120	
Naphthalene	ug/kg	50	46.1	92	67-124	
p-Isopropyltoluene	ug/kg	50	48.3	97	71-123	
sec-Butylbenzene	ug/kg	50	48.5	97	66-122	
Styrene	ug/kg	50	47.0	94	75-118	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	38.2	76	54-124	
Tetrachloroethene	ug/kg	50	45.6	91	66-126	
Toluene	ug/kg	50	46.5	93	69-115	
trans-1,2-Dichloroethene	ug/kg	50	44.3	89	69-120	
trans-1,3-Dichloropropene	ug/kg	50	46.1	92	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	171	86	59-130	
Trichloroethene	ug/kg	50	50.0	100	71-117	
Trichlorofluoromethane	ug/kg	50	47.2	94	67-138	
Vinyl acetate	ug/kg	200	223	111	35-134	
Vinyl chloride	ug/kg	50	51.2	102	64-127	
Xylene (Total)	ug/kg	150	141	94	69-117	
4-Bromofluorobenzene (S)	%.			99	67-134	
Dibromofluoromethane (S)	%.			101	71-125	
Toluene-d8 (S)	%.			100	76-124	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: MSV/41364 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061376007, 5061376008, 5061376009

METHOD BLANK: 721422 Matrix: Solid
Associated Lab Samples: 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,3-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
2,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
2-Butanone (MEK)	ug/kg	ND	25.0	04/17/12 09:42	
2-Chlorotoluene	ug/kg	ND	5.0	04/17/12 09:42	
2-Hexanone	ug/kg	ND	100	04/17/12 09:42	
4-Chlorotoluene	ug/kg	ND	5.0	04/17/12 09:42	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/17/12 09:42	
Acetone	ug/kg	ND	100	04/17/12 09:42	
Acrolein	ug/kg	ND	100	04/17/12 09:42	
Acrylonitrile	ug/kg	ND	100	04/17/12 09:42	
Benzene	ug/kg	ND	5.0	04/17/12 09:42	
Bromobenzene	ug/kg	ND	5.0	04/17/12 09:42	
Bromochloromethane	ug/kg	ND	5.0	04/17/12 09:42	
Bromodichloromethane	ug/kg	ND	5.0	04/17/12 09:42	
Bromoform	ug/kg	ND	5.0	04/17/12 09:42	
Bromomethane	ug/kg	ND	5.0	04/17/12 09:42	
Carbon disulfide	ug/kg	ND	10.0	04/17/12 09:42	
Carbon tetrachloride	ug/kg	ND	5.0	04/17/12 09:42	
Chlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
Chloroethane	ug/kg	ND	5.0	04/17/12 09:42	
Chloroform	ug/kg	ND	5.0	04/17/12 09:42	
Chloromethane	ug/kg	ND	5.0	04/17/12 09:42	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
Dibromochloromethane	ug/kg	ND	5.0	04/17/12 09:42	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

METHOD BLANK: 721422 Matrix: Solid

Associated Lab Samples: 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/17/12 09:42	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/17/12 09:42	
Ethyl methacrylate	ug/kg	ND	100	04/17/12 09:42	
Ethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/17/12 09:42	
Iodomethane	ug/kg	ND	100	04/17/12 09:42	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/17/12 09:42	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/17/12 09:42	
Methylene Chloride	ug/kg	ND	20.0	04/17/12 09:42	
n-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
n-Hexane	ug/kg	ND	5.0	04/17/12 09:42	
n-Propylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Naphthalene	ug/kg	ND	5.0	04/17/12 09:42	
p-Isopropyltoluene	ug/kg	ND	5.0	04/17/12 09:42	
sec-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Styrene	ug/kg	ND	5.0	04/17/12 09:42	
tert-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Tetrachloroethene	ug/kg	ND	5.0	04/17/12 09:42	
Toluene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/17/12 09:42	
Trichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
Trichlorofluoromethane	ug/kg	ND	5.0	04/17/12 09:42	
Vinyl acetate	ug/kg	ND	100	04/17/12 09:42	
Vinyl chloride	ug/kg	ND	5.0	04/17/12 09:42	
Xylene (Total)	ug/kg	ND	10.0	04/17/12 09:42	
4-Bromofluorobenzene (S)	%.	95	67-134	04/17/12 09:42	
Dibromofluoromethane (S)	%.	106	71-125	04/17/12 09:42	
Toluene-d8 (S)	%.	90	76-124	04/17/12 09:42	

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.7	99	68-125	
1,1,1-Trichloroethane	ug/kg	50	50.2	100	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.9	96	73-123	
1,1,2-Trichloroethane	ug/kg	50	53.9	108	70-124	
1,1-Dichloroethane	ug/kg	50	46.0	92	63-122	
1,1-Dichloroethene	ug/kg	50	46.1	92	71-129	
1,1-Dichloropropene	ug/kg	50	51.3	103	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	51.0	102	68-123	
1,2,3-Trichloropropane	ug/kg	50	91.7	183	47-117	L3
1,2,4-Trichlorobenzene	ug/kg	50	51.3	103	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	46.4	93	69-120	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	48.8	98	67-121	
1,2-Dichlorobenzene	ug/kg	50	44.9	90	71-121	
1,2-Dichloroethane	ug/kg	50	51.2	102	74-120	
1,2-Dichloropropane	ug/kg	50	48.9	98	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	44.1	88	64-119	
1,3-Dichlorobenzene	ug/kg	50	44.1	88	70-122	
1,3-Dichloropropane	ug/kg	50	46.9	94	68-118	
1,4-Dichlorobenzene	ug/kg	50	44.7	89	71-118	
2,2-Dichloropropane	ug/kg	50	50.0	100	62-119	
2-Butanone (MEK)	ug/kg	250	267	107	38-154	
2-Chlorotoluene	ug/kg	50	43.1	86	71-120	
2-Hexanone	ug/kg	250	271	108	50-134	
4-Chlorotoluene	ug/kg	50	47.5	95	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	248	99	66-122	
Acetone	ug/kg	250	295	118	10-200	
Acrolein	ug/kg	1000	1090	109	11-200	
Acrylonitrile	ug/kg	1000	921	92	66-120	
Benzene	ug/kg	50	46.8	94	73-115	
Bromobenzene	ug/kg	50	46.2	92	64-130	
Bromochloromethane	ug/kg	50	48.1	96	71-127	
Bromodichloromethane	ug/kg	50	50.4	101	60-121	
Bromoform	ug/kg	50	46.8	94	44-130	
Bromomethane	ug/kg	50	50.3	101	48-175	
Carbon disulfide	ug/kg	100	97.4	97	71-126	
Carbon tetrachloride	ug/kg	50	48.6	97	57-127	
Chlorobenzene	ug/kg	50	44.3	89	72-121	
Chloroethane	ug/kg	50	48.4	97	72-141	
Chloroform	ug/kg	50	49.3	99	74-114	
Chloromethane	ug/kg	50	45.8	92	51-126	
cis-1,2-Dichloroethene	ug/kg	50	46.5	93	72-115	
cis-1,3-Dichloropropene	ug/kg	50	47.1	94	64-115	
Dibromochloromethane	ug/kg	50	46.6	93	58-114	
Dibromomethane	ug/kg	50	51.2	102	73-120	
Dichlorodifluoromethane	ug/kg	50	55.0	110	32-167	
Ethyl methacrylate	ug/kg	200	197	98	65-117	
Ethylbenzene	ug/kg	50	46.9	94	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	47.6	95	65-121	
Iodomethane	ug/kg	100	102	102	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	47.3	95	74-123	
Methyl-tert-butyl ether	ug/kg	100	95.9	96	69-123	
Methylene Chloride	ug/kg	50	46.4	93	58-124	
n-Butylbenzene	ug/kg	50	48.2	96	71-118	
n-Hexane	ug/kg	50	42.4	85	50-106	
n-Propylbenzene	ug/kg	50	45.6	91	70-120	
Naphthalene	ug/kg	50	50.0	100	67-124	
p-Isopropyltoluene	ug/kg	50	47.5	95	71-123	
sec-Butylbenzene	ug/kg	50	43.9	88	66-122	
Styrene	ug/kg	50	46.6	93	75-118	

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(317)875-5894

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	35.9	72	54-124	
Tetrachloroethene	ug/kg	50	46.7	93	66-126	
Toluene	ug/kg	50	45.2	90	69-115	
trans-1,2-Dichloroethene	ug/kg	50	43.2	86	69-120	
trans-1,3-Dichloropropene	ug/kg	50	49.2	98	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	203	102	59-130	
Trichloroethene	ug/kg	50	48.7	97	71-117	
Trichlorofluoromethane	ug/kg	50	47.5	95	67-138	
Vinyl acetate	ug/kg	200	238	119	35-134	
Vinyl chloride	ug/kg	50	51.0	102	64-127	
Xylene (Total)	ug/kg	150	136	91	69-117	
4-Bromofluorobenzene (S)	%.			101	67-134	
Dibromofluoromethane (S)	%.			103	71-125	
Toluene-d8 (S)	%.			98	76-124	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: OEXT/29323
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061376001, 5061376002

METHOD BLANK: 719841 Matrix: Solid
Associated Lab Samples: 5061376001, 5061376002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(a)pyrene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/14/12 01:49	
Chrysene	ug/kg	ND	5.0	04/14/12 01:49	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/14/12 01:49	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/14/12 01:49	
Naphthalene	ug/kg	ND	5.0	04/14/12 01:49	
2-Fluorobiphenyl (S)	%.	59	46-109	04/14/12 01:49	
p-Terphenyl-d14 (S)	%.	65	43-107	04/14/12 01:49	

LABORATORY CONTROL SAMPLE: 719842

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	245	73	52-122	
Benzo(a)pyrene	ug/kg	333	252	76	56-131	
Benzo(b)fluoranthene	ug/kg	333	257	77	54-125	
Benzo(k)fluoranthene	ug/kg	333	235	70	55-128	
Chrysene	ug/kg	333	241	72	56-118	
Dibenz(a,h)anthracene	ug/kg	333	244	73	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	245	74	56-124	
Naphthalene	ug/kg	333	194	58	52-112	
2-Fluorobiphenyl (S)	%.			62	46-109	
p-Terphenyl-d14 (S)	%.			70	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 719843 719844

Parameter	Units	5061372001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	<0.0057 mg/kg	379	379	274	262	72	69	36-105	4	20	
Benzo(a)pyrene	ug/kg	<0.0057 mg/kg	379	379	269	259	71	68	34-113	4	20	
Benzo(b)fluoranthene	ug/kg	0.0074 mg/kg	379	379	274	264	70	68	33-111	4	20	
Benzo(k)fluoranthene	ug/kg	<0.0057 mg/kg	379	379	272	258	72	68	31-116	5	20	
Chrysene	ug/kg	0.0098 mg/kg	379	379	279	265	71	67	34-109	5	20	
Dibenz(a,h)anthracene	ug/kg	<0.0057 mg/kg	379	379	269	258	71	68	32-111	4	20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 719843 719844

Parameter	Units	5061372001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Indeno(1,2,3-cd)pyrene	ug/kg	<0.0057 mg/kg	379	379	263	253	69	66	27-113	4	20	
Naphthalene	ug/kg	0.0059 mg/kg	379	379	215	216	55	55	45-106	.4	20	
2-Fluorobiphenyl (S)	%.						60	59	46-109		20	
p-Terphenyl-d14 (S)	%.						69	67	43-107		20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: OEXT/29351 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

METHOD BLANK: 721354 Matrix: Solid
Associated Lab Samples: 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(a)pyrene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/17/12 16:40	
Chrysene	ug/kg	ND	5.0	04/17/12 16:40	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/17/12 16:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/17/12 16:40	
Naphthalene	ug/kg	ND	5.0	04/17/12 16:40	
2-Fluorobiphenyl (S)	%.	75	46-109	04/17/12 16:40	
p-Terphenyl-d14 (S)	%.	88	43-107	04/17/12 16:40	

LABORATORY CONTROL SAMPLE: 721355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	269	81	52-122	
Benzo(a)pyrene	ug/kg	333	282	85	56-131	
Benzo(b)fluoranthene	ug/kg	333	270	81	54-125	
Benzo(k)fluoranthene	ug/kg	333	279	84	55-128	
Chrysene	ug/kg	333	276	83	56-118	
Dibenz(a,h)anthracene	ug/kg	333	270	81	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	265	80	56-124	
Naphthalene	ug/kg	333	225	68	52-112	
2-Fluorobiphenyl (S)	%.			76	46-109	
p-Terphenyl-d14 (S)	%.			85	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 721356 721357

Parameter	Units	5061376003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	ND	358	358	256	318	71	89	36-105	22	20	R1
Benzo(a)pyrene	ug/kg	ND	358	358	271	332	76	93	34-113	20	20	
Benzo(b)fluoranthene	ug/kg	ND	358	358	267	331	75	92	33-111	21	20	R1
Benzo(k)fluoranthene	ug/kg	ND	358	358	262	319	73	89	31-116	20	20	
Chrysene	ug/kg	ND	358	358	269	324	75	91	34-109	19	20	
Dibenz(a,h)anthracene	ug/kg	ND	358	358	263	321	74	90	32-111	20	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	358	358	259	320	72	89	27-113	21	20	R1
Naphthalene	ug/kg	ND	358	358	227	283	64	79	45-106	22	20	R1
2-Fluorobiphenyl (S)	%.						65	84	46-109		20	R1
p-Terphenyl-d14 (S)	%.						71	88	43-107		20	R1

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: PMST/6944
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

SAMPLE DUPLICATE: 719627

Parameter	Units	5061376001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.3	9.7	6	5	R1

SAMPLE DUPLICATE: 719628

Parameter	Units	5061344005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.2	25.1	.3	5	

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QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061376

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061376001	**GP-1 0-5**	EPA 3546	OEXT/29323	EPA 8270 by SIM	MSSV/9961
5061376002	**GP-2 0-5**	EPA 3546	OEXT/29323	EPA 8270 by SIM	MSSV/9961
5061376003	**GP-3 0-5**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376004	**GP-4 10-15**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376005	**GP-5 0-5**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376006	**GP-6 10-15**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376007	**GP-7 0-5**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376008	**GP-8 0-5**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376009	**GP-10 10-15**	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376001	**GP-1 0-5**	EPA 8260	MSV/41342		
5061376002	**GP-2 0-5**	EPA 8260	MSV/41342		
5061376003	**GP-3 0-5**	EPA 8260	MSV/41342		
5061376004	**GP-4 10-15**	EPA 8260	MSV/41342		
5061376005	**GP-5 0-5**	EPA 8260	MSV/41342		
5061376006	**GP-6 10-15**	EPA 8260	MSV/41342		
5061376007	**GP-7 0-5**	EPA 8260	MSV/41364		
5061376008	**GP-8 0-5**	EPA 8260	MSV/41364		
5061376009	**GP-10 10-15**	EPA 8260	MSV/41364		
5061376001	**GP-1 0-5**	ASTM D2974-87	PMST/6944		
5061376002	**GP-2 0-5**	ASTM D2974-87	PMST/6944		
5061376003	**GP-3 0-5**	ASTM D2974-87	PMST/6944		
5061376004	**GP-4 10-15**	ASTM D2974-87	PMST/6944		
5061376005	**GP-5 0-5**	ASTM D2974-87	PMST/6944		
5061376006	**GP-6 10-15**	ASTM D2974-87	PMST/6944		
5061376007	**GP-7 0-5**	ASTM D2974-87	PMST/6944		
5061376008	**GP-8 0-5**	ASTM D2974-87	PMST/6944		
5061376009	**GP-10 10-15**	ASTM D2974-87	PMST/6944		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

1542314

Section A — **Required** Client Information:

Company:	Wightman Petrie
Address:	42 S. Lafayette S. Bend, IN 46601
Email To:	cphifer@wightmanpetrie.com
Phone:	574-232-4388
Fax:	574-232-4333
Requested Due Date/TAT:	

Section B — **Required** Project Information:

Report To:	C. Phifer
Copy To:	A. Soens
Purchase Order No.:	
Project Name:	Hamilton Towing
Project Number:	

Section C — Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: IN

Section D — **Required** Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED — COMPOSITE START — DATE	COMPOSITE START — TIME	COMPOSITE END/GRAB — DATE	COMPOSITE END/GRAB — TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test Y/N	VOCs	cPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. S061376
1	GP-1 0-5	SL	G			[scribbled]	8:31		5	✓							✓		X	X		-001
2	GP-1 5-10	↓	↓			↓	8:42		↓	✓							✓					Hold -010
3	GP-2 0-5	↓	↓	4/11/12 -ASS		↓	9:00		↓	✓							✓		X	X		-002
4	GP-2 5-10	↓	↓			↓	9:06		↓	✓							✓					Hold -011
5	GP-2 10-15	↓	↓			↓	9:10		↓	✓							✓					Hold -012
6	GP-2 15-20	↓	↓			↓	9:16		↓	✓							✓					Hold -013
7	GP-2 20-25	↓	↓			↓	9:21		↓	✓							✓					Hold -014
8	GP-2 25-30	↓	↓			↓	9:35		↓	✓							✓					Hold -015
9	ASS GP-3 0-5	↓	↓			↓	10:18		↓	✓							✓		X	X		-003
10	GP-3 5-10	↓	↓			↓	10:22		↓	✓							✓					Hold -016
11	ASS GP-3 10-15	↓	↓			↓	10:27		↓	✓							✓					Hold -017
12	G4 0-5	↓	↓			↓	10:43		↓	✓							✓					Hold -018

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	4/11/12	4:50	Kathy Eck / Pace	4/12/12	1044	0.0 / 0.3 / 0.0 / 0.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soens

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/11/12

W/ Fed. Ex. 7957 KEE 4-12-12 2

master # 8996 0344 2684

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

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1542313

Section A Required Client Information:

Company: Wightman Petrie
Address: 412 S. Lafayette
S. Bend, IN 46601
Email To: cphifer@wightmanpetrie.com
Phone: 574-232-4388 Fax: 574-232-4373
Requested Due Date/TAT:

Section B Required Project Information:

Report To: C. Phifer
Copy To: A. Soers
Purchase Order No.:
Project Name: Hamilton Towing
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test: VOCs	CPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 5061376
1	GP-4 5-10	SL	G			4/11/12	10:48		5	✓							✓				Hold -019
2	GP-4 10-15						10:52			✓							✓	X	X		-004
3	GP-4 15-20						10:58			✓							✓				Hold -020
4	GP-4 20-25						11:06			✓							✓				Hold -021
5	GP-5 0-5						12:30			✓							✓	X	X		-005
6	GP-5 5-10						12:33			✓							✓				Hold -022
7	GP-5 10-15						12:39			✓							✓				Hold -023
8	GP-6 0-5						12:48			✓							✓				Hold -024
9	GP-6 5-10						1:00			✓							✓				Hold -025
10	GP-6 10-15						1:03			✓							✓	X	X		-006
11	GP-6 15-20						1:07			✓							✓				Hold -026
12	GP-6 20-25						1:12			✓							✓				Hold -027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4/11/12	4:30	Kathy Eckl Pace	4/12/12	1044	0.0 / 0.3 / 0.0 / 0.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soers

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 04/11/12

WI / Fed. Ex. 2 master# 8996 0344 2684

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

1542309

Section A Required Client Information:

Company: Wightman Petrie
Address: 412 S. Lafayette S. Bend IN 46601
Email To: cphifer@wightmanpetrie.com
Phone: 574-232-4388 Fax: 574-232-4333
Requested Due Date/TAT:

Section B Required Project Information:

Report To: C. Phifer
Copy To: A. Spens
Purchase Order No.:
Project Name: Hamilton Towing
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

Matrix Codes MATRIX / CODE

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terra Core	Analysis Test Y/N: VOCs	cPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
25 1	GP-7 0-5	SL	G			4/11/12	1:47		5	✓							✓	X	X		5061576-007
26 2	GP-7 5-10						1:52		1	✓							✓				Hold -028
27 3	GP-8 0-5						2:03			✓							✓	X	X		-008
28 4	GP-8 5-10						2:08			✓							✓				Hold -029
29 5	GP-8 10-15						2:12			✓							✓				Hold -030
30 6	GP-~~10~~8 15-20						2:20			✓							✓				Hold -031
31 7	GP-~~15~~8 ADS 20-25						2:28			✓							✓				Hold -032
32 8	GP-10 0-5						3:09			✓							✓				Hold -033
33 9	GP-10 5-10						3:11			✓							✓				Hold -034
34 10	GP-10 10-15						3:14			✓							✓	X	X		-009
11																					Hold
12																					Hold

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature]	04/11/12	4:50	Kathy Eck/Pace	4/12/12	1044

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.0 0.3 0.0 0.0	Y	Y	Y

WI Fed. Ex. master # 8996 0344 2684

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Spens
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 04/11/12

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Wightman Petrie Project # 5061376

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: master # 8996 0344 2684

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Date/Time 5035A kits placed in freezer 4/12/12 1157

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other Ziplocks

Thermometer Used 1 2 3 4 6 A B C D E Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable) 0.0°c, 0.3°c, 0.0°c 0.0°c Ice Visible in Sample Containers: ☐ yes ☒ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: Kee 4-12-12

			Comments:
Chain of Custody Present:	☒Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☒Yes	☐No ☐N/A	5. T.C. Kits
Rush Turn Around Time Requested:	☐Yes	☒No ☐N/A	6.
Containers Intact:	☒Yes	☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☐Yes	☒No ☐N/A	8. No Dates on sample containers.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	☐Yes	☐No ☒N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No ☒N/A	
Headspace in VOA Vials (>6mm):	☐Yes	☐No ☒N/A	10.
Trip Blank Present:	☐Yes	☒No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes	☐No ☒N/A	
Project Manager Review			
Samples Arrived within Hold Time:	☒Yes	☐No ☐N/A	12.
Sufficient Volume:	☒Yes	☐No ☐N/A	13.
Correct Containers Used:	☒Yes	☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 4/12/12

Form F-IN-Q290-rev.04, 28Apr2011

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 1 of 3

COC ID# 1542314

Project # 5061376

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 2 of 3
COC ID# 1542313

Project # 5061376

Pace Analytical
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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 3 of 3

COC ID# 1542309

Project # 5061376

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H					Comments
1			1	4													
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Pace Analytical Services, Inc.
1233 Dublin Road
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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061445

Dear Mr. Phifer:
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures

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(317)875-5894

CERTIFICATIONS

Project: Hamilton Towing
Pace Project No.: 5061445

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Louisiana/NELAC Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-04991
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Hamilton Towing
Pace Project No.: 5061445

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061445001	**GP-11 10-15**	Solid	04/12/12 08:36	04/13/12 11:54
5061445002	**GP-12 10-15**	Solid	04/12/12 09:55	04/13/12 11:54
5061445003	**GP-13 5-10**	Solid	04/12/12 10:16	04/13/12 11:54
5061445004	**GP-14 0-5**	Solid	04/12/12 10:28	04/13/12 11:54
5061445005	**GP-17 0-5**	Solid	04/12/12 10:52	04/13/12 11:54
5061445006	**GP-11 0-5**	Solid	04/12/12 08:18	04/13/12 11:54
5061445007	**GP-11 5-10**	Solid	04/12/12 08:23	04/13/12 11:54
5061445008	**GP-11 15-20**	Solid	04/12/12 08:56	04/13/12 11:54
5061445009	**GP-11 20-25**	Solid	04/12/12 09:01	04/13/12 11:54
5061445010	**GP-12 0-5**	Solid	04/12/12 09:45	04/13/12 11:54
5061445011	**GP-12 5-10**	Solid	04/12/12 09:49	04/13/12 11:54
5061445012	**GP-13 0-5**	Solid	04/12/12 10:10	04/13/12 11:54
5061445013	**GP-14 5-10**	Solid	04/12/12 10:32	04/13/12 11:54
5061445014	**GP-14 10-15**	Solid	04/12/12 10:36	04/13/12 11:54
5061445015	**GP-17 5-10**	Solid	04/12/12 10:48	04/13/12 11:54
5061445016	**GP-17 10-15**	Solid	04/12/12 10:55	04/13/12 11:54
5061445017	**GP-17 15-20**	Solid	04/12/12 11:00	04/13/12 11:54
5061445018	**GP-17 20-25**	Solid	04/12/12 11:07	04/13/12 11:54

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SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061445

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061445001	**GP-11 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445002	**GP-12 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445003	**GP-13 5-10**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445004	**GP-14 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445005	**GP-17 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-11 10-15 **Lab ID: 5061445001** Collected: 04/12/12 08:36 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	46-109	1	04/16/12 11:20	04/18/12 03:29	321-60-8	
p-Terphenyl-d14 (S)	91	%.	43-107	1	04/16/12 11:20	04/18/12 03:29	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	98.4	1		04/16/12 19:14	67-64-1	
Acrolein	ND	ug/kg	98.4	1		04/16/12 19:14	107-02-8	
Acrylonitrile	ND	ug/kg	98.4	1		04/16/12 19:14	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/16/12 19:14	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/16/12 19:14	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		04/16/12 19:14	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/16/12 19:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/16/12 19:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/16/12 19:14	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:14	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/16/12 19:14	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	98.4	1		04/16/12 19:14	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-11 10-15 **Lab ID: 5061445001** Collected: 04/12/12 08:36 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	100-41-4	
Ethyl methacrylate	ND	ug/kg	98.4	1		04/16/12 19:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/16/12 19:14	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/16/12 19:14	110-54-3	
2-Hexanone	ND	ug/kg	98.4	1		04/16/12 19:14	591-78-6	
Iodomethane	ND	ug/kg	98.4	1		04/16/12 19:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/16/12 19:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/16/12 19:14	99-87-6	
Methylene Chloride	ND	ug/kg	19.7	1		04/16/12 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		04/16/12 19:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/16/12 19:14	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/16/12 19:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/16/12 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/16/12 19:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-67-8	
Vinyl acetate	ND	ug/kg	98.4	1		04/16/12 19:14	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/16/12 19:14	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/16/12 19:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	71-125	1		04/16/12 19:14	1868-53-7	
Toluene-d8 (S)	102	%.	76-124	1		04/16/12 19:14	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	67-134	1		04/16/12 19:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.1**	%	0.10	1		04/13/12 18:30		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-12 10-15 **Lab ID: 5061445002** Collected: 04/12/12 09:55 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	46-109	1	04/16/12 11:20	04/18/12 03:47	321-60-8	
p-Terphenyl-d14 (S)	75	%.	43-107	1	04/16/12 11:20	04/18/12 03:47	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	98.2	1		04/16/12 19:48	67-64-1	
Acrolein	ND	ug/kg	98.2	1		04/16/12 19:48	107-02-8	
Acrylonitrile	ND	ug/kg	98.2	1		04/16/12 19:48	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/16/12 19:48	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/16/12 19:48	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		04/16/12 19:48	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/16/12 19:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/16/12 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/16/12 19:48	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:48	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/16/12 19:48	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	98.2	1		04/16/12 19:48	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-12 10-15 **Lab ID: 5061445002** Collected: 04/12/12 09:55 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	100-41-4	
Ethyl methacrylate	ND	ug/kg	98.2	1		04/16/12 19:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/16/12 19:48	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/16/12 19:48	110-54-3	
2-Hexanone	ND	ug/kg	98.2	1		04/16/12 19:48	591-78-6	
Iodomethane	ND	ug/kg	98.2	1		04/16/12 19:48	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/16/12 19:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/16/12 19:48	99-87-6	
Methylene Chloride	ND	ug/kg	19.6	1		04/16/12 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		04/16/12 19:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/16/12 19:48	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/16/12 19:48	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/16/12 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/16/12 19:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-67-8	
Vinyl acetate	ND	ug/kg	98.2	1		04/16/12 19:48	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/16/12 19:48	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/16/12 19:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	71-125	1		04/16/12 19:48	1868-53-7	
Toluene-d8 (S)	100	%.	76-124	1		04/16/12 19:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	67-134	1		04/16/12 19:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.0**	%	0.10	1		04/13/12 18:30		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-13 5-10 **Lab ID: 5061445003** Collected: 04/12/12 10:16 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	46-109	1	04/16/12 11:20	04/18/12 04:06	321-60-8	
p-Terphenyl-d14 (S)	93	%.	43-107	1	04/16/12 11:20	04/18/12 04:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	86.3	1		04/16/12 20:22	67-64-1	
Acrolein	ND	ug/kg	86.3	1		04/16/12 20:22	107-02-8	
Acrylonitrile	ND	ug/kg	86.3	1		04/16/12 20:22	107-13-1	
Benzene	ND	ug/kg	4.3	1		04/16/12 20:22	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-27-4	
Bromoform	ND	ug/kg	4.3	1		04/16/12 20:22	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.6	1		04/16/12 20:22	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	98-06-6	
Carbon disulfide	ND	ug/kg	8.6	1		04/16/12 20:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		04/16/12 20:22	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-00-3	
Chloroform	ND	ug/kg	4.3	1		04/16/12 20:22	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		04/16/12 20:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		04/16/12 20:22	106-43-4	
Dibromochloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		04/16/12 20:22	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	86.3	1		04/16/12 20:22	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-13 5-10 **Lab ID: 5061445003** Collected: 04/12/12 10:16 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	100-41-4	
Ethyl methacrylate	ND	ug/kg	86.3	1		04/16/12 20:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		04/16/12 20:22	87-68-3	
n-Hexane	ND	ug/kg	4.3	1		04/16/12 20:22	110-54-3	
2-Hexanone	ND	ug/kg	86.3	1		04/16/12 20:22	591-78-6	
Iodomethane	ND	ug/kg	86.3	1		04/16/12 20:22	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		04/16/12 20:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		04/16/12 20:22	99-87-6	
Methylene Chloride	ND	ug/kg	17.3	1		04/16/12 20:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.6	1		04/16/12 20:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		04/16/12 20:22	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		04/16/12 20:22	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	103-65-1	
Styrene	ND	ug/kg	4.3	1		04/16/12 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	127-18-4	
Toluene	ND	ug/kg	4.3	1		04/16/12 20:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-67-8	
Vinyl acetate	ND	ug/kg	86.3	1		04/16/12 20:22	108-05-4	
Vinyl chloride	ND	ug/kg	4.3	1		04/16/12 20:22	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		04/16/12 20:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	71-125	1		04/16/12 20:22	1868-53-7	
Toluene-d8 (S)	97	%.	76-124	1		04/16/12 20:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	67-134	1		04/16/12 20:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.6**	%	0.10	1		04/13/12 18:30		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-14 0-5 **Lab ID: 5061445004** Collected: 04/12/12 10:28 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	207-08-9	
Chrysene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	193-39-5	
Naphthalene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	46-109	1	04/16/12 11:20	04/18/12 05:00	321-60-8	
p-Terphenyl-d14 (S)	70	%.	43-107	1	04/16/12 11:20	04/18/12 05:00	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	84.0	1		04/16/12 20:55	67-64-1	
Acrolein	ND	ug/kg	84.0	1		04/16/12 20:55	107-02-8	
Acrylonitrile	ND	ug/kg	84.0	1		04/16/12 20:55	107-13-1	
Benzene	ND	ug/kg	4.2	1		04/16/12 20:55	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-27-4	
Bromoform	ND	ug/kg	4.2	1		04/16/12 20:55	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.0	1		04/16/12 20:55	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	98-06-6	
Carbon disulfide	ND	ug/kg	8.4	1		04/16/12 20:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		04/16/12 20:55	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-00-3	
Chloroform	ND	ug/kg	4.2	1		04/16/12 20:55	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		04/16/12 20:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1		04/16/12 20:55	106-43-4	
Dibromochloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		04/16/12 20:55	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	84.0	1		04/16/12 20:55	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-14 0-5 **Lab ID: 5061445004** Collected: 04/12/12 10:28 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	100-41-4	
Ethyl methacrylate	ND	ug/kg	84.0	1		04/16/12 20:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		04/16/12 20:55	87-68-3	
n-Hexane	ND	ug/kg	4.2	1		04/16/12 20:55	110-54-3	
2-Hexanone	ND	ug/kg	84.0	1		04/16/12 20:55	591-78-6	
Iodomethane	ND	ug/kg	84.0	1		04/16/12 20:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		04/16/12 20:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		04/16/12 20:55	99-87-6	
Methylene Chloride	ND	ug/kg	16.8	1		04/16/12 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.0	1		04/16/12 20:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		04/16/12 20:55	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		04/16/12 20:55	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	103-65-1	
Styrene	ND	ug/kg	4.2	1		04/16/12 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	127-18-4	
Toluene	ND	ug/kg	4.2	1		04/16/12 20:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-67-8	
Vinyl acetate	ND	ug/kg	84.0	1		04/16/12 20:55	108-05-4	
Vinyl chloride	ND	ug/kg	4.2	1		04/16/12 20:55	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		04/16/12 20:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	71-125	1		04/16/12 20:55	1868-53-7	
Toluene-d8 (S)	99	%.	76-124	1		04/16/12 20:55	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	67-134	1		04/16/12 20:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		04/13/12 18:30		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-17 0-5 **Lab ID: 5061445005** Collected: 04/12/12 10:52 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	46-109	1	04/16/12 11:20	04/18/12 05:18	321-60-8	
p-Terphenyl-d14 (S)	76	%.	43-107	1	04/16/12 11:20	04/18/12 05:18	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	81.8	1		04/16/12 21:29	67-64-1	
Acrolein	ND	ug/kg	81.8	1		04/16/12 21:29	107-02-8	
Acrylonitrile	ND	ug/kg	81.8	1		04/16/12 21:29	107-13-1	
Benzene	ND	ug/kg	4.1	1		04/16/12 21:29	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-27-4	
Bromoform	ND	ug/kg	4.1	1		04/16/12 21:29	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.5	1		04/16/12 21:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	98-06-6	
Carbon disulfide	ND	ug/kg	8.2	1		04/16/12 21:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		04/16/12 21:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-00-3	
Chloroform	ND	ug/kg	4.1	1		04/16/12 21:29	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		04/16/12 21:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		04/16/12 21:29	106-43-4	
Dibromochloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		04/16/12 21:29	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	81.8	1		04/16/12 21:29	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-17 0-5 **Lab ID: 5061445005** Collected: 04/12/12 10:52 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	100-41-4	
Ethyl methacrylate	ND	ug/kg	81.8	1		04/16/12 21:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		04/16/12 21:29	87-68-3	
n-Hexane	ND	ug/kg	4.1	1		04/16/12 21:29	110-54-3	
2-Hexanone	ND	ug/kg	81.8	1		04/16/12 21:29	591-78-6	
Iodomethane	ND	ug/kg	81.8	1		04/16/12 21:29	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		04/16/12 21:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		04/16/12 21:29	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1		04/16/12 21:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.5	1		04/16/12 21:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		04/16/12 21:29	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		04/16/12 21:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	103-65-1	
Styrene	ND	ug/kg	4.1	1		04/16/12 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	127-18-4	
Toluene	ND	ug/kg	4.1	1		04/16/12 21:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-67-8	
Vinyl acetate	ND	ug/kg	81.8	1		04/16/12 21:29	108-05-4	
Vinyl chloride	ND	ug/kg	4.1	1		04/16/12 21:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		04/16/12 21:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	71-125	1		04/16/12 21:29	1868-53-7	
Toluene-d8 (S)	97	%.	76-124	1		04/16/12 21:29	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	67-134	1		04/16/12 21:29	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.0**	%	0.10	1		04/13/12 18:30		

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

QC Batch: MSV/41349 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

METHOD BLANK: 721278 Matrix: Solid
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,3-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
2,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
2-Butanone (MEK)	ug/kg	ND	25.0	04/16/12 13:37	
2-Chlorotoluene	ug/kg	ND	5.0	04/16/12 13:37	
2-Hexanone	ug/kg	ND	100	04/16/12 13:37	
4-Chlorotoluene	ug/kg	ND	5.0	04/16/12 13:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/16/12 13:37	
Acetone	ug/kg	ND	100	04/16/12 13:37	
Acrolein	ug/kg	ND	100	04/16/12 13:37	
Acrylonitrile	ug/kg	ND	100	04/16/12 13:37	
Benzene	ug/kg	ND	5.0	04/16/12 13:37	
Bromobenzene	ug/kg	ND	5.0	04/16/12 13:37	
Bromochloromethane	ug/kg	ND	5.0	04/16/12 13:37	
Bromodichloromethane	ug/kg	ND	5.0	04/16/12 13:37	
Bromoform	ug/kg	ND	5.0	04/16/12 13:37	
Bromomethane	ug/kg	ND	5.0	04/16/12 13:37	
Carbon disulfide	ug/kg	ND	10.0	04/16/12 13:37	
Carbon tetrachloride	ug/kg	ND	5.0	04/16/12 13:37	
Chlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
Chloroethane	ug/kg	ND	5.0	04/16/12 13:37	
Chloroform	ug/kg	ND	5.0	04/16/12 13:37	
Chloromethane	ug/kg	ND	5.0	04/16/12 13:37	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
Dibromochloromethane	ug/kg	ND	5.0	04/16/12 13:37	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

METHOD BLANK: 721278 Matrix: Solid

Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/16/12 13:37	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/16/12 13:37	
Ethyl methacrylate	ug/kg	ND	100	04/16/12 13:37	
Ethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/16/12 13:37	
Iodomethane	ug/kg	ND	100	04/16/12 13:37	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/16/12 13:37	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/16/12 13:37	
Methylene Chloride	ug/kg	ND	20.0	04/16/12 13:37	
n-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
n-Hexane	ug/kg	ND	5.0	04/16/12 13:37	
n-Propylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Naphthalene	ug/kg	ND	5.0	04/16/12 13:37	
p-Isopropyltoluene	ug/kg	ND	5.0	04/16/12 13:37	
sec-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Styrene	ug/kg	ND	5.0	04/16/12 13:37	
tert-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Tetrachloroethene	ug/kg	ND	5.0	04/16/12 13:37	
Toluene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/16/12 13:37	
Trichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
Trichlorofluoromethane	ug/kg	ND	5.0	04/16/12 13:37	
Vinyl acetate	ug/kg	ND	100	04/16/12 13:37	
Vinyl chloride	ug/kg	ND	5.0	04/16/12 13:37	
Xylene (Total)	ug/kg	ND	10.0	04/16/12 13:37	
4-Bromofluorobenzene (S)	%.	102	67-134	04/16/12 13:37	
Dibromofluoromethane (S)	%.	104	71-125	04/16/12 13:37	
Toluene-d8 (S)	%.	99	76-124	04/16/12 13:37	

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	44.3	89	68-125	
1,1,1-Trichloroethane	ug/kg	50	42.6	85	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.9	86	73-123	
1,1,2-Trichloroethane	ug/kg	50	37.3	75	70-124	
1,1-Dichloroethane	ug/kg	50	39.8	80	63-122	
1,1-Dichloroethene	ug/kg	50	45.2	90	71-129	
1,1-Dichloropropene	ug/kg	50	40.6	81	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	42.8	86	68-123	
1,2,3-Trichloropropane	ug/kg	50	70.5	141	47-117	L3
1,2,4-Trichlorobenzene	ug/kg	50	44.3	89	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	51.5	103	69-120	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	41.4	83	67-121	
1,2-Dichlorobenzene	ug/kg	50	45.8	92	71-121	
1,2-Dichloroethane	ug/kg	50	42.1	84	74-120	
1,2-Dichloropropane	ug/kg	50	41.0	82	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	48.8	98	64-119	
1,3-Dichlorobenzene	ug/kg	50	46.6	93	70-122	
1,3-Dichloropropane	ug/kg	50	39.4	79	68-118	
1,4-Dichlorobenzene	ug/kg	50	41.9	84	71-118	
2,2-Dichloropropane	ug/kg	50	43.2	86	62-119	
2-Butanone (MEK)	ug/kg	250	237	95	38-154	
2-Chlorotoluene	ug/kg	50	47.9	96	71-120	
2-Hexanone	ug/kg	250	213	85	50-134	
4-Chlorotoluene	ug/kg	50	41.8	84	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	210	84	66-122	
Acetone	ug/kg	250	234	94	10-200	
Acrolein	ug/kg	1000	1360	136	11-200	
Acrylonitrile	ug/kg	1000	758	76	66-120	
Benzene	ug/kg	50	39.0	78	73-115	
Bromobenzene	ug/kg	50	49.0	98	64-130	
Bromochloromethane	ug/kg	50	46.3	93	71-127	
Bromodichloromethane	ug/kg	50	42.7	85	60-121	
Bromoform	ug/kg	50	30.0	60	44-130	
Bromomethane	ug/kg	50	64.5	129	48-175	
Carbon disulfide	ug/kg	100	102	102	71-126	
Carbon tetrachloride	ug/kg	50	39.1	78	57-127	
Chlorobenzene	ug/kg	50	40.1	80	72-121	
Chloroethane	ug/kg	50	49.3	99	72-141	
Chloroform	ug/kg	50	44.5	89	74-114	
Chloromethane	ug/kg	50	49.1	98	51-126	
cis-1,2-Dichloroethene	ug/kg	50	38.8	78	72-115	
cis-1,3-Dichloropropene	ug/kg	50	41.2	82	64-115	
Dibromochloromethane	ug/kg	50	34.7	69	58-114	
Dibromomethane	ug/kg	50	45.2	90	73-120	
Dichlorodifluoromethane	ug/kg	50	45.5	91	32-167	
Ethyl methacrylate	ug/kg	200	158	79	65-117	
Ethylbenzene	ug/kg	50	40.8	82	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	40.4	81	65-121	
Iodomethane	ug/kg	100	112	112	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	44.3	89	74-123	
Methyl-tert-butyl ether	ug/kg	100	79.5	79	69-123	
Methylene Chloride	ug/kg	50	41.7	83	58-124	
n-Butylbenzene	ug/kg	50	43.9	88	71-118	
n-Hexane	ug/kg	50	34.5	69	50-106	
n-Propylbenzene	ug/kg	50	39.6	79	70-120	
Naphthalene	ug/kg	50	44.7	89	67-124	
p-Isopropyltoluene	ug/kg	50	45.7	91	71-123	
sec-Butylbenzene	ug/kg	50	43.8	88	66-122	
Styrene	ug/kg	50	47.4	95	75-118	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	40.9	82	54-124	
Tetrachloroethene	ug/kg	50	37.7	75	66-126	
Toluene	ug/kg	50	44.8	90	69-115	
trans-1,2-Dichloroethene	ug/kg	50	45.3	91	69-120	
trans-1,3-Dichloropropene	ug/kg	50	42.3	85	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	152	76	59-130	
Trichloroethene	ug/kg	50	41.1	82	71-117	
Trichlorofluoromethane	ug/kg	50	49.7	99	67-138	
Vinyl acetate	ug/kg	200	217	108	35-134	
Vinyl chloride	ug/kg	50	51.4	103	64-127	
Xylene (Total)	ug/kg	150	136	91	69-117	
4-Bromofluorobenzene (S)	%.			102	67-134	
Dibromofluoromethane (S)	%.			104	71-125	
Toluene-d8 (S)	%.			94	76-124	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

QC Batch: OEXT/29344 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

METHOD BLANK: 720968 Matrix: Solid
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(a)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Chrysene	ug/kg	ND	5.0	04/18/12 02:53	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Naphthalene	ug/kg	ND	5.0	04/18/12 02:53	
2-Fluorobiphenyl (S)	%.	80	46-109	04/18/12 02:53	
p-Terphenyl-d14 (S)	%.	90	43-107	04/18/12 02:53	

LABORATORY CONTROL SAMPLE: 720969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	296	89	52-122	
Benzo(a)pyrene	ug/kg	333	304	91	56-131	
Benzo(b)fluoranthene	ug/kg	333	302	91	54-125	
Benzo(k)fluoranthene	ug/kg	333	288	86	55-128	
Chrysene	ug/kg	333	296	89	56-118	
Dibenz(a,h)anthracene	ug/kg	333	296	89	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	296	89	56-124	
Naphthalene	ug/kg	333	235	70	52-112	
2-Fluorobiphenyl (S)	%.			83	46-109	
p-Terphenyl-d14 (S)	%.			97	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 720970 720971

Parameter	Units	5061483009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	258	364	364	420	345	45	24	36-105	20	20	M0
Benzo(a)pyrene	ug/kg	313	364	364	437	353	34	11	34-113	21	20	M0,R1
Benzo(b)fluoranthene	ug/kg	333	364	364	453	373	33	11	33-111	19	20	M0
Benzo(k)fluoranthene	ug/kg	248	364	364	397	334	41	23	31-116	17	20	M0
Chrysene	ug/kg	320	364	364	444	364	34	12	34-109	20	20	M0
Dibenz(a,h)anthracene	ug/kg	114	364	364	237	212	34	27	32-111	11	20	M0
Indeno(1,2,3-cd)pyrene	ug/kg	240	364	364	352	294	31	15	27-113	18	20	M0
Naphthalene	ug/kg	ND	364	364	163	160	36	35	45-106	2	20	1d,M0
2-Fluorobiphenyl (S)	%.						40	42	46-109		20	S4
p-Terphenyl-d14 (S)	%.						46	43	43-107		20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

QC Batch: PMST/6947 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

SAMPLE DUPLICATE: 720693

Parameter	Units	5061300002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.0	17.6	4	5	

SAMPLE DUPLICATE: 720694

Parameter	Units	5061300016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.6	17.6	6	5	R1

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QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061445

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	The sample was analyzed at dilution due to its physical characteristics. 4-19-12 RRB
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061445

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061445001	**GP-11 10-15**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445002	**GP-12 10-15**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445003	**GP-13 5-10**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445004	**GP-14 0-5**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445005	**GP-17 0-5**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445001	**GP-11 10-15**	EPA 8260	MSV/41349		
5061445002	**GP-12 10-15**	EPA 8260	MSV/41349		
5061445003	**GP-13 5-10**	EPA 8260	MSV/41349		
5061445004	**GP-14 0-5**	EPA 8260	MSV/41349		
5061445005	**GP-17 0-5**	EPA 8260	MSV/41349		
5061445001	**GP-11 10-15**	ASTM D2974-87	PMST/6947		
5061445002	**GP-12 10-15**	ASTM D2974-87	PMST/6947		
5061445003	**GP-13 5-10**	ASTM D2974-87	PMST/6947		
5061445004	**GP-14 0-5**	ASTM D2974-87	PMST/6947		
5061445005	**GP-17 0-5**	ASTM D2974-87	PMST/6947		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Vue
5061445

Page: 1 of 2

1542312

Section A — Required Client Information:

- Company: Wightman Petrie
- Address: 412 S. Lafayette, S. Bend, IN 46601
- Email To: cphifer@wightmanpetrie.com
- Phone: 574-232-4388
- Fax: 574-232-4333
- Requested Due Date/TAT:

Section B — Required Project Information:

- Report To: C. Phifer
- Copy To: A. Soens
- Purchase Order No.:
- Project Name: Hamilton Towing
- Project Number:

Section C — Invoice Information:

- Attention: Kim Bauman
- Company Name: "
- Address:
- Pace Quote Reference:
- Pace Project Manager:
- Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Section D — Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	VOCs	cPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-11 0-5	SL	G			4/12/12	8:18		5	✓							✓					Hold 006
2	GP-11 5-10	↓	↓			↓	8:23		5	✓							✓					Hold 007
3	GP-11 10-15						8:36		5	✓							✓		X	X		001
4	GP-11 15-20						8:56		5	✓							✓					Hold 008
5	GP-11 20-25						9:01		5	✓							✓					Hold 009
6	GP-12 0-5						9:45		5	✓							✓					Hold 010
7	GP-12 5-10						9:49		5	✓							✓					Hold 011
8	GP-12 10-15						9:55		5	✓							✓		X	X		002
9	GP-13 0-5						10:10		5	✓							✓					Hold 012
10	GP-13 5-10						10:16		5	✓							✓		X	X		003
11	GP-14 0-5						10:28		5	✓							✓		X	X		004
12	GP-14 5-10	↓	↓			↓	10:32		5	✓							✓					Hold 013

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	4/12/12	4:52	[signature] / Pace	4/13/12	1154	1.9 / 1.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

- PRINT Name of SAMPLER: Andy Soens
- SIGNATURE of SAMPLER: [signature]
- DATE Signed (MM/DD/YY): 04/12/12

w/ Fedex 2

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

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1542308

Section A Required Client Information:

Company: Wightman Petrie
Address: 412 S Lafayette
S. Bend, IN 46601
Email To: cphifer@wightmanpetrie.com
Phone: 574-232-4388 Fax: 574-232-4333
Requested Due Date/TAT:

Section B Required Project Information:

Report To: C. Phifer
Copy To: A. Sons
Purchase Order No.:
Project Name: Hamilton Taving
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

Matrix Codes MATRIX / CODE

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terra core	Analysis Test Y/N: VOCs, PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
13 1	GP-14 10-15	SL	G			4/12/12	10:30		5	✓							✓			Hold 014
14 2	GP-17 0-5						10:52		5	✓							✓	XXX		[redacted]-AS5 005
15 3	GP-17 5-10						10:48		5	✓							✓			Hold 015
16 4	GP-17 10-15						10:55		5	✓							✓			Hold 016
17 5	GP-17 15-20						11:00		5	✓							✓			Hold 017
18 6	GP-17 20-25					↓	11:07		5	✓							✓			Hold 018
19 7	TEMP Blank	WT							1	✓							✓			
8									*per cooler											
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	4/12/12	4:52	[signature] /Pace	4/13/12	1154	1.9 / 1.7	Y	Y	Y

WI/Fedex 2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Sons
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/12/12

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

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Wightman Retrie Project # 5061445

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8762 5748 4027

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Date/Time 5035A kits placed in freezer 4/13/12 1157

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other Ziplock

Thermometer Used 1 2 3 4 6 (A) B C D E Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable) 1.9/1.7°C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RO 4/13/12

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	5. TC's
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	☐Yes ☑No ☐N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	10.
Trip Blank Present:	☐Yes ☑No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Project Manager Review		MM
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13.
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MMayer **Date:** 4/13/12

Form F-IN-Q290-rev.04, 28Apr2011

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 1 of 2

COC ID# _____

Project # 5061445

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www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 2 of 2

COC ID# _____

Project # 5061445

Pace Analytical
www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2			↓	↓												
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

1542310

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Wightman Petrie	Report To: C. Phifer	Attention: Kim Bowman
Address: 412 S. Lafayette S. Bend, IN 46601	Copy To: A. Soens	Company Name:
Email To: cphifer@wightmanpetrie.com	Purchase Order No.:	Address:
Phone: 574-232-4388 Fax: 574-232-4333	Project Name: Hamilton Towing	Pace Quote Reference:
Requested Due Date/TAT:	Project Number:	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE)

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test Y/N	VOCs	PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-9 0-5	SL	G			4/12/12	1:58	✓	5	✓	✓						✓	✓	XX			001
2	GP-9 5-10						2:02	✓		✓	✓						✓	✓				Hold 006
3	GP-9 10-15						2:04			✓	✓						✓	✓				Hold 007
4	GP-9 15-20						2:07			✓	✓						✓	✓				Hold 008
5	GP-9 20-25						2:12			✓	✓						✓	✓				Hold 009
6	GP-15 0-5						11:56			✓	✓						✓	✓	XX			002
7	GP-15 5-10						12:00			✓	✓						✓	✓				Hold 010
8	GP-15 10-15						12:01			✓	✓						✓	✓				Hold 011
9	GP-16 0-5						1:30			✓	✓						✓	✓				Hold 012
10	GP-16 5-10						1:33			✓	✓						✓	✓				Hold 013
11	GP-16 10-15						1:37			✓	✓						✓	✓	XX			003
12	GP-18 0-5	↓	↓			↓	12:22	↓	↓	✓	✓						✓	✓	XX			004

5061485

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4/13/12	4:00	Pace	4/14/12	1037	2.1	Y	Y	Y
							1.5			
							2.8			
							1.9			

WI/Fedex 2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soens

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/13/12

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

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

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Page: 2 of 3

1542311

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Wightman Petrie	Report To: C. Phifer	Attention: Kim Bowman
Address: 412 S. Lafayette S. Bend, IN 46601	Copy To: A. Soens	Company Name: "
		Address:
Email To: cphifer@wightmanpetrie.com	Purchase Order No.:	Pace Quote Reference:
Phone: 574-232-4388 Fax: 574-232-4333	Project Name: Hamilton Towing	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

5061485

	ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test Y/N	VOCs	PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
13	1	EP-18 5-10	SL	G			4/12/12	12:26		5	✓							✓	✓				Hold -014
14	2	EP-18 10-15	SL	G				12:30			✓							✓	✓				Hold -015
15	3	EP-18 15-20	SL	G				12:35			✓							✓	✓				Hold -016
16	4	EP-18 20-25	SL	G				12:41			✓							✓	✓				Hold -017
17	5	GP-19 0-5	SL	G				3:01			✓							✓	✓				Hold -018
18	6	GP-19 5-10	SL	G				3:06			✓							✓	✓				Hold -019
19	7	EP-19 10-15	SL	G				3:12			✓							✓		X	X		005
20	8	GP-2	WT	G			4/11/12	9:55			✓			✓						X	X		-020
21	9	GP-4	WT	G			4/11/12	11:30			✓			✓						X	X		-021
22	10	EP-6	WT	G			4/11/12	1:30			✓			✓						X	X		-022
23	11	EP-8	WT	G			4/11/12	2:45			✓			✓						X	X		-023
24	12	EP-9	WT	G			4/12/12	2:32		↓	✓			✓						X	X		-024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	4/13/12	4:00	[signature] / Pace	4/14/12	1037	2.1	Y	Y	N
							1.5			
							2.8			
							1.9			

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soens

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/13/12

w/ / Fedex 2

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

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 3

1542315

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Wightman Petrie	Report To: C. Phifer	Attention: Kim Bowman
Address: 412 S. Lafayette S. Bend, IN 46601	Copy To: A. Soens	Company Name: "
		Address: "
Email To: cphifer@wightmanpetrie.com	Purchase Order No.:	Pace Quote Reference:
Phone: 574-232-4388 Fax: 574-232-4339	Project Name: Hamilton Towing	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

SDW14485

Requested Analysis Filtered (Y/N)

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE)

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs	cPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
25	1 GP-11	WT	G			4/12/12	9:21		5	✓			✓						X	X		-025
26	2 GP-17	WT	G			4/12/12	11:25		5	✓			✓						X	X		-026
27	3 GP-18	WT	G			4/12/12	1:00		5	✓			✓						X	X		-027
28	4 Temp Blank								1/per cooler	✓												005
	5																					-001
	6																					-002
	7																					-003
	8																					-004
	9																					
	10																					
	11																					
	12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4/13/12	4:00	Pace	4/14/12	1037	2.1	Y	Y	Y
							1.5			
							2.8			
							1.9			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Soens

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/13/12

WT / Fedex 2

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Wrightman Petrie Project # 5206485

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8996 0344 2700

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Date/Time 5035A kits placed in freezer: 4/14/12 1047

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☑ Other Ziplock

Thermometer Used: 1 2 3 4 6 A B C (D) E Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 2-1/1.5/2-8/1.9 °C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KO 4/14/12

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No ☐N/A	4. KO 4/14/12
Short Hold Time Analysis (<72hr):	☑Yes	☐No ☐N/A	5. TC's
Rush Turn Around Time Requested:	☐Yes	☑No ☐N/A	6.
Containers Intact:	☐Yes	☑No ☐N/A	7. GP-2 VOA 1 Broken
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes	☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	☐Yes	☑No ☐N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No ☑N/A	
Headspace in VOA Vials (>6mm):	☐Yes	☑No ☐N/A	10.
Trip Blank Present:	☐Yes	☑No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes	☐No ☑N/A	
Project Manager Review			
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	12.
Sufficient Volume:	☑Yes	☐No ☐N/A	13.
Correct Containers Used:	☑Yes	☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt **Date:** 4/14/12

Form F-IN-Q290-rev.04, 28Apr2011

Sample Container Count

CLIENT: Wrightman Petrie

COC PAGE 1 of 3

COC ID# _____

Project # 501485

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wrightman Petrie

COC PAGE 2 of 3

COC ID# _____

Project # 5016485

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	100ml Amber			Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8	3												2			1 broken
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wrightman Petric

COC PAGE 3 of 3

COC ID#

Project # 5061485

Pace Analytical
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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	100ml Amber			Comments
1	3												2			
2	3												2			
3	3												2			
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

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April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061485

Dear Mr. Phifer:
Enclosed are the analytical results for sample(s) received by the laboratory on April 14, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Hamilton Towing
Pace Project No.: 5061485

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Louisiana/NELAC Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-04991
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061485001	**GP-9 0-5**	Solid	04/12/12 13:58	04/14/12 10:37
5061485002	**GP-15 0-5**	Solid	04/12/12 11:56	04/14/12 10:37
5061485003	**GP-16 10-15**	Solid	04/12/12 13:37	04/14/12 10:37
5061485004	**GP-18 0-5**	Solid	04/12/12 12:22	04/14/12 10:37
5061485005	**GP-19 10-15**	Solid	04/12/12 15:12	04/14/12 10:37
5061485006	**GP-9 5-10**	Solid	04/12/12 14:02	04/14/12 10:37
5061485007	**GP-9 10-15**	Solid	04/12/12 14:04	04/14/12 10:37
5061485008	**GP-9 15-20**	Solid	04/12/12 14:07	04/14/12 10:37
5061485009	**GP-9 20-25**	Solid	04/12/12 14:12	04/14/12 10:37
5061485010	**GP-15 5-10**	Solid	04/12/12 12:00	04/14/12 10:37
5061485011	**GP-15 10-15**	Solid	04/12/12 12:01	04/14/12 10:37
5061485012	**GP-16 0-5**	Solid	04/12/12 13:30	04/14/12 10:37
5061485013	**GP-16 5-10**	Solid	04/12/12 13:30	04/14/12 10:37
5061485014	**GP-18 5-10**	Solid	04/12/12 12:26	04/14/12 10:37
5061485015	**GP-18 10-15**	Solid	04/12/12 12:30	04/14/12 10:37
5061485016	**GP-18 15-20**	Solid	04/12/12 12:35	04/14/12 10:37
5061485017	**GP-18 20-25**	Solid	04/12/12 12:41	04/14/12 10:37
5061485018	**GP-19 0-5**	Solid	04/12/12 15:01	04/14/12 10:37
5061485019	**GP-19 5-10**	Solid	04/12/12 15:06	04/14/12 10:37
5061485020	**GP-2**	Water	04/11/12 09:55	04/14/12 10:37
5061485021	**GP-4**	Water	04/11/12 11:30	04/14/12 10:37
5061485022	**GP-6**	Water	04/11/12 13:30	04/14/12 10:37
5061485023	**GP-8**	Water	04/11/12 14:45	04/14/12 10:37
5061485024	**GP-9**	Water	04/12/12 14:32	04/14/12 10:37
5061485025	**GP-11**	Water	04/12/12 09:21	04/14/12 10:37
5061485026	**GP-17**	Water	04/12/12 11:25	04/14/12 10:37
5061485027	**GP-18**	Water	04/12/12 13:00	04/14/12 10:37

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SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061485001	**GP-9 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485002	**GP-15 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485003	**GP-16 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485004	**GP-18 0-5**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485005	**GP-19 10-15**	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485006	**GP-9 5-10**	ASTM D2974-87	DAE	1
5061485007	**GP-9 10-15**	ASTM D2974-87	DAE	1
5061485008	**GP-9 15-20**	ASTM D2974-87	DAE	1
5061485009	**GP-9 20-25**	ASTM D2974-87	DAE	1
5061485010	**GP-15 5-10**	ASTM D2974-87	DAE	1
5061485011	**GP-15 10-15**	ASTM D2974-87	DAE	1
5061485012	**GP-16 0-5**	ASTM D2974-87	DAE	1
5061485013	**GP-16 5-10**	ASTM D2974-87	DAE	1
5061485014	**GP-18 5-10**	ASTM D2974-87	DAE	1
5061485015	**GP-18 10-15**	ASTM D2974-87	DAE	1
5061485016	**GP-18 15-20**	ASTM D2974-87	DAE	1
5061485017	**GP-18 20-25**	ASTM D2974-87	DAE	1
5061485018	**GP-19 0-5**	ASTM D2974-87	DAE	1
5061485019	**GP-19 5-10**	ASTM D2974-87	DAE	1
5061485020	**GP-2**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485021	**GP-4**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485022	**GP-6**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485023	**GP-8**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73

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SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061485024	**GP-9**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485025	**GP-11**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485026	**GP-17**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485027	**GP-18**	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 0-5 **Lab ID: 5061485001** Collected: 04/12/12 13:58 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	75	%.	46-109	1	04/16/12 11:20	04/18/12 05:36	321-60-8	
p-Terphenyl-d14 (S)	84	%.	43-107	1	04/16/12 11:20	04/18/12 05:36	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	89.6	1		04/17/12 01:42	67-64-1	
Acrolein	ND	ug/kg	89.6	1		04/17/12 01:42	107-02-8	
Acrylonitrile	ND	ug/kg	89.6	1		04/17/12 01:42	107-13-1	
Benzene	ND	ug/kg	4.5	1		04/17/12 01:42	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-27-4	
Bromoform	ND	ug/kg	4.5	1		04/17/12 01:42	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.4	1		04/17/12 01:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		04/17/12 01:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		04/17/12 01:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-00-3	
Chloroform	ND	ug/kg	4.5	1		04/17/12 01:42	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		04/17/12 01:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		04/17/12 01:42	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		04/17/12 01:42	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	89.6	1		04/17/12 01:42	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 0-5 **Lab ID: 5061485001** Collected: 04/12/12 13:58 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	100-41-4	
Ethyl methacrylate	ND	ug/kg	89.6	1		04/17/12 01:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		04/17/12 01:42	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		04/17/12 01:42	110-54-3	
2-Hexanone	ND	ug/kg	89.6	1		04/17/12 01:42	591-78-6	
Iodomethane	ND	ug/kg	89.6	1		04/17/12 01:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		04/17/12 01:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		04/17/12 01:42	99-87-6	
Methylene Chloride	ND	ug/kg	17.9	1		04/17/12 01:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	1		04/17/12 01:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		04/17/12 01:42	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		04/17/12 01:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	103-65-1	
Styrene	ND	ug/kg	4.5	1		04/17/12 01:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	127-18-4	
Toluene	ND	ug/kg	4.5	1		04/17/12 01:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-67-8	
Vinyl acetate	ND	ug/kg	89.6	1		04/17/12 01:42	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		04/17/12 01:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		04/17/12 01:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	71-125	1		04/17/12 01:42	1868-53-7	
Toluene-d8 (S)	102	%.	76-124	1		04/17/12 01:42	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	67-134	1		04/17/12 01:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.7**	%	0.10	1		04/16/12 17:41		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-15 0-5 **Lab ID: 5061485002** Collected: 04/12/12 11:56 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	46-109	1	04/16/12 11:20	04/18/12 05:54	321-60-8	
p-Terphenyl-d14 (S)	85	%.	43-107	1	04/16/12 11:20	04/18/12 05:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	87.1	1		04/17/12 02:16	67-64-1	
Acrolein	ND	ug/kg	87.1	1		04/17/12 02:16	107-02-8	
Acrylonitrile	ND	ug/kg	87.1	1		04/17/12 02:16	107-13-1	
Benzene	ND	ug/kg	4.4	1		04/17/12 02:16	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-27-4	
Bromoform	ND	ug/kg	4.4	1		04/17/12 02:16	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.8	1		04/17/12 02:16	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	98-06-6	
Carbon disulfide	ND	ug/kg	8.7	1		04/17/12 02:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		04/17/12 02:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-00-3	
Chloroform	ND	ug/kg	4.4	1		04/17/12 02:16	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		04/17/12 02:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		04/17/12 02:16	106-43-4	
Dibromochloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		04/17/12 02:16	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	87.1	1		04/17/12 02:16	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-15 0-5 **Lab ID: 5061485002** Collected: 04/12/12 11:56 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	100-41-4	
Ethyl methacrylate	ND	ug/kg	87.1	1		04/17/12 02:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		04/17/12 02:16	87-68-3	
n-Hexane	ND	ug/kg	4.4	1		04/17/12 02:16	110-54-3	
2-Hexanone	ND	ug/kg	87.1	1		04/17/12 02:16	591-78-6	
Iodomethane	ND	ug/kg	87.1	1		04/17/12 02:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		04/17/12 02:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		04/17/12 02:16	99-87-6	
Methylene Chloride	ND	ug/kg	17.4	1		04/17/12 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.8	1		04/17/12 02:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		04/17/12 02:16	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		04/17/12 02:16	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	103-65-1	
Styrene	ND	ug/kg	4.4	1		04/17/12 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	127-18-4	
Toluene	ND	ug/kg	4.4	1		04/17/12 02:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-67-8	
Vinyl acetate	ND	ug/kg	87.1	1		04/17/12 02:16	108-05-4	
Vinyl chloride	ND	ug/kg	4.4	1		04/17/12 02:16	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		04/17/12 02:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%.	71-125	1		04/17/12 02:16	1868-53-7	
Toluene-d8 (S)	103	%.	76-124	1		04/17/12 02:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	67-134	1		04/17/12 02:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.0**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-16 10-15 **Lab ID: 5061485003** Collected: 04/12/12 13:37 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	**9.8**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	56-55-3	
Benzo(a)pyrene	**12.7**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	50-32-8	
Benzo(b)fluoranthene	**12.3**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	205-99-2	
Benzo(k)fluoranthene	**13.4**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	207-08-9	
Chrysene	**10.2**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	218-01-9	
Dibenz(a,h)anthracene	**15.5**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	53-70-3	
Indeno(1,2,3-cd)pyrene	**15.4**	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	46-109	1	04/16/12 11:20	04/18/12 06:12	321-60-8	
p-Terphenyl-d14 (S)	82	%.	43-107	1	04/16/12 11:20	04/18/12 06:12	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	93.9	1		04/17/12 02:49	67-64-1	
Acrolein	ND	ug/kg	93.9	1		04/17/12 02:49	107-02-8	
Acrylonitrile	ND	ug/kg	93.9	1		04/17/12 02:49	107-13-1	
Benzene	ND	ug/kg	4.7	1		04/17/12 02:49	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-27-4	
Bromoform	ND	ug/kg	4.7	1		04/17/12 02:49	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.5	1		04/17/12 02:49	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	98-06-6	
Carbon disulfide	ND	ug/kg	9.4	1		04/17/12 02:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		04/17/12 02:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-00-3	
Chloroform	ND	ug/kg	4.7	1		04/17/12 02:49	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		04/17/12 02:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		04/17/12 02:49	106-43-4	
Dibromochloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		04/17/12 02:49	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	93.9	1		04/17/12 02:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-16 10-15 **Lab ID: 5061485003** Collected: 04/12/12 13:37 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	93.9	1		04/17/12 02:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		04/17/12 02:49	87-68-3	
n-Hexane	ND	ug/kg	4.7	1		04/17/12 02:49	110-54-3	
2-Hexanone	ND	ug/kg	93.9	1		04/17/12 02:49	591-78-6	
Iodomethane	ND	ug/kg	93.9	1		04/17/12 02:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		04/17/12 02:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		04/17/12 02:49	99-87-6	
Methylene Chloride	ND	ug/kg	18.8	1		04/17/12 02:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.5	1		04/17/12 02:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		04/17/12 02:49	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		04/17/12 02:49	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	103-65-1	
Styrene	ND	ug/kg	4.7	1		04/17/12 02:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	127-18-4	
Toluene	ND	ug/kg	4.7	1		04/17/12 02:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-67-8	
Vinyl acetate	ND	ug/kg	93.9	1		04/17/12 02:49	108-05-4	
Vinyl chloride	ND	ug/kg	4.7	1		04/17/12 02:49	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		04/17/12 02:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	71-125	1		04/17/12 02:49	1868-53-7	
Toluene-d8 (S)	102	%.	76-124	1		04/17/12 02:49	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	67-134	1		04/17/12 02:49	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.8**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 0-5 **Lab ID: 5061485004** Collected: 04/12/12 12:22 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	46-109	1	04/16/12 11:20	04/18/12 06:30	321-60-8	
p-Terphenyl-d14 (S)	88	%.	43-107	1	04/16/12 11:20	04/18/12 06:30	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	92.3	1		04/17/12 03:23	67-64-1	
Acrolein	ND	ug/kg	92.3	1		04/17/12 03:23	107-02-8	
Acrylonitrile	ND	ug/kg	92.3	1		04/17/12 03:23	107-13-1	
Benzene	ND	ug/kg	4.6	1		04/17/12 03:23	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-27-4	
Bromoform	ND	ug/kg	4.6	1		04/17/12 03:23	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.1	1		04/17/12 03:23	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		04/17/12 03:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		04/17/12 03:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-00-3	
Chloroform	ND	ug/kg	4.6	1		04/17/12 03:23	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 03:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 03:23	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		04/17/12 03:23	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	92.3	1		04/17/12 03:23	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 0-5 **Lab ID: 5061485004** Collected: 04/12/12 12:22 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	100-41-4	
Ethyl methacrylate	ND	ug/kg	92.3	1		04/17/12 03:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		04/17/12 03:23	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		04/17/12 03:23	110-54-3	
2-Hexanone	ND	ug/kg	92.3	1		04/17/12 03:23	591-78-6	
Iodomethane	ND	ug/kg	92.3	1		04/17/12 03:23	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		04/17/12 03:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		04/17/12 03:23	99-87-6	
Methylene Chloride	ND	ug/kg	18.5	1		04/17/12 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.1	1		04/17/12 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		04/17/12 03:23	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		04/17/12 03:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	103-65-1	
Styrene	ND	ug/kg	4.6	1		04/17/12 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	127-18-4	
Toluene	ND	ug/kg	4.6	1		04/17/12 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-67-8	
Vinyl acetate	ND	ug/kg	92.3	1		04/17/12 03:23	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		04/17/12 03:23	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		04/17/12 03:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	71-125	1		04/17/12 03:23	1868-53-7	
Toluene-d8 (S)	103	%.	76-124	1		04/17/12 03:23	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	67-134	1		04/17/12 03:23	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.1**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-19 10-15 **Lab ID: 5061485005** Collected: 04/12/12 15:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	82	%.	46-109	1	04/16/12 11:20	04/18/12 06:48	321-60-8	
p-Terphenyl-d14 (S)	92	%.	43-107	1	04/16/12 11:20	04/18/12 06:48	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	85.1	1		04/17/12 03:57	67-64-1	
Acrolein	ND	ug/kg	85.1	1		04/17/12 03:57	107-02-8	
Acrylonitrile	ND	ug/kg	85.1	1		04/17/12 03:57	107-13-1	
Benzene	ND	ug/kg	4.3	1		04/17/12 03:57	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-27-4	
Bromoform	ND	ug/kg	4.3	1		04/17/12 03:57	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.3	1		04/17/12 03:57	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	98-06-6	
Carbon disulfide	ND	ug/kg	8.5	1		04/17/12 03:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		04/17/12 03:57	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-00-3	
Chloroform	ND	ug/kg	4.3	1		04/17/12 03:57	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		04/17/12 03:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		04/17/12 03:57	106-43-4	
Dibromochloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		04/17/12 03:57	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	85.1	1		04/17/12 03:57	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-19 10-15 **Lab ID: 5061485005** Collected: 04/12/12 15:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	100-41-4	
Ethyl methacrylate	ND	ug/kg	85.1	1		04/17/12 03:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		04/17/12 03:57	87-68-3	
n-Hexane	ND	ug/kg	4.3	1		04/17/12 03:57	110-54-3	
2-Hexanone	ND	ug/kg	85.1	1		04/17/12 03:57	591-78-6	
Iodomethane	ND	ug/kg	85.1	1		04/17/12 03:57	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		04/17/12 03:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		04/17/12 03:57	99-87-6	
Methylene Chloride	ND	ug/kg	17.0	1		04/17/12 03:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.3	1		04/17/12 03:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		04/17/12 03:57	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		04/17/12 03:57	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	103-65-1	
Styrene	ND	ug/kg	4.3	1		04/17/12 03:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	127-18-4	
Toluene	ND	ug/kg	4.3	1		04/17/12 03:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-67-8	
Vinyl acetate	ND	ug/kg	85.1	1		04/17/12 03:57	108-05-4	
Vinyl chloride	ND	ug/kg	4.3	1		04/17/12 03:57	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		04/17/12 03:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	71-125	1		04/17/12 03:57	1868-53-7	
Toluene-d8 (S)	102	%.	76-124	1		04/17/12 03:57	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	67-134	1		04/17/12 03:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.9**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 5-10 **Lab ID: 5061485006** Collected: 04/12/12 14:02 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.3**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 10-15 **Lab ID: 5061485007** Collected: 04/12/12 14:04 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.5**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 15-20 **Lab ID: 5061485008** Collected: 04/12/12 14:07 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.2**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 20-25 **Lab ID: 5061485009** Collected: 04/12/12 14:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.9**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-15 5-10 **Lab ID: 5061485010** Collected: 04/12/12 12:00 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.3**	%	0.10	1		04/16/12 17:42		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-15 10-15 **Lab ID: 5061485011** Collected: 04/12/12 12:01 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.2**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-16 0-5 **Lab ID: 5061485012** Collected: 04/12/12 13:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.0**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-16 5-10 **Lab ID: 5061485013** Collected: 04/12/12 13:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.0**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 5-10 **Lab ID: 5061485014** Collected: 04/12/12 12:26 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.3**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 10-15 **Lab ID: 5061485015** Collected: 04/12/12 12:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.9**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 15-20 **Lab ID: 5061485016** Collected: 04/12/12 12:35 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.2**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 20-25 **Lab ID: 5061485017** Collected: 04/12/12 12:41 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.0**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-19 0-5 **Lab ID: 5061485018** Collected: 04/12/12 15:01 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.1**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-19 5-10 **Lab ID: 5061485019** Collected: 04/12/12 15:06 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.1**	%	0.10	1		04/16/12 17:43		

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-2 **Lab ID: 5061485020** Collected: 04/11/12 09:55 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 14:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 14:43	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 14:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	26-106	1	04/16/12 14:10	04/17/12 14:43	321-60-8	
p-Terphenyl-d14 (S)	77	%.	16-111	1	04/16/12 14:10	04/17/12 14:43	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 13:40	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 13:40	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 13:40	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 13:40	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 13:40	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 13:40	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 13:40	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 13:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 13:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 13:40	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 13:40	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 13:40	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 13:40	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 13:40	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 13:40	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 13:40	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 13:40	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 13:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 13:40	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 13:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 13:40	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 13:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 13:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 13:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 13:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 13:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 13:40	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-2 **Lab ID: 5061485020** Collected: 04/11/12 09:55 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 13:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 13:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 13:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 13:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 13:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 13:40	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 13:40	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 13:40	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 13:40	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 13:40	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 13:40	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 13:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 13:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 13:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 13:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 13:40	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 13:40	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 13:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 13:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 13:40	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 13:40	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 13:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 13:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 13:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 13:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 13:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 13:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 13:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 13:40	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 13:40	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 13:40	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 13:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	83-123	1		04/17/12 13:40	1868-53-7	
4-Bromofluorobenzene (S)	90	%.	72-125	1		04/17/12 13:40	460-00-4	
Toluene-d8 (S)	100	%.	81-114	1		04/17/12 13:40	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-4 **Lab ID: 5061485021** Collected: 04/11/12 11:30 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 15:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:01	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 15:01	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	26-106	1	04/16/12 14:10	04/17/12 15:01	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-111	1	04/16/12 14:10	04/17/12 15:01	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 06:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 06:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 06:13	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 06:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 06:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 06:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 06:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 06:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 06:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 06:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 06:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 06:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 06:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 06:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 06:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 06:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 06:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 06:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 06:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 06:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 06:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 06:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 06:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 06:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:13	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-4 **Lab ID: 5061485021** Collected: 04/11/12 11:30 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 06:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 06:13	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 06:13	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 06:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 06:13	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 06:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 06:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 06:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 06:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 06:13	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 06:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 06:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 06:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 06:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 06:13	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 06:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 06:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 06:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 06:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 06:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 06:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 06:13	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 06:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 06:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 06:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%.	83-123	1		04/17/12 06:13	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	72-125	1		04/17/12 06:13	460-00-4	
Toluene-d8 (S)	102	%.	81-114	1		04/17/12 06:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-6 **Lab ID: 5061485022** Collected: 04/11/12 13:30 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 15:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:19	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 15:19	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	26-106	1	04/16/12 14:10	04/17/12 15:19	321-60-8	
p-Terphenyl-d14 (S)	79	%.	16-111	1	04/16/12 14:10	04/17/12 15:19	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 06:47	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 06:47	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 06:47	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 06:47	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 06:47	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 06:47	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 06:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 06:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 06:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 06:47	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 06:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 06:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 06:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 06:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 06:47	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 06:47	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 06:47	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 06:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 06:47	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 06:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 06:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 06:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 06:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 06:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 06:47	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-6 **Lab ID: 5061485022** Collected: 04/11/12 13:30 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 06:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 06:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 06:47	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 06:47	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 06:47	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 06:47	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 06:47	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 06:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 06:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 06:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 06:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 06:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 06:47	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 06:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 06:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 06:47	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 06:47	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 06:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 06:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 06:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 06:47	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 06:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 06:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 06:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 06:47	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 06:47	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 06:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 06:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	83-123	1		04/17/12 06:47	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	72-125	1		04/17/12 06:47	460-00-4	
Toluene-d8 (S)	101	%.	81-114	1		04/17/12 06:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-8 **Lab ID: 5061485023** Collected: 04/11/12 14:45 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 15:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:36	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 15:36	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	84	%.	26-106	1	04/16/12 14:10	04/17/12 15:36	321-60-8	
p-Terphenyl-d14 (S)	86	%.	16-111	1	04/16/12 14:10	04/17/12 15:36	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 07:21	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 07:21	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 07:21	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 07:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 07:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 07:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 07:21	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 07:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 07:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 07:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 07:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 07:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 07:21	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 07:21	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 07:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 07:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 07:21	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 07:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 07:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 07:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 07:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 07:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 07:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:21	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-8 **Lab ID: 5061485023** Collected: 04/11/12 14:45 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 07:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 07:21	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 07:21	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 07:21	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 07:21	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 07:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 07:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 07:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 07:21	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 07:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 07:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 07:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 07:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 07:21	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 07:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 07:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 07:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 07:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 07:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 07:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 07:21	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 07:21	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 07:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 07:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	83-123	1		04/17/12 07:21	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	72-125	1		04/17/12 07:21	460-00-4	
Toluene-d8 (S)	99	%.	81-114	1		04/17/12 07:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 **Lab ID: 5061485024** Collected: 04/12/12 14:32 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 15:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 15:54	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 15:54	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	26-106	1	04/16/12 14:10	04/17/12 15:54	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-111	1	04/16/12 14:10	04/17/12 15:54	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 07:55	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 07:55	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 07:55	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 07:55	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 07:55	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 07:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 07:55	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 07:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 07:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 07:55	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 07:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 07:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 07:55	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 07:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 07:55	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 07:55	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 07:55	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 07:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 07:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 07:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 07:55	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 07:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 07:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 07:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 07:55	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-9 **Lab ID: 5061485024** Collected: 04/12/12 14:32 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 07:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 07:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 07:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 07:55	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 07:55	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 07:55	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 07:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 07:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 07:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 07:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 07:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 07:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 07:55	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 07:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 07:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 07:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 07:55	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 07:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 07:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 07:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 07:55	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 07:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 07:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 07:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 07:55	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 07:55	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 07:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 07:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	83-123	1		04/17/12 07:55	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	72-125	1		04/17/12 07:55	460-00-4	
Toluene-d8 (S)	98	%.	81-114	1		04/17/12 07:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-11 **Lab ID: 5061485025** Collected: 04/12/12 09:21 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 16:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:12	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 16:12	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76	%.	26-106	1	04/16/12 14:10	04/17/12 16:12	321-60-8	
p-Terphenyl-d14 (S)	74	%.	16-111	1	04/16/12 14:10	04/17/12 16:12	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 08:29	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 08:29	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 08:29	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 08:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 08:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 08:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 08:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 08:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 08:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 08:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 08:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 08:29	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 08:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 08:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 08:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 08:29	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 08:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 08:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 08:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 08:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 08:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 08:29	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-11 **Lab ID: 5061485025** Collected: 04/12/12 09:21 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 08:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 08:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 08:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 08:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 08:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 08:29	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 08:29	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 08:29	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 08:29	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 08:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 08:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 08:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 08:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 08:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 08:29	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 08:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 08:29	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 08:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 08:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 08:29	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 08:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 08:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 08:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%.	83-123	1		04/17/12 08:29	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	72-125	1		04/17/12 08:29	460-00-4	
Toluene-d8 (S)	100	%.	81-114	1		04/17/12 08:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-17 **Lab ID: 5061485026** Collected: 04/12/12 11:25 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 16:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:30	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 16:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	79	%.	26-106	1	04/16/12 14:10	04/17/12 16:30	321-60-8	
p-Terphenyl-d14 (S)	82	%.	16-111	1	04/16/12 14:10	04/17/12 16:30	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 09:04	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 09:04	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 09:04	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 09:04	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 09:04	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 09:04	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 09:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 09:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 09:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 09:04	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 09:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 09:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 09:04	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 09:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 09:04	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 09:04	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 09:04	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 09:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 09:04	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 09:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 09:04	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 09:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 09:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 09:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:04	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-17 **Lab ID: 5061485026** Collected: 04/12/12 11:25 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 09:04	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 09:04	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 09:04	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 09:04	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 09:04	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 09:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 09:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 09:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 09:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 09:04	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 09:04	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 09:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 09:04	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 09:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 09:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 09:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 09:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:04	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 09:04	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 09:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 09:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	83-123	1		04/17/12 09:04	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	72-125	1		04/17/12 09:04	460-00-4	
Toluene-d8 (S)	100	%.	81-114	1		04/17/12 09:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 **Lab ID: 5061485027** Collected: 04/12/12 13:00 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/16/12 14:10	04/17/12 16:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/16/12 14:10	04/17/12 16:48	193-39-5	
Naphthalene	ND	ug/L	1.0	1	04/16/12 14:10	04/17/12 16:48	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	81	%.	26-106	1	04/16/12 14:10	04/17/12 16:48	321-60-8	
p-Terphenyl-d14 (S)	84	%.	16-111	1	04/16/12 14:10	04/17/12 16:48	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/17/12 09:37	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/17/12 09:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/17/12 09:37	107-13-1	
Benzene	ND	ug/L	5.0	1		04/17/12 09:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/17/12 09:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/17/12 09:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/17/12 09:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/17/12 09:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/17/12 09:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/17/12 09:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/17/12 09:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/17/12 09:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/17/12 09:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/17/12 09:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/17/12 09:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 09:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/17/12 09:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/17/12 09:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/17/12 09:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/17/12 09:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/17/12 09:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/17/12 09:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/17/12 09:37	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-18 **Lab ID: 5061485027** Collected: 04/12/12 13:00 Received: 04/14/12 10:37 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 09:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 09:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 09:37	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 09:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 09:37	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 09:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 09:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 09:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 09:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 09:37	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 09:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 09:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 09:37	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 09:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 09:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 09:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 09:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 09:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 09:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	83-123	1		04/17/12 09:37	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	72-125	1		04/17/12 09:37	460-00-4	
Toluene-d8 (S)	100	%.	81-114	1		04/17/12 09:37	2037-26-5	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: MSV/41356 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

METHOD BLANK: 721334 Matrix: Water
Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,3-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
2,2-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
2-Butanone (MEK)	ug/L	ND	25.0	04/17/12 00:01	
2-Chlorotoluene	ug/L	ND	5.0	04/17/12 00:01	
2-Hexanone	ug/L	ND	25.0	04/17/12 00:01	
4-Chlorotoluene	ug/L	ND	5.0	04/17/12 00:01	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/17/12 00:01	
Acetone	ug/L	ND	100	04/17/12 00:01	
Acrolein	ug/L	ND	50.0	04/17/12 00:01	
Acrylonitrile	ug/L	ND	100	04/17/12 00:01	
Benzene	ug/L	ND	5.0	04/17/12 00:01	
Bromobenzene	ug/L	ND	5.0	04/17/12 00:01	
Bromochloromethane	ug/L	ND	5.0	04/17/12 00:01	
Bromodichloromethane	ug/L	ND	5.0	04/17/12 00:01	
Bromoform	ug/L	ND	5.0	04/17/12 00:01	
Bromomethane	ug/L	ND	5.0	04/17/12 00:01	
Carbon disulfide	ug/L	ND	10.0	04/17/12 00:01	
Carbon tetrachloride	ug/L	ND	5.0	04/17/12 00:01	
Chlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
Chloroethane	ug/L	ND	5.0	04/17/12 00:01	
Chloroform	ug/L	ND	5.0	04/17/12 00:01	
Chloromethane	ug/L	ND	5.0	04/17/12 00:01	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
Dibromochloromethane	ug/L	ND	5.0	04/17/12 00:01	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

METHOD BLANK: 721334 Matrix: Water

Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	04/17/12 00:01	
Dichlorodifluoromethane	ug/L	ND	5.0	04/17/12 00:01	
Ethyl methacrylate	ug/L	ND	100	04/17/12 00:01	
Ethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/17/12 00:01	
Iodomethane	ug/L	ND	10.0	04/17/12 00:01	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/17/12 00:01	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/17/12 00:01	
Methylene Chloride	ug/L	ND	5.0	04/17/12 00:01	
n-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
n-Hexane	ug/L	ND	5.0	04/17/12 00:01	N2
n-Propylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Naphthalene	ug/L	ND	5.0	04/17/12 00:01	
p-Isopropyltoluene	ug/L	ND	5.0	04/17/12 00:01	
sec-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Styrene	ug/L	ND	5.0	04/17/12 00:01	
tert-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Tetrachloroethene	ug/L	ND	5.0	04/17/12 00:01	
Toluene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/17/12 00:01	
Trichloroethene	ug/L	ND	5.0	04/17/12 00:01	
Trichlorofluoromethane	ug/L	ND	5.0	04/17/12 00:01	
Vinyl acetate	ug/L	ND	50.0	04/17/12 00:01	
Vinyl chloride	ug/L	ND	2.0	04/17/12 00:01	
Xylene (Total)	ug/L	ND	10.0	04/17/12 00:01	
4-Bromofluorobenzene (S)	%.	95	72-125	04/17/12 00:01	
Dibromofluoromethane (S)	%.	102	83-123	04/17/12 00:01	
Toluene-d8 (S)	%.	101	81-114	04/17/12 00:01	

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.2	88	69-122	
1,1,1-Trichloroethane	ug/L	50	45.9	92	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	68-134	
1,1,2-Trichloroethane	ug/L	50	46.0	92	77-129	
1,1-Dichloroethane	ug/L	50	33.3	67	70-127	L0
1,1-Dichloroethene	ug/L	50	49.3	99	75-145	
1,1-Dichloropropene	ug/L	50	45.8	92	75-126	
1,2,3-Trichlorobenzene	ug/L	50	52.3	105	63-130	
1,2,3-Trichloropropane	ug/L	50	78.8	158	45-121	L3
1,2,4-Trichlorobenzene	ug/L	50	47.5	95	64-122	
1,2,4-Trimethylbenzene	ug/L	50	52.4	105	68-129	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	77-123	
1,2-Dichlorobenzene	ug/L	50	52.1	104	74-123	
1,2-Dichloroethane	ug/L	50	48.7	97	71-127	
1,2-Dichloropropane	ug/L	50	44.9	90	75-126	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	69-129	
1,3-Dichlorobenzene	ug/L	50	49.9	100	76-123	
1,3-Dichloropropane	ug/L	50	45.2	90	77-126	
1,4-Dichlorobenzene	ug/L	50	49.8	100	77-121	
2,2-Dichloropropane	ug/L	50	40.2	80	45-138	
2-Butanone (MEK)	ug/L	250	233	93	42-177	
2-Chlorotoluene	ug/L	50	50.2	100	74-129	
2-Hexanone	ug/L	250	266	106	57-162	
4-Chlorotoluene	ug/L	50	49.4	99	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	261	104	64-135	
Acetone	ug/L	250	243	97	10-200	
Acrolein	ug/L	1000	1120	112	10-200	
Acrylonitrile	ug/L	1000	919	92	59-144	
Benzene	ug/L	50	46.8	94	76-123	
Bromobenzene	ug/L	50	39.3	79	67-130	
Bromochloromethane	ug/L	50	37.6	75	58-153	
Bromodichloromethane	ug/L	50	46.7	93	71-124	
Bromoform	ug/L	50	34.7	69	64-116	
Bromomethane	ug/L	50	55.3	111	23-197	
Carbon disulfide	ug/L	100	105	105	55-146	
Carbon tetrachloride	ug/L	50	44.2	88	65-125	
Chlorobenzene	ug/L	50	53.3	107	78-120	
Chloroethane	ug/L	50	46.4	93	56-163	
Chloroform	ug/L	50	46.9	94	73-122	
Chloromethane	ug/L	50	41.3	83	46-146	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	79-129	
cis-1,3-Dichloropropene	ug/L	50	44.6	89	66-123	
Dibromochloromethane	ug/L	50	41.5	83	70-123	
Dibromomethane	ug/L	50	50.7	101	73-123	
Dichlorodifluoromethane	ug/L	50	47.7	95	19-200	
Ethyl methacrylate	ug/L	200	172	86	70-127	
Ethylbenzene	ug/L	50	44.2	88	75-120	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	64-131	
Iodomethane	ug/L	100	102	102	16-181	
Isopropylbenzene (Cumene)	ug/L	50	42.7	85	73-123	
Methyl-tert-butyl ether	ug/L	100	93.5	94	66-128	
Methylene Chloride	ug/L	50	45.2	90	61-138	
n-Butylbenzene	ug/L	50	49.9	100	69-130	
n-Hexane	ug/L	50	41.3	83	67-142	N2
n-Propylbenzene	ug/L	50	52.8	106	71-132	
Naphthalene	ug/L	50	52.6	105	62-130	
p-Isopropyltoluene	ug/L	50	52.4	105	71-126	
sec-Butylbenzene	ug/L	50	46.5	93	69-130	
Styrene	ug/L	50	43.4	87	75-125	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	42.1	84	49-114	
Tetrachloroethene	ug/L	50	56.2	112	57-125	
Toluene	ug/L	50	49.1	98	72-124	
trans-1,2-Dichloroethene	ug/L	50	47.8	96	71-145	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	181	90	50-121	
Trichloroethene	ug/L	50	49.9	100	77-122	
Trichlorofluoromethane	ug/L	50	49.8	100	56-159	
Vinyl acetate	ug/L	200	138	69	27-119	
Vinyl chloride	ug/L	50	43.0	86	61-146	
Xylene (Total)	ug/L	150	148	99	72-126	
4-Bromofluorobenzene (S)	%.			92	72-125	
Dibromofluoromethane (S)	%.			101	83-123	
Toluene-d8 (S)	%.			100	81-114	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: MSV/41384
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 5061485020

METHOD BLANK: 721620
Matrix: Water
Associated Lab Samples: 5061485020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,3-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
2,2-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
2-Butanone (MEK)	ug/L	ND	25.0	04/17/12 13:07	
2-Chlorotoluene	ug/L	ND	5.0	04/17/12 13:07	
2-Hexanone	ug/L	ND	25.0	04/17/12 13:07	
4-Chlorotoluene	ug/L	ND	5.0	04/17/12 13:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/17/12 13:07	
Acetone	ug/L	ND	100	04/17/12 13:07	
Acrolein	ug/L	ND	50.0	04/17/12 13:07	
Acrylonitrile	ug/L	ND	100	04/17/12 13:07	
Benzene	ug/L	ND	5.0	04/17/12 13:07	
Bromobenzene	ug/L	ND	5.0	04/17/12 13:07	
Bromochloromethane	ug/L	ND	5.0	04/17/12 13:07	
Bromodichloromethane	ug/L	ND	5.0	04/17/12 13:07	
Bromoform	ug/L	ND	5.0	04/17/12 13:07	
Bromomethane	ug/L	ND	5.0	04/17/12 13:07	
Carbon disulfide	ug/L	ND	10.0	04/17/12 13:07	
Carbon tetrachloride	ug/L	ND	5.0	04/17/12 13:07	
Chlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
Chloroethane	ug/L	ND	5.0	04/17/12 13:07	
Chloroform	ug/L	ND	5.0	04/17/12 13:07	
Chloromethane	ug/L	ND	5.0	04/17/12 13:07	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
Dibromochloromethane	ug/L	ND	5.0	04/17/12 13:07	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

METHOD BLANK: 721620 Matrix: Water

Associated Lab Samples: 5061485020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	04/17/12 13:07	
Dichlorodifluoromethane	ug/L	ND	5.0	04/17/12 13:07	
Ethyl methacrylate	ug/L	ND	100	04/17/12 13:07	
Ethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/17/12 13:07	
Iodomethane	ug/L	ND	10.0	04/17/12 13:07	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/17/12 13:07	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/17/12 13:07	
Methylene Chloride	ug/L	ND	5.0	04/17/12 13:07	
n-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
n-Hexane	ug/L	ND	5.0	04/17/12 13:07	N2
n-Propylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Naphthalene	ug/L	ND	5.0	04/17/12 13:07	
p-Isopropyltoluene	ug/L	ND	5.0	04/17/12 13:07	
sec-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Styrene	ug/L	ND	5.0	04/17/12 13:07	
tert-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Tetrachloroethene	ug/L	ND	5.0	04/17/12 13:07	
Toluene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/17/12 13:07	
Trichloroethene	ug/L	ND	5.0	04/17/12 13:07	
Trichlorofluoromethane	ug/L	ND	5.0	04/17/12 13:07	
Vinyl acetate	ug/L	ND	50.0	04/17/12 13:07	
Vinyl chloride	ug/L	ND	2.0	04/17/12 13:07	
Xylene (Total)	ug/L	ND	10.0	04/17/12 13:07	
4-Bromofluorobenzene (S)	%.	98	72-125	04/17/12 13:07	
Dibromofluoromethane (S)	%.	105	83-123	04/17/12 13:07	
Toluene-d8 (S)	%.	100	81-114	04/17/12 13:07	

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.7	91	69-122	
1,1,1-Trichloroethane	ug/L	50	47.6	95	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	68-134	
1,1,2-Trichloroethane	ug/L	50	46.2	92	77-129	
1,1-Dichloroethane	ug/L	50	36.1	72	70-127	
1,1-Dichloroethene	ug/L	50	52.8	106	75-145	
1,1-Dichloropropene	ug/L	50	47.3	95	75-126	
1,2,3-Trichlorobenzene	ug/L	50	52.0	104	63-130	
1,2,3-Trichloropropane	ug/L	50	74.4	149	45-121	L3
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	64-122	
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	68-129	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.5	97	77-123	
1,2-Dichlorobenzene	ug/L	50	52.0	104	74-123	
1,2-Dichloroethane	ug/L	50	51.0	102	71-127	
1,2-Dichloropropane	ug/L	50	46.3	93	75-126	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	69-129	
1,3-Dichlorobenzene	ug/L	50	51.2	102	76-123	
1,3-Dichloropropane	ug/L	50	46.8	94	77-126	
1,4-Dichlorobenzene	ug/L	50	50.5	101	77-121	
2,2-Dichloropropane	ug/L	50	41.8	84	45-138	
2-Butanone (MEK)	ug/L	250	240	96	42-177	
2-Chlorotoluene	ug/L	50	49.7	99	74-129	
2-Hexanone	ug/L	250	268	107	57-162	
4-Chlorotoluene	ug/L	50	51.3	103	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	254	102	64-135	
Acetone	ug/L	250	254	102	10-200	
Acrolein	ug/L	1000	1180	118	10-200	
Acrylonitrile	ug/L	1000	949	95	59-144	
Benzene	ug/L	50	48.2	96	76-123	
Bromobenzene	ug/L	50	48.5	97	67-130	
Bromochloromethane	ug/L	50	39.1	78	58-153	
Bromodichloromethane	ug/L	50	47.7	95	71-124	
Bromoform	ug/L	50	34.8	70	64-116	
Bromomethane	ug/L	50	58.3	117	23-197	
Carbon disulfide	ug/L	100	113	113	55-146	
Carbon tetrachloride	ug/L	50	47.0	94	65-125	
Chlorobenzene	ug/L	50	57.3	115	78-120	
Chloroethane	ug/L	50	47.8	96	56-163	
Chloroform	ug/L	50	49.3	99	73-122	
Chloromethane	ug/L	50	45.4	91	46-146	
cis-1,2-Dichloroethene	ug/L	50	48.8	98	79-129	
cis-1,3-Dichloropropene	ug/L	50	44.1	88	66-123	
Dibromochloromethane	ug/L	50	40.6	81	70-123	
Dibromomethane	ug/L	50	53.2	106	73-123	
Dichlorodifluoromethane	ug/L	50	49.9	100	19-200	
Ethyl methacrylate	ug/L	200	173	86	70-127	
Ethylbenzene	ug/L	50	46.2	92	75-120	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	64-131	
Iodomethane	ug/L	100	112	112	16-181	
Isopropylbenzene (Cumene)	ug/L	50	44.9	90	73-123	
Methyl-tert-butyl ether	ug/L	100	94.2	94	66-128	
Methylene Chloride	ug/L	50	49.1	98	61-138	
n-Butylbenzene	ug/L	50	53.0	106	69-130	
n-Hexane	ug/L	50	44.2	88	67-142	N2
n-Propylbenzene	ug/L	50	53.3	107	71-132	
Naphthalene	ug/L	50	51.2	102	62-130	
p-Isopropyltoluene	ug/L	50	53.1	106	71-126	
sec-Butylbenzene	ug/L	50	46.2	92	69-130	
Styrene	ug/L	50	45.5	91	75-125	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	41.8	84	49-114	
Tetrachloroethene	ug/L	50	59.6	119	57-125	
Toluene	ug/L	50	51.3	103	72-124	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	71-145	
trans-1,3-Dichloropropene	ug/L	50	41.2	82	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	176	88	50-121	
Trichloroethene	ug/L	50	53.2	106	77-122	
Trichlorofluoromethane	ug/L	50	53.7	107	56-159	
Vinyl acetate	ug/L	200	146	73	27-119	
Vinyl chloride	ug/L	50	46.3	93	61-146	
Xylene (Total)	ug/L	150	155	103	72-126	
4-Bromofluorobenzene (S)	%.			91	72-125	
Dibromofluoromethane (S)	%.			99	83-123	
Toluene-d8 (S)	%.			97	81-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 721622 721623

Parameter	Units	5061485020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	49.7	46.7	99	93	30-122	6	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	50.6	47.5	101	95	37-136	6	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	60.6	56.1	121	112	47-132	8	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	48.4	47.3	97	95	53-131	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	40.9	42.4	82	85	47-138	4	20	
1,1-Dichloroethene	ug/L	ND	50	50	52.3	48.1	105	96	54-152	8	20	
1,1-Dichloropropene	ug/L	ND	50	50	50.9	47.1	102	94	47-136	8	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	61.4	56.4	123	113	15-132	9	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	83.1	77.4	166	155	24-108	7	20	M0
1,2,4-Trichlorobenzene	ug/L	ND	50	50	59.8	54.4	120	109	10-130	10	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	60.8	56.1	122	112	10-141	8	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	51.4	47.8	103	96	49-130	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	59.7	54.6	119	109	20-137	9	20	
1,2-Dichloroethane	ug/L	ND	50	50	54.4	49.7	109	99	42-139	9	20	
1,2-Dichloropropane	ug/L	ND	50	50	48.6	46.4	97	93	50-131	5	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	58.7	53.9	117	108	10-145	9	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	59.1	53.9	118	108	13-143	9	20	
1,3-Dichloropropane	ug/L	ND	50	50	49.4	47.5	99	95	53-130	4	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	57.9	53.0	116	106	13-140	9	20	
2,2-Dichloropropane	ug/L	ND	50	50	44.8	41.7	90	83	13-142	7	20	
2-Butanone (MEK)	ug/L	ND	250	250	263	248	105	99	43-142	6	20	
2-Chlorotoluene	ug/L	ND	50	50	57.3	53.3	115	107	15-145	7	20	
2-Hexanone	ug/L	ND	250	250	279	253	112	101	46-139	10	20	
4-Chlorotoluene	ug/L	ND	50	50	58.9	54.3	118	109	12-143	8	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	269	253	108	101	43-140	6	20	
Acetone	ug/L	ND	250	250	267	240	107	96	38-155	11	20	
Acrolein	ug/L	ND	1000	1000	1180	1130	118	113	11-200	5	20	
Acrylonitrile	ug/L	ND	1000	1000	978	917	98	92	42-150	6	20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 721622 721623

Parameter	Units	5061485020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	51.3	47.7	103	95	52-134	7	20	
Bromobenzene	ug/L	ND	50	50	44.2	40.4	88	81	25-140	9	20	
Bromochloromethane	ug/L	ND	50	50	41.4	41.4	83	83	54-144	.1	20	
Bromodichloromethane	ug/L	ND	50	50	51.3	47.6	103	95	42-128	8	20	
Bromoform	ug/L	ND	50	50	37.3	33.7	75	67	34-116	10	20	
Bromomethane	ug/L	ND	50	50	60.3	63.3	121	127	10-200	5	20	
Carbon disulfide	ug/L	ND	100	100	118	110	118	110	43-144	7	20	
Carbon tetrachloride	ug/L	ND	50	50	48.3	46.4	97	93	26-136	4	20	
Chlorobenzene	ug/L	ND	50	50	61.6	57.9	123	116	33-136	6	20	
Chloroethane	ug/L	ND	50	50	49.5	49.4	99	99	21-200	.2	20	
Chloroform	ug/L	ND	50	50	51.9	48.7	104	97	50-134	6	20	
Chloromethane	ug/L	ND	50	50	45.7	42.5	91	85	32-160	7	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	52.5	50.3	105	101	48-145	4	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	47.9	44.0	96	88	35-116	8	20	
Dibromochloromethane	ug/L	ND	50	50	44.4	39.2	89	78	39-122	13	20	
Dibromomethane	ug/L	ND	50	50	56.1	51.6	112	103	49-134	8	20	
Dichlorodifluoromethane	ug/L	ND	50	50	49.9	46.6	100	93	35-200	7	20	
Ethyl methacrylate	ug/L	ND	200	200	184	172	92	86	54-123	7	20	
Ethylbenzene	ug/L	ND	50	50	50.1	46.3	100	92	29-132	8	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	55.4	49.1	111	98	10-146	12	20	
Iodomethane	ug/L	ND	100	100	109	110	109	110	10-171	1	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	48.8	45.9	98	92	11-146	6	20	
Methyl-tert-butyl ether	ug/L	ND	100	100	99.3	93.2	99	93	39-137	6	20	
Methylene Chloride	ug/L	ND	50	50	51.2	48.0	102	96	47-141	6	20	
n-Butylbenzene	ug/L	ND	50	50	60.7	55.0	121	110	10-156	10	20	
n-Hexane	ug/L	ND	50	50	46.1	44.2	92	88	51-137	4	20	N2
n-Propylbenzene	ug/L	ND	50	50	60.9	56.2	122	112	10-148	8	20	
Naphthalene	ug/L	ND	50	50	57.2	52.6	114	105	40-124	9	20	
p-Isopropyltoluene	ug/L	ND	50	50	61.9	56.0	124	112	10-150	10	20	
sec-Butylbenzene	ug/L	ND	50	50	52.8	48.4	106	97	10-150	9	20	
Styrene	ug/L	ND	50	50	48.9	45.1	98	90	20-143	8	20	
tert-Butylbenzene	ug/L	ND	50	50	48.2	44.9	96	90	10-123	7	20	
Tetrachloroethene	ug/L	ND	50	50	65.5	59.2	131	118	30-124	10	20	M0
Toluene	ug/L	ND	50	50	56.5	53.1	113	106	42-130	6	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	50.5	50.0	101	100	48-144	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	43.2	42.2	86	84	24-114	3	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	199	177	100	88	22-120	12	20	
Trichloroethene	ug/L	ND	50	50	56.4	52.5	113	105	44-130	7	20	
Trichlorofluoromethane	ug/L	ND	50	50	56.6	53.0	112	105	17-200	7	20	
Vinyl acetate	ug/L	ND	200	200	157	158	78	79	10-115	1	20	
Vinyl chloride	ug/L	ND	50	50	47.6	44.1	95	88	45-159	8	20	
Xylene (Total)	ug/L	ND	150	150	170	157	114	105	29-131	8	20	
4-Bromofluorobenzene (S)	%.						90	89	72-125		20	
Dibromofluoromethane (S)	%.						99	104	83-123		20	
Toluene-d8 (S)	%.						97	96	81-114		20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: MSV/41355 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

METHOD BLANK: 721332 Matrix: Solid
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,3-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
2,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
2-Butanone (MEK)	ug/kg	ND	25.0	04/17/12 01:08	
2-Chlorotoluene	ug/kg	ND	5.0	04/17/12 01:08	
2-Hexanone	ug/kg	ND	100	04/17/12 01:08	
4-Chlorotoluene	ug/kg	ND	5.0	04/17/12 01:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/17/12 01:08	
Acetone	ug/kg	ND	100	04/17/12 01:08	
Acrolein	ug/kg	ND	100	04/17/12 01:08	
Acrylonitrile	ug/kg	ND	100	04/17/12 01:08	
Benzene	ug/kg	ND	5.0	04/17/12 01:08	
Bromobenzene	ug/kg	ND	5.0	04/17/12 01:08	
Bromochloromethane	ug/kg	ND	5.0	04/17/12 01:08	
Bromodichloromethane	ug/kg	ND	5.0	04/17/12 01:08	
Bromoform	ug/kg	ND	5.0	04/17/12 01:08	
Bromomethane	ug/kg	ND	5.0	04/17/12 01:08	
Carbon disulfide	ug/kg	ND	10.0	04/17/12 01:08	
Carbon tetrachloride	ug/kg	ND	5.0	04/17/12 01:08	
Chlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
Chloroethane	ug/kg	ND	5.0	04/17/12 01:08	
Chloroform	ug/kg	ND	5.0	04/17/12 01:08	
Chloromethane	ug/kg	ND	5.0	04/17/12 01:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
Dibromochloromethane	ug/kg	ND	5.0	04/17/12 01:08	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

METHOD BLANK: 721332 Matrix: Solid

Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/17/12 01:08	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/17/12 01:08	
Ethyl methacrylate	ug/kg	ND	100	04/17/12 01:08	
Ethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/17/12 01:08	
Iodomethane	ug/kg	ND	100	04/17/12 01:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/17/12 01:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/17/12 01:08	
Methylene Chloride	ug/kg	ND	20.0	04/17/12 01:08	
n-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
n-Hexane	ug/kg	ND	5.0	04/17/12 01:08	
n-Propylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Naphthalene	ug/kg	ND	5.0	04/17/12 01:08	
p-Isopropyltoluene	ug/kg	ND	5.0	04/17/12 01:08	
sec-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Styrene	ug/kg	ND	5.0	04/17/12 01:08	
tert-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Tetrachloroethene	ug/kg	ND	5.0	04/17/12 01:08	
Toluene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/17/12 01:08	
Trichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
Trichlorofluoromethane	ug/kg	ND	5.0	04/17/12 01:08	
Vinyl acetate	ug/kg	ND	100	04/17/12 01:08	
Vinyl chloride	ug/kg	ND	5.0	04/17/12 01:08	
Xylene (Total)	ug/kg	ND	10.0	04/17/12 01:08	
4-Bromofluorobenzene (S)	%.	95	67-134	04/17/12 01:08	
Dibromofluoromethane (S)	%.	105	71-125	04/17/12 01:08	
Toluene-d8 (S)	%.	102	76-124	04/17/12 01:08	

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	45.7	91	68-125	
1,1,1-Trichloroethane	ug/kg	50	48.2	96	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.4	113	73-123	
1,1,2-Trichloroethane	ug/kg	50	47.8	96	70-124	
1,1-Dichloroethane	ug/kg	50	43.8	88	63-122	
1,1-Dichloroethene	ug/kg	50	50.9	102	71-129	
1,1-Dichloropropene	ug/kg	50	46.6	93	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	52.0	104	68-123	
1,2,3-Trichloropropane	ug/kg	50	77.4	155	47-117	L3
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	51.4	103	69-120	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	49.3	99	67-121	
1,2-Dichlorobenzene	ug/kg	50	50.8	102	71-121	
1,2-Dichloroethane	ug/kg	50	52.6	105	74-120	
1,2-Dichloropropane	ug/kg	50	46.0	92	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	49.3	99	64-119	
1,3-Dichlorobenzene	ug/kg	50	49.4	99	70-122	
1,3-Dichloropropane	ug/kg	50	46.1	92	68-118	
1,4-Dichlorobenzene	ug/kg	50	47.9	96	71-118	
2,2-Dichloropropane	ug/kg	50	42.3	85	62-119	
2-Butanone (MEK)	ug/kg	250	248	99	38-154	
2-Chlorotoluene	ug/kg	50	49.1	98	71-120	
2-Hexanone	ug/kg	250	281	112	50-134	
4-Chlorotoluene	ug/kg	50	48.5	97	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	273	109	66-122	
Acetone	ug/kg	250	252	101	10-200	
Acrolein	ug/kg	1000	1180	118	11-200	
Acrylonitrile	ug/kg	1000	933	93	66-120	
Benzene	ug/kg	50	48.7	97	73-115	
Bromobenzene	ug/kg	50	49.3	99	64-130	
Bromochloromethane	ug/kg	50	40.6	81	71-127	
Bromodichloromethane	ug/kg	50	47.7	95	60-121	
Bromoform	ug/kg	50	34.7	69	44-130	
Bromomethane	ug/kg	50	57.9	116	48-175	
Carbon disulfide	ug/kg	100	108	108	71-126	
Carbon tetrachloride	ug/kg	50	44.2	88	57-127	
Chlorobenzene	ug/kg	50	56.7	113	72-121	
Chloroethane	ug/kg	50	48.2	96	72-141	
Chloroform	ug/kg	50	48.4	97	74-114	
Chloromethane	ug/kg	50	43.4	87	51-126	
cis-1,2-Dichloroethene	ug/kg	50	50.7	101	72-115	
cis-1,3-Dichloropropene	ug/kg	50	44.9	90	64-115	
Dibromochloromethane	ug/kg	50	41.2	82	58-114	
Dibromomethane	ug/kg	50	52.3	105	73-120	
Dichlorodifluoromethane	ug/kg	50	50.6	101	32-167	
Ethyl methacrylate	ug/kg	200	180	90	65-117	
Ethylbenzene	ug/kg	50	44.4	89	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	45.7	91	65-121	
Iodomethane	ug/kg	100	102	102	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	44.2	88	74-123	
Methyl-tert-butyl ether	ug/kg	100	93.3	93	69-123	
Methylene Chloride	ug/kg	50	46.3	93	58-124	
n-Butylbenzene	ug/kg	50	49.6	99	71-118	
n-Hexane	ug/kg	50	41.7	83	50-106	
n-Propylbenzene	ug/kg	50	52.2	104	70-120	
Naphthalene	ug/kg	50	52.1	104	67-124	
p-Isopropyltoluene	ug/kg	50	51.9	104	71-123	
sec-Butylbenzene	ug/kg	50	45.5	91	66-122	
Styrene	ug/kg	50	44.5	89	75-118	

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7726 Moller Road
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(317)875-5894

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	42.1	84	54-124	
Tetrachloroethene	ug/kg	50	56.7	113	66-126	
Toluene	ug/kg	50	51.1	102	69-115	
trans-1,2-Dichloroethene	ug/kg	50	46.8	94	69-120	
trans-1,3-Dichloropropene	ug/kg	50	41.7	83	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	185	92	59-130	
Trichloroethene	ug/kg	50	52.0	104	71-117	
Trichlorofluoromethane	ug/kg	50	51.6	103	67-138	
Vinyl acetate	ug/kg	200	183	92	35-134	
Vinyl chloride	ug/kg	50	45.1	90	64-127	
Xylene (Total)	ug/kg	150	153	102	69-117	
4-Bromofluorobenzene (S)	%.			93	67-134	
Dibromofluoromethane (S)	%.			105	71-125	
Toluene-d8 (S)	%.			97	76-124	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: OEXT/29343 Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 5061485020, 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

METHOD BLANK: 720960 Matrix: Water
Associated Lab Samples: 5061485020, 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(a)pyrene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/17/12 13:49	
Chrysene	ug/L	ND	0.50	04/17/12 13:49	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/17/12 13:49	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/17/12 13:49	
Naphthalene	ug/L	ND	1.0	04/17/12 13:49	
2-Fluorobiphenyl (S)	%.	78	26-106	04/17/12 13:49	
p-Terphenyl-d14 (S)	%.	92	16-111	04/17/12 13:49	

LABORATORY CONTROL SAMPLE: 720961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	8.4	84	51-119	
Benzo(a)pyrene	ug/L	10	8.8	88	52-124	
Benzo(b)fluoranthene	ug/L	10	9.3	93	51-122	
Benzo(k)fluoranthene	ug/L	10	8.4	84	53-123	
Chrysene	ug/L	10	8.3	83	54-118	
Dibenz(a,h)anthracene	ug/L	10	6.8	68	49-114	
Indeno(1,2,3-cd)pyrene	ug/L	10	7.1	71	49-114	
Naphthalene	ug/L	10	6.5	65	27-103	
2-Fluorobiphenyl (S)	%.			66	26-106	
p-Terphenyl-d14 (S)	%.			76	16-111	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: OEXT/29344 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

METHOD BLANK: 720968 Matrix: Solid
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(a)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Chrysene	ug/kg	ND	5.0	04/18/12 02:53	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Naphthalene	ug/kg	ND	5.0	04/18/12 02:53	
2-Fluorobiphenyl (S)	%.	80	46-109	04/18/12 02:53	
p-Terphenyl-d14 (S)	%.	90	43-107	04/18/12 02:53	

LABORATORY CONTROL SAMPLE: 720969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	296	89	52-122	
Benzo(a)pyrene	ug/kg	333	304	91	56-131	
Benzo(b)fluoranthene	ug/kg	333	302	91	54-125	
Benzo(k)fluoranthene	ug/kg	333	288	86	55-128	
Chrysene	ug/kg	333	296	89	56-118	
Dibenz(a,h)anthracene	ug/kg	333	296	89	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	296	89	56-124	
Naphthalene	ug/kg	333	235	70	52-112	
2-Fluorobiphenyl (S)	%.			83	46-109	
p-Terphenyl-d14 (S)	%.			97	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 720970 720971

Parameter	Units	5061483009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	258	364	364	420	345	45	24	36-105	20	20	M0
Benzo(a)pyrene	ug/kg	313	364	364	437	353	34	11	34-113	21	20	M0,R1
Benzo(b)fluoranthene	ug/kg	333	364	364	453	373	33	11	33-111	19	20	M0
Benzo(k)fluoranthene	ug/kg	248	364	364	397	334	41	23	31-116	17	20	M0
Chrysene	ug/kg	320	364	364	444	364	34	12	34-109	20	20	M0
Dibenz(a,h)anthracene	ug/kg	114	364	364	237	212	34	27	32-111	11	20	M0
Indeno(1,2,3-cd)pyrene	ug/kg	240	364	364	352	294	31	15	27-113	18	20	M0
Naphthalene	ug/kg	ND	364	364	163	160	36	35	45-106	2	20	1d,M0
2-Fluorobiphenyl (S)	%.						40	42	46-109		20	S4
p-Terphenyl-d14 (S)	%.						46	43	43-107		20	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: PMST/6954
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005, 5061485006, 5061485007, 5061485008, 5061485009, 5061485010, 5061485011, 5061485012, 5061485013, 5061485014, 5061485015, 5061485016, 5061485017, 5061485018, 5061485019

SAMPLE DUPLICATE: 721284

Parameter	Units	5061485001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.7	11.2	4	5	

SAMPLE DUPLICATE: 721285

Parameter	Units	5061485019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.1	4.3	4	5	

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QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061485

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	The sample was analyzed at dilution due to its physical characteristics. 4-19-12 RRB
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
N2	The lab does not hold TNI accreditation for this parameter.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061485020	**GP-2**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485021	**GP-4**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485022	**GP-6**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485023	**GP-8**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485024	**GP-9**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485025	**GP-11**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485026	**GP-17**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485027	**GP-18**	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485001	**GP-9 0-5**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485002	**GP-15 0-5**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485003	**GP-16 10-15**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485004	**GP-18 0-5**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485005	**GP-19 10-15**	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485020	**GP-2**	EPA 8260	MSV/41384		
5061485021	**GP-4**	EPA 8260	MSV/41356		
5061485022	**GP-6**	EPA 8260	MSV/41356		
5061485023	**GP-8**	EPA 8260	MSV/41356		
5061485024	**GP-9**	EPA 8260	MSV/41356		
5061485025	**GP-11**	EPA 8260	MSV/41356		
5061485026	**GP-17**	EPA 8260	MSV/41356		
5061485027	**GP-18**	EPA 8260	MSV/41356		
5061485001	**GP-9 0-5**	EPA 8260	MSV/41355		
5061485002	**GP-15 0-5**	EPA 8260	MSV/41355		
5061485003	**GP-16 10-15**	EPA 8260	MSV/41355		
5061485004	**GP-18 0-5**	EPA 8260	MSV/41355		
5061485005	**GP-19 10-15**	EPA 8260	MSV/41355		
5061485001	**GP-9 0-5**	ASTM D2974-87	PMST/6954		
5061485002	**GP-15 0-5**	ASTM D2974-87	PMST/6954		
5061485003	**GP-16 10-15**	ASTM D2974-87	PMST/6954		
5061485004	**GP-18 0-5**	ASTM D2974-87	PMST/6954		
5061485005	**GP-19 10-15**	ASTM D2974-87	PMST/6954		
5061485006	**GP-9 5-10**	ASTM D2974-87	PMST/6954		
5061485007	**GP-9 10-15**	ASTM D2974-87	PMST/6954		
5061485008	**GP-9 15-20**	ASTM D2974-87	PMST/6954		
5061485009	**GP-9 20-25**	ASTM D2974-87	PMST/6954		
5061485010	**GP-15 5-10**	ASTM D2974-87	PMST/6954		
5061485011	**GP-15 10-15**	ASTM D2974-87	PMST/6954		
5061485012	**GP-16 0-5**	ASTM D2974-87	PMST/6954		
5061485013	**GP-16 5-10**	ASTM D2974-87	PMST/6954		
5061485014	**GP-18 5-10**	ASTM D2974-87	PMST/6954		
5061485015	**GP-18 10-15**	ASTM D2974-87	PMST/6954		
5061485016	**GP-18 15-20**	ASTM D2974-87	PMST/6954		
5061485017	**GP-18 20-25**	ASTM D2974-87	PMST/6954		
5061485018	**GP-19 0-5**	ASTM D2974-87	PMST/6954		
5061485019	**GP-19 5-10**	ASTM D2974-87	PMST/6954		

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Page: 1 of 3

1542310

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Wightman Petrie	Report To: C. Phifer	Attention: Kim Bowman
Address: 412 S. Lafayette S. Bend, IN 46601	Copy To: A. Soens	Company Name:
Email To: cphifer@wightmanpetrie.com	Purchase Order No.:	Address:
Phone: 574-232-4388 Fax: 574-232-4333	Project Name: Hamilton Towing	Pace Quote Reference:
Requested Due Date/TAT:	Project Number:	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE)

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test Y/N	VOCs	PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-9 0-5	SL	G			4/12/12	1:58	✓	5	✓	✓						✓	✓	XX			001
2	GP-9 5-10						2:02	✓		✓	✓						✓	✓				Hold 006
3	GP-9 10-15						2:04			✓	✓						✓	✓				Hold 007
4	GP-9 15-20						2:07			✓	✓						✓	✓				Hold 008
5	GP-9 20-25						2:12			✓	✓						✓	✓				Hold 009
6	GP-15 0-5						11:56			✓	✓						✓	✓	XX			002
7	GP-15 5-10						12:00			✓	✓						✓	✓				Hold 010
8	GP-15 10-15						12:01			✓	✓						✓	✓				Hold 011
9	GP-16 0-5						1:30			✓	✓						✓	✓				Hold 012
10	GP-16 5-10						1:33			✓	✓						✓	✓				Hold 013
11	GP-16 10-15						1:37			✓	✓						✓	✓	XX			003
12	GP-18 0-5	↓	↓			↓	12:22	↓	↓	✓	✓						✓	✓	XX			004

5061485

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4/13/12	4:00	Pace	4/14/12	1037	2.1	Y	Y	Y
							1.5			
							2.8			
							1.9			

WI/Fedex 2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soens

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/13/12

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: 2 of 3

1542311

Section A
Required Client Information:

Company:	Wightman Petrie
Address:	412 S. Lafayette S. Bend, IN 46601
Email To:	cphifer@wightmanpetrie.com
Phone:	574-232-4388
Fax:	574-232-4333
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	C. Phifer
Copy To:	A. Soens
Purchase Order No.:	
Project Name:	Hamilton Towing
Project Number:	

Section C
Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: IN

Section D
Required Client Information

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

Matrix Codes
MATRIX / CODE

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

5061485

Requested Analysis Filtered (Y/N)

	ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Terracore	Analysis Test Y/N	VOCs	PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
13	1	GP-18 5-10	SL	G			4/12/12	12:26		5	✓	✓						✓	✓				Hold -014
14	2	GP-18 10-15	SL	G				12:30			✓	✓						✓	✓				Hold -015
15	3	GP-18 15-20	SL	G				12:35			✓	✓						✓	✓				Hold -016
16	4	GP-18 20-25	SL	G				12:41			✓							✓	✓				Hold -017
17	5	GP-19 0-5	SL	G				3:01			✓							✓	✓				Hold -018
18	6	GP-19 5-10	SL	G				3:06			✓							✓	✓				Hold -019
19	7	GP-19 10-15	SL	G			↓	3:12			✓							✓		X	X		005
20	8	GP-2	WT	G			4/11/12	9:55			✓			✓						X	X		-020
21	9	GP-4	WT	G			4/11/12	11:30			✓			✓						X	X		-021
22	10	GP-6	WT	G			4/11/12	1:30			✓			✓						X	X		-022
23	11	GP-8	WT	G			4/11/12	2:45		↓	✓			✓						X	X		-023
24	12	GP-9	WT	G			4/12/12	2:32			✓			✓						X	X		-024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	4/13/12	4:00	[signature] / Pace	4/14/12	1037	2.1	Y	Y	N
							1.5			
							2.8			
							1.9			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Soens

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/13/12

WI / Fedex 2

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

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

1542315

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Wightman Petrie	Report To: C. Phifer	Attention: Kim Bowman
Address: 412 S. Lafayette S. Bend, IN 46601	Copy To: A. Soens	Company Name: "
		Address: "
Email To: cphifer@wightmanpetrie.com	Purchase Order No.:	Pace Quote Reference:
Phone: 574-232-4388 Fax: 574-232-4339	Project Name: Hamilton Towing	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

SDW14485

Requested Analysis Filtered (Y/N)

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE)

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs	cPAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
25	1 GP-11	WT	G			4/12/12	9:21		5	✓			✓						X	X		-025
26	2 GP-17	WT	G			4/12/12	11:25		5	✓			✓						X	X		-026
27	3 GP-18	WT	G			4/12/12	1:00		5	✓			✓						X	X		-027
28	4 Temp Blank								1/per cooler	✓												005
	5																					-001
	6																					-002
	7																					-003
	8																					-004
	9																					
	10																					
	11																					
	12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4/13/12	4:00	Pace	4/14/12	1037	2.1	Y	Y	Y
							1.5			
							2.8			
							1.9			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Soens

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 04/13/12

WT / Fedex 2

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Wrightman Petrie Project # 5206485

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8996 0344 2700

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Date/Time 5035A kits placed in freezer: 4/14/12 1047

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☑ Other Ziplock

Thermometer Used: 1 2 3 4 6 A B C (D) E Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 2-1/1.5/2-8/1.9 °C Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KO 4/14/12

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No ☐N/A	4. KO 4/14/12
Short Hold Time Analysis (<72hr):	☑Yes	☐No ☐N/A	5. TC's
Rush Turn Around Time Requested:	☐Yes	☑No ☐N/A	6.
Containers Intact:	☐Yes	☑No ☐N/A	7. GP-2 VOA 1 Broken
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes	☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	☐Yes	☑No ☐N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No ☑N/A	
Headspace in VOA Vials (>6mm):	☐Yes	☑No ☐N/A	10.
Trip Blank Present:	☐Yes	☑No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes	☐No ☑N/A	
Project Manager Review			
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	12.
Sufficient Volume:	☑Yes	☐No ☐N/A	13.
Correct Containers Used:	☑Yes	☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt **Date:** 4/14/12

Form F-IN-Q290-rev.04, 28Apr2011

Sample Container Count

CLIENT: Wrightman Petrie

COC PAGE 1 of 3

COC ID# _____

Project # 501485

Pace Analytical
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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wrightman Petrie

COC PAGE 2 of 3

COC ID# _____

Project # 5016485

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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	100ml Amber			Comments
1			1	4												
2																
3																
4																
5																
6																
7																
8	3												2			1 broken
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Wrightman Petric

COC PAGE 3 of 3

COC ID#

Project # 5061485

Pace Analytical
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Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	100ml Amber			Comments
1	3												2			
2	3												2			
3	3												2			
4																
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag