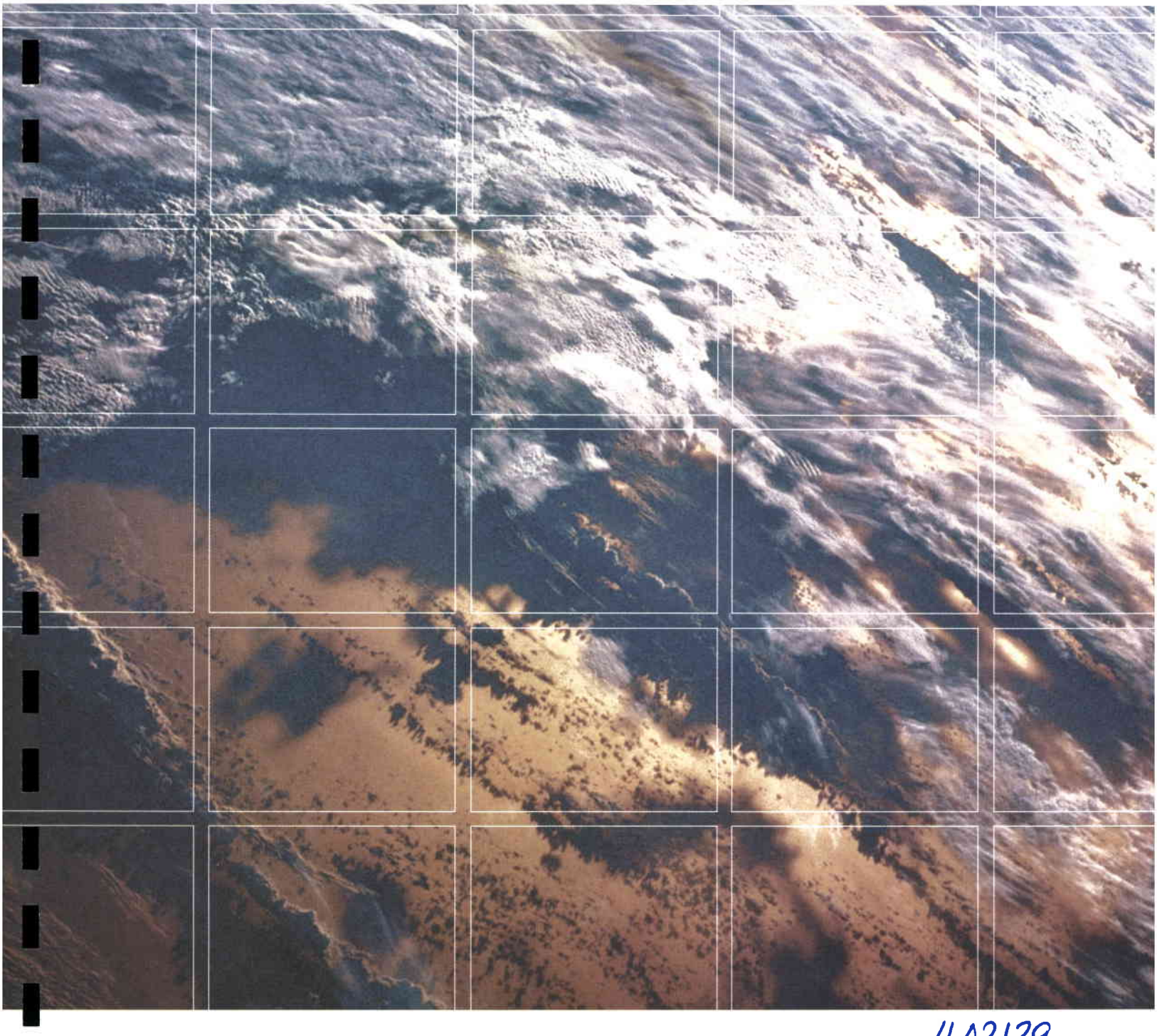

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Affinia Group, Inc. – Wix Filtration Corp.

Data Report of Phase II Environmental Assessment

Dillon, South Carolina

February 2007

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(843) 856-4270
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February 26, 2007
41284

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FEB 28 2007
Water Monitoring, Assessment &
Protection Division

ERM

Mr. Chris Forrest, P.G.
South Carolina Department of Health
and Environmental Control
Bureau of Water Pollution Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Data Report of Phase II Environmental Assessment
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.
ERM Project No.: 41284

Dear Mr. Forrest:

Environmental Resources Management (ERM) is pleased to present this data report to Vorys, Sater, Seymour and Pease LLP for the Phase II environmental assessment conducted at Wix Filtration Corporation (Wix) of Dillon, South Carolina, an Affinia Group, Inc. subsidiary. This work was performed in accordance with the scope detailed within the September 14, 2006, *Proposal for Phase II Environmental Assessment* (September 2006 Phase II proposal) and approved by the South Carolina Department of Health and Environmental Control (SCDHEC). Specifically, this data report presents additional soil and ground water results, as well as an updated exposure pathway receptor study. This work was undertaken in an effort to further evaluate the horizontal extent of impacted soils and ground water related to an apparent toluene release discovered in a utility excavation area in October 2005 and subsequently confirmed during environmental investigations in October 2005, November 2005, and May 2006. Results from the current December 2006 investigation show that toluene was not detected in any of the soil or ground water samples collected and analyzed. The March 27, 2006, *Quality Assurance Project Plan* (QAPP), also approved by SCDHEC, was used to guide work procedures and quality assurance and quality control efforts.

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SUMMARY OF FIELD ACTIVITIES

ERM installed a total of four soil test borings (STBs), three hand auger borings, and five ground water monitoring wells in December 2006. Boring and well locations are depicted on the attached Figure 1. Prior to the field installation activities, portions of the forested area to the southwest of ground water monitoring well MW-3 required the removal of brush up to four inches in diameter using mechanical equipment. On November 14, 2006, Land Clearing Services, Inc. of St. George, South Carolina was contracted to clear enough brush in the forested area to allow an all-terrain-vehicle mounted drill rig (ATV drill rig) and other mechanical equipment to install and develop the two ground water monitoring wells designated as MW-7 and MW-8. Favorable weather conditions allowed mechanical equipment to traverse the area with very little impact to the ecosystem, and root structure was left in place within areas that were cleared. No permanent footprint was left in place within the cleared forested area.

Soil and ground water samples were collected and submitted to Pace Analytical Laboratories (Pace), a South Carolina certified laboratory, under Chain of Custody for analysis of volatile organic compounds (VOCs) in accordance with Environmental Protection Agency Method 8260B (EPA Method 8260B). Soil samples were handled, collected, and preserved in the field in accordance with EPA Method 5035. Additional details regarding the soil sampling, installation, and well construction efforts are detailed in ERM's *Soil Boring and Ground Water Monitoring Well Construction Data Submittal,* issued under separate cover and dated January 23, 2007. Results from each media are discussed below.

SOIL SAMPLING PROGRAM RESULTS

Soil sampling locations are shown on Figure 1. At each location, soil samples were collected continuously from the ground surface until such depth as obviously saturated soils were encountered. Saturated soils, indicating the presence of the ground water table, were encountered as shallow as two feet below ground surface (bgs) during drilling operations. The maximum soil sampling depth was 18 feet bgs. There were no field indications of elevated concentrations of VOCs in the soils during the boring installation, except for slightly elevated photoionization detector (PID) readings at and below the ground water table at STB-13. Accordingly, the soil samples submitted to the laboratory included a sample from this interval and location. ERM Test Boring Records are included within Appendix A.

A total of 12 soil samples were submitted for laboratory analysis during this investigation. Where there were no indications of surficial VOC sources/impacts, one sample was selected from just above the perceived ground water table in each boring and well location where continuous PID readings were at the measured background level. Sampling in this manner assesses potential contaminant migration in or along the surface of the ground water table. Otherwise, the highest PID reading measured from each location determined which sample interval was selected for laboratory analysis. Soil analytical results have been summarized in Table 1. There were no VOCs detected in 11 of the 12 samples. Only p-isopropyltoluene was found to be present at a low concentration (12 μg/kg) in the soil sample collected from MW-8 (four to six feet bgs). This compound was also detected in the soil samples previously analyzed in October 2005, November 2005, and May 2006 as shown on Table 2. There is no SCDHEC regulatory limit for p-isopropyltoluene in soil. The associated laboratory analytical reports are included within Appendix B. Historically, VOCs, primarily toluene, have been detected at concentrations in site soils ranging from 140 µg/kg at location STB-7 to 2,000,000 µg/kg at location STB-8 both sampled during the May 2006 investigation as shown on Table 2 and on Figure 1.

GROUND WATER SAMPLING PROGRAM RESULTS

Five ground water monitoring wells were installed at the locations presented in Figure 1. A summary of the well construction data is presented in Table 3. Prior to purging and sampling each of the five new ground water monitoring wells (MW-5 through MW-9), static ground water elevation data were obtained (see Table 4) and used to develop the potentiometric surface map included as Figure 2.

Each of the five ground water monitoring wells was developed at the time of installation. Well development was performed on December 7 and 8, 2006, with a downhole submersible Whale™ pump. Appendix C includes the well development records. ERM personnel returned to the site to purge and sample the five monitoring wells on January 4, 2007. Each well was sampled using low-flow methods and a peristaltic pump according to approved methods described in the March 2006 QAPP for the site. Ground water sampling logs and field sampling reports are found in Appendix D.

Ground water generated during development and purging of the wells was

contained in labeled, closed-top 55-gallon drums. The drums will be characterized for disposal.

As previously indicated, ground water samples from each well were analyzed for VOCs by EPA Method 8260B. Recent ground water analytical results are summarized in Table 5. There were no VOCs detected in four of the five wells sampled. Only MW-9, located to the north relative to the suspected historical toluene release area, contained detectable levels of VOCs. Trace concentrations of trichloroethene and cis-1,2-dichloroethene were detected in the samples collected from MW-9 at concentrations of 1.7 micrograms per liter (μg/L) and 3 μ g/L, respectively. Compound cis-1,2-dichloroethene was previously detected at similarly low levels in MW-4 during the May 2006 investigation, while trichloroethene has not been previously detected. The detected concentrations of both compounds are just above the laboratory reporting limits and well below South Carolina drinking water Maximum Contaminant Levels (MCLs), as shown in the summary of ground water sample results included in Table 5. There were no other VOCs detected including the primary constituent of concern, toluene. The recent and historical ground water concentrations at each monitoring well location are depicted on Figure 3. Historically, VOCs, primarily toluene, have been detected at concentrations in ground water from 7,711.26 µg/L at MW-2 to 340,000 µg/L at MW-1 during the May 2006 investigation as found in Table 6.

QUALITY CONTROL

Quality control samples included a rinse blank, a field blank, a blind duplicate, and a trip blank. The rinse blank was collected to evaluate sample equipment cleanliness, the field blank to gauge whether ambient air might have influenced the sampling process, a blind duplicate of MW-7 to evaluate laboratory accuracy, and the laboratory-sealed trip blank to insure proper shipping and handling procedures were followed. There were no detections of VOCs in any of the quality control samples. The associated laboratory reports are included within Appendix B.

AQUIFER TESTING RESULTS

Since little to no drawdown occurred during purging and sampling MW-5 through MW-9 on January 4, 2007, in-situ falling and rising head permeability tests (a.k.a. "slug tests") were performed the next day in an

effort to estimate hydraulic conductivity of the saturated zone. The change in water level over time was measured with a downhole, calibrated pressure transducer after a decontaminated five-foot weighted slug was completely submerged into a given monitoring well, and then the water level was allowed to return to initial static conditions ("slug-in" or falling head test). The slug was then removed from a given monitoring well and the water level allowed returning to initial static conditions ("slug-out" or rising head test). The equilibration rates were used to estimate the hydraulic conductivity at each well, and that data, along with the ground water elevation of the monitoring wells was used to estimate the ground water velocity (see Appendix E).

The average hydraulic conductivity for both the "slug-in" tests and "slug-out" tests conducted on the new wells was 0.65 feet per day, approximately half that determined for monitoring wells MW-1 through MW-4 on May 24 and 25, 2006. The lower hydraulic conductivity values in monitoring wells MW-5 through MW-9 are illustrative of higher clay content in the shallow site soils associated with these locations relative to the geologic conditions in the monitoring wells MW-1 through MW-4 and are consistent with field observations. The slug test results are summarized in Table 7. The ground water velocity is estimated to be in a westerly direction at approximately 0.028 feet per day as shown on Figure 2.

EXPOSURE PATHWAY RECEPTOR STUDY

The objective of the environmental pathways analysis is to identify the potential exposure pathways by which site-specific constituents may impact human and environmental receptors. A preliminary exposure pathway receptor study prepared in May 2006 was updated and completed for the Wix site during this assessment (Appendix F). The study concluded the following major findings:

- incidental exposure to Wix site soils and/or sediment in the area in question by off-site residents and/or trespasser is unlikely due to the physical boundary fence that limits access to the active portion of the site;
- the potential for routine contact with impacted ground water at the site is low due to the lack of ground water use for potable or industrial supply in the area surrounding the site; and,
- no ecological risk assessment is necessary due to the lack of

contaminants detected in site sediments and surface water.

In addition, given the current conditions at the Wix site, industrial site workers represent the maximally exposed population. Potentially complete exposure pathways include the following:

- exposure to VOCs released to the ambient air from surficial soil (low risk due to the lower concentrations of contaminants detected in surficial soils and dilution from exterior air flow/exchange);
- exposure to VOCs released to indoor air (facility workers only) from soils and ground water beneath the building (low risk due to sealed floor drains and lack of a source beneath the building); and
- exposure of workers to VOCs via dermal, ingestion, or inhalation routes from soils and/or ground water during utility trenching/construction, repair, or maintenance activities.

CONCLUSIONS AND RECOMMENDATIONS

The primary constituent of concern, toluene, was not detected in either soil or ground water media samples analyzed during this phase of work. Therefore, while the previous phase of sampling indicated elevated VOC concentrations in the vicinity of the utility trench excavation, it appears that the horizontal extent of impacted soils and ground water has been defined to the extent practicable. Access restrictions within the forested area directly downgradient from the apparent historical toluene release prevented proposed soil test borings from being installed by the ATV drill rig during the current phase of activities. Consequently, hand auger borings were installed and ground water was encountered at two feet bgs. No VOCs were detected in the shallow hand auger boring soil samples collected. The clay content of shallow site soils appears to have impeded the horizontal migration of previously detected constituents from the May 2006 soil and ground water sampling activities.

During the Phase II environmental assessment, only one VOC, p-isopropyltoluene was detected in monitoring well MW-8 site soils. This compound has no regulatory maximum limit established in either water or soil. Additionally, only two VOCs, cis-1,2-dichloroethene and trichloroethene, were detected in the ground water samples collected from monitoring well MW-9. However, both of the compounds were below the state drinking water MCLs. Historically, only p-isopropyltoluene was detected in one of the sediment samples collected (location SED-1 as shown

on Figure 1) during the May 2006 sampling event. Also, no VOCs were encountered in surface water samples collected during May 2006.

Initially, a well survey was proposed in the March 27, 2006 *Additional Environmental Services Work Plan*, approved by SCDHEC, given the limited knowledge of the hydrogeology of the site that was available at the time. However, throughout the investigation, there has been no evidence of ground water contamination migrating off-site. Therefore, a well survey would not be necessary.

Based on the information presented within this report, ERM proposes to schedule a teleconference to discuss potential corrective actions to address the impacted area at Wix. Based on our discussion during the teleconference, ERM also recommends scheduling a meeting in Columbia, South Carolina with Mr. Chris Forrest of SCDHEC to discuss the Phase II Data Report and to present possible corrective actions, if required.

Should you have any questions regarding this data report, please do not hesitate to contact us at 843-856-4270.

Sincerely,

Mark Easterbrook
Project Manager

John Durkee, P.E.
Senior Environmental Engineer

James D. Hiller by MCE

James D. Hiller, CIH
Principal-in-Charge

Attachments

cc: Mr. Richard P. Fahey, Esq. - Vorys, Sater, Seymour and Pease LLP
Mr. Keith Clark – The Affinia Group
Mr. James Hiller – ERM
Ms. Melody Christopher - ERM
Mr. Ken McCutcheon – Wix Filtration Corporation
Mr. Paul H. Caulford, Jr. – Wix Filtration Corporation

Appendix A
ERM Test Boring Records

Client:

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-11

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
0		Ground Surface			
1		Soft, brown (7.5YR 5/4), sandy SILT (SM), trace root hairs, slightly moist, topsoil.	0.5	4	Location GP-9 was renamed as STB-11 Background PID reading was 0.1 ppm
2–4		Firm, mottled strong brown (7.5YR 5/8) and light brown (7.5YR 6/3), silty CLAY (CL). Becomig gray (5YR 5/1), slightly moist. Becoming mottled light brownish gray (10YR 6/2), color stratification, increasing plasticity, moist.	1.1	5	Ground water detected
5–6			1.4	5	Soil sample collected and composited from 4 to 6 ft. BGS
6–8		Firm, very dark gray (2.5YR 3/1), sandy CLAY (SC), very moist.	0.4	7	
8–10		Stiff light gray (10YR 7/1), CLAY (CH), high plasticity, ittle fine sand, moist.	1.3	14	
10–11		Stiff, gray (5Y 6/1), sandy CLAY (SC), slightly moist.	1.1	6	
11–12		Stiff, gray (5Y 6/1), silty CLAY (CL), little fine sand, moist.			
12–13		Very soft, light gray (10YR 7/1), fine sandy CLAY (SC), very moist.	0.5	2	
13–14		Very soft, light brownish gray (2.5Y 6/2), clayey SAND (SC), very moist. Becoming wet.			

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 1 of 2

Client:

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-11

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE					
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
15			0.2	5	
16		Loose, yellow (10YR 7/6), fine SAND (SP), very moist.			
		End of Borehole			
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million			Borehole was grouted to the surface
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-12

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
0		Ground Surface			
		Firm, dark brown (10YR 3/3), fine sandy SILT (SM), little root hairs, topsoil, slightly moist.			Location GP-10 was renamed as STB-12
1			0.0	7	
		Firm, black (7.5YR 2.5/1), clayey SILT (CL), dry.			Background PID reading was 0.0 ppm
2		Soft, light brownish gray (10YR 6/2), silty CLAY (CL), color stratification with yellowish red (5YR 5/8), increasing plasticity, very moist.			
3			0.0	4	
4		No recovery			
5			0.0	7	
6		Very stiff, gray (5YR 6/1) and brownish yellow (10YR 6/8), CLAY (CH), high plasticity, trace fine sand, trace root hairs, moist.			Ground water detected
7			0.0	16	Soil sample collected and composited from 6 to 8 ft. BGS
8		Very stiff, grayish brown (2.5Y 5/2), sandy CLAY (SC), wet. Becoming moist.			
9		Stiff, mottled light olive brown (2.5Y 5/4) and light gray 2.5Y 7/1), silty CLAY (CL), trace root hairs, color stratification, moist.	0.0	9	
10		Stiff, light gray (2.5Y 7/1), CLAY (CH), high plasticity, little fine sand, wet. Firm, gray (7.5YR 5/1), sandy CLAY (SC), very plastic, moist.			
11		Firm, gray, CLAY (CH), high plasticity, moist.	0.0	7	

Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-12

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
		Firm, gray, sandy CLAY (SC), moist.			
12		Firm, mottled pinkish gray (7.5YR 6/2) and light olive brown (2.5Y 5/6), CLAY (CL), some fine sand, trace root hairs, moist.			
13		Soft, mottled brownish yellow (10YR 6/8) and grayish Brown (19YR 5/2), fine sandy CLAY (SC), wet.	0.0	3	
14		Medium dense, dark bluish gray fine SAND (SP), wet.			
15			0.0	17	
		Very stiff, dark gray (GLEY1 4/0), CLAY (CH), wet.			
16		Very stiff, gray (7.5YR 5/1), sandy CLAY (SC), wet.			
		End of Borehole			Borehole was grouted to the surface
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million			
18					
19					
20					
21					
22					

Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
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Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-13

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
0		Ground Surface			
		Stiff, black (5YR 2.5/1), clayey SILT (CL), slightly moist, topsoil.			Location GP-11 was renamed as STB-13
1			0.0	9	
		Becoming firm, dark gray, little root hairs.			Background PID reading was 0.0 ppm
2		Trace root hairs.			
3			4.2	6	
4		Firm, mottled strong brown (7.5YR 5/8) and brown (7.5YR 5/3), silty CLAY (CL), very moist.			
5		Becoming mottled with gray, moist.	1.8	5	Ground water detected
6		Stiff, mottled gray, strong brown (7.5YR 5/8), and brown (7.5YR 5/3), clayey SILT (CL), trace fine sand.			
7			1.2	10	
		Loose, pinkish gray (7.5YR 6/2), clayey fine SAND (SC), moist.			
8		Very stiff, mottled yellowish brown (10YR 5/8) and gray, silty CLAY (CL), increasing plasticity, moist.			
9		Very stiff, light gray (10YR 7/1), fine sandy CLAY (SC), color stratification with yellowish brown (10YR 5/8), moist.	22.9	17	Soil sample collected and composited from 8 to 10 ft. BGS
10		Firm, gray, CLAY (CH), high plasticity, moist.			
11		Firm, gray, fine sandy CLAY (SC), very moist.	7.0	8	
		Becoming wet.			
12					

Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-13

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE					
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
13		Soft, gray (2.5Y 5/1), CLAY (CH), high plasticity, trace fine sand, wet.	5.3	4	
14					
15			17.1	3	
		Soft, gray (10YR 5/1), fine sandy CLAY (SC), wet.			
16		End of Borehole			Borehole was grouted to the surface
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million			
18					
19					
20					
21					
22					
23					
24					

Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

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Environmental Resources Management
498 Wando Park Blvd.
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Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-14

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
0		Ground Surface			
		Firm, grayish brown (10YR 5/2), fine sandy SILT (SM), little clay, trace root hairs, topsoil.	0.0	7	Location GP-12 was renamed as STB-14 Background PID reading was 0.0 ppm
1					
2		Soft, mottled light brownish gray (2.5Y 6/2) and yellowish brown (10YR 5/6), silty CLAY (CL), slightly moist.	0.0	4	
3					
4					
5		Becoming stiff, mottled red (2.5YR 5/8) and light gray (10YR 7/1), slightly moist.	0.0	10	Ground water detected
6					
7		Becoming light gray (10YR 7/1) and brownish yellow (10YR 6/8), color stratification, trace fine sand, trace root hairs. Becoming light gray (10YR 7/1).	2.8	11	Soil sample collected and composited from 6 to 8 ft. BGS
8		Same as above, little fine sand, moist.			
9			0.0	9	
10		Becoming soft, gray (GLEY1 5/1), trace fine sand, trace root hairs, moist.			
11			0.0	4	
12					

Driller: Kevin Warren

Drill and Installation Date: 12/7/06

Drilling Method: Hollow Stem Auger

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Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: STB-14

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE					
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
13		Very soft, dark gray (2.5Y 4/1), fine sandy CLAY (SC), very moist.	0.0	2	
14		Very loose, light gray (2.5Y 7/1), fine SAND (SP), wet.			
15			0.0	2	
		Very soft, dark gray (5Y 4/1), fine sandy CLAY (SC), wet.			
16		End of Borehole			Borehole was grouted to the surface
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million			
18					
19					
20					
21					
22					
23					
24					

Driller: Kevin Warren

Drill and Installation Date: 12/7/06

Drilling Method: Hollow Stem Auger

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Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-5

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
0		Ground Surface				Background PID was 0.0 ppm
1		Firm, gray (10YR 5/1) and yellowish brown (10YR 5/8), silty CLAY (CL), color stratification, moist. Becoming dark brown at 1.0 ft., moist.	0.0	5		Flush mount cover; Top of casing
2		Loose, brown (7.5YR 4/2), sandy SILT (ML), some clay, dry.				
3		Soft, dark yellowish brown (10YR 4/6) mottled with grayish brown (10YR 4/2), silty CLAY (CL), moist.	2.1	4		Initial ground water level at time of well installation
4		Becoming stiff, yellowish brown (10YR 4/6), grayish brown (10YR 5/2), and yellowish red (5YR 5/8), little fine sand, slightly moist, trace root hairs, increasing plasticity.				
5		Light gray (10YR 7/1) mottled with yellowish brown (10YR 5/6), slightly silty CLAY (CL), trace fine sand.	2.0	9		
6						Top of 0.010-inch slotted screen
7			2.1	11		
8		Stiff, light brownish gray (10YR 6/2), fine sandy CLAY (SP), moist.				
9		Stiff, light brownish gray (10YR 6/2), CLAY (CL), little fine sand, moist, increasing plasticity.	1.7	12		
10		No recovery from 10 to 12 ft.				
11			--	5		
12						

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

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Environmental Resources Management
498 Wando Park Blvd.
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Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 15.9 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-5

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE						
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
13		Very soft, pale brown (10YR 6/3), CLAY (CH), high plasticity, some fine sand, wet.	5.5	1		Soil sample collected and composited from 12 to 14 ft. BGS
14		Loose, gray (10YR 5/1), fine to medium SAND (SW), trace clay, wet.				
15		Firm, gray (10YR 5/1), sandy CLAY (SC), wet.	0.0	8		
		Firm, gray (2.5Y 5/1), CLAY (CH), high plasticity, wet.				
16		End of Borehole				Bottom of well
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million				
18						
19						
20						
21						
22						
23						
24						

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 15.9 ft.

Sheet: 2 of 2

Client:

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-6

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
0		Ground Surface				Background PID was 0.0 ppm
1		Firm, brown (7.5YR 4/2), clayey SILT (CL), little root hairs, topsoil.	0.0	6		Flush mount cover Top of casing
2		Soft, mottled strong brown (7.5YR 5/8) and light brown (7.5YR 6/3), silty CLAY (CL), slightly moist. At 2.3 ft, becoming gray (5YR 5/1).	0.0	4		
3						
4		Becoming mottled gray (5YR 5/1) and light brownish gray (10YR 6/2), color stratification, increasing plasticity, moist.				Initial ground water level at time of well installation
5			0.5	6		
6		Firm, pale brown (10YR 6/3), CLAY (CH), high plasticity, trace fine sad, slight odor, moist.				Top of 0.010-inch slotted screen
7		Becoming light gray (10YR 7/1).	0.0	5		
8						
9			2.2	9		Soil sample collected and composited from 8 to 10 ft. BGS
10		Stiff, gray 5Y 6/1), sandy CLAY (SC), slightly moist.				
11			0.0	9		
12		Firm, silty CLAY (CL), little fine sand.				

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16.68 ft.

Sheet: 1 of 2

Client:

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-6

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE						
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
		Very soft, light gray (10YR 7/1), sandy CLAY (SC), very moist.				
13		Very loose, light brownish gray (2.5Y 6/2), clayey SAND (SC), very moist.	0.0	2		
14		Soft, gray (2.5Y 5/1), sandy CLAY (SC), wet.				
15			0.0	3		
16						Bottom of well
17		End of Borehole				
18		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million				
19						
20						
21						
22						
23						
24						

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16.68 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-7

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
0		Ground Surface				Background PID was 0.0 ppm
1		Very soft, very dark brown (10YR 2/2), silty CLAY (CL), trace roots hairs, little recovery, moist, topsoil.	0.0	1		Flush mount cover Top of casing
2		Becoming gray, silty CLAY (CL), slightly micaceous.				
3		Firm, mottled light yellowish brown (10YR 6/4) and yellowish red (5YR 5/8), trace root hairs, clayey SILT (CL), trace black mineralization, moist.	0.0	8		
4		Becoming mottled brownish yellow (10YR 6/8) and gray, trace fine sand, trace root hairs, trace black mineralization, slightly moist.				Soil sample collected and composited from 4 to 6 ft. BGS
5			0.0	13		Initial ground water level at time of well installation
6						
7			0.0	14		
8		Stiff, gray, fine sandy CLAY (SC), some silt, slightly micaceous, moist.				Top of 0.010-inch slotted screen
9		Same as above; becoming mottled with brownish yellow (10YR 6/8), trace root hairs, color stratification.	0.0	13		
10		Becoming very soft, mottled yellowish red (5YR 5/8) and gray, trace black mineralization.				
11		Same as above, trace root hairs. At 12.7 ft., becoming gray, moist.	0.0	9		
12						
13		Becoming gray (7.5YR 5/1).	0.0	1		
14						
15			0.0	1		

Driller: Kevin Warren

Drill and Installation Date: 12/4/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 18 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-7

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE						
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
16		Very soft, gray to dark gray (7.5YR 4/1), CLAY (CH), high plasticity, little fine sand, wet.				
17		Very soft, mottled gray and strong brown (7.5YR 5/8), silty CLAY (CL), wet.	0.0	2		
18		Very soft, gray, CLAY (CH), high plasticity, wet.				Bottom of well
		End of Borehole				
19		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million				
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

Driller: Kevin Warren

Drill and Installation Date: 12/4/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 18 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-8

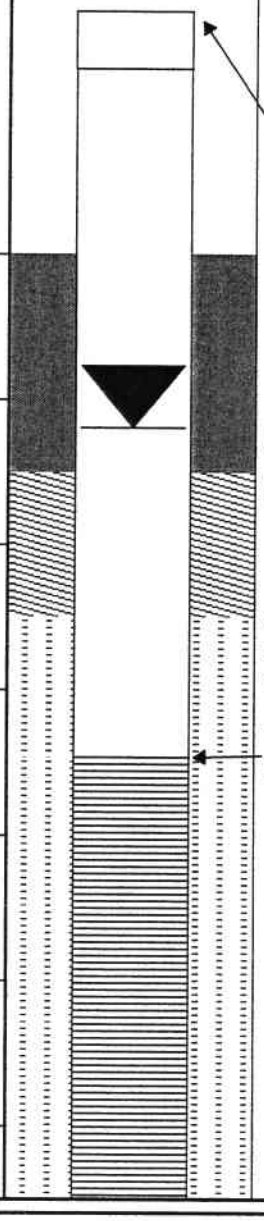
Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
-3					Background PID was 0.0 ppm
-2					Top of casing
-1					
0		Ground Surface			
1		Soft, very dark (7.5YR 3/1), clayey SILT (CL), trace root hairs, topsoil.	0.0	3	
2		Becoming light brownish gray (10YR 6/2).			
3		Becoming stiff, mottled with strong brown (7.5YR 5/8), trace fine sand.	0.0	3	Initial ground water level at time of well installation
4		Becoming very dark gray (7.5YR 4/1), clayey SILT (CL), little root hairs.			
5		Stiff, mottled light gray (7.5YR 7/1) and strong brown (7.5YR 5/8), silty CLAY (CL), trace fine sand, moist.	0.0	9	Soil sample collected and composited from 4 to 6 ft. BGS
6					
7		Firm, very dark grayish brown (10YR 3/2), CLAY (CH), high plasticity, little silt, wet.	0.0	6	Top of 0.010-inch slotted screen
8		Becoming mottled light gray (7.5YR7/1) and strong brown (7.5YR 5/8), wet.			
9			0.0	7	
10		Firm, light gray, fine sandy CLAY (SC), wet.			
11		Same as above, becoming soft, trace fine gravel, trace root hairs.	0.0	4	
12		Same as above, becoming very soft, wet.			

Well Installation Diagram



Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 17 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-8

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
13			0.0	1		
14		Soft, very dark brown (7.5YR 2.5/2), silty CLAY (CL), trace root hairs, wet.				
15		Soft, mottled yellowish red (5YR 5/8) and strong brown (7.5YR 4/6), CLAY (CH), high plasticity, wet.	0.0	3		
16		Becoming dark gray (7.5YR 4/1). Little fine sand.				
17		End of Borehole	0.0			Bottom of well
18		BGS = Below Ground Surface PID = Photoionization Detecor ppm = parts per million				
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Driller: Kevin Warren

Drill and Installation Date: 12/5/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 17 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

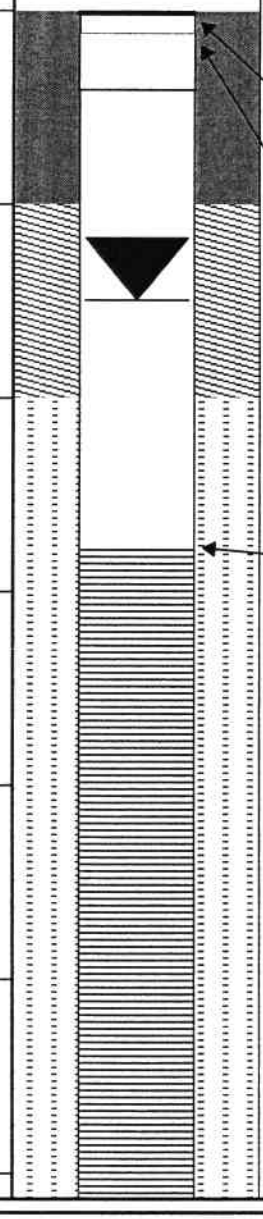
Log of Borehole: MW-9

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Remarks
0		Ground Surface			Background PID was 0.0 ppm
		Stiff, very dark gray (7.5YR 3/1), clayey SILT (CL), trace root hairs, topsoil, dry.			Flush Mount Cover
1		Becoming gray (7.5YR 5/1), dry.	1.7	14	Top of casing
2					
3			0.7	10	Initial ground water level at time of well installation
4		Firm, very dark gray (7.5YR 3/1), silty CLAY (CL), trace root hairs, slightly moist.			
5			0.5	6	Top of 0.010-inch slotted screen
6		Firm, gray (10YR 5/6), CLAY (CH), high plasticity, trace fine sand, moist.			
7			4.5	6	Soil sample collected and composited from 6 to 8 ft. BGS
8		Stiff, mottled yellowish brown (10YR 5/6) and light gray (7.5YR 7/1), silty CLAY (CL), moist.			
9		Becoming very stiff, mottled brownish yellow (10YR 6/8) and red (10R 4/8), color stratified with red (2.5YR 5/8).	0.8	12	
10		Becoming mottled very dark gray (10YR 3/1) and gray (10YR 6/1), increasing plasticity, moist.			
11			3.6	16	
12					



Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM
Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 1 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

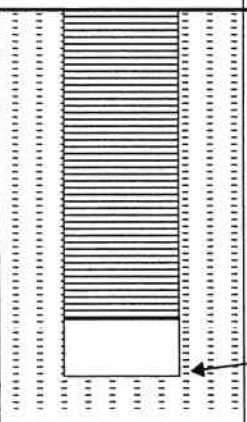
City, State: Dillon, SC

Project Number: 41284

Log of Borehole: MW-9

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE						
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Standard Blow Counts per Foot ("N")	Well Installation Diagram	Remarks
13		Stiff, mottled light gray (10YR 3/1) and gray (10YR 6/1), CLAY (CH), some fine sand. moist. Becoming light yellowish brown (2.5Y 6/4), trace fine sand.	0.6	9		
14		Loose, gray (2.5Y 5/1), fine sandy CLAY (SC), very moist.				
15			1.8	6		Bottom of well
16		End of Borehole				
17		BGS = Below Ground Surface PID = Photoionization Detector ppm = parts per million				
18						
19						
20						
21						
22						
23						
24						

Driller: Kevin Warren

Drill and Installation Date: 12/6/06

Drilling Method: Hollow Stem Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 4.25 inches

Total Depth: 16 ft.

Sheet: 2 of 2

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: HA-1

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Remarks
0		Ground Surface		
		Gray, fine sandy CLAY (CL), medium plasticty, trace surface debris, moist to very moist.		Location GP-13 was renamed as HA-1
1			--	Soil sample collected and composited from 0 to 2 ft. BGS
2		Gray, highly plastic CLAY (CH), trace fine sand, wet.		Ground water detected
3		Gray and brownish yellow, silty CLAY (CL), medium plasticity, trace fine sand, wet.	--	Bottom hand auger boring
4		End of Borehole		
5				
6				
7				
8				
9				
10				
11				
12				

Operator: Nate Hawthorne

Drill Date: 12/7/06

Drilling Method: Hand Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 2.70 inches

Total Depth: 3.2 ft.

Sheet: 1 of 1

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: HA-2

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE

Depth (ft. BGS)	Symbol	Description	PID (ppm)	Remarks
0		Ground Surface		
		Gray, fine sandy CLAY (CL), trace surface debris, moist to very moist.		Location GP-14 was renamed as HA-2
1			--	Soil sample collected and composited from 0 to 2 ft. BGS
2		Gray, CLAY (CH), trace fine sand, wet.		Ground water detected
3		Gray and brownish yellow, silty CLAY (CL), trace fine sand, wet.	--	Bottom hand auger boring
4		End of Borehole		
5				
6				
7				
8				
9				
10				
11				
12				

Operator: Nate Hawthorne

Drill Date: 12/7/06

Drilling Method: Hand Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 2.70 inches

Total Depth: 3.3 ft.

Sheet: 1 of 1

Client: The Affinia Group, Inc.

Site Location: Wix Filtration Corp.

City, State: Dillon, SC

Project Number: 41284

Log of Borehole: HA-3

Drilled By: A.E. Drilling Services, Inc.

Logged By: M. Easterbrook

SUBSURFACE PROFILE				
Depth (ft. BGS)	Symbol	Description	PID (ppm)	Remarks
0		Ground Surface		
		Gray, fine sandy CLAY (CL), trace surface debris, moist to very moist.		Location GP-15 was renamed as HA-3
1			--	Soil sample collected and composited from 0 to 2 ft. BGS
2		Gray, CLAY (CH), trace fine sand, wet.		Ground water detected
3		Gray and brownish yellow, silty CLAY (CL), trace fine sand, wet to very moist.	--	
4		End of Borehole		Bottom hand auger boring
5				
6				
7				
8				
9				
10				
11				
12				

Operator: Nate Hawthorne

Drill Date: 12/7/06

Drilling Method: Hand Auger

ERM

Environmental Resources Management
498 Wando Park Blvd.
Suite 100
Mt. Pleasant, SC 29464

Borehole Diameter: 2.70 inches

Total Depth: 4.1 ft.

Sheet: 1 of 1

Appendix B
Laboratory Analytical Reports and Chain of Custody Records

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

December 19, 2006

Mr. Mark Easterbrook
ERM-Southeast
498 Wando Park Blvd
Suite 100
Mt Pleasant, SC 29464

RE: Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Dear Mr. Easterbrook:

Enclosed are the analytical results for sample(s) received by the laboratory on December 8, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

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

Sincerely,

Annette Scott
annette.scott@pacelabs.com
(704) 875-9092 ext. 233
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Solid results are reported on a dry weight basis

Lab Sample No: 927769893
Client Sample ID: GP-15(0-2)
Project Sample Number: 92133687-001
Matrix: Soil
Date Collected: 12/07/06 11:45
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	16.8	%		12/11/06 13:03	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	85.	12/15/06 08:40	DLK	67-64-1		
Benzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	75-27-4		
Bromoform	ND	ug/kg	4.2	12/15/06 08:40	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.5	12/15/06 08:40	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	85.	12/15/06 08:40	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.2	12/15/06 08:40	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.5	12/15/06 08:40	DLK	75-00-3		
Chloroform	ND	ug/kg	4.2	12/15/06 08:40	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.5	12/15/06 08:40	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.2	12/15/06 08:40	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.2	12/15/06 08:40	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	12/15/06 08:40	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	12/15/06 08:40	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.5	12/15/06 08:40	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.2	12/15/06 08:40	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.2	12/15/06 08:40	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.2	12/15/06 08:40	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.2	12/15/06 08:40	DLK	78-87-5		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769893
Client Sample ID: GP-15(0-2)

Project Sample Number: 92133687-001
Matrix: Soil

Date Collected: 12/07/06 11:45
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
1,3-Dichloropropane	ND	ug/kg	4.2	12/15/06 08:40	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.2	12/15/06 08:40	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.2	12/15/06 08:40	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.2	12/15/06 08:40	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.2	12/15/06 08:40	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.2	12/15/06 08:40	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	12/15/06 08:40	DLK	87-68-3		
2-Hexanone	ND	ug/kg	42.	12/15/06 08:40	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	12/15/06 08:40	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.2	12/15/06 08:40	DLK	99-87-6		
Methylene chloride	ND	ug/kg	8.5	12/15/06 08:40	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.	12/15/06 08:40	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.2	12/15/06 08:40	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.2	12/15/06 08:40	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	103-65-1		
Styrene	ND	ug/kg	4.2	12/15/06 08:40	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.2	12/15/06 08:40	DLK	127-18-4		
Toluene	ND	ug/kg	4.2	12/15/06 08:40	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.2	12/15/06 08:40	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.2	12/15/06 08:40	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.2	12/15/06 08:40	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	12/15/06 08:40	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	42.	12/15/06 08:40	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.5	12/15/06 08:40	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	8.5	12/15/06 08:40	DLK			
o-Xylene	ND	ug/kg	4.2	12/15/06 08:40	DLK	95-47-6		
Toluene-d8 (S)	98	%		12/15/06 08:40	DLK	2037-26-5		
4-Bromofluorobenzene (S)	94	%		12/15/06 08:40	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		12/15/06 08:40	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	92	%		12/15/06 08:40	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769901
Client Sample ID: GP-13(0-2)

Project Sample Number: 92133687-002
Matrix: Soil

Date Collected: 12/07/06 10:25
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	28.6	%		12/11/06 13:03	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	100	12/15/06 09:17	DLK	67-64-1		
Benzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-27-4		
Bromoform	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-25-2		
Bromomethane	ND	ug/kg	10.	12/15/06 09:17	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	100	12/15/06 09:17	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.1	12/15/06 09:17	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	108-90-7		
Chloroethane	ND	ug/kg	10.	12/15/06 09:17	DLK	75-00-3		
Chloroform	ND	ug/kg	5.1	12/15/06 09:17	DLK	67-66-3		
Chloromethane	ND	ug/kg	10.	12/15/06 09:17	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.1	12/15/06 09:17	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.1	12/15/06 09:17	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	12/15/06 09:17	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	12/15/06 09:17	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	12/15/06 09:17	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.1	12/15/06 09:17	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	12/15/06 09:17	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	12/15/06 09:17	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	12/15/06 09:17	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769901
Client Sample ID: GP-13(0-2)

Project Sample Number: 92133687-002
Matrix: Soil

Date Collected: 12/07/06 10:25
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	5.1	12/15/06 09:17	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	12/15/06 09:17	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	12/15/06 09:17	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	12/15/06 09:17	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	12/15/06 09:17	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	12/15/06 09:17	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	12/15/06 09:17	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	12/15/06 09:17	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	12/15/06 09:17	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	12/15/06 09:17	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	12/15/06 09:17	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	12/15/06 09:17	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	12/15/06 09:17	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	12/15/06 09:17	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	12/15/06 09:17	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	12/15/06 09:17	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	12/15/06 09:17	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	12/15/06 09:17	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	12/15/06 09:17	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	12/15/06 09:17	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	12/15/06 09:17	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	10.	12/15/06 09:17	DLK			
o-Xylene	ND	ug/kg	5.1	12/15/06 09:17	DLK	95-47-6		
Toluene-d8 (S)	97	%		12/15/06 09:17	DLK	2037-26-5		
4-Bromofluorobenzene (S)	96	%		12/15/06 09:17	DLK	460-00-4		
Dibromofluoromethane (S)	110	%		12/15/06 09:17	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		12/15/06 09:17	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769919
Client Sample ID: GP-14(0-2)

Project Sample Number: 92133687-003
Matrix: Soil

Date Collected: 12/07/06 11:00
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	45.8	%		12/11/06 13:04	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	170	12/15/06 09:36	DLK	67-64-1		
Benzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	71-43-2		
Bromobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-27-4		
Bromoform	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-25-2		
Bromomethane	ND	ug/kg	17.	12/15/06 09:36	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	170	12/15/06 09:36	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	8.6	12/15/06 09:36	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	108-90-7		
Chloroethane	ND	ug/kg	17.	12/15/06 09:36	DLK	75-00-3		
Chloroform	ND	ug/kg	8.6	12/15/06 09:36	DLK	67-66-3		
Chloromethane	ND	ug/kg	17.	12/15/06 09:36	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	8.6	12/15/06 09:36	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	8.6	12/15/06 09:36	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.6	12/15/06 09:36	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	8.6	12/15/06 09:36	DLK	106-93-4		
Dibromomethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	17.	12/15/06 09:36	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	8.6	12/15/06 09:36	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	8.6	12/15/06 09:36	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	8.6	12/15/06 09:36	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	8.6	12/15/06 09:36	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769919 | Project Sample Number: 92133687-003 | Date Collected: 12/07/06 11:00
Client Sample ID: GP-14(0-2) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	8.6	12/15/06 09:36	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	8.6	12/15/06 09:36	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	8.6	12/15/06 09:36	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	8.6	12/15/06 09:36	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	8.6	12/15/06 09:36	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	8.6	12/15/06 09:36	DLK	87-68-3		
2-Hexanone	ND	ug/kg	86.	12/15/06 09:36	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	8.6	12/15/06 09:36	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	8.6	12/15/06 09:36	DLK	99-87-6		
Methylene chloride	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.	12/15/06 09:36	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	8.6	12/15/06 09:36	DLK	1634-04-4		
Naphthalene	ND	ug/kg	8.6	12/15/06 09:36	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	103-65-1		
Styrene	ND	ug/kg	8.6	12/15/06 09:36	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	8.6	12/15/06 09:36	DLK	127-18-4		
Toluene	ND	ug/kg	8.6	12/15/06 09:36	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	79-00-5		
Trichloroethene	ND	ug/kg	8.6	12/15/06 09:36	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	8.6	12/15/06 09:36	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	8.6	12/15/06 09:36	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	8.6	12/15/06 09:36	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	86.	12/15/06 09:36	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	17.	12/15/06 09:36	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	17.	12/15/06 09:36	DLK			
o-Xylene	ND	ug/kg	8.6	12/15/06 09:36	DLK	95-47-6		
Toluene-d8 (S)	98	%		12/15/06 09:36	DLK	2037-26-5		
4-Bromofluorobenzene (S)	98	%		12/15/06 09:36	DLK	460-00-4		
Dibromofluoromethane (S)	103	%		12/15/06 09:36	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	91	%		12/15/06 09:36	DLK	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769927 | Project Sample Number: 92133687-004 | Date Collected: 12/07/06 08:09
Client Sample ID: GP-12(6-8) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	17.5	%		12/11/06 13:05	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	86.	12/15/06 09:54	DLK	67-64-1		
Benzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-27-4		
Bromoform	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.6	12/15/06 09:54	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	86.	12/15/06 09:54	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.3	12/15/06 09:54	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.6	12/15/06 09:54	DLK	75-00-3		
Chloroform	ND	ug/kg	4.3	12/15/06 09:54	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.6	12/15/06 09:54	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.3	12/15/06 09:54	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.3	12/15/06 09:54	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	12/15/06 09:54	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	12/15/06 09:54	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.6	12/15/06 09:54	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.3	12/15/06 09:54	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.3	12/15/06 09:54	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.3	12/15/06 09:54	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.3	12/15/06 09:54	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769927
Client Sample ID: GP-12(6-8)

Project Sample Number: 92133687-004
Matrix: Soil

Date Collected: 12/07/06 08:09
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.3	12/15/06 09:54	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.3	12/15/06 09:54	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.3	12/15/06 09:54	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.3	12/15/06 09:54	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.3	12/15/06 09:54	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	12/15/06 09:54	DLK	87-68-3		
2-Hexanone	ND	ug/kg	43.	12/15/06 09:54	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	12/15/06 09:54	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.3	12/15/06 09:54	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.	12/15/06 09:54	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.3	12/15/06 09:54	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.3	12/15/06 09:54	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	103-65-1		
Styrene	ND	ug/kg	4.3	12/15/06 09:54	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.3	12/15/06 09:54	DLK	127-18-4		
Toluene	ND	ug/kg	4.3	12/15/06 09:54	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.3	12/15/06 09:54	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.3	12/15/06 09:54	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.3	12/15/06 09:54	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	12/15/06 09:54	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	43.	12/15/06 09:54	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.6	12/15/06 09:54	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	8.6	12/15/06 09:54	DLK			
o-Xylene	ND	ug/kg	4.3	12/15/06 09:54	DLK	95-47-6		
Toluene-d8 (S)	98	%		12/15/06 09:54	DLK	2037-26-5		
4-Bromofluorobenzene (S)	104	%		12/15/06 09:54	DLK	460-00-4		
Dibromofluoromethane (S)	111	%		12/15/06 09:54	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	103	%		12/15/06 09:54	DLK	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769935 | Project Sample Number: 92133687-005 | Date Collected: 12/04/06 14:50
Client Sample ID: MW-7(4-6) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	12.4	%		12/11/06 13:00	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	83.	12/14/06 02:10	DLK	67-64-1		
Benzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-27-4		
Bromoform	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.3	12/14/06 02:10	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	83.	12/14/06 02:10	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.2	12/14/06 02:10	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.3	12/14/06 02:10	DLK	75-00-3		
Chloroform	ND	ug/kg	4.2	12/14/06 02:10	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.3	12/14/06 02:10	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.2	12/14/06 02:10	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.2	12/14/06 02:10	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	12/14/06 02:10	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	12/14/06 02:10	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.3	12/14/06 02:10	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.2	12/14/06 02:10	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.2	12/14/06 02:10	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.2	12/14/06 02:10	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.2	12/14/06 02:10	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769935
Client Sample ID: MW-7(4-6)

Project Sample Number: 92133687-005
Matrix: Soil

Date Collected: 12/04/06 14:50
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.2	12/14/06 02:10	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.2	12/14/06 02:10	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.2	12/14/06 02:10	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.2	12/14/06 02:10	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.2	12/14/06 02:10	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	12/14/06 02:10	DLK	87-68-3		
2-Hexanone	ND	ug/kg	42.	12/14/06 02:10	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	12/14/06 02:10	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.2	12/14/06 02:10	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.	12/14/06 02:10	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.2	12/14/06 02:10	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.2	12/14/06 02:10	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	103-65-1		
Styrene	ND	ug/kg	4.2	12/14/06 02:10	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.2	12/14/06 02:10	DLK	127-18-4		
Toluene	ND	ug/kg	4.2	12/14/06 02:10	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.2	12/14/06 02:10	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.2	12/14/06 02:10	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.2	12/14/06 02:10	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	12/14/06 02:10	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	42.	12/14/06 02:10	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.3	12/14/06 02:10	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	8.3	12/14/06 02:10	DLK			
o-Xylene	ND	ug/kg	4.2	12/14/06 02:10	DLK	95-47-6		
Toluene-d8 (S)	101	%		12/14/06 02:10	DLK	2037-26-5		
4-Bromofluorobenzene (S)	95	%		12/14/06 02:10	DLK	460-00-4		
Dibromofluoromethane (S)	102	%		12/14/06 02:10	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	103	%		12/14/06 02:10	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769943
Client Sample ID: MW-8(4-6)

Project Sample Number: 92133687-006
Matrix: Soil

Date Collected: 12/05/06 08:50
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	19.3	%		12/11/06 13:00	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	97.	12/13/06 15:20	DLK	67-64-1		
Benzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-27-4		
Bromoform	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.7	12/13/06 15:20	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	97.	12/13/06 15:20	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.9	12/13/06 15:20	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.7	12/13/06 15:20	DLK	75-00-3		
Chloroform	ND	ug/kg	4.9	12/13/06 15:20	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.7	12/13/06 15:20	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.9	12/13/06 15:20	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.9	12/13/06 15:20	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	12/13/06 15:20	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	12/13/06 15:20	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.7	12/13/06 15:20	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.9	12/13/06 15:20	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.9	12/13/06 15:20	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.9	12/13/06 15:20	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.9	12/13/06 15:20	DLK	142-28-9		

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Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769943 | Project Sample Number: 92133687-006 | Date Collected: 12/05/06 08:50
Client Sample ID: MW-8(4-6) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.9	12/13/06 15:20	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.9	12/13/06 15:20	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.9	12/13/06 15:20	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.9	12/13/06 15:20	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.9	12/13/06 15:20	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	12/13/06 15:20	DLK	87-68-3		
2-Hexanone	ND	ug/kg	49.	12/13/06 15:20	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	12/13/06 15:20	DLK	98-82-8		
p-Isopropyltoluene	12.	ug/kg	4.9	12/13/06 15:20	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.	12/13/06 15:20	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.9	12/13/06 15:20	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.9	12/13/06 15:20	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	103-65-1		
Styrene	ND	ug/kg	4.9	12/13/06 15:20	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.9	12/13/06 15:20	DLK	127-18-4		
Toluene	ND	ug/kg	4.9	12/13/06 15:20	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.9	12/13/06 15:20	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.9	12/13/06 15:20	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.9	12/13/06 15:20	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	12/13/06 15:20	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	49.	12/13/06 15:20	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.7	12/13/06 15:20	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.7	12/13/06 15:20	DLK			
o-Xylene	ND	ug/kg	4.9	12/13/06 15:20	DLK	95-47-6		
Toluene-d8 (S)	99	%		12/13/06 15:20	DLK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		12/13/06 15:20	DLK	460-00-4		
Dibromofluoromethane (S)	109	%		12/13/06 15:20	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		12/13/06 15:20	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769950 | Project Sample Number: 92133687-007 | Date Collected: 12/06/06 13:35
Client Sample ID: MW-9(6-8) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	18.4	%		12/11/06 13:01	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	96.	12/14/06 05:28	DLK	67-64-1		
Benzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-27-4		
Bromoform	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.6	12/14/06 05:28	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	96.	12/14/06 05:28	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.8	12/14/06 05:28	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.6	12/14/06 05:28	DLK	75-00-3		
Chloroform	ND	ug/kg	4.8	12/14/06 05:28	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.6	12/14/06 05:28	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.8	12/14/06 05:28	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.8	12/14/06 05:28	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	12/14/06 05:28	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	12/14/06 05:28	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.6	12/14/06 05:28	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.8	12/14/06 05:28	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	12/14/06 05:28	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	12/14/06 05:28	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	12/14/06 05:28	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769950 | Project Sample Number: 92133687-007 | Date Collected: 12/06/06 13:35
Client Sample ID: MW-9(6-8) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.8	12/14/06 05:28	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	12/14/06 05:28	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	12/14/06 05:28	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	12/14/06 05:28	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	12/14/06 05:28	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	12/14/06 05:28	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	12/14/06 05:28	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	12/14/06 05:28	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	12/14/06 05:28	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	12/14/06 05:28	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	12/14/06 05:28	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	12/14/06 05:28	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	12/14/06 05:28	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	12/14/06 05:28	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	12/14/06 05:28	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	12/14/06 05:28	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	12/14/06 05:28	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	12/14/06 05:28	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	12/14/06 05:28	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	12/14/06 05:28	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.6	12/14/06 05:28	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.6	12/14/06 05:28	DLK			
o-Xylene	ND	ug/kg	4.8	12/14/06 05:28	DLK	95-47-6		
Toluene-d8 (S)	101	%		12/14/06 05:28	DLK	2037-26-5		
4-Bromofluorobenzene (S)	91	%		12/14/06 05:28	DLK	460-00-4		
Dibromofluoromethane (S)	106	%		12/14/06 05:28	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		12/14/06 05:28	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769968 | Project Sample Number: 92133687-008 | Date Collected: 12/06/06 15:52
Client Sample ID: GP-9(4-6) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	17.4	%		12/11/06 13:02	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	91.	12/15/06 07:45	DLK	67-64-1		
Benzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	75-27-4		
Bromoform	ND	ug/kg	4.6	12/15/06 07:45	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.1	12/15/06 07:45	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	91.	12/15/06 07:45	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.6	12/15/06 07:45	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.1	12/15/06 07:45	DLK	75-00-3		
Chloroform	ND	ug/kg	4.6	12/15/06 07:45	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.1	12/15/06 07:45	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.6	12/15/06 07:45	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.6	12/15/06 07:45	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	12/15/06 07:45	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	12/15/06 07:45	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.1	12/15/06 07:45	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.6	12/15/06 07:45	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.6	12/15/06 07:45	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.6	12/15/06 07:45	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.6	12/15/06 07:45	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.6	12/15/06 07:45	DLK	142-28-9		

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Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769968
Client Sample ID: GP-9(4-6)

Project Sample Number: 92133687-008
Matrix: Soil

Date Collected: 12/06/06 15:52
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.6	12/15/06 07:45	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.6	12/15/06 07:45	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.6	12/15/06 07:45	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.6	12/15/06 07:45	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.6	12/15/06 07:45	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	12/15/06 07:45	DLK	87-68-3		
2-Hexanone	ND	ug/kg	46.	12/15/06 07:45	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	12/15/06 07:45	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.6	12/15/06 07:45	DLK	99-87-6		
Methylene chloride	ND	ug/kg	9.1	12/15/06 07:45	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.	12/15/06 07:45	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.6	12/15/06 07:45	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.6	12/15/06 07:45	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	103-65-1		
Styrene	ND	ug/kg	4.6	12/15/06 07:45	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.6	12/15/06 07:45	DLK	127-18-4		
Toluene	ND	ug/kg	4.6	12/15/06 07:45	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.6	12/15/06 07:45	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.6	12/15/06 07:45	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.6	12/15/06 07:45	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	12/15/06 07:45	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	46.	12/15/06 07:45	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.1	12/15/06 07:45	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.1	12/15/06 07:45	DLK			
o-Xylene	ND	ug/kg	4.6	12/15/06 07:45	DLK	95-47-6		
Toluene-d8 (S)	97	%		12/15/06 07:45	DLK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		12/15/06 07:45	DLK	460-00-4		
Dibromofluoromethane (S)	105	%		12/15/06 07:45	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	98	%		12/15/06 07:45	DLK	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769976 | Project Sample Number: 92133687-009 | Date Collected: 12/05/06 15:00
Client Sample ID: GP-10(6-8) ~ | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	20.8	%		12/11/06 13:01	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	97.	12/13/06 15:38	DLK	67-64-1		
Benzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-27-4		
Bromoform	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.7	12/13/06 15:38	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	97.	12/13/06 15:38	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.8	12/13/06 15:38	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.7	12/13/06 15:38	DLK	75-00-3		
Chloroform	ND	ug/kg	4.8	12/13/06 15:38	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.7	12/13/06 15:38	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.8	12/13/06 15:38	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.8	12/13/06 15:38	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	12/13/06 15:38	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	12/13/06 15:38	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.7	12/13/06 15:38	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.8	12/13/06 15:38	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	12/13/06 15:38	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	12/13/06 15:38	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	12/13/06 15:38	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769976
Client Sample ID: GP-10(6-8)

Project Sample Number: 92133687-009
Matrix: Soil

Date Collected: 12/05/06 15:00
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.8	12/13/06 15:38	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	12/13/06 15:38	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	12/13/06 15:38	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	12/13/06 15:38	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	12/13/06 15:38	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	12/13/06 15:38	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	12/13/06 15:38	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	12/13/06 15:38	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	12/13/06 15:38	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	12/13/06 15:38	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	12/13/06 15:38	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	12/13/06 15:38	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	12/13/06 15:38	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	12/13/06 15:38	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	12/13/06 15:38	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	12/13/06 15:38	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	12/13/06 15:38	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	12/13/06 15:38	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	12/13/06 15:38	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	12/13/06 15:38	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.7	12/13/06 15:38	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.7	12/13/06 15:38	DLK			
o-Xylene	ND	ug/kg	4.8	12/13/06 15:38	DLK	95-47-6		
Toluene-d8 (S)	103	%		12/13/06 15:38	DLK	2037-26-5		
4-Bromofluorobenzene (S)	93	%		12/13/06 15:38	DLK	460-00-4		
Dibromofluoromethane (S)	109	%		12/13/06 15:38	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		12/13/06 15:38	DLK	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769984 | Project Sample Number: 92133687-010 | Date Collected: 12/05/06 13:30
Client Sample ID: GP-11(8-10) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	18.4	%		12/11/06 13:01	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	93.	12/14/06 02:28	DLK	67-64-1		
Benzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-27-4		
Bromoform	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.3	12/14/06 02:28	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	93.	12/14/06 02:28	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.7	12/14/06 02:28	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.3	12/14/06 02:28	DLK	75-00-3		
Chloroform	ND	ug/kg	4.7	12/14/06 02:28	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.3	12/14/06 02:28	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.7	12/14/06 02:28	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.7	12/14/06 02:28	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	12/14/06 02:28	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	12/14/06 02:28	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.3	12/14/06 02:28	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.7	12/14/06 02:28	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.7	12/14/06 02:28	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.7	12/14/06 02:28	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.7	12/14/06 02:28	DLK	142-28-9		

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Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769984
Client Sample ID: GP-11(8-10)

Project Sample Number: 92133687-010
Matrix: Soil

Date Collected: 12/05/06 13:30
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.7	12/14/06 02:28	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.7	12/14/06 02:28	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.7	12/14/06 02:28	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.7	12/14/06 02:28	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.7	12/14/06 02:28	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	12/14/06 02:28	DLK	87-68-3		
2-Hexanone	ND	ug/kg	47.	12/14/06 02:28	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	12/14/06 02:28	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.7	12/14/06 02:28	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.	12/14/06 02:28	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.7	12/14/06 02:28	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.7	12/14/06 02:28	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	103-65-1		
Styrene	ND	ug/kg	4.7	12/14/06 02:28	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.7	12/14/06 02:28	DLK	127-18-4		
Toluene	ND	ug/kg	4.7	12/14/06 02:28	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.7	12/14/06 02:28	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.7	12/14/06 02:28	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.7	12/14/06 02:28	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	12/14/06 02:28	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	47.	12/14/06 02:28	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.3	12/14/06 02:28	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.3	12/14/06 02:28	DLK			
o-Xylene	ND	ug/kg	4.7	12/14/06 02:28	DLK	95-47-6		
Toluene-d8 (S)	98	%		12/14/06 02:28	DLK	2037-26-5		
4-Bromofluorobenzene (S)	97	%		12/14/06 02:28	DLK	460-00-4		
Dibromofluoromethane (S)	112	%		12/14/06 02:28	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	104	%		12/14/06 02:28	DLK	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769992 | Project Sample Number: 92133687-011 | Date Collected: 12/06/06 10:44
Client Sample ID: MW-5(12-14) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	24.7	%		12/11/06 13:02	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	110	12/15/06 08:03	DLK	67-64-1		
Benzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	75-27-4		
Bromoform	ND	ug/kg	5.3	12/15/06 08:03	DLK	75-25-2		
Bromomethane	ND	ug/kg	11.	12/15/06 08:03	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	110	12/15/06 08:03	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.3	12/15/06 08:03	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	108-90-7		
Chloroethane	ND	ug/kg	11.	12/15/06 08:03	DLK	75-00-3		
Chloroform	ND	ug/kg	5.3	12/15/06 08:03	DLK	67-66-3		
Chloromethane	ND	ug/kg	11.	12/15/06 08:03	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.3	12/15/06 08:03	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.3	12/15/06 08:03	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	12/15/06 08:03	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	12/15/06 08:03	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	11.	12/15/06 08:03	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.3	12/15/06 08:03	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.3	12/15/06 08:03	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.3	12/15/06 08:03	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.3	12/15/06 08:03	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.3	12/15/06 08:03	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927769992
Client Sample ID: MW-5(12-14)

Project Sample Number: 92133687-011
Matrix: Soil

Date Collected: 12/06/06 10:44
Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	5.3	12/15/06 08:03	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.3	12/15/06 08:03	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.3	12/15/06 08:03	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.3	12/15/06 08:03	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.3	12/15/06 08:03	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	12/15/06 08:03	DLK	87-68-3		
2-Hexanone	ND	ug/kg	53.	12/15/06 08:03	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	12/15/06 08:03	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.3	12/15/06 08:03	DLK	99-87-6		
Methylene chloride	ND	ug/kg	11.	12/15/06 08:03	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.	12/15/06 08:03	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.3	12/15/06 08:03	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.3	12/15/06 08:03	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	103-65-1		
Styrene	ND	ug/kg	5.3	12/15/06 08:03	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.3	12/15/06 08:03	DLK	127-18-4		
Toluene	ND	ug/kg	5.3	12/15/06 08:03	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.3	12/15/06 08:03	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.3	12/15/06 08:03	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.3	12/15/06 08:03	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	12/15/06 08:03	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	53.	12/15/06 08:03	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	12/15/06 08:03	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	11.	12/15/06 08:03	DLK			
o-Xylene	ND	ug/kg	5.3	12/15/06 08:03	DLK	95-47-6		
Toluene-d8 (S)	100	%		12/15/06 08:03	DLK	2037-26-5		
4-Bromofluorobenzene (S)	93	%		12/15/06 08:03	DLK	460-00-4		
Dibromofluoromethane (S)	114	%		12/15/06 08:03	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	105	%		12/15/06 08:03	DLK	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927770008 | Project Sample Number: 92133687-012 | Date Collected: 12/06/06 08:55
Client Sample ID: MW-6(8-10) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry								
Percent Moisture	Method: % Moisture							
Percent Moisture	21.5	%		12/11/06 13:02	KDF			
GC/MS Volatiles								
GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	98.	12/15/06 08:22	DLK	67-64-1		
Benzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	75-27-4		
Bromoform	ND	ug/kg	4.9	12/15/06 08:22	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.8	12/15/06 08:22	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	98.	12/15/06 08:22	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.9	12/15/06 08:22	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.8	12/15/06 08:22	DLK	75-00-3		
Chloroform	ND	ug/kg	4.9	12/15/06 08:22	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.8	12/15/06 08:22	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.9	12/15/06 08:22	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.9	12/15/06 08:22	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	12/15/06 08:22	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	12/15/06 08:22	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.8	12/15/06 08:22	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.9	12/15/06 08:22	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.9	12/15/06 08:22	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.9	12/15/06 08:22	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.9	12/15/06 08:22	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.9	12/15/06 08:22	DLK	142-28-9		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

Lab Sample No: 927770008 | Project Sample Number: 92133687-012 | Date Collected: 12/06/06 08:55
Client Sample ID: MW-6(8-10) | Matrix: Soil | Date Received: 12/08/06 09:45

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	4.9	12/15/06 08:22	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.9	12/15/06 08:22	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.9	12/15/06 08:22	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.9	12/15/06 08:22	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.9	12/15/06 08:22	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	12/15/06 08:22	DLK	87-68-3		
2-Hexanone	ND	ug/kg	49.	12/15/06 08:22	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	12/15/06 08:22	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.9	12/15/06 08:22	DLK	99-87-6		
Methylene chloride	ND	ug/kg	9.8	12/15/06 08:22	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.	12/15/06 08:22	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.9	12/15/06 08:22	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.9	12/15/06 08:22	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	103-65-1		
Styrene	ND	ug/kg	4.9	12/15/06 08:22	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.9	12/15/06 08:22	DLK	127-18-4		
Toluene	ND	ug/kg	4.9	12/15/06 08:22	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.9	12/15/06 08:22	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.9	12/15/06 08:22	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.9	12/15/06 08:22	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	12/15/06 08:22	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	49.	12/15/06 08:22	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.8	12/15/06 08:22	DLK	75-01-4		
m&p-Xylene	ND	ug/kg	9.8	12/15/06 08:22	DLK			
o-Xylene	ND	ug/kg	4.9	12/15/06 08:22	DLK	95-47-6		
Toluene-d8 (S)	101	%		12/15/06 08:22	DLK	2037-26-5		
4-Bromofluorobenzene (S)	100	%		12/15/06 08:22	DLK	460-00-4		
Dibromofluoromethane (S)	106	%		12/15/06 08:22	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	95	%		12/15/06 08:22	DLK	17060-07-0		

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QC Batch: 175256 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs 5035/8260 low level
Associated Lab Samples: 927769943 927769976

METHOD BLANK: 927781054
Associated Lab Samples: 927769943 927769976

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781054
Associated Lab Samples: 927769943 927769976

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	99		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781054
Associated Lab Samples: 927769943 927769976

Parameter	Units	Blank Result	Reporting Limit	Footnotes
4-Bromofluorobenzene (S)	%	100		
Dibromofluoromethane (S)	%	108		
1,2-Dichloroethane-d4 (S)	%	107		

LABORATORY CONTROL SAMPLE: 927781062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	66.53	66	
Benzene	ug/kg	50.00	48.47	97	
Bromobenzene	ug/kg	50.00	49.04	98	
Bromochloromethane	ug/kg	50.00	42.99	86	
Bromodichloromethane	ug/kg	50.00	49.35	99	
Bromoform	ug/kg	50.00	51.14	102	
Bromomethane	ug/kg	50.00	45.68	91	
2-Butanone (MEK)	ug/kg	100.00	116.1	116	
n-Butylbenzene	ug/kg	50.00	45.75	92	
sec-Butylbenzene	ug/kg	50.00	49.24	98	
tert-Butylbenzene	ug/kg	50.00	49.25	98	
Carbon tetrachloride	ug/kg	50.00	50.27	101	
Chlorobenzene	ug/kg	50.00	47.38	95	
Chloroethane	ug/kg	50.00	44.14	88	
Chloroform	ug/kg	50.00	46.90	94	
Chloromethane	ug/kg	50.00	39.99	80	
2-Chlorotoluene	ug/kg	50.00	49.47	99	
4-Chlorotoluene	ug/kg	50.00	48.41	97	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	51.18	102	
Dibromochloromethane	ug/kg	50.00	49.55	99	
1,2-Dibromoethane (EDB)	ug/kg	50.00	49.17	98	
Dibromomethane	ug/kg	50.00	49.32	99	
1,2-Dichlorobenzene	ug/kg	50.00	49.36	99	
1,3-Dichlorobenzene	ug/kg	50.00	48.98	98	
1,4-Dichlorobenzene	ug/kg	50.00	47.51	95	
Dichlorodifluoromethane	ug/kg	50.00	30.24	60	
1,1-Dichloroethane	ug/kg	50.00	44.92	90	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,2-Dichloroethane	ug/kg	50.00	49.02	98	
1,1-Dichloroethene	ug/kg	50.00	55.37	111	
cis-1,2-Dichloroethene	ug/kg	50.00	52.55	105	
trans-1,2-Dichloroethene	ug/kg	50.00	51.05	102	
1,2-Dichloropropane	ug/kg	50.00	49.96	100	
1,3-Dichloropropane	ug/kg	50.00	50.92	102	
2,2-Dichloropropane	ug/kg	50.00	48.60	97	
1,1-Dichloropropene	ug/kg	50.00	47.90	96	
cis-1,3-Dichloropropene	ug/kg	50.00	49.84	100	
trans-1,3-Dichloropropene	ug/kg	50.00	47.08	94	
Diisopropyl ether	ug/kg	50.00	47.53	95	
Ethylbenzene	ug/kg	50.00	47.20	94	
Hexachloro-1,3-butadiene	ug/kg	50.00	53.20	106	
2-Hexanone	ug/kg	100.00	111.5	111	
Isopropylbenzene (Cumene)	ug/kg	50.00	48.18	96	
p-Isopropyltoluene	ug/kg	50.00	43.60	87	
Methylene chloride	ug/kg	50.00	42.19	84	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	111.7	112	
Methyl-tert-butyl ether	ug/kg	50.00	47.24	94	
Naphthalene	ug/kg	50.00	48.84	98	
n-Propylbenzene	ug/kg	50.00	48.78	98	
Styrene	ug/kg	50.00	50.89	102	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	47.83	96	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	49.97	100	
Tetrachloroethene	ug/kg	50.00	46.96	94	
Toluene	ug/kg	50.00	47.06	94	
1,2,3-Trichlorobenzene	ug/kg	50.00	52.42	105	
1,2,4-Trichlorobenzene	ug/kg	50.00	51.76	104	
1,1,1-Trichloroethane	ug/kg	50.00	48.94	98	
1,1,2-Trichloroethane	ug/kg	50.00	49.50	99	
Trichloroethene	ug/kg	50.00	47.10	94	
Trichlorofluoromethane	ug/kg	50.00	45.51	91	
1,2,3-Trichloropropane	ug/kg	50.00	48.28	97	
1,2,4-Trimethylbenzene	ug/kg	50.00	44.55	89	
1,3,5-Trimethylbenzene	ug/kg	50.00	44.39	89	
Vinyl acetate	ug/kg	100.00	104.3	104	
Vinyl chloride	ug/kg	50.00	39.37	79	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
m&p-Xylene	ug/kg	100.00	93.34	93	
o-Xylene	ug/kg	50.00	46.01	92	
Toluene-d8 (S)				98	
4-Bromofluorobenzene (S)				98	
Dibromofluoromethane (S)				101	
1,2-Dichloroethane-d4 (S)				100	

MATRIX SPIKE: 927790865

Parameter	Units	927769943 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Benzene	ug/kg	0	37.36	38.32	103	
Chlorobenzene	ug/kg	0	37.36	36.63	98	
1,1-Dichloroethene	ug/kg	0	37.36	38.93	104	
Toluene	ug/kg	0	37.36	37.64	101	
Trichloroethene	ug/kg	0	37.36	37.45	100	
Toluene-d8 (S)					100	
4-Bromofluorobenzene (S)					97	
Dibromofluoromethane (S)					108	
1,2-Dichloroethane-d4 (S)					102	

SAMPLE DUPLICATE: 927790857

Parameter	Units	927779744 Result	DUP Result	RPD	Footnotes
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927790857

Parameter	Units	927779744 Result	DUP Result	RPD	Footnotes
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927790857

Parameter	Units	927779744 Result	DUP Result	RPD	Footnotes
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	102	100		
4-Bromofluorobenzene (S)	%	99	96		
Dibromofluoromethane (S)	%	111	105		
1,2-Dichloroethane-d4 (S)	%	106	102		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QC Batch: 175257
QC Batch Method: EPA 8260
Associated Lab Samples: 927769935

Analysis Method: EPA 8260
Analysis Description: GC/MS VOCs 5035/8260 low level

METHOD BLANK: 927781112
Associated Lab Samples: 927769935

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781112
Associated Lab Samples: 927769935

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	98		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781112
Associated Lab Samples: 927769935

Parameter	Units	Blank Result	Reporting Limit	Footnotes
4-Bromofluorobenzene (S)	%	94		
Dibromofluoromethane (S)	%	107		
1,2-Dichloroethane-d4 (S)	%	112		

LABORATORY CONTROL SAMPLE: 927781120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	90.56	91	
Benzene	ug/kg	50.00	55.98	112	
Bromobenzene	ug/kg	50.00	52.60	105	
Bromochloromethane	ug/kg	50.00	48.34	97	
Bromodichloromethane	ug/kg	50.00	56.63	113	
Bromoform	ug/kg	50.00	53.17	106	
Bromomethane	ug/kg	50.00	56.22	112	
2-Butanone (MEK)	ug/kg	100.00	132.9	133	
n-Butylbenzene	ug/kg	50.00	47.62	95	
sec-Butylbenzene	ug/kg	50.00	56.14	112	
tert-Butylbenzene	ug/kg	50.00	57.75	116	
Carbon tetrachloride	ug/kg	50.00	57.34	115	
Chlorobenzene	ug/kg	50.00	54.69	109	
Chloroethane	ug/kg	50.00	55.79	112	
Chloroform	ug/kg	50.00	55.14	110	
Chloromethane	ug/kg	50.00	45.88	92	
2-Chlorotoluene	ug/kg	50.00	54.52	109	
4-Chlorotoluene	ug/kg	50.00	51.47	103	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	54.62	109	
Dibromochloromethane	ug/kg	50.00	55.82	112	
1,2-Dibromoethane (EDB)	ug/kg	50.00	54.83	110	
Dibromomethane	ug/kg	50.00	58.14	116	
1,2-Dichlorobenzene	ug/kg	50.00	51.27	103	
1,3-Dichlorobenzene	ug/kg	50.00	48.64	97	
1,4-Dichlorobenzene	ug/kg	50.00	46.98	94	
Dichlorodifluoromethane	ug/kg	50.00	36.19	72	
1,1-Dichloroethane	ug/kg	50.00	54.51	109	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,2-Dichloroethane	ug/kg	50.00	57.13	114	
1,1-Dichloroethene	ug/kg	50.00	63.95	128	
cis-1,2-Dichloroethene	ug/kg	50.00	53.57	107	
trans-1,2-Dichloroethene	ug/kg	50.00	61.09	122	
1,2-Dichloropropane	ug/kg	50.00	58.29	117	
1,3-Dichloropropane	ug/kg	50.00	56.45	113	
2,2-Dichloropropane	ug/kg	50.00	55.38	111	
1,1-Dichloropropene	ug/kg	50.00	58.89	118	
cis-1,3-Dichloropropene	ug/kg	50.00	57.21	114	
trans-1,3-Dichloropropene	ug/kg	50.00	51.54	103	
Diisopropyl ether	ug/kg	50.00	57.95	116	
Ethylbenzene	ug/kg	50.00	55.06	110	
Hexachloro-1,3-butadiene	ug/kg	50.00	54.71	109	
2-Hexanone	ug/kg	100.00	134.8	135	
Isopropylbenzene (Cumene)	ug/kg	50.00	56.90	114	
p-Isopropyltoluene	ug/kg	50.00	49.36	99	
Methylene chloride	ug/kg	50.00	52.62	105	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	123.6	124	
Methyl-tert-butyl ether	ug/kg	50.00	54.19	108	
Naphthalene	ug/kg	50.00	47.85	96	
n-Propylbenzene	ug/kg	50.00	55.13	110	
Styrene	ug/kg	50.00	57.52	115	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	56.16	112	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	56.15	112	
Tetrachloroethene	ug/kg	50.00	54.66	109	
Toluene	ug/kg	50.00	55.27	111	
1,2,3-Trichlorobenzene	ug/kg	50.00	46.73	94	
1,2,4-Trichlorobenzene	ug/kg	50.00	41.67	83	
1,1,1-Trichloroethane	ug/kg	50.00	60.68	121	
1,1,2-Trichloroethane	ug/kg	50.00	55.95	112	
Trichloroethene	ug/kg	50.00	55.54	111	
Trichlorofluoromethane	ug/kg	50.00	57.37	115	
1,2,3-Trichloropropane	ug/kg	50.00	52.83	106	
1,2,4-Trimethylbenzene	ug/kg	50.00	47.80	96	
1,3,5-Trimethylbenzene	ug/kg	50.00	49.17	98	
Vinyl acetate	ug/kg	100.00	29.13	29	1
Vinyl chloride	ug/kg	50.00	48.64	97	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
m&p-Xylene	ug/kg	100.00	109.2	109	
o-Xylene	ug/kg	50.00	54.59	109	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				96	
Dibromofluoromethane (S)				102	
1,2-Dichloroethane-d4 (S)				110	

MATRIX SPIKE: 927791244

Parameter	Units	927754572 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Benzene	ug/kg	0	76.84	80.93	105	
Chlorobenzene	ug/kg	0	76.84	82.89	108	
1,1-Dichloroethene	ug/kg	0	76.84	79.18	103	
Toluene	ug/kg	0	76.84	79.19	103	
Trichloroethene	ug/kg	0	76.84	82.96	108	
Toluene-d8 (S)					100	
4-Bromofluorobenzene (S)					100	
Dibromofluoromethane (S)					103	
1,2-Dichloroethane-d4 (S)					100	

SAMPLE DUPLICATE: 927791251

Parameter	Units	927773374 Result	DUP Result	RPD	Footnotes
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927791251

Parameter	Units	927773374 Result	DUP Result	RPD	Footnotes
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927791251

Parameter	Units	927773374 Result	DUP Result	RPD	Footnotes
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	99	99		
4-Bromofluorobenzene (S)	%	94	96		
Dibromofluoromethane (S)	%	105	104		
1,2-Dichloroethane-d4 (S)	%	101	100		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QC Batch: 175258 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs 5035/8260 low level
Associated Lab Samples: 927769950 927769984

METHOD BLANK: 927781146
Associated Lab Samples: 927769950 927769984

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781146
Associated Lab Samples: 927769950 927769984

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	
Toluene-d8 (S)	%	101		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927781146
Associated Lab Samples: 927769950 927769984

Parameter	Units	Blank Result	Reporting Limit	Footnotes
4-Bromofluorobenzene (S)	%	96		
Dibromofluoromethane (S)	%	114		
1,2-Dichloroethane-d4 (S)	%	111		

LABORATORY CONTROL SAMPLE: 927781153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	72.60	73	
Benzene	ug/kg	50.00	58.04	116	
Bromobenzene	ug/kg	50.00	55.17	110	
Bromochloromethane	ug/kg	50.00	49.89	100	
Bromodichloromethane	ug/kg	50.00	56.41	113	
Bromoform	ug/kg	50.00	56.64	113	
Bromomethane	ug/kg	50.00	56.39	113	
2-Butanone (MEK)	ug/kg	100.00	127.5	128	
n-Butylbenzene	ug/kg	50.00	48.04	96	
sec-Butylbenzene	ug/kg	50.00	59.31	119	
tert-Butylbenzene	ug/kg	50.00	59.62	119	
Carbon tetrachloride	ug/kg	50.00	61.71	123	
Chlorobenzene	ug/kg	50.00	56.67	113	
Chloroethane	ug/kg	50.00	57.49	115	
Chloroform	ug/kg	50.00	53.06	106	
Chloromethane	ug/kg	50.00	47.07	94	
2-Chlorotoluene	ug/kg	50.00	57.44	115	
4-Chlorotoluene	ug/kg	50.00	53.16	106	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	56.25	113	
Dibromochloromethane	ug/kg	50.00	57.21	114	
1,2-Dibromoethane (EDB)	ug/kg	50.00	55.83	112	
Dibromomethane	ug/kg	50.00	54.42	109	
1,2-Dichlorobenzene	ug/kg	50.00	53.95	108	
1,3-Dichlorobenzene	ug/kg	50.00	51.54	103	
1,4-Dichlorobenzene	ug/kg	50.00	49.77	100	
Dichlorodifluoromethane	ug/kg	50.00	36.99	74	
1,1-Dichloroethane	ug/kg	50.00	61.04	122	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,2-Dichloroethane	ug/kg	50.00	62.41	125	
1,1-Dichloroethene	ug/kg	50.00	66.15	132	
cis-1,2-Dichloroethene	ug/kg	50.00	61.39	123	
trans-1,2-Dichloroethene	ug/kg	50.00	62.69	125	
1,2-Dichloropropane	ug/kg	50.00	58.62	117	
1,3-Dichloropropane	ug/kg	50.00	58.08	116	
2,2-Dichloropropane	ug/kg	50.00	57.08	114	
1,1-Dichloropropene	ug/kg	50.00	60.70	121	
cis-1,3-Dichloropropene	ug/kg	50.00	58.24	116	
trans-1,3-Dichloropropene	ug/kg	50.00	51.56	103	
Diisopropyl ether	ug/kg	50.00	58.64	117	
Ethylbenzene	ug/kg	50.00	57.58	115	
Hexachloro-1,3-butadiene	ug/kg	50.00	58.26	117	
2-Hexanone	ug/kg	100.00	128.5	129	
Isopropylbenzene (Cumene)	ug/kg	50.00	58.51	117	
p-Isopropyltoluene	ug/kg	50.00	51.55	103	
Methylene chloride	ug/kg	50.00	55.60	111	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	118.0	118	
Methyl-tert-butyl ether	ug/kg	50.00	53.91	108	
Naphthalene	ug/kg	50.00	48.41	97	
n-Propylbenzene	ug/kg	50.00	55.88	112	
Styrene	ug/kg	50.00	60.75	121	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	58.45	117	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	56.68	113	
Tetrachloroethene	ug/kg	50.00	55.70	111	
Toluene	ug/kg	50.00	55.33	111	
1,2,3-Trichlorobenzene	ug/kg	50.00	46.97	94	
1,2,4-Trichlorobenzene	ug/kg	50.00	43.34	87	
1,1,1-Trichloroethane	ug/kg	50.00	60.54	121	
1,1,2-Trichloroethane	ug/kg	50.00	54.00	108	
Trichloroethene	ug/kg	50.00	55.55	111	
Trichlorofluoromethane	ug/kg	50.00	57.61	115	
1,2,3-Trichloropropane	ug/kg	50.00	53.92	108	
1,2,4-Trimethylbenzene	ug/kg	50.00	50.25	101	
1,3,5-Trimethylbenzene	ug/kg	50.00	52.38	105	
Vinyl acetate	ug/kg	100.00	28.44	28	1
Vinyl chloride	ug/kg	50.00	48.19	96	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927781153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
m&p-Xylene	ug/kg	100.00	113.2	113	
o-Xylene	ug/kg	50.00	57.34	115	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				97	
Dibromofluoromethane (S)				103	
1,2-Dichloroethane-d4 (S)				103	

SAMPLE DUPLICATE: 927791236

Parameter	Units	927769950 Result	DUP Result	RPD	Footnotes
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927791236

Parameter	Units	927769950 Result	DUP Result	RPD	Footnotes
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927791236

Parameter	Units	927769950 Result	DUP Result	RPD	Footnotes
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	101	100		
4-Bromofluorobenzene (S)	%	91	97		
Dibromofluoromethane (S)	%	106	107		
1,2-Dichloroethane-d4 (S)	%	99	102		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QC Batch: 175516 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs 5035/8260 low level
Associated Lab Samples: 927769893 927769901 927769919 927769927 927769968 927769992 927770008

METHOD BLANK: 927795013
Associated Lab Samples: 927769893 927769901 927769919 927769927 927769968 927769992 927770008

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927795013
Associated Lab Samples: 927769893 927769901 927769919 927769927 927769968 927769992 927770008

Parameter	Units	Blank Result	Reporting Limit	Footnotes
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

METHOD BLANK: 927795013
Associated Lab Samples: 927769893 927769901 927769919 927769927 927769968 927769992 927770008

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	100		
4-Bromofluorobenzene (S)	%	100		
Dibromofluoromethane (S)	%	107		
1,2-Dichloroethane-d4 (S)	%	102		

LABORATORY CONTROL SAMPLE: 927795021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	90.98	91	
Benzene	ug/kg	50.00	61.16	122	
Bromobenzene	ug/kg	50.00	56.93	114	
Bromochloromethane	ug/kg	50.00	54.81	110	
Bromodichloromethane	ug/kg	50.00	55.15	110	
Bromoform	ug/kg	50.00	54.26	109	
Bromomethane	ug/kg	50.00	70.20	140	
2-Butanone (MEK)	ug/kg	100.00	128.6	129	
n-Butylbenzene	ug/kg	50.00	48.72	97	
sec-Butylbenzene	ug/kg	50.00	60.43	121	
tert-Butylbenzene	ug/kg	50.00	61.74	123	
Carbon tetrachloride	ug/kg	50.00	64.56	129	
Chlorobenzene	ug/kg	50.00	61.59	123	
Chloroethane	ug/kg	50.00	61.12	122	
Chloroform	ug/kg	50.00	59.10	118	
Chloromethane	ug/kg	50.00	44.55	89	
2-Chlorotoluene	ug/kg	50.00	57.32	115	
4-Chlorotoluene	ug/kg	50.00	56.37	113	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	53.85	108	
Dibromochloromethane	ug/kg	50.00	54.23	108	
1,2-Dibromoethane (EDB)	ug/kg	50.00	60.43	121	
Dibromomethane	ug/kg	50.00	57.34	115	
1,2-Dichlorobenzene	ug/kg	50.00	56.45	113	
1,3-Dichlorobenzene	ug/kg	50.00	54.00	108	
1,4-Dichlorobenzene	ug/kg	50.00	50.29	101	
Dichlorodifluoromethane	ug/kg	50.00	34.20	68	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927795021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,1-Dichloroethane	ug/kg	50.00	59.70	119	
1,2-Dichloroethane	ug/kg	50.00	58.67	117	
1,1-Dichloroethene	ug/kg	50.00	58.30	117	
cis-1,2-Dichloroethene	ug/kg	50.00	60.23	120	
trans-1,2-Dichloroethene	ug/kg	50.00	63.61	127	
1,2-Dichloropropane	ug/kg	50.00	61.96	124	
1,3-Dichloropropane	ug/kg	50.00	60.03	120	
2,2-Dichloropropane	ug/kg	50.00	58.61	117	
1,1-Dichloropropene	ug/kg	50.00	61.28	123	
cis-1,3-Dichloropropene	ug/kg	50.00	54.18	108	
trans-1,3-Dichloropropene	ug/kg	50.00	51.99	104	
Diisopropyl ether	ug/kg	50.00	61.17	122	
Ethylbenzene	ug/kg	50.00	60.06	120	
Hexachloro-1,3-butadiene	ug/kg	50.00	59.31	119	
2-Hexanone	ug/kg	100.00	144.4	144	2
Isopropylbenzene (Cumene)	ug/kg	50.00	64.10	128	
p-Isopropyltoluene	ug/kg	50.00	52.25	105	
Methylene chloride	ug/kg	50.00	52.06	104	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	121.6	122	
Methyl-tert-butyl ether	ug/kg	50.00	55.54	111	
Naphthalene	ug/kg	50.00	46.74	94	
n-Propylbenzene	ug/kg	50.00	58.04	116	
Styrene	ug/kg	50.00	63.31	127	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	65.79	132	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	58.61	117	
Tetrachloroethene	ug/kg	50.00	59.71	119	
Toluene	ug/kg	50.00	58.63	117	
1,2,3-Trichlorobenzene	ug/kg	50.00	49.42	99	
1,2,4-Trichlorobenzene	ug/kg	50.00	44.35	89	
1,1,1-Trichloroethane	ug/kg	50.00	67.64	135	
1,1,2-Trichloroethane	ug/kg	50.00	57.90	116	
Trichloroethene	ug/kg	50.00	60.98	122	
Trichlorofluoromethane	ug/kg	50.00	57.63	115	
1,2,3-Trichloropropane	ug/kg	50.00	55.25	111	
1,2,4-Trimethylbenzene	ug/kg	50.00	51.28	103	
1,3,5-Trimethylbenzene	ug/kg	50.00	52.33	105	
Vinyl acetate	ug/kg	100.00	27.16	27	1

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Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

LABORATORY CONTROL SAMPLE: 927795021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Vinyl chloride	ug/kg	50.00	49.75	100	
m&p-Xylene	ug/kg	100.00	119.6	120	
o-Xylene	ug/kg	50.00	59.51	119	
Toluene-d8 (S)				99	
4-Bromofluorobenzene (S)				100	
Dibromofluoromethane (S)				101	
1,2-Dichloroethane-d4 (S)				99	

MATRIX SPIKE: 927796771

Parameter	Units	927769968 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Benzene	ug/kg	0	46.91	46.59	99	
Chlorobenzene	ug/kg	0	46.91	43.31	92	
1,1-Dichloroethene	ug/kg	0	46.91	45.35	97	
Toluene	ug/kg	0	46.91	42.76	91	
Trichloroethene	ug/kg	0	46.91	45.75	98	
Toluene-d8 (S)					102	
4-Bromofluorobenzene (S)					100	
Dibromofluoromethane (S)					108	
1,2-Dichloroethane-d4 (S)					96	

SAMPLE DUPLICATE: 927796789

Parameter	Units	927769901 Result	DUP Result	RPD	Footnotes
Acetone	ug/kg	ND	ND	NC	
Benzene	ug/kg	ND	ND	NC	
Bromobenzene	ug/kg	ND	ND	NC	
Bromochloromethane	ug/kg	ND	ND	NC	
Bromodichloromethane	ug/kg	ND	ND	NC	
Bromoform	ug/kg	ND	ND	NC	
Bromomethane	ug/kg	ND	ND	NC	
2-Butanone (MEK)	ug/kg	ND	ND	NC	
n-Butylbenzene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927796789

Parameter	Units	927769901 Result	DUP Result	RPD	Footnotes
sec-Butylbenzene	ug/kg	ND	ND	NC	
tert-Butylbenzene	ug/kg	ND	ND	NC	
Carbon tetrachloride	ug/kg	ND	ND	NC	
Chlorobenzene	ug/kg	ND	ND	NC	
Chloroethane	ug/kg	ND	ND	NC	
Chloroform	ug/kg	ND	ND	NC	
Chloromethane	ug/kg	ND	ND	NC	
2-Chlorotoluene	ug/kg	ND	ND	NC	
4-Chlorotoluene	ug/kg	ND	ND	NC	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	NC	
Dibromochloromethane	ug/kg	ND	ND	NC	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	NC	
Dibromomethane	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
Dichlorodifluoromethane	ug/kg	ND	ND	NC	
1,1-Dichloroethane	ug/kg	ND	ND	NC	
1,2-Dichloroethane	ug/kg	ND	ND	NC	
1,1-Dichloroethene	ug/kg	ND	ND	NC	
cis-1,2-Dichloroethene	ug/kg	ND	ND	NC	
trans-1,2-Dichloroethene	ug/kg	ND	ND	NC	
1,2-Dichloropropane	ug/kg	ND	ND	NC	
1,3-Dichloropropane	ug/kg	ND	ND	NC	
2,2-Dichloropropane	ug/kg	ND	ND	NC	
1,1-Dichloropropene	ug/kg	ND	ND	NC	
cis-1,3-Dichloropropene	ug/kg	ND	ND	NC	
trans-1,3-Dichloropropene	ug/kg	ND	ND	NC	
Diisopropyl ether	ug/kg	ND	ND	NC	
Ethylbenzene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
2-Hexanone	ug/kg	ND	ND	NC	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	NC	
p-Isopropyltoluene	ug/kg	ND	ND	NC	
Methylene chloride	ug/kg	ND	ND	NC	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	NC	
Methyl-tert-butyl ether	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

SAMPLE DUPLICATE: 927796789

Parameter	Units	927769901 Result	DUP Result	RPD	Footnotes
Naphthalene	ug/kg	ND	ND	NC	
n-Propylbenzene	ug/kg	ND	ND	NC	
Styrene	ug/kg	ND	ND	NC	
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	NC	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	NC	
Tetrachloroethene	ug/kg	ND	ND	NC	
Toluene	ug/kg	ND	ND	NC	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
1,1,1-Trichloroethane	ug/kg	ND	ND	NC	
1,1,2-Trichloroethane	ug/kg	ND	ND	NC	
Trichloroethene	ug/kg	ND	ND	NC	
Trichlorofluoromethane	ug/kg	ND	ND	NC	
1,2,3-Trichloropropane	ug/kg	ND	ND	NC	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	NC	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	NC	
Vinyl acetate	ug/kg	ND	ND	NC	
Vinyl chloride	ug/kg	ND	ND	NC	
m&p-Xylene	ug/kg	ND	ND	NC	
o-Xylene	ug/kg	ND	ND	NC	
Toluene-d8 (S)	%	97	101		
4-Bromofluorobenzene (S)	%	96	84		
Dibromofluoromethane (S)	%	110	114		
1,2-Dichloroethane-d4 (S)	%	99	101		

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QUALITY CONTROL DATA

Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QC Batch: 175136
Analysis Method: % Moisture
QC Batch Method:
Analysis Description: Percent Moisture
Associated Lab Samples: 927769893 927769901 927769919 927769927 927769935 927769943 927769950 927769968 927769976 927769984 927769992 927770008

SAMPLE DUPLICATE: 927776401

Parameter	Units	927769075 Result	DUP Result	RPD	Footnotes
Percent Moisture	%	22.90	23.00	1	

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Lab Project Number: 92133687
Client Project ID: Affinia-Wix 41284

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.
[2]	Recovery falls outside of QC limits, however, this compound is not found in the associated samples.

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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: of 1044212

Section A Required Client Information:

Company: ERM	
Address: 795 Wando Park Blvd, Mount Pleasant SC 29464	
Email To: mark.easterbrook@erm.com	
Phone: 843-884-7010	Fax: 843-856-4283
Requested Due Date/TAT: Standard TAT	

Section B Required Project Information:

Report To: Mark Easterbrook	
Copy To: Todd Anderly, todd.anderly@erm.com	
Purchase Order No.: 48284	
Project Name: Affinia - Wix	
Project Number: 412841	

Section C Invoice Information:

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

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☒SC ☐WI ☐OTHER

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	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	Filtered (Y/N)	Requested Analysis: 8260B	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	GP-15(10-20)	SL	G			12/7/06	1145		4	1				2	1		4				92164043
2	GP-13(10-20)	SL	G			12/7/06	1025		4	1				2	1		4				901
3	GP-14(10-20)	SL	G			12/7/06	1100		4	1				2	1		4				911
4	GP-1[illegible](6-8)	SL	G			12/7/06	0809		4	1				2	1		4				917
5	MW-7(4-6)	SL	G			12/4/06	1450		4	1				2	1		4				945
6	MW-8(4-6)	SL	G			12/5/06	0950		4	1				2	1		4				943
7	MW-9(6-8)	SL	G			12/6/06	1335		4	1				2	1		4				910
8	GP-9(4-6)	SL	G			12/6/06	1552		4	1				2	1		4				908
9	GP-10(6-8)	SL	G			12/5/06	1500		4	1				2	1		4				916
10	GP-11(8-10)	SL	G			12/5/06	1330		4	1				2	1		4				904
11	MW-5(12-14)	SL	G			12/6/06	1044		4	1				2	1		4				942
12	MW-6(8-10)	SL	G			12/6/06	0855		4	1				2	1		4				000

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
Mark Easterbrook / ERM		1310	[illegible]	[illegible]	[illegible]		Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

Temp in °C | Received on Ice | Custody Sealed Cooler | Samples Intact

Additional Comments:

Accurate Representation of Original Document

Poor Quality Original

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark Easterbrook

SIGNATURE of SAMPLER: Mark Easterbrook

DATE Signed (MM / DD / YY): 12/07/06

SEE REVERSE SIDE FOR INSTRUCTIONS

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RECEIVED
JAN 2 5 2007

January 16, 2007

Mr. Mark Easterbrook
ERM-Southeast
498 Wando Park Blvd
Suite 100
Mt Pleasant, SC 29464

RE: Lab Project Number: 92135405
Client Project ID: WIX 41284

Dear Mr. Easterbrook:

Enclosed are the analytical results for sample(s) received by the laboratory on January 5, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

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

Sincerely,

Annette Scott

Annette Scott
annette.scott@pacelabs.com
(704) 875-9092 ext. 233
Project Manager

Enclosures

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Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863282
Client Sample ID: MW-5

Project Sample Number: 92135405-001
Matrix: Water

Date Collected: 01/04/07 10:25
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Volatiles								
GC/MS VOCs by 8260, low level	Method: EPA 8260							
Acetone	ND	ug/l	25.	01/12/07 03:20	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 03:20	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 03:20	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 03:20	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 03:20	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 03:20	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 03:20	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 03:20	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 03:20	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 03:20	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 03:20	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 03:20	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 03:20	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 03:20	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 03:20	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 03:20	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 03:20	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 03:20	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 03:20	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 03:20	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	100-41-4		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863282
Client Sample ID: MW-5

Project Sample Number: 92135405-001
Matrix: Water

Date Collected: 01/04/07 10:25
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 03:20	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 03:20	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 03:20	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 03:20	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 03:20	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 03:20	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 03:20	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 03:20	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 03:20	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 03:20	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/12/07 03:20	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 03:20	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 03:20	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 03:20	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 03:20	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 03:20	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 03:20	MSF	95-47-6		
Toluene-d8 (S)	100	%		01/12/07 03:20	MSF	2037-26-5		
4-Bromofluorobenzene (S)	99	%		01/12/07 03:20	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/12/07 03:20	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		01/12/07 03:20	MSF	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863290
Client Sample ID: MW-6

Project Sample Number: 92135405-002
Matrix: Water

Date Collected: 01/04/07 11:00
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/12/07 03:43	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 03:43	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 03:43	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 03:43	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 03:43	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 03:43	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 03:43	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 03:43	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 03:43	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 03:43	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 03:43	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 03:43	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 03:43	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 03:43	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 03:43	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 03:43	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 03:43	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 03:43	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 03:43	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 03:43	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	100-41-4		

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Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863290
Client Sample ID: MW-6

Project Sample Number: 92135405-002
Matrix: Water

Date Collected: 01/04/07 11:00
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 03:43	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 03:43	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 03:43	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 03:43	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 03:43	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 03:43	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 03:43	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 03:43	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 03:43	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 03:43	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/12/07 03:43	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 03:43	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 03:43	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 03:43	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 03:43	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 03:43	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 03:43	MSF	95-47-6		
Toluene-d8 (S)	99	%		01/12/07 03:43	MSF	2037-26-5		
4-Bromofluorobenzene (S)	96	%		01/12/07 03:43	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/12/07 03:43	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		01/12/07 03:43	MSF	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863308
Client Sample ID: MW-7

Project Sample Number: 92135405-003
Matrix: Water

Date Collected: 01/04/07 11:50
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/12/07 04:07	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 04:07	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 04:07	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 04:07	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 04:07	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 04:07	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 04:07	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:07	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:07	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 04:07	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 04:07	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 04:07	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 04:07	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 04:07	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 04:07	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:07	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 04:07	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:07	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 04:07	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 04:07	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	100-41-4		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863308
Client Sample ID: MW-7

Project Sample Number: 92135405-003
Matrix: Water

Date Collected: 01/04/07 11:50
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 04:07	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 04:07	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 04:07	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 04:07	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 04:07	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 04:07	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 04:07	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 04:07	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 04:07	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 04:07	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/12/07 04:07	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 04:07	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 04:07	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:07	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 04:07	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 04:07	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 04:07	MSF	95-47-6		
Toluene-d8 (S)	99	%		01/12/07 04:07	MSF	2037-26-5		
4-Bromofluorobenzene (S)	96	%		01/12/07 04:07	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/12/07 04:07	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		01/12/07 04:07	MSF	17060-07-0		

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Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863316
Client Sample ID: MW-8

Project Sample Number: 92135405-004
Matrix: Water

Date Collected: 01/04/07 13:35
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/12/07 04:30	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 04:30	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 04:30	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 04:30	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 04:30	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 04:30	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 04:30	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:30	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:30	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 04:30	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 04:30	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 04:30	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 04:30	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 04:30	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 04:30	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:30	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 04:30	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:30	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 04:30	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 04:30	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	100-41-4		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863316
Client Sample ID: MW-8

Project Sample Number: 92135405-004
Matrix: Water

Date Collected: 01/04/07 13:35
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 04:30	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 04:30	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 04:30	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 04:30	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 04:30	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 04:30	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 04:30	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 04:30	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 04:30	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 04:30	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/12/07 04:30	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 04:30	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 04:30	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:30	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 04:30	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 04:30	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 04:30	MSF	95-47-6		
Toluene-d8 (S)	99	%		01/12/07 04:30	MSF	2037-26-5		
4-Bromofluorobenzene (S)	96	%		01/12/07 04:30	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/12/07 04:30	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	98	%		01/12/07 04:30	MSF	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863324
Client Sample ID: MW-9

Project Sample Number: 92135405-005
Matrix: Water

Date Collected: 01/04/07 14:30
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Volatiles								
GC/MS VOCs by 8260, low level	Method: EPA 8260							
Acetone	ND	ug/l	25.	01/12/07 04:54	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 04:54	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 04:54	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 04:54	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 04:54	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 04:54	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 04:54	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:54	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 04:54	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 04:54	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 04:54	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 04:54	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 04:54	MSF	75-35-4		
cis-1,2-Dichloroethene	3.0	ug/l	1.0	01/12/07 04:54	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 04:54	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:54	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 04:54	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 04:54	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 04:54	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 04:54	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	100-41-4		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863324
Client Sample ID: MW-9

Project Sample Number: 92135405-005
Matrix: Water

Date Collected: 01/04/07 14:30
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 04:54	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 04:54	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 04:54	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 04:54	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 04:54	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 04:54	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 04:54	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 04:54	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 04:54	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 04:54	MSF	79-00-5		
Trichloroethene	1.7	ug/l	1.0	01/12/07 04:54	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 04:54	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 04:54	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 04:54	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 04:54	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 04:54	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 04:54	MSF	95-47-6		
Toluene-d8 (S)	98	%		01/12/07 04:54	MSF	2037-26-5		
4-Bromofluorobenzene (S)	97	%		01/12/07 04:54	MSF	460-00-4		
Dibromofluoromethane (S)	104	%		01/12/07 04:54	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	100	%		01/12/07 04:54	MSF	17060-07-0		

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Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863332
Client Sample ID: DUP-1

Project Sample Number: 92135405-006
Matrix: Water

Date Collected: 01/04/07 00:00
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/12/07 05:17	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/12/07 05:17	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/12/07 05:17	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/12/07 05:17	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/12/07 05:17	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/12/07 05:17	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/12/07 05:17	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/12/07 05:17	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/12/07 05:17	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/12/07 05:17	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/12/07 05:17	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/12/07 05:17	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/12/07 05:17	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 05:17	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/12/07 05:17	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/12/07 05:17	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/12/07 05:17	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/12/07 05:17	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/12/07 05:17	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/12/07 05:17	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	100-41-4		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863332
Client Sample ID: DUP-1

Project Sample Number: 92135405-006
Matrix: Water

Date Collected: 01/04/07 00:00
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/12/07 05:17	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/12/07 05:17	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/12/07 05:17	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/12/07 05:17	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/12/07 05:17	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/12/07 05:17	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/12/07 05:17	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/12/07 05:17	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/12/07 05:17	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/12/07 05:17	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/12/07 05:17	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/12/07 05:17	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/12/07 05:17	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/12/07 05:17	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/12/07 05:17	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/12/07 05:17	MSF			
o-Xylene	ND	ug/l	1.0	01/12/07 05:17	MSF	95-47-6		
Toluene-d8 (S)	100	%		01/12/07 05:17	MSF	2037-26-5		
4-Bromofluorobenzene (S)	97	%		01/12/07 05:17	MSF	460-00-4		
Dibromofluoromethane (S)	103	%		01/12/07 05:17	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		01/12/07 05:17	MSF	17060-07-0		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863340
Client Sample ID: FB-1

Project Sample Number: 92135405-007
Matrix: Water

Date Collected: 01/04/07 13:00
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/11/07 02:36	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/11/07 02:36	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/11/07 02:36	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/11/07 02:36	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/11/07 02:36	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/11/07 02:36	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/11/07 02:36	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/11/07 02:36	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/11/07 02:36	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/11/07 02:36	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/11/07 02:36	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/11/07 02:36	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/11/07 02:36	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 02:36	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 02:36	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/11/07 02:36	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/11/07 02:36	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/11/07 02:36	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/11/07 02:36	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/11/07 02:36	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	100-41-4		

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Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863340
Client Sample ID: FB-1

Project Sample Number: 92135405-007
Matrix: Water

Date Collected: 01/04/07 13:00
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/11/07 02:36	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/11/07 02:36	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/11/07 02:36	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/11/07 02:36	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/11/07 02:36	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/11/07 02:36	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/11/07 02:36	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/11/07 02:36	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/11/07 02:36	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/11/07 02:36	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/11/07 02:36	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/11/07 02:36	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/11/07 02:36	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/11/07 02:36	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/11/07 02:36	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/11/07 02:36	MSF			
o-Xylene	ND	ug/l	1.0	01/11/07 02:36	MSF	95-47-6		
Toluene-d8 (S)	100	%		01/11/07 02:36	MSF	2037-26-5		
4-Bromofluorobenzene (S)	94	%		01/11/07 02:36	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/11/07 02:36	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		01/11/07 02:36	MSF	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863357
Client Sample ID: EB-1

Project Sample Number: 92135405-008
Matrix: Water

Date Collected: 01/04/07 13:35
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Volatiles								
GC/MS VOCs by 8260, low level	Method: EPA 8260							
Acetone	ND	ug/l	25.	01/11/07 03:00	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/11/07 03:00	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/11/07 03:00	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/11/07 03:00	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/11/07 03:00	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/11/07 03:00	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/11/07 03:00	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/11/07 03:00	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/11/07 03:00	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/11/07 03:00	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/11/07 03:00	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/11/07 03:00	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/11/07 03:00	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 03:00	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 03:00	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/11/07 03:00	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/11/07 03:00	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/11/07 03:00	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/11/07 03:00	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/11/07 03:00	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	100-41-4		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863357
Client Sample ID: EB-1

Project Sample Number: 92135405-008
Matrix: Water

Date Collected: 01/04/07 13:35
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/11/07 03:00	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/11/07 03:00	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/11/07 03:00	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/11/07 03:00	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/11/07 03:00	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/11/07 03:00	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/11/07 03:00	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/11/07 03:00	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/11/07 03:00	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/11/07 03:00	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/11/07 03:00	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/11/07 03:00	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/11/07 03:00	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/11/07 03:00	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/11/07 03:00	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/11/07 03:00	MSF			
o-Xylene	ND	ug/l	1.0	01/11/07 03:00	MSF	95-47-6		
Toluene-d8 (S)	100	%		01/11/07 03:00	MSF	2037-26-5		
4-Bromofluorobenzene (S)	95	%		01/11/07 03:00	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/11/07 03:00	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		01/11/07 03:00	MSF	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863365
Client Sample ID: TB-1

Project Sample Number: 92135405-009
Matrix: Water

Date Collected: 01/04/07 00:00
Date Received: 01/05/07 09:30

GC/MS Volatiles

GC/MS VOCs by 8260, low level — Method: EPA 8260

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Acetone	ND	ug/l	25.	01/11/07 02:13	MSF	67-64-1		
Benzene	ND	ug/l	1.0	01/11/07 02:13	MSF	71-43-2		
Bromobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	108-86-1		
Bromochloromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	75-27-4		
Bromoform	ND	ug/l	1.0	01/11/07 02:13	MSF	75-25-2		
Bromomethane	ND	ug/l	1.0	01/11/07 02:13	MSF	74-83-9		
2-Butanone (MEK)	ND	ug/l	5.0	01/11/07 02:13	MSF	78-93-3		
n-Butylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	01/11/07 02:13	MSF	56-23-5		
Chlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	108-90-7		
Chloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	75-00-3		
Chloroform	ND	ug/l	1.0	01/11/07 02:13	MSF	67-66-3		
Chloromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	01/11/07 02:13	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	01/11/07 02:13	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0	01/11/07 02:13	MSF	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	01/11/07 02:13	MSF	106-93-4		
Dibromomethane	ND	ug/l	1.0	01/11/07 02:13	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	01/11/07 02:13	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 02:13	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	01/11/07 02:13	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	01/11/07 02:13	MSF	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	01/11/07 02:13	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	01/11/07 02:13	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	01/11/07 02:13	MSF	563-58-6		
Diisopropyl ether	ND	ug/l	1.0	01/11/07 02:13	MSF	108-20-3		
Ethylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	100-41-4		

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Lab Project Number: 92135405
Client Project ID: WIX 41284

Lab Sample No: 927863365
Client Sample ID: TB-1

Project Sample Number: 92135405-009
Matrix: Water

Date Collected: 01/04/07 00:00
Date Received: 01/05/07 09:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Hexachloro-1,3-butadiene	ND	ug/l	1.0	01/11/07 02:13	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	01/11/07 02:13	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	01/11/07 02:13	MSF	99-87-6		
Methylene chloride	ND	ug/l	2.0	01/11/07 02:13	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	01/11/07 02:13	MSF	1634-04-4		
Naphthalene	ND	ug/l	1.0	01/11/07 02:13	MSF	91-20-3		
n-Propylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	103-65-1		
Styrene	ND	ug/l	1.0	01/11/07 02:13	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	01/11/07 02:13	MSF	127-18-4		
Toluene	ND	ug/l	1.0	01/11/07 02:13	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	01/11/07 02:13	MSF	79-00-5		
Trichloroethene	ND	ug/l	1.0	01/11/07 02:13	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	01/11/07 02:13	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	01/11/07 02:13	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	01/11/07 02:13	MSF	108-67-8		
Vinyl chloride	ND	ug/l	1.0	01/11/07 02:13	MSF	75-01-4		
m&p-Xylene	ND	ug/l	2.0	01/11/07 02:13	MSF			
o-Xylene	ND	ug/l	1.0	01/11/07 02:13	MSF	95-47-6		
Toluene-d8 (S)	100	%		01/11/07 02:13	MSF	2037-26-5		
4-Bromofluorobenzene (S)	95	%		01/11/07 02:13	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		01/11/07 02:13	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		01/11/07 02:13	MSF	17060-07-0		

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Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92135405
Client Project ID: WIX 41284

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Lab Project Number: 92135405
Client Project ID: WIX 41284

QC Batch: 177552 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: GC/MS VOCs by 8260, low level
Associated Lab Samples: 927863282 927863290 927863308 927863316 927863324 927863332 927863340 927863357 927863365

METHOD BLANK: 927878272
Associated Lab Samples: 927863282 927863290 927863308 927863316 927863324 927863332 927863340 927863357 927863365

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/l	ND	25.	
Benzene	ug/l	ND	1.0	
Bromobenzene	ug/l	ND	1.0	
Bromochloromethane	ug/l	ND	1.0	
Bromodichloromethane	ug/l	ND	1.0	
Bromoform	ug/l	ND	1.0	
Bromomethane	ug/l	ND	1.0	
2-Butanone (MEK)	ug/l	ND	5.0	
n-Butylbenzene	ug/l	ND	1.0	
sec-Butylbenzene	ug/l	ND	1.0	
tert-Butylbenzene	ug/l	ND	1.0	
Carbon tetrachloride	ug/l	ND	1.0	
Chlorobenzene	ug/l	ND	1.0	
Chloroethane	ug/l	ND	1.0	
Chloroform	ug/l	ND	1.0	
Chloromethane	ug/l	ND	1.0	
2-Chlorotoluene	ug/l	ND	1.0	
4-Chlorotoluene	ug/l	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/l	ND	1.0	
Dibromochloromethane	ug/l	ND	1.0	
1,2-Dibromoethane (EDB)	ug/l	ND	1.0	
Dibromomethane	ug/l	ND	1.0	
1,2-Dichlorobenzene	ug/l	ND	1.0	
1,3-Dichlorobenzene	ug/l	ND	1.0	
1,4-Dichlorobenzene	ug/l	ND	1.0	
Dichlorodifluoromethane	ug/l	ND	1.0	
1,1-Dichloroethane	ug/l	ND	1.0	
1,2-Dichloroethane	ug/l	ND	1.0	
1,1-Dichloroethene	ug/l	ND	1.0	

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QUALITY CONTROL DATA

Lab Project Number: 92135405
Client Project ID: WIX 41284

METHOD BLANK: 927878272
Associated Lab Samples: 927863282 927863290 927863308 927863316 927863324 927863332 927863340 927863357 927863365

Parameter	Units	Blank Result	Reporting Limit	Footnotes
cis-1,2-Dichloroethene	ug/l	ND	1.0	
trans-1,2-Dichloroethene	ug/l	ND	1.0	
1,2-Dichloropropane	ug/l	ND	1.0	
1,3-Dichloropropane	ug/l	ND	1.0	
2,2-Dichloropropane	ug/l	ND	1.0	
1,1-Dichloropropene	ug/l	ND	1.0	
Diisopropyl ether	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Hexachloro-1,3-butadiene	ug/l	ND	1.0	
Isopropylbenzene (Cumene)	ug/l	ND	1.0	
p-Isopropyltoluene	ug/l	ND	1.0	
Methylene chloride	ug/l	ND	2.0	
Methyl-tert-butyl ether	ug/l	ND	1.0	
Naphthalene	ug/l	ND	1.0	
n-Propylbenzene	ug/l	ND	1.0	
Styrene	ug/l	ND	1.0	
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/l	ND	1.0	
Tetrachloroethene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
1,2,3-Trichlorobenzene	ug/l	ND	1.0	
1,2,4-Trichlorobenzene	ug/l	ND	1.0	
1,1,1-Trichloroethane	ug/l	ND	1.0	
1,1,2-Trichloroethane	ug/l	ND	1.0	
Trichloroethene	ug/l	ND	1.0	
Trichlorofluoromethane	ug/l	ND	1.0	
1,2,3-Trichloropropane	ug/l	ND	1.0	
1,2,4-Trimethylbenzene	ug/l	ND	1.0	
1,3,5-Trimethylbenzene	ug/l	ND	1.0	
Vinyl chloride	ug/l	ND	1.0	
m&p-Xylene	ug/l	ND	2.0	
o-Xylene	ug/l	ND	1.0	
Toluene-d8 (S)	%	101		
4-Bromofluorobenzene (S)	%	95		
Dibromofluoromethane (S)	%	103		

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QUALITY CONTROL DATA

Lab Project Number: 92135405
Client Project ID: WIX 41284

METHOD BLANK: 927878272
Associated Lab Samples: 927863282 927863290 927863308 927863316 927863324 927863332 927863340 927863357 927863365

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloroethane-d4 (S)	%	101		

LABORATORY CONTROL SAMPLE: 927878280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/l	100.00	94.85	95	
Benzene	ug/l	50.00	52.80	106	
Bromobenzene	ug/l	50.00	53.43	107	
Bromochloromethane	ug/l	50.00	51.65	103	
Bromodichloromethane	ug/l	50.00	56.97	114	
Bromoform	ug/l	50.00	46.95	94	
Bromomethane	ug/l	50.00	45.71	91	
2-Butanone (MEK)	ug/l	100.00	101.2	101	
n-Butylbenzene	ug/l	50.00	50.10	100	
sec-Butylbenzene	ug/l	50.00	55.83	112	
tert-Butylbenzene	ug/l	50.00	55.86	112	
Carbon tetrachloride	ug/l	50.00	54.91	110	
Chlorobenzene	ug/l	50.00	51.93	104	
Chloroethane	ug/l	50.00	47.97	96	
Chloroform	ug/l	50.00	53.46	107	
Chloromethane	ug/l	50.00	47.67	95	
2-Chlorotoluene	ug/l	50.00	54.72	109	
4-Chlorotoluene	ug/l	50.00	55.27	111	
1,2-Dibromo-3-chloropropane	ug/l	50.00	44.84	90	
Dibromochloromethane	ug/l	50.00	55.01	110	
1,2-Dibromoethane (EDB)	ug/l	50.00	54.06	108	
Dibromomethane	ug/l	50.00	51.34	103	
1,2-Dichlorobenzene	ug/l	50.00	53.21	106	
1,3-Dichlorobenzene	ug/l	50.00	52.85	106	
1,4-Dichlorobenzene	ug/l	50.00	51.27	103	
Dichlorodifluoromethane	ug/l	50.00	45.28	91	
1,1-Dichloroethane	ug/l	50.00	54.78	110	
1,2-Dichloroethane	ug/l	50.00	51.59	103	

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QUALITY CONTROL DATA

Lab Project Number: 92135405
Client Project ID: WIX 41284

LABORATORY CONTROL SAMPLE: 927878280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,1-Dichloroethene	ug/l	50.00	58.04	116	
cis-1,2-Dichloroethene	ug/l	50.00	53.48	107	
trans-1,2-Dichloroethene	ug/l	50.00	56.85	114	
1,2-Dichloropropane	ug/l	50.00	53.60	107	
1,3-Dichloropropane	ug/l	50.00	51.67	103	
2,2-Dichloropropane	ug/l	50.00	50.26	101	
1,1-Dichloropropene	ug/l	50.00	55.76	112	
Diisopropyl ether	ug/l	50.00	56.12	112	
Ethylbenzene	ug/l	50.00	52.63	105	
Hexachloro-1,3-butadiene	ug/l	50.00	55.29	111	
Isopropylbenzene (Cumene)	ug/l	50.00	54.50	109	
p-Isopropyltoluene	ug/l	50.00	50.13	100	
Methylene chloride	ug/l	50.00	45.84	92	
Methyl-tert-butyl ether	ug/l	50.00	52.40	105	
Naphthalene	ug/l	50.00	43.21	86	
n-Propylbenzene	ug/l	50.00	55.06	110	
Styrene	ug/l	50.00	56.01	112	
1,1,1,2-Tetrachloroethane	ug/l	50.00	53.59	107	
1,1,2,2-Tetrachloroethane	ug/l	50.00	48.90	98	
Tetrachloroethene	ug/l	50.00	51.79	104	
Toluene	ug/l	50.00	51.48	103	
1,2,3-Trichlorobenzene	ug/l	50.00	53.86	108	
1,2,4-Trichlorobenzene	ug/l	50.00	52.49	105	
1,1,1-Trichloroethane	ug/l	50.00	57.92	116	
1,1,2-Trichloroethane	ug/l	50.00	51.85	104	
Trichloroethene	ug/l	50.00	51.05	102	
Trichlorofluoromethane	ug/l	50.00	59.30	119	
1,2,3-Trichloropropane	ug/l	50.00	50.08	100	
1,2,4-Trimethylbenzene	ug/l	50.00	49.42	99	
1,3,5-Trimethylbenzene	ug/l	50.00	49.93	100	
Vinyl chloride	ug/l	50.00	50.24	100	
m&p-Xylene	ug/l	100.00	105.3	105	
o-Xylene	ug/l	50.00	53.31	107	
Toluene-d8 (S)				102	
4-Bromofluorobenzene (S)				98	
Dibromofluoromethane (S)				101	
1,2-Dichloroethane-d4 (S)				104	

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QUALITY CONTROL DATA

Lab Project Number: 92135405
Client Project ID: WIX 41284

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 927878660 927878678

Parameter	Units	927875831 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Benzene	ug/l	0	50.00	58.06	56.27	116	112	3	
Chlorobenzene	ug/l		50.00	55.49	53.39			4	
1,1-Dichloroethene	ug/l		50.00	63.76	61.29			4	
Toluene	ug/l	0	50.00	55.61	53.34	111	107	4	
Trichloroethene	ug/l		50.00	52.33	50.94			3	
Toluene-d8 (S)						101	101		
4-Bromofluorobenzene (S)						95	96		
Dibromofluoromethane (S)						102	102		
1,2-Dichloroethane-d4 (S)						101	101		

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Lab Project Number: 92135405
Client Project ID: WIX 41284

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference
(S)	Surrogate

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

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Section A Required Client Information:

Company	Elm Creek
Address	292 Landfill Rd
	Sauk Rapids
Email To:	mark.eastebrooks@elm.com
Phone	320-252-4270
Fax	" " 4283
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Mark Eastebrooks
Copy To:	
Purchase Order No.:	
Project Name:	Dix
Project Number:	417284

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	AS
Pace Profile #:	4232-2

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☒SC ☐WI ☐OTHER_____

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	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	Analysis: 426C8	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D 9135465
1	MW-5	WT	G	1/4/07	1025	1/4/07		17.6	3				3					3		9135463
2	MW-6				1100			19.3												3310
3	MW-7				1150			16.6												3308
4	MW-4				1335			17.6												3316
5	MW-9				1430			17.8												324
6	DUP-1				—															3332
7	FB-1				1300															3310
8	EB-1				1335															3357
9	TB-1			—	—				3				3					X		3345
10																				
11																				
12																				

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[illegible]	1/4/07	[illegible]	[illegible]	1/4/07	[illegible]

SAMPLE CONDITION: Temp in °C ___ Received on Ice Y/N ___ Custody Sealed Cooler Y/N ___ Samples Intact Y/N ___

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Christopher Stone

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 1/4/07

Additional Comments:

Accurate Representation of Original Document

Poor Quality Original

SEE REVERSE SIDE FOR INSTRUCTIONS

ALLQ020rev.3,31Mar05

Appendix C
Well Development Records

MONITORING WELL DEVELOPMENT RECORD

ERM

WELL NUMBER: Mw-5
PROJECT NUMBER: 41284
PROJECT NAME: Affinia-Wix
DATE INSTALLED: 12/6/06
DATE DEVELOPED: 12/7/06

WELL DATA

Constructed Depth of Well (ft.): ~~15.90~~ 15.90 (TOC)
Radius of Well, r_c (ft.): r_c = 0.0833
Radius of Borehole/Sand Pack, r_a (ft.): r_a = .1722
Vertical Length of Standing Water in Well Casing, h_s (ft.): h_s = 14.50
Effective Porosity of Sand Pack Material, n_e: n_e = 0.35
Height of Well Casing Above/Below Ground Surface (ft.): 4.28 (cut off to make flush)

MEASUREMENTS AND CALCULATIONS

Depth to Static Water Before Development (ft.): 0.90
Depth to Top of Sediment Before Development (ft.): 15.40
Vertical Length of Standing Water in Well Casing, h_c (ft.): h_c = 14.50
Volume of Water in Well and Sand Pack Prior to Development, V (gallons) where: V = 5.74

$$V = \pi\, 7.48\ \text{gal/ft.}^3\, [\,(r_c^{\,2} h_c) + n_e h_s (r_a^{\,2} - r_c^{\,2})]$$

Nominal Quantity of Water to Remove for Development (gallons) (This is = 5V unless otherwise justified): 5v = 28.7

DEVELOPMENT OBSERVATIONS

Physical Character of Water: murky (muck on bottom); clearing up; slightly turbid after 30 gal.

Type and Size of Well Development and Measuring Equipment: Whale pump with poly tubing; Oakton pH meter (pH, temp, Sp. cond.)

Weather Observations: mostly cloudy, low 50's

Parameter	Gallons Removed from Well							
	0	10	18	20	25	29	35	40
Time	1530	1538	1545	1547	1550	1553	1558	1602
Spec. Conductance (μmhos/cm)	124.6	82.9	79.9	76.4	76.0	76.0	75.3	76.2
Temperature (°C)	18.2	19.5	19.5	19.7	19.7	19.7	19.5	19.2
PH (Standard Units)	5.94	5.15	4.86	4.76	4.72	4.77	4.74	4.70

Total Quantity of Water Removed (gallons): 45
Depth of Static Water After Development (ft.): 6.5 (coming up rapidly)
Depth to Top of Sediment After Development (ft.): 15.6

ERM

MONITORING WELL DEVELOPMENT RECORD

WELL NUMBER: MW-6
PROJECT NUMBER: 41284
PROJECT NAME: Affinia-Wix
DATE INSTALLED: 12/6/06
DATE DEVELOPED: 12/8/06

WELL DATA

Constructed Depth of Well (ft.): 16.68
Radius of Well, r_c (ft.): r_c = 0.0833
Radius of Borehole/Sand Pack, r_a (ft.): r_a = 0.1771
Vertical Length of Standing Water in Well Casing, h_s (ft.): h_s = 14.59
Effective Porosity of Sand Pack Material, n_e: n_e = 0.35
Height of Well Casing Above/Below Ground Surface (ft.): 0.3

MEASUREMENTS AND CALCULATIONS

Depth to Static Water Before Development (ft.): 2.09
Depth to Top of Sediment Before Development (ft.): 16.00
Vertical Length of Standing Water in Well Casing, h_c (ft.): h_c = 14.59
Volume of Water in Well and Sand Pack Prior to Development, V (gallons) where: v = 5.98

$$V = \pi\, 7.48\ \text{gal/ft.}^3\ [\,(r_c^{\,2} h_c) + n_e h_s (r_a^2 - r_c^2)]$$

Nominal Quantity of Water to Remove for Development (gallons) (This is = 5V unless otherwise justified): 5v = 29.9

DEVELOPMENT OBSERVATIONS

Physical Character of Water: Brown and murky to start, clearing up quickly

Type and Size of Well Development and Measuring Equipment: Whale pump and poly tubing; Oakton pH meter (pH, temp, cond)

Weather Observations: cold, 30°F, sunny, breezy

Parameter	Gallons Removed from Well 0	8	18	30	50	
Time	1120	1132	1140	1149	1156	
Spec. Conductance (μmhos/cm)	55.6	43.3	43.9	42.8		
Temperature (°C)	17.7	17.1	19.0	19.2	19.3	
PH (Standard Units)	5.02	4.68	4.65	4.62	4.65	

Total Quantity of Water Removed (gallons): 50
Depth of Static Water After Development (ft.): 2.91 and rising
Depth to Top of Sediment After Development (ft.): 16.39

ERM

MONITORING WELL DEVELOPMENT RECORD

WELL NUMBER: MW-7
PROJECT NUMBER: 41284
PROJECT NAME: Affinia-Wix
DATE INSTALLED: 12/4/06
DATE DEVELOPED: 12/8/06

WELL DATA

Constructed Depth of Well (ft.): 18.00
Radius of Well, r_c (ft.): r_c = 0.0833
Radius of Borehole/Sand Pack, r_a (ft.): r_a = 0.1731
Vertical Length of Standing Water in Well Casing, h_s (ft.): h_s = 15.97
Effective Porosity of Sand Pack Material, n_e: n_e = 0.35
Height of Well Casing Above/Below Ground Surface (ft.): 0.2

MEASUREMENTS AND CALCULATIONS

Depth to Static Water Before Development (ft.): 2.03
Depth to Top of Sediment Before Development (ft.): 17.9
Vertical Length of Standing Water in Well Casing, h_c (ft.): h_c = 15.97
Volume of Water in Well and Sand Pack Prior to Development, V (gallons) where: v = 6.56

$$V = \pi\, 7.48\ \text{gal/ft.}^3\ [\,(r_c^{\,2} h_c) + n_e h_s (r_a^{\,2} - r_c^{\,2})]$$

Nominal Quantity of Water to Remove for Development (gallons) (This is = 5V unless otherwise justified): 5v = 32.8

DEVELOPMENT OBSERVATIONS

Physical Character of Water: murky to start. cleaning up; well pumped dry after 24 gal; then again after 30 gal;

Type and Size of Well Development and Measuring Equipment: Whale pump and poly tubing; Oakton pH meter (pH, temp., S.C.)

Weather Observations: cold, 28°F, sunny, breezy

Parameter	Gallons Removed from Well: 0	8	16	24	30	35
Time	0904	0910	0918	0928	1030	1053
Spec. Conductance (~~µmhos/cm~~ µS)	73.8	78.7	74.2	107.6	68.1	66.3
Temperature (°C)	14.3	16.3	16.5	16.4	14.4	15.7
PH (Standard Units)	4.85	4.81	4.95	5.06	4.95	4.90

Total Quantity of Water Removed (gallons): 35
Depth of Static Water After Development (ft.): 10.6 and rising
Depth to Top of Sediment After Development (ft.): 18.01

ERM

MONITORING WELL DEVELOPMENT RECORD

WELL NUMBER	MW-8
PROJECT NUMBER	41284
PROJECT NAME	Affinia-Wix
DATE INSTALLED	12/5/06
DATE DEVELOPED	12/8/06

WELL DATA

Constructed Depth of Well (ft.)	16.94
Radius of Well, r_c (ft.)	r_c = 0.0833
Radius of Borehole/Sand Pack, r_a (ft.)	r_a = 0.1727
Vertical Length of Standing Water in Well Casing, h_s (ft.)	h_s = 12.32
Effective Porosity of Sand Pack Material, n_e	n_e = 0.35
Height of Well Casing Above/Below Ground Surface (ft.)	3.35

MEASUREMENTS AND CALCULATIONS

Depth to Static Water Before Development (ft.)	4.62 from TOC
Depth to Top of Sediment Before Development (ft.)	16.55 from ground
Vertical Length of Standing Water in Well Casing, h_c (ft.)	h_c = 12.32
Volume of Water in Well and Sand Pack Prior to Development, V (gallons) where:	V = 5.02

$$V = \pi\, 7.48\ \text{gal/ft.}^3\ [\,(r_c^{\,2} h_c) + n_e h_s (r_a^2 - r_c^2)]$$

Nominal Quantity of Water to Remove for Development (gallons) (This is = 5V unless otherwise justified)	5v = 25.11

DEVELOPMENT OBSERVATIONS

Physical Character of Water: murky, much fines to start, clearing up.

Type and Size of Well Development and Measuring Equipment: Whale pump with poly tubing; Oakton pH meter (pH, temp, SC)

Weather Observations: cold - 25°F, sunny, breezy

Parameter	Gallons Removed from Well: 0	5	10	20	26	35
Time	0800	0808	0813	0821	0828	0835
Spec. Conductance (μmhos/cm)	99.8	102.7	96.3	90.8	87.5	87.4
Temperature (°C)	14.9	15.2	14.4	14.6	14.2	14.4
PH (Standard Units)	5.24	5.43	5.11	4.92	5.01	4.83

Total Quantity of Water Removed (gallons)	35
Depth of Static Water After Development (ft.)	5.20 from TOC
Depth to Top of Sediment After Development (ft.)	16.80

1951 - 3.35

ERM

MONITORING WELL DEVELOPMENT RECORD

WELL NUMBER: MW-9
PROJECT NUMBER: 41284
PROJECT NAME: Affinia-Wix
DATE INSTALLED: 12/6/06
DATE DEVELOPED: 12/7/07

WELL DATA

Constructed Depth of Well (ft.) 15.68
Radius of Well, r_c (ft.) r_c = 0.0833
Radius of Borehole/Sand Pack, r_a (ft.) r_a = 0.1771
Vertical Length of Standing Water in Well Casing, h_s (ft.) h_s = 12.18
Effective Porosity of Sand Pack Material, n_e n_e = 0.35
Height of Well Casing Above/Below Ground Surface (ft.) 4.73

MEASUREMENTS AND CALCULATIONS

Depth to Static Water Before Development (ft.) 3.50
Depth to Top of Sediment Before Development (ft.) 15.50
Vertical Length of Standing Water in Well Casing, h_c (ft.) h_c = 12.18
Volume of Water in Well and Sand Pack Prior to Development, V (gallons) where: v = 4.97

$$V = \pi\, 7.48\ \text{gal/ft.}^3\ [\,(r_c^{\,2} h_c) + n_e h_s (r_a^{\,2} - r_c^{\,2})]$$

Nominal Quantity of Water to Remove for Development (gallons) (This is = 5V unless otherwise justified) 5v = 24.8

DEVELOPMENT OBSERVATIONS

Physical Character of Water murky to start; quits pumping after 5 gal, wait 15 minutes; pumps 4 gal and quits; wait 17 min + pumps 4 gal then quits; again; water clearing up; still slightly murky; went dry 5 times.

Type and Size of Well Development and Measuring Equipment Whale pump with poly tubing; Oakton pH meter (pH, Sp. cond., temp).

Weather Observations partly cloudy, 60's

Parameter	Gallons Removed from Well					
	0	5	13	19	20	25
Time	1342	1402	1434	1451		
Spec. Conductance (μmhos/cm)	231	144.6	138.8	156.8		
Temperature (°C)	19.70	19.7	19.6	19.3		
PH (Standard Units)	6.87	5.56	5.55	5.28		

Total Quantity of Water Removed (gallons) 20 gal (approx) after going dry 5 times
Depth of Static Water After Development (ft.) 15.68 ft
Depth to Top of Sediment After Development (ft.) 15.6 ft

Appendix D
ERM Field Sampling Reports and Ground Water Sampling Logs

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-5
DATE 12/6/06 TIME 1044

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-5 (12-14) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/6/06
ME: 1044

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve)~~ 4.25" HSA with split barrel sampler (circle)
SAMPLING DEPTH 12-14 feet
SAMPLE DESCRIPTION pale brown clay

'ELL SAMPLING DATA:

AMPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 15.90 ft. DEPTH TO GROUND WATER 3.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
amber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		5.5			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Clear, Sunny AIR TEMP. 30's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

ODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS). soil samples collected by EPA Method 5035 (EnCore soil samples).

: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-6
DATE 12/6/06 TIME 0855

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-6(8-10) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/6/06
TIME: 0855

SAMPLER TYPE & MATERIAL 4.25" HSA with split barrel sampler ~~Stainless Steel Hand Auger : Geoprobe (polyethylene Sleeve)~~ (circle)
SAMPLING DEPTH 8-10 feet
SAMPLE DESCRIPTION Light gray clay

WELL SAMPLING DATA:

SAMPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 16.68 ft. DEPTH TO GROUND WATER 4.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
amber glass	40 ml	methanol	1	--	8260B volatiles
clear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		2.2			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Sunny, clear AIR TEMP. 30°
SAMPLES COLLECTED BY M. Easterbrook
SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C
MODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-7
DATE 12/4/06 TIME 1450

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-7(4-6) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/4/06
TIME: 1450

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve)~~ 4.25" HSA with split barrel sampler (circle)
SAMPLING DEPTH 4-6 ft.
SAMPLE DESCRIPTION brownish yellow clayey silt

WELL SAMPLING DATA:

SAMPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 18.00 ft. DEPTH TO GROUND WATER 5.40 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
amber glass	40 ml	methanol	1	--	8260B volatiles
clear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP.(C)					
SPEC. COND (um/sm)					
PID (ppm)		0.0			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Sunny, clear AIR TEMP 50°F

SAMPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

MODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

NA: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-8
DATE 12/5/06 TIME 0850

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-8(4-6) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/5/06
TIME: 0850

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve)~~ 4.25" HSA with split barrel sampler (circle)
SAMPLING DEPTH 4-6ft
SAMPLE DESCRIPTION dark gray clayey silt

WELL SAMPLING DATA:

SAMPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 16.94 ft. DEPTH TO GROUND WATER 2.38 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		0.0			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Sunny, clear AIR TEMP. 30°

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-9
DATE 12/6/06 TIME 1335

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-9 (6-8) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

IL SAMPLING DATA:

SAMPLING DATE: 12/6/06
IE: 1335

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH 6-8 feet
SAMPLE DESCRIPTION gray, very plastic clay

LL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 15.68 ft. DEPTH TO GROUND WATER 3.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		4.5			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Sunny, clear AIR TEMP. 40°

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

ODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) STB-11
DATE 12/6/06 TIME 1552

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-9(4-6) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

IL SAMPLING DATA:

SAMPLING DATE: 12/6/06
ME: 1552

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger~~ : ~~Geoprobe (polyethylene sleeve)~~ 4.25" HSA with split barrel sampler (circle)
SAMPLING DEPTH
SAMPLE DESCRIPTION Light brownish gray and strong brown silty clay

ELL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons)
VOLUME OF WATER PURGED (gallons)
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION

TOTAL ~~WELL~~ DEPTH 16.00 ft. DEPTH TO GROUND WATER 4.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		1.4			
TIME					
DATE					

GENERAL INFORMATION

WEATHER Sunny AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

ODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) STB-12
DATE 12/5/06 TIME 1500

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-10(6-8) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

IL SAMPLING DATA:

SAMPLING DATE: 12/5/06
ME: 1500

SAMPLER TYPE & MATERIAL 4.25" HSA with split barrel sampler ~~Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve)~~ (circle)
SAMPLING DEPTH
SAMPLE DESCRIPTION gray and brownish yellow very plastic clay

LL SAMPLING DATA:

MPLING DATE:
TIME:

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons)
VOLUME OF WATER PURGED (gallons)
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION

TOTAL WELL DEPTH 16.00 ft. DEPTH TO GROUND WATER 6.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID		0.0			
TIME					
DATE					

GENERAL INFORMATION

WEATHER sunny AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

ODE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) STB-13
DATE 12/5/06 TIME 1330

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-11(8-10) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/5/06
ME: 1330

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve)~~ 4.25 HSA with split barrel sampler (circle)
SAMPLING DEPTH 8-10 feet
SAMPLE DESCRIPTION yellowish brown and gray silty clay.

ELL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 16.00 ft. DEPTH TO GROUND WATER 5.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		22.9			
TIME					
DATE					

GENERAL INFORMATION

WEATHER clear, sunny AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE ____X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) STB-14
DATE 12/7/06 TIME 0809

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-12(6-8) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/7/06
ME: 0809

SAMPLER TYPE & MATERIAL ~~Stainless Steel Hand Auger~~ : ~~Geoprobe (polyethylene sleeve)~~ 4.25" HSA with split barrel sampler (circle)
SAMPLING DEPTH 6-8 ft
SAMPLE DESCRIPTION Light gray and brownish yellow silty clay

ELL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL WELL DEPTH 16.00 ft. DEPTH TO GROUND WATER 5.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
amber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
PID (ppm)		2.8			
TIME					
DATE					

GENERAL INFORMATION

WEATHER clear, sunny AIR TEMP. 40°
MPLES COLLECTED BY M. Easterbrook
SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C
DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) HA-1
DATE 12/7/06 TIME 1025

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-13 (0-2) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

IL SAMPLING DATA:

SAMPLING DATE: 12/7/06
ME: 1025

SAMPLER TYPE & MATERIAL (Stainless Steel Hand Auger): Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH 0-2 feet
SAMPLE DESCRIPTION gray sandy clay

ELL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL ~~WELL~~ DEPTH 3.20 ft. DEPTH TO GROUND WATER ~2.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
nber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
TIME					
DATE					

Not Measured

GENERAL INFORMATION

WEATHER Clear AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MA-2
DATE 12/7/06 TIME 1100

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-14(0-2) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

OIL SAMPLING DATA:

SAMPLING DATE: 12/7/06
ME: 1100

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger / Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH 0-2 feet
SAMPLE DESCRIPTION gray sandy clay

ELL SAMPLING DATA:

AMPLING DATE: ____
ME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL ~~WELL~~ DEPTH 3.30 ft. DEPTH TO GROUND WATER ~2.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
amber glass	40 ml	methanol	1	--	8260B volatiles
ear glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
TIME					
DATE					

Not Measured

GENERAL INFORMATION

WEATHER clear AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

A: Not Applicable

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) HA-3
DATE 12/7/06 TIME 1145

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: GP-15 (0-2) HAZARDOUS?: ____ YES ____ NO X UNKNOWN

IL SAMPLING DATA:

SAMPLING DATE: 12/7/06
ME: 1145

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger / Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH 0-2 feet
SAMPLE DESCRIPTION gray sandy clay

ELL SAMPLING DATA:

MPLING DATE: ____
TIME: ____

PURGE METHOD & MATERIALS Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
VOLUME OF WATER IN WELL & SAND PACK (gallons) ____
VOLUME OF WATER PURGED (gallons) ____
PURGE DATE ____ START TIME ____ END TIME ____
SAMPLER TYPE & MATERIAL Peristaltic pump : hand bailer / polyethylene : teflon / tubing : bailer (circle)
SAMPLE DESCRIPTION ____

TOTAL ~~WELL~~ DEPTH 4.10 ft. DEPTH TO GROUND WATER ~ 2.00 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
ber glass	40 ml	methanol	1	--	8260B volatiles
ar glass	40 ml	bisulfate solution	2	--	8260B volatiles
clear glass	40 ml	N/A	1	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
TIME					
DATE					

Note Measured

GENERAL INFORMATION

WEATHER clear AIR TEMP. 40's

MPLES COLLECTED BY M. Easterbrook

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

DE OF SHIPMENT ____ CAR/TRUCK ____ PLANE X COMMER VEH. ____

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): soil samples collected by EPA Method 5035 (EnCore soil samples).

: Not Applicable

ERM LOW FLOW/PURGE GROUND WATER SAMPLING LOG

Project: WIX 41284
Site: Dillon, SC
Well No.: MW- 5
Date: 1/ 4 / 07
Well Depth: 15.5'
Well Diameter: 2-inch
Sampling Device: peristaltic
DTW: 1.22'
Tubing Type: Teflon lined poly
Measuring Point: TOC
Sampling Time: 1025
Sampling Personnel: CRS/ MSS
Description of Sample: clear
Volume of Water Purged: 2 Gal.
Rate of Pumping: 250 mL/ min

Range	*0-55*	*0-9.9*	*0-19.99*	*0-14*	*± 1999*	*0-800*		
TIME	**Temp 3%**	**Cond. 3%**	**DO 10%**	**pH 0.1**	**ORP ±10**	**Turbidity 10%**	**Water Level**	**Water Clarity**
0950	17.32	0.077	4.34	5.12	239	32	1.40	clear
0955	17.37	0.075	1.95	4.85	248	31	1.40	"
1000	17.44	0.072	0.78	4.81	254	29	1.39	"
1005	17.52	0.071	0.50	4.81	257	22	1.40	"
1010	17.59	0.069	0.39	4.78	254	20	1.410	"
1015	17.61	0.069	0.32	4.78	251	19	1.41	"
1020	17.63	0.069	0.30	4.78	248	18	1.41	"
1025	Sample Time							

Type of sample collected: grab
Analysis sampled for: VOC 8260B

Information: 2 in. = 617 ml/ ft. 4 in. = 2470 ml/ ft. $Vol_{sphere} = 4/3\pi r^3$ $Vol_{cyl.} = \pi r^2 h$

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-5
DATE 1/4/07 TIME 1025

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-5 HAZARDOUS?: ___ YES ___ NO X UNKNOWN

SOIL SAMPLING DATA:

SAMPLING DATE: ___
TIME: ___

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger ; Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH ___
SAMPLE DESCRIPTION ___

WELL SAMPLING DATA:

SAMPLING DATE: 1/4/07
TIME: 1025

PURGE METHOD & MATERIALS (Peristaltic pump) hand bailer / polyethylene : (teflon) / (tubing) : bailer (circle) Low Flow
VOLUME OF WATER IN WELL & SAND PACK (gallons) —
VOLUME OF WATER PURGED (gallons) 2 gal
PURGE DATE 1/4/07 START TIME 0950 END TIME 1025
SAMPLER TYPE & MATERIAL (Peristaltic pump) hand bailer / polyethylene : (teflon) / (tubing) : bailer (circle)
SAMPLE DESCRIPTION Clear

TOTAL WELL DEPTH 15.5 ft. DEPTH TO GROUND WATER 1.22 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
clear glass	40 ml	HCL	3	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)					
TIME					
DATE					

See Purge Log

GENERAL INFORMATION

WEATHER PARTLY CLOUDY AIR TEMP. 50's

SAMPLES COLLECTED BY C. Stang and S. Stokes

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

MODE OF SHIPMENT ___ CAR/TRUCK ___ PLANE X COMMER VEH. ___ OTHER

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): NONE

ERM LOW FLOW/PURGE GROUND WATER SAMPLING LOG

Project: WIX 41284
Site: Dillon, SC
Well No.: MW- 6
Date: 1/ 4 / 07
Well Depth: 16.40
Well Diameter: 2-inch
Sampling Device: peristaltic
DTW: 1.64'
Tubing Type: Teflon lined poly
Measuring Point: TOC
Sampling Time: 1100
Sampling Personnel: CRS/ MSS
Description of Sample clear
Volume of Water Purged: 1.5 Gal.
Rate of Pumping: 200 mL/ min

Range	*0-55*	*0-9.9*	*0-19.99*	*0-14*	*± 1999*	*0-800*		
TIME	**Temp 3%**	**Cond. 3%**	**DO 10%**	**pH 0.1**	**ORP ±10**	**Turbidity 10%**	**Water Level**	**Water Clarity**
1035	18.14	0.040	0.91	4.88	235	40	1.90	clear
1040	18.03	0.040	0.44	4.79	255	38	1.90	
1045	18.32	0.040	0.33	4.78	268	39	1.90	
1050	18.33	0.040	0.30	4.78	272	40	1.90	
1055	18.37	0.040	0.29	4.79	268	40		
1100	Sample	Time						

Type of sample collected: grab
Analysis sampled for: VOC 8260B

Information: 2 in. = 617 ml/ ft. 4 in. = 2470 ml/ ft. $Vol_{sphere} = 4/3\pi r^3$ $Vol_{cyl} = \pi r^2 h$

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-6
DATE 1/4/07 TIME 1100

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-6 HAZARDOUS?: ___ YES ___ NO X UNKNOWN

SOIL SAMPLING DATA:

SAMPLING DATE: ___
TIME: ___

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH ___
SAMPLE DESCRIPTION ___

WELL SAMPLING DATA:

SAMPLING DATE: 1/4/07
TIME: 1100

PURGE METHOD & MATERIALS Peristaltic pump hand bailer / polyethylene teflon tubing : bailer (circle) Low Flow
VOLUME OF WATER IN WELL & SAND PACK (gallons) —
VOLUME OF WATER PURGED (gallons) 1.5 gal
PURGE DATE 1/4/07 START TIME 1035 END TIME 1055
SAMPLER TYPE & MATERIAL Peristaltic pump hand bailer / polyethylene : teflon tubing : bailer (circle)
SAMPLE DESCRIPTION clear

TOTAL WELL DEPTH 16.40 ft. DEPTH TO GROUND WATER 1.64 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
clear glass	40 ml	HCL	3	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)	See Purge Log				
TIME					
DATE					

GENERAL INFORMATION

WEATHER PARTLY CLOUDY AIR TEMP. 50's

SAMPLES COLLECTED BY C. Stang and S. Stokes

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °c

MODE OF SHIPMENT ___ CAR/TRUCK ___ PLANE X COMMER VEH. ___ OTHER

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): NONE

ERM LOW FLOW/PURGE GROUND WATER SAMPLING LOG

Project: WIX 41284
Site: Dillon, SC
Well No.: MW- 7
Date: 1/ 4 / 07
Well Depth: 19.08
Well Diameter: 2-inch
Sampling Device: peristaltic
DTW: 0.55
Tubing Type: Teflon lined poly
Measuring Point: TOC
Sampling Time: 1150
Sampling Personnel: CRS/ MSS
Description of Sample: Clear
Volume of Water Purged: 1.5 Gal.
Rate of Pumping: 150 mL/ min

Range	*0-55*	*0-9.9*	*0-19.99*	*0-14*	*± 1999*	*0-800*		
TIME	**Temp 3%**	**Cond. 3%**	**DO 10%**	**pH 0.1**	**ORP ±10**	**Turbidity 10%**	**Water Level**	**Water Clarity**
1125	16.51	0.060	0.78	5.14	243	89.1	1.35	clear
1130	16.49	0.061	0.48	5.14	245	64	1.40	"
1135	16.59	0.061	0.41	5.14	246	55	1.41	"
1140	16.63	0.061	0.39	5.15	245	53	1.42	"
1145	16.62	0.061	0.44	5.16	243	51	1.42	"
1150	Sample	Time						

Type of sample collected: grab
Analysis sampled for: VOC 8260B

Information: 2 in. = 617 ml/ ft. 4 in. = 2470 ml/ ft. $Vol_{sphere} = 4/3\pi r^3$ $Vol_{cyl.} = \pi r^2 h$

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-7
DATE 1/4/07 TIME 1150

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-7 HAZARDOUS?: ___ YES ___ NO X UNKNOWN

SOIL SAMPLING DATA:

SAMPLING DATE: ___
TIME: ___

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH ___
SAMPLE DESCRIPTION ___

WELL SAMPLING DATA:

SAMPLING DATE: 1/4/07
TIME: 1150

PURGE METHOD & MATERIALS (Peristaltic pump): hand bailer / polyethylene : (teflon) / (tubing) : bailer (circle) Low Flow
VOLUME OF WATER IN WELL & SAND PACK (gallons) –
VOLUME OF WATER PURGED (gallons) 1.5 gal
PURGE DATE 1/4/07 START TIME 1125 END TIME 1145
SAMPLER TYPE & MATERIAL (Peristaltic pump): hand bailer / polyethylene : (teflon) / (tubing) : bailer (circle)
SAMPLE DESCRIPTION Clear

TOTAL WELL DEPTH 18.08 ft. DEPTH TO GROUND WATER 10.55 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
clear glass	40 ml	HCL	3	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)	See Purge Log				
SPEC. COND (um/sm)					
TIME					
DATE					

GENERAL INFORMATION

WEATHER PARTLY CLOUDY AIR TEMP. 50's

SAMPLES COLLECTED BY C. Stang and S. Stokes

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

MODE OF SHIPMENT ___ CAR/TRUCK ___ PLANE X COMMER VEH. ___ OTHER

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): NONE

ERM LOW FLOW/PURGE GROUND WATER SAMPLING LOG

Project: WIX 41284 | Site: Dillon, SC | Well No.: MW-8 | Date: 1/ 4 / 07
Well Depth: 19.90 | Well Diameter: 2-inch | Sampling Device: peristaltic | DTW: 4.22
Tubing Type: Teflon lined poly | Measuring Point: TOC | Sampling Time: 1335 | Sampling Personnel: CRS/ MSS
Description of Sample: Clear | Volume of Water Purged: 2 Gal. | Rate of Pumping: 200 mL/ min

Range	*0-55*	*0-9.9*	*0-19.99*	*0-14*	*± 1999*	*0-800*		
TIME	**Temp 3%**	**Cond. 3%**	**DO 10%**	**pH 0.1**	**ORP ±10**	**Turbidity 10%**	**Water Level**	**Water Clarity**
1300	17.78	0.073	2.31	5.46	98	45	4.45	clear
1305	17.86	0.073	0.39	5.44	82	32	4.47	"
1310	17.90	0.073	0.26	5.43	62	26	4.47	"
1315	17.69	0.073	0.22	5.43	41	24	4.47	"
1320	17.63	0.074	0.19	5.43	24	20	4.47	"
1325	17.67	0.074	0.18	5.43	21	19	4.47	"
1330	17.64	0.074	0.19	5.43	19	18	4.47	"
1335	Sample	Time						

Type of sample collected: grab

Analysis sampled for: VOC 8260B

Information: 2 in. = 617 ml/ ft. 4 in. = 2470 ml/ ft. $Vol_{sphere} = 4/3\pi r^3$ $Vol_{cyl.} = \pi r^2 h$

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-8
DATE 1/4/07 TIME 1335

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-8 HAZARDOUS?: ___ YES ___ NO X UNKNOWN

SOIL SAMPLING DATA:

SAMPLING DATE: ___
TIME: ___

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH ___
SAMPLE DESCRIPTION ___

WELL SAMPLING DATA:

SAMPLING DATE: 1/4/07
TIME: 1335

PURGE METHOD & MATERIALS (Peristaltic pump): hand bailer / polyethylene : (teflon) / (tubing) : bailer (circle) Low Flow
VOLUME OF WATER IN WELL & SAND PACK (gallons) —
VOLUME OF WATER PURGED (gallons) 2 gal
PURGE DATE 1/4/07 START TIME 1300 END TIME 1330
SAMPLER TYPE & MATERIAL (Peristaltic pump): hand bailer / polyethylene (teflon) (tubing) : bailer (circle)
SAMPLE DESCRIPTION clear

TOTAL WELL DEPTH 19.90 ft. DEPTH TO GROUND WATER 4.22 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
clear glass	40 ml	HCL	3	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)					
SPEC. COND (um/sm)	See Purge Log				
TIME					
DATE					

GENERAL INFORMATION

WEATHER PARTLY CLOUDY AIR TEMP. 50's

SAMPLES COLLECTED BY C. Stang and S. Stokes

SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

MODE OF SHIPMENT ___ CAR/TRUCK ___ PLANE X COMMER VEH. ___ OTHER

COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): NONE

ERM LOW FLOW/PURGE GROUND WATER SAMPLING LOG

Project: WIX 41284 | Site: Dillon, SC | Well No.: MW-9 | Date: 1/ 4 / 07
Well Depth: 15.20 | Well Diameter: 2-inch | Sampling Device: peristaltic | DTW: 3.55
Tubing Type: Teflon lined poly | Measuring Point: TOC | Sampling Time: 1430 | Sampling Personnel: CRS/ MSS
Description of Sample: Clear w/ some iron buildup | Volume of Water Purged: 1.5 Gal. | Rate of Pumping: 175 mL/ min

Range	*0-55*	*0-9.9*	*0-19.99*	*0-14*	*± 1999*	*0-800*		
TIME	**Temp 3%**	**Cond. 3%**	**DO 10%**	**pH 0.1**	**ORP ±10**	**Turbidity 10%**	**Water Level**	**Water Clarity**
1400	18.07	0.205	1.11	5.89	20.8	71	4.15	some iron buildup /clear to yellow
1405	18.10	0.207	0.38	5.89	17.0	68	4.31	"
1410	17.88	0.208	0.25	5.88	12	66	4.34	"
1415	17.83	0.208	0.22	5.87	8	49	4.37	"
1420	17.86	0.209	0.20	5.88	6	47	4.37	"
1425	17.86	0.209	0.19	5.88	5	45	4.38	"
1430	Sample	Time						

Type of sample collected: grab

Analysis sampled for: VOC 8260B

Information: 2 in. = 617 ml/ ft. 4 in. = 2470 ml/ ft. $Vol_{sphere} = 4/3\pi r^3$ $Vol_{cyl.} = \pi r^2 h$

FIELD SAMPLING REPORT

ERM

498 Wando Park Blvd Suite 100
Mt. Pleasant, SC 29464
(843) 856-4270

JOB NUMBER 41284
JOB NAME Affinia-Wix
SAMPLING POINT (LOCATION) MW-9
DATE 1/4/07 TIME 1430

SAMPLING INFORMATION

SAMPLE I.D. NUMBER: MW-9 HAZARDOUS?: ___ YES ___ NO X UNKNOWN

SOIL SAMPLING DATA:

SAMPLING DATE: ___
TIME: ___

SAMPLER TYPE & MATERIAL Stainless Steel Hand Auger : Geoprobe (polyethylene sleeve) (circle)
SAMPLING DEPTH ___
SAMPLE DESCRIPTION ___

WELL SAMPLING DATA:

SAMPLING DATE: 1/4/07
TIME: 1430

PURGE METHOD & MATERIALS (Peristaltic pump) : hand bailer / polyethylene (teflon) / (tubing) : bailer (circle) Low Flow
VOLUME OF WATER IN WELL & SAND PACK (gallons) —
VOLUME OF WATER PURGED (gallons) 1.5 gal
PURGE DATE 1/4/07 START TIME 1400 END TIME 1425
SAMPLER TYPE & MATERIAL (Peristaltic pump) hand bailer / polyethylene (teflon) / (tubing) : bailer (circle)
SAMPLE DESCRIPTION Some iron buildup / clear to yellow at first, but clearing
TOTAL WELL DEPTH 15.20 ft. DEPTH TO GROUND WATER 3.55 ft.

CONTAINER TYPE	CONTAINER VOLUME	PRESERVATIVE/PREPARATION	NUMBER	FILTERING	ANALYSIS
clear glass	40 ml	HCL	3	--	8260B volatiles

FIELD MEASUREMENTS

PARAMETER	EQUIPMENT ID	1st READING	2nd READING	3rd READING	4th READING
pH (STO UNITS)					
TEMP (C)	See Purge Log				
SPEC. COND (um/sm)					
TIME					
DATE					

GENERAL INFORMATION

WEATHER PARTLY CLOUDY AIR TEMP. 50's

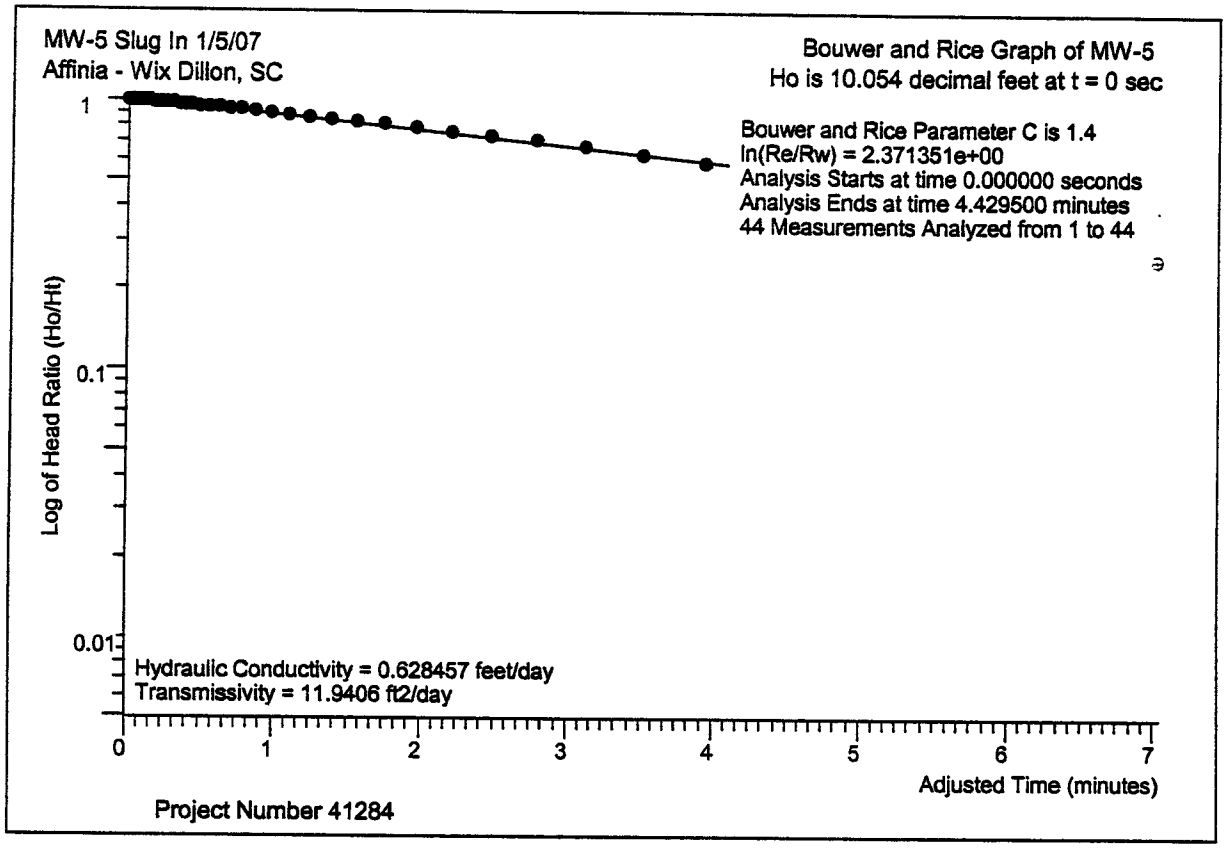
SAMPLES COLLECTED BY C. Stang and S. Stokes

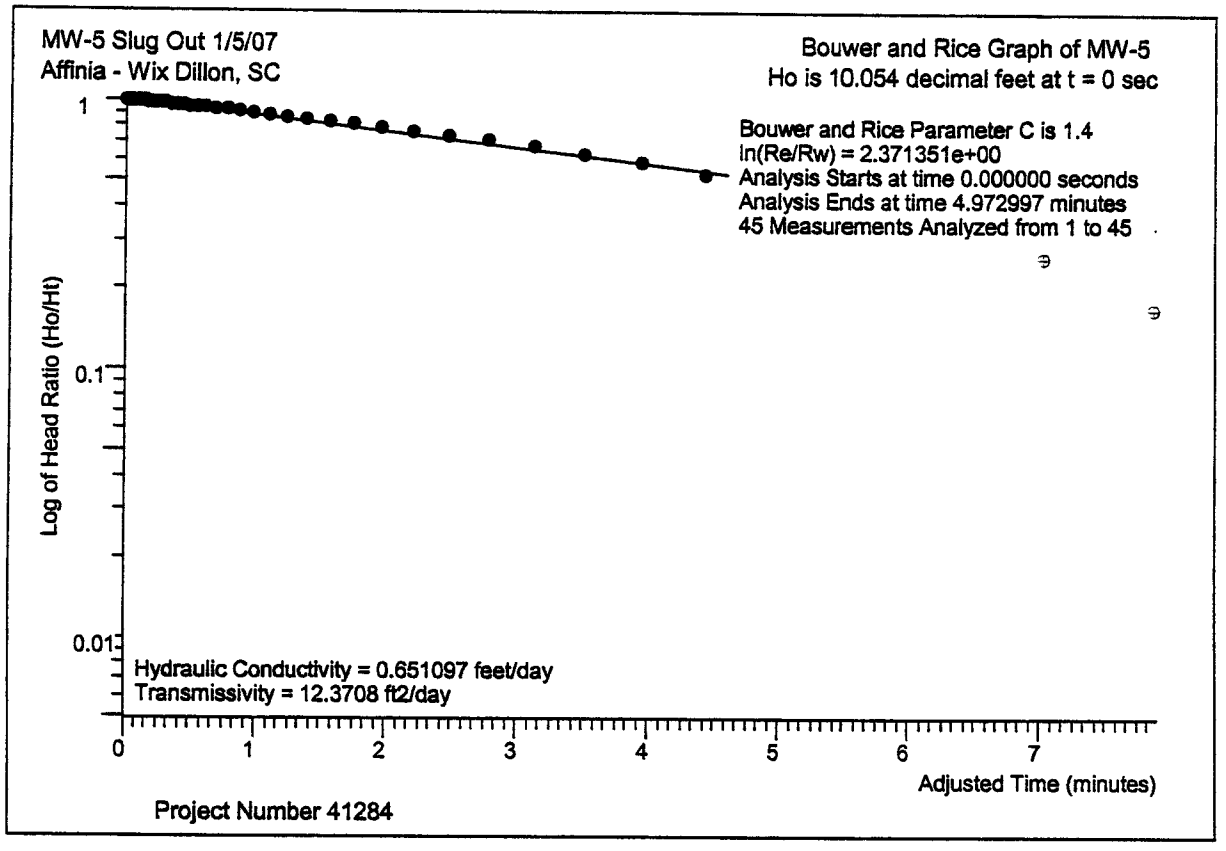
SPECIAL HANDLING SAMPLES PACKED IN COOLER ON ICE to 4 °C

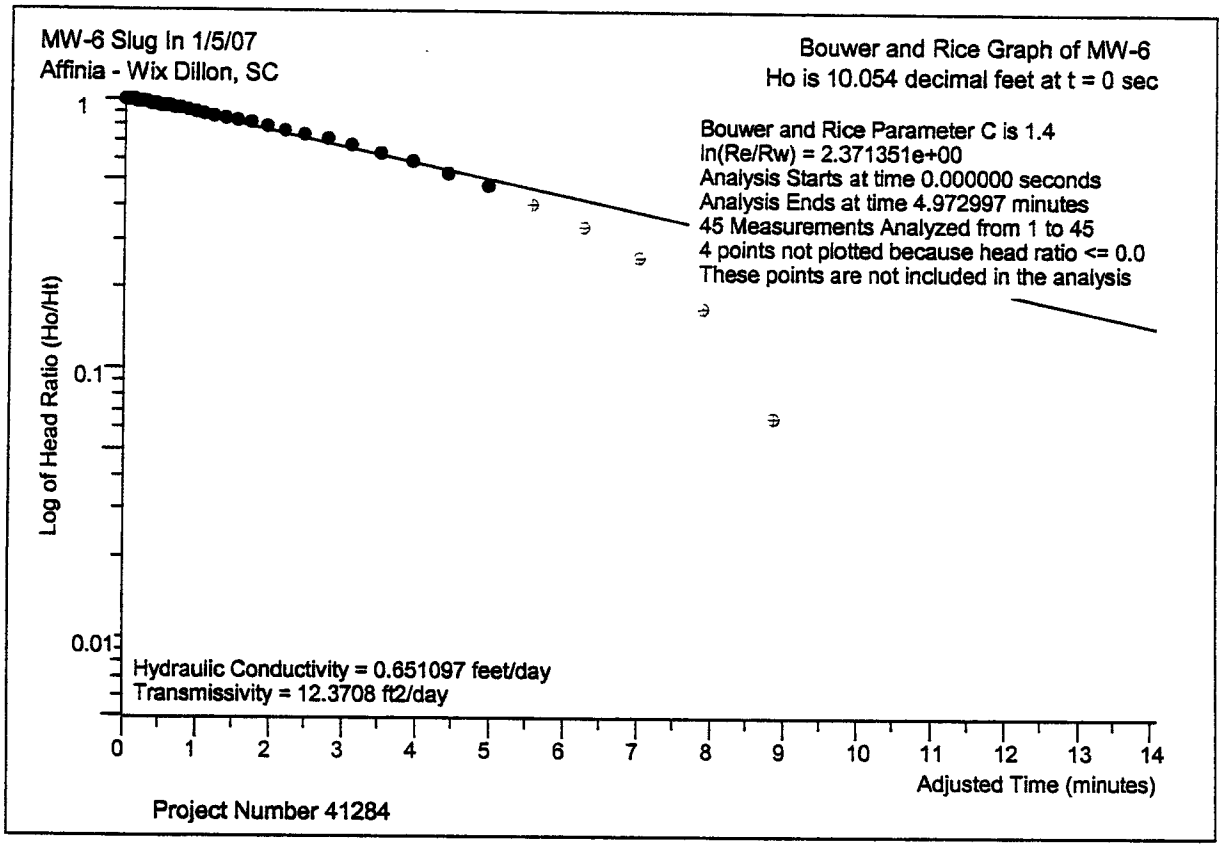
MODE OF SHIPMENT ___ CAR/TRUCK ___ PLANE X COMMER VEH. ___ OTHER

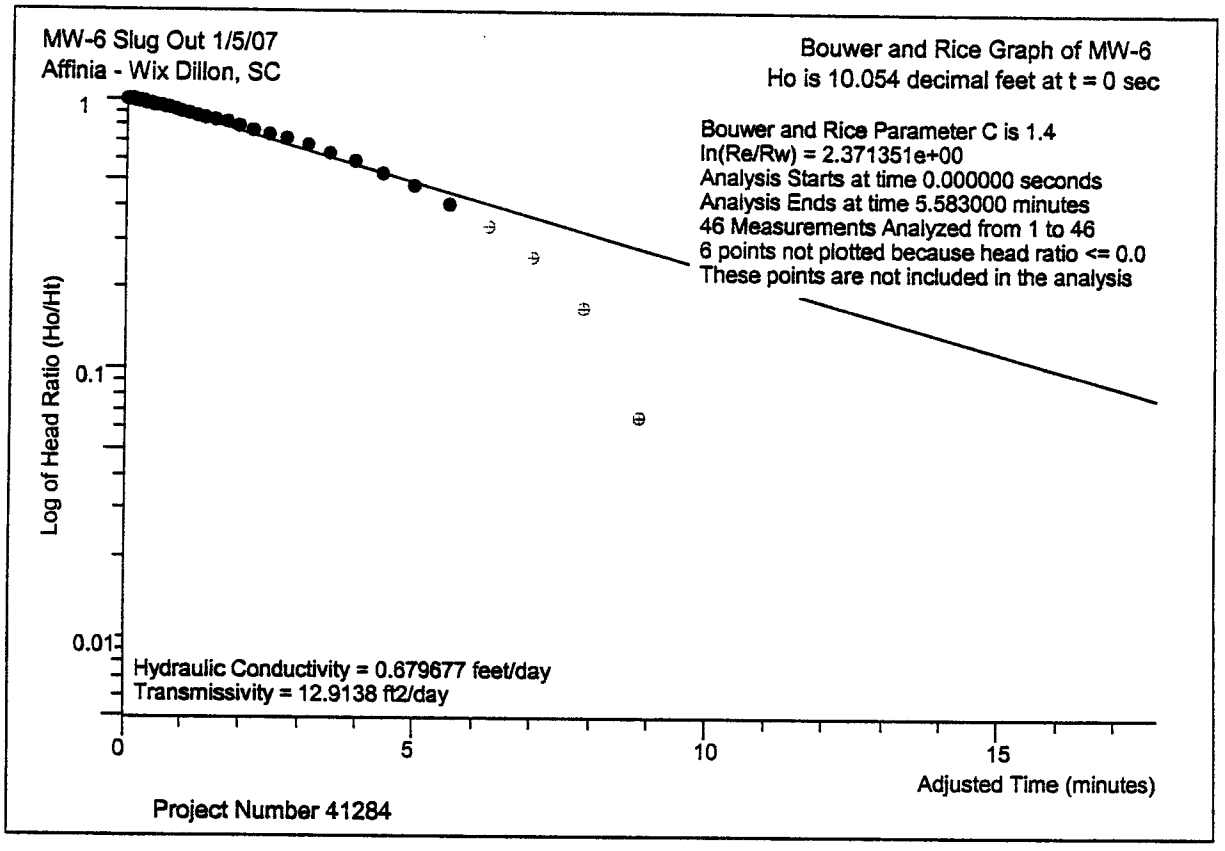
COMMENTS (CALIBRATIONS, FIELD MODIFICATIONS, INSTRUMENT PROBLEMS): NONE

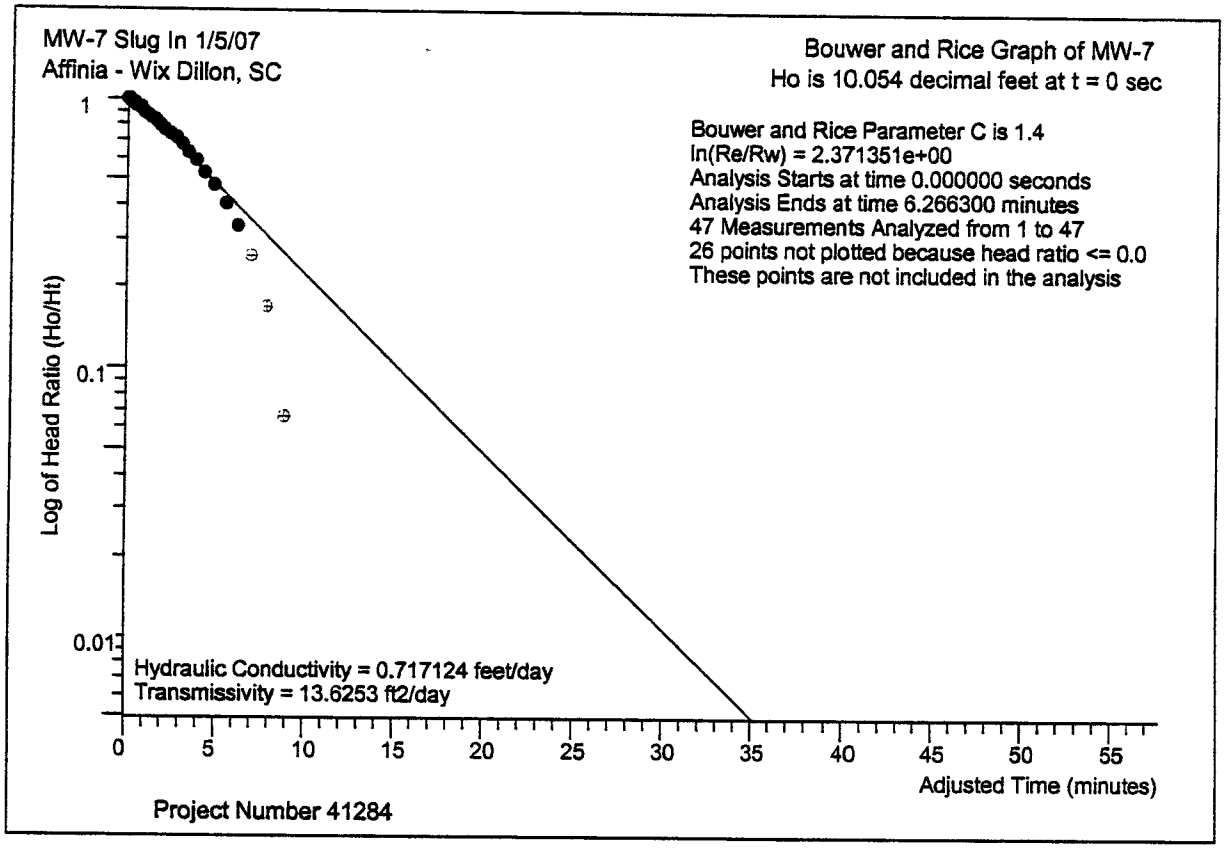
Appendix E
Slug Test Data and Estimated Ground Water Velocity Calculations

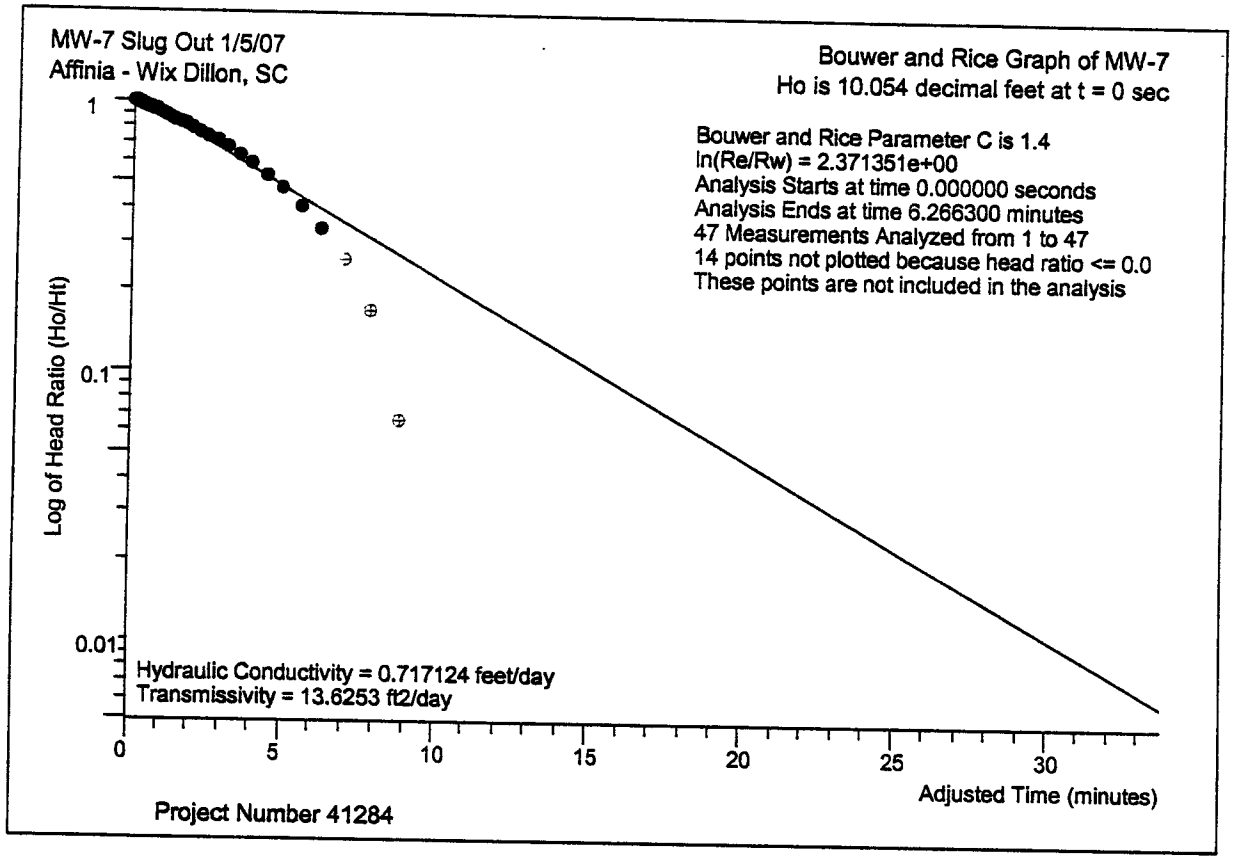

MW-5 Slug In 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-5
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.429500 minutes
44 Measurements Analyzed from 1 to 44
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.628457 feet/day
Transmissivity = 11.9406 ft2/day
0
1
2
3
4
5
6
7
Adjusted Time (minutes)
Project Number 41284

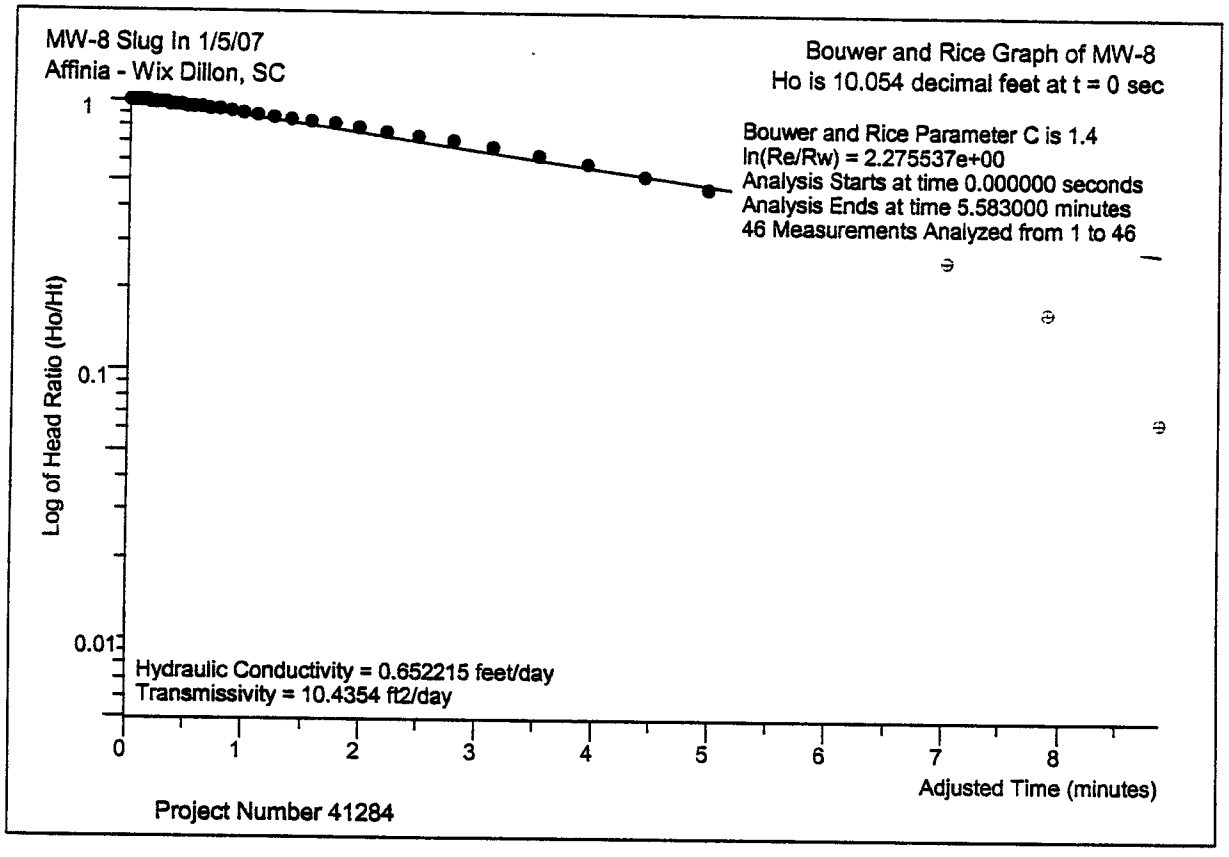

MW-5 Slug Out 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-5
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.972997 minutes
45 Measurements Analyzed from 1 to 45
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.651097 feet/day
Transmissivity = 12.3708 ft2/day
0
1
2
3
4
5
6
7
Adjusted Time (minutes)
Project Number 41284

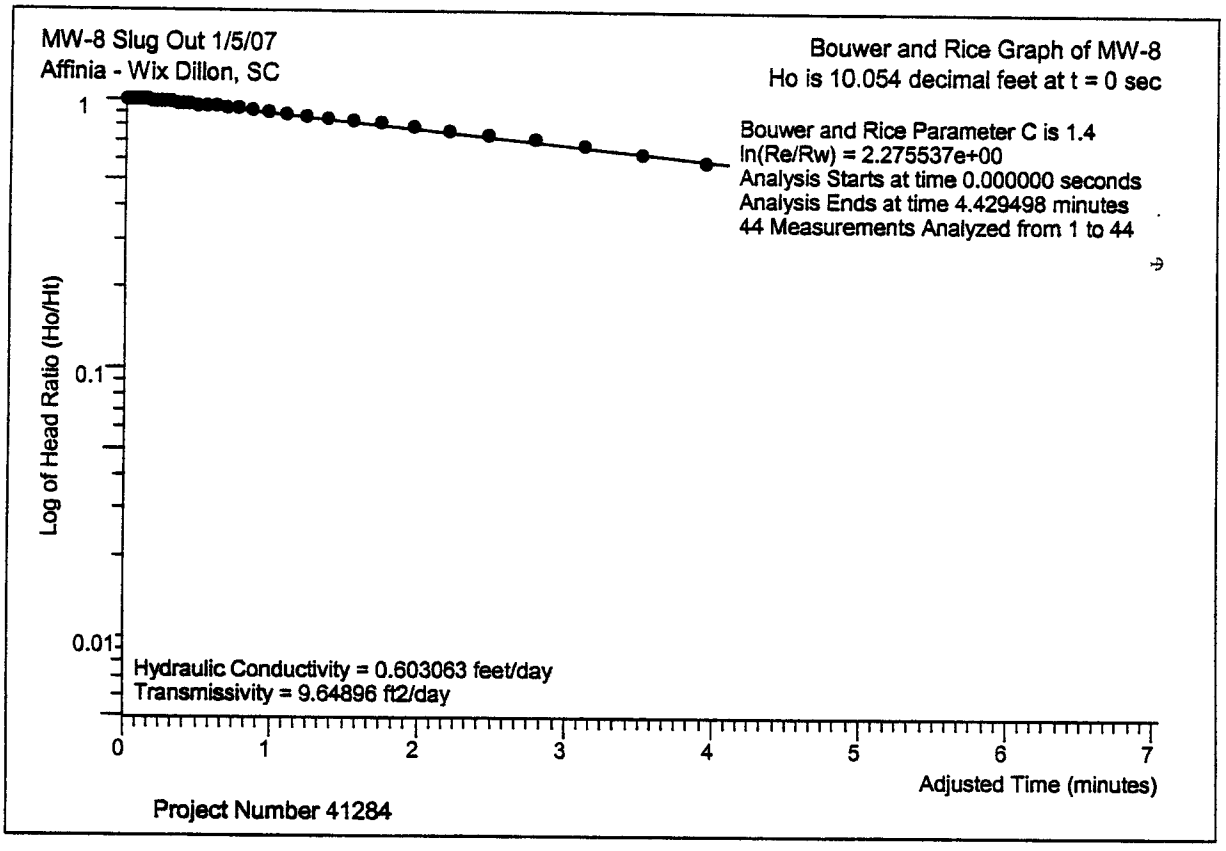

MW-6 Slug In 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-6
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.972997 minutes
45 Measurements Analyzed from 1 to 45
4 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.651097 feet/day
Transmissivity = 12.3708 ft2/day
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Adjusted Time (minutes)
Project Number 41284

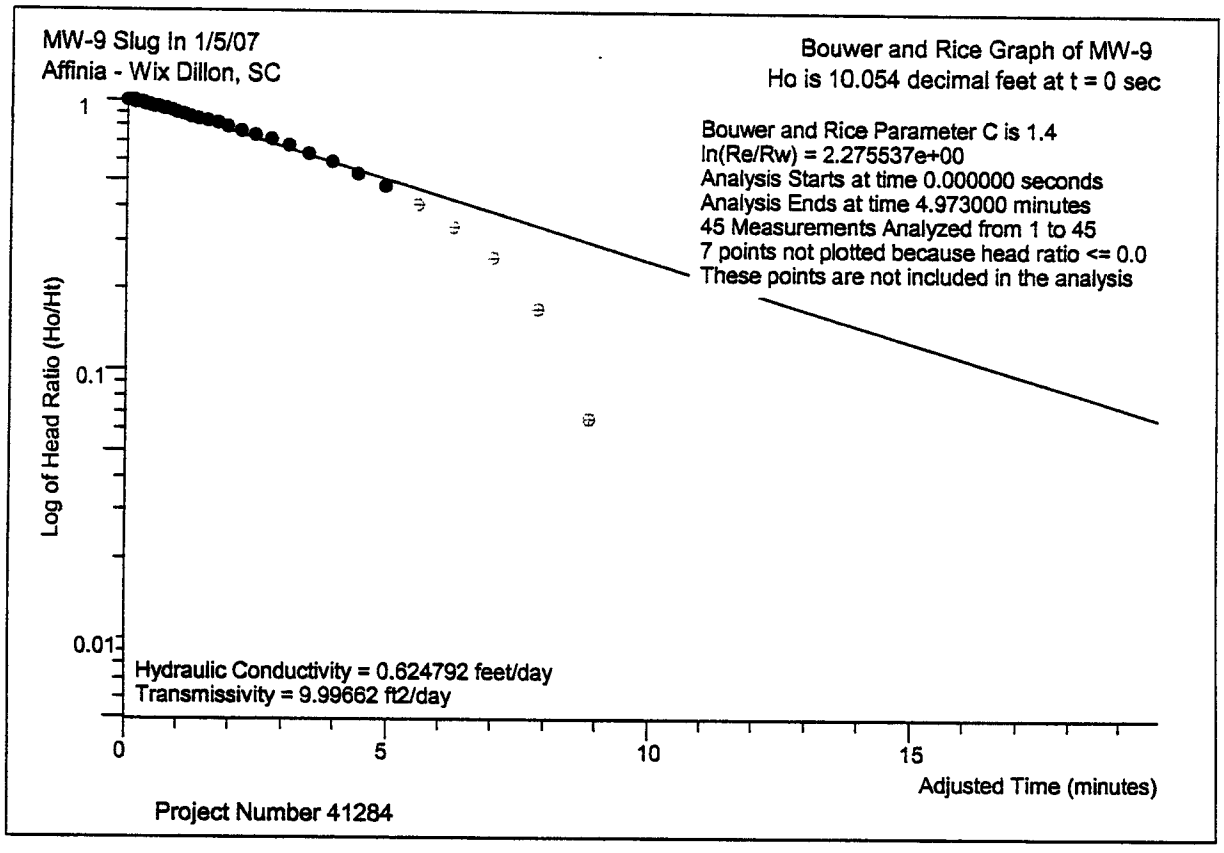

MW-6 Slug Out 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-6
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 5.583000 minutes
46 Measurements Analyzed from 1 to 46
6 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.679677 feet/day
Transmissivity = 12.9138 ft2/day
0
5
10
15
Adjusted Time (minutes)
Project Number 41284

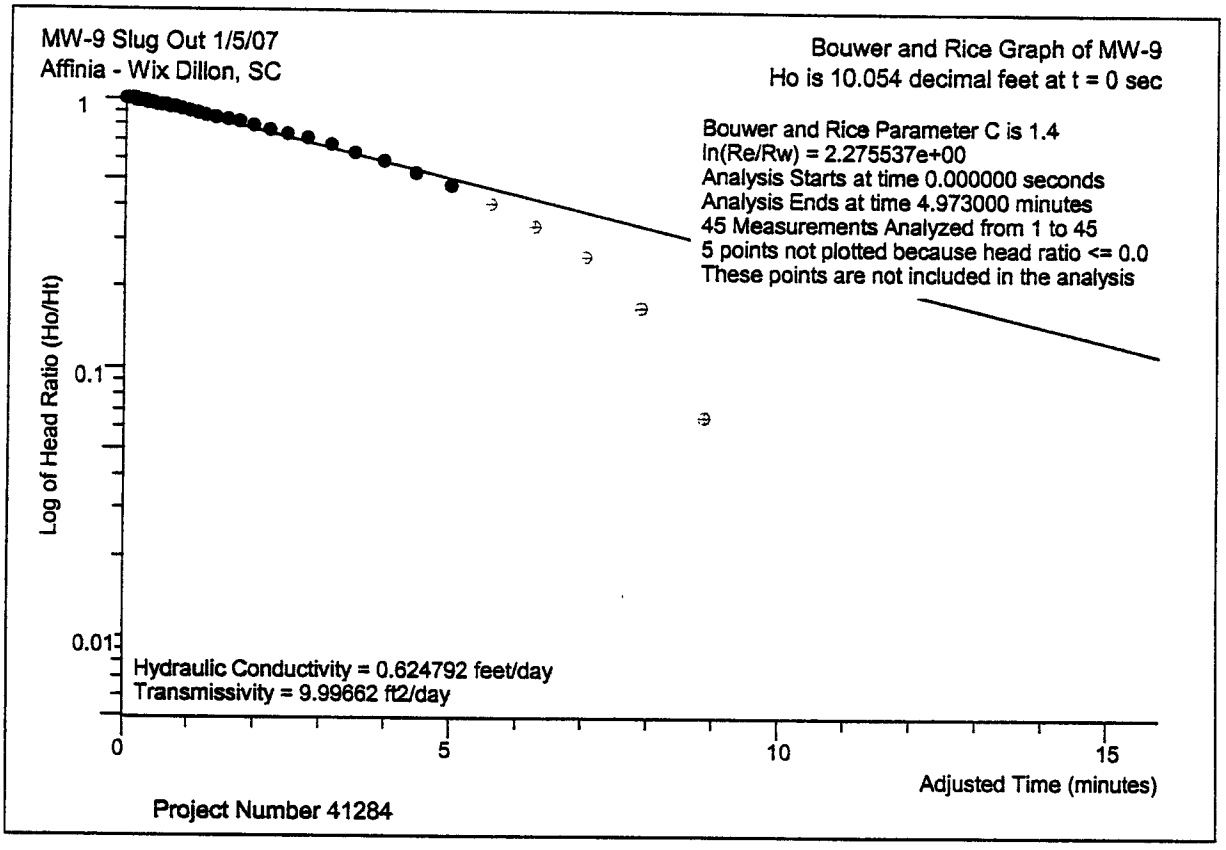

MW-7 Slug In 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-7
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 6.266300 minutes
47 Measurements Analyzed from 1 to 47
26 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.717124 feet/day
Transmissivity = 13.6253 ft2/day
0
5
10
15
20
25
30
35
40
45
50
55
Adjusted Time (minutes)
Project Number 41284


MW-7 Slug Out 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-7
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.371351e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 6.266300 minutes
47 Measurements Analyzed from 1 to 47
14 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.717124 feet/day
Transmissivity = 13.6253 ft2/day
0
5
10
15
20
25
30
Adjusted Time (minutes)
Project Number 41284


MW-8 Slug In 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-8
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.275537e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 5.583000 minutes
46 Measurements Analyzed from 1 to 46
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.652215 feet/day
Transmissivity = 10.4354 ft2/day
0
1
2
3
4
5
6
7
8
Adjusted Time (minutes)
Project Number 41284


MW-8 Slug Out 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-8
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.275537e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.429498 minutes
44 Measurements Analyzed from 1 to 44
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.603063 feet/day
Transmissivity = 9.64896 ft2/day
0
1
2
3
4
5
6
7
Adjusted Time (minutes)
Project Number 41284


MW-9 Slug In 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-9
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.275537e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.973000 minutes
45 Measurements Analyzed from 1 to 45
7 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.624792 feet/day
Transmissivity = 9.99662 ft2/day
0
5
10
15
Adjusted Time (minutes)
Project Number 41284


MW-9 Slug Out 1/5/07
Affinia - Wix Dillon, SC
Bouwer and Rice Graph of MW-9
Ho is 10.054 decimal feet at t = 0 sec
Bouwer and Rice Parameter C is 1.4
ln(Re/Rw) = 2.275537e+00
Analysis Starts at time 0.000000 seconds
Analysis Ends at time 4.973000 minutes
45 Measurements Analyzed from 1 to 45
5 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.624792 feet/day
Transmissivity = 9.99662 ft2/day
0
5
10
15
Adjusted Time (minutes)
Project Number 41284

ERM
Environmental Resources Management
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(843) 856-4283 (fax)
www.erm.com

PROJECT NO. 41284 SHEET 1 OF 1
PROJECT NAME Affinia - Wix
BY M. Easterbrook DATE 1/26/07
CHK'D BY [illegible] DATE 1/29/07

Velocity Estimation

from monitoring wells MW-7 to MW-8

gradient: $\frac{127.69\,ft\,(MW\text{-}7) - 126.69\,ft\,(MW\text{-}8)}{96\,ft} = 0.0104\,ft/ft$

Effective porosity for sandy clay = 0.24 (assumed) = n_e

Average hydraulic conductivity = 0.65 ft/day = K

gradient = 0.0104 ft/ft

$$V = \frac{Ki}{n_e} = \frac{(0.65\,ft/day)(0.0104\,ft/ft)}{0.24}$$

$V = 0.0282$ ft/day

$V \simeq 0.028$ ft/day $= \underline{\underline{9.48 \times 10^{-6}\,cm/sec}}$

Appendix F
Exposure Pathway Receptor Study

IDENTIFICATION OF POTENTIAL EXPOSURE PATHWAYS FOR HUMAN HEALTH RECEPTORS AT THE WIX FILRATION CORPORATION SITE

An exposure assessment was conducted to identify potential pathways of exposure to site-related constituents for human and ecological receptors under current and foreseeable future conditions at the Wix Filtration Corporation facility (Site) in Dillon, South Carolina. The primary objectives of the exposure assessment were: 1) to describe the existing land use/environmental setting at and within the immediate vicinity of the Site; and 2) to provide current human and/or ecological information that could guide risk assessment activities at the Site and serve as a baseline for comparison with future monitoring data, if required.

An exposure assessment provides an evaluation of the likelihood, magnitude and frequency of potential exposure that may occur at a given site. For the Site, the physical characteristics were examined to identify pathways by which human and ecological receptors may be exposed. Exposure scenarios were developed based on land use, general human behavior patterns and observations made of the ecological setting. Specifically for each scenario, pathways and routes of exposure by which human and ecological receptors could contact constituents were considered.

The path by which a potential site-related constituent is released from a source and migrates to an exposure point (the location where receptors may come into contact with the constituent) is called an exposure pathway. To ensure that only complete exposure pathways are included for further analysis, the pathway must have the following four components:

- a source and mechanism of constituent release to the environment;
- a transport medium by which the released constituent may reach a receptor (e.g., leaching from soil; volatilization into air);
- a point of potential contact where receptors may contact the site-related constituents (e.g., surface soil); and,
- a route by which potential receptors may be exposed to the site-related constituents (e.g., ingestion, dermal contact, inhalation).

Each of these components was considered in developing the Site Exposure Assessment.

DESCRIPTION OF SITE CONDITIONS

The following Site conditions were considered in identifying potential receptors and exposure pathways at the Site.

- The Wix Dillon plant was constructed in the late 1970's and has been in operation since 1977 producing fuel filters, oil filters, and air filters for automotive, diesel, racing, agricultural, and industrial applications. Toluene, the primary constituent detected at the Site during a utility line excavation in October 2005, was mixed with paints used in the manufacturing process in the early years of plant operation. Some information exists that suggests that an underground tank located in the southwest portion of the plant was used to dispense toluene via underground piping running from the underground tank entering the southwest corner of the manufacturing building.

- The current and foreseeable future use of the facility will remain as industrial use. Most of the subject property is secured by fencing around the vicinity of the manufacturing building; however, the Wix property extends approximately 300 feet beyond the fence along the southern border and further through the forested area to the west. Approximately ½ of the fenced portion of the property is covered by the manufacturing building and associated paved driveways and parking areas.

- The surrounding area is predominantly rural in nature, interspersed with light and heavy manufacturing facilities and few residential properties and agricultural areas. Residences are located to the west along Scotland Road, with some dwellings also located to the east and to the south of the property on the opposite side of Wix Road. The area to the west outside of the fence line is forested with ditches and a swale. A drainage ditch runs from the facility to the forested area.

- Site-related constituents have been detected in soil and ground water at the facility. Some volatile organic compounds (VOCs) have been detected at low concentrations, with the exception of toluene, which has been reported at high (part per billion) concentrations in both soil and ground water. Ground water flow direction has been defined in a westerly direction.

- Potable water is provided by the local municipality. Ground water is not used for potable or utilitarian purposes at the Site; thus, the potential for routine direct contact with ground water is unlikely to

occur. However, ground water is encountered at an average depth of approximately two feet BGS across the Site.

- A forested area is located outside of the fenceline to the west of the manufacturing building. A drainage ditch runs from the facility to the forested area. Surface water that may, on occasion, be present in the ditch would flow in a west-southwest direction. No constituents were detected in the surface water samples collected in May 2006. Only one constituent, p-isopropyltoluene, was reported at a very low concentration in the sediment.

IDENTIFICATION OF POTENTIAL RECEPTOR POPULATIONS AND EXPOSURE PATHWAYS

Potential Human Exposure

The identification of potential exposure pathways to human receptors are provided in Table 1 and discussed below by medium.

Surficial Soil – Buildings and/or pavement (driveways and parking areas) cover approximately one-half of the property, thus limiting the potential for direct contact with constituents in surficial soil (i.e., samples collected from the near surface soil). Potential exposure to constituents present in surficial soil may occur as follows:

- Limited exposure to constituents in exposed surficial soil could occur during routine maintenance activities conducted by facility workers, or trespassers who gain unauthorized access onto the Site.

- Although only low levels of volatile constituents were detected in surficial soils, these constituents may be released via volatilization from soil into ambient air.

Subsurface Soil – Site-related constituents were detected in soil at high part per billion concentrations at depths of 4 to 10 feet BGS in the vicinity of the southwestern corner of the manufacturing building. The presence of constituents in soil likely serves as a source of contamination for ground water. Potential exposure to constituents present in subsurface soil may occur as follows:

- Direct contact exposure with subsurface soil is not expected to occur unless some form of excavation is undertaken. Such exposure could result from subsurface activities occurring during

utility trenching and maintenance, and construction activities during Site re-development.

- Floor drains in the buildings have been sealed, thus, reducing the potential for vapor intrusion into the manufacturing building. Nonetheless, volatile constituents were detected in subsurface soils and may be released via vapor intrusion into indoor air. This may represent a potentially complete exposure pathway for facility workers.

Ground Water – Site-related constituents, specifically toluene, were detected in ground water above regulatory standards set forth by SCDHEC or USEPA. Potential exposure to constituents present in ground water may occur as follows:

- Potable water is provided to the Site and surrounding areas by the local municipality. There are no known domestic wells in close proximity to the Site and water resources in the area are not expected to be developed for domestic use in the future. The ingestion and dermal contact routes of exposure to ground water by on-Site or off-Site receptors are unlikely.

- Because ground water is encountered at a depth of approximately two feet BGS, ground water could be contacted during subsurface trenching/excavation activities that may take place at the Site.

- VOCs were detected in ground water samples collected at the Site with the contaminant plume located within 100 feet of the manufacturing building. Consequently, inhalation of constituents released via volatilization from the water table through vapor intrusion into indoor air may represent a potentially complete exposure pathway for Site workers.

Surface water and sediment – Surface water and sediment samples were collected in May 2006. There were no reported detections of VOCs in surface water, while a low concentration (4.9 μg/kg) of p-isopropyltoluene was reported in one sediment sample (SED-1). There is no regulatory limit established for this constituent by either SCDHEC or by USEPA. Because there is no indication that surface water and sediment have been impacted by Site operations, potential exposure by humans or ecological receptors does not represent a significant health concern.

Human Receptors and Pathways

Although site-related constituents have been identified in both soil and ground water, incidental exposure to Site soils by off-site residents and/or trespassers is unlikely because of the physical (i.e., developed) nature of the Site and the presence of a boundary fence that limits access to the active portion of the Site. Given the current conditions at the Site, industrial site workers represent the maximally exposed population. However, should Site re-development occur in the future, potential exposure for the construction worker may also occur.

The only complete pathways for human receptors anticipated at the Site include the following:

- Direct contact (i.e., ingestion and dermal contact) and inhalation of constituents released from soil to ambient air;
- Inhalation of constituents volatilizing from soil and/or from ground water that may migrate into indoor air; and
- Direct contact (i.e., ingestion and dermal contact) and inhalation of constituents released ground water during subsurface trenching/excavation activities.

Potential Ecological Exposure

As previously noted, no constituents were detected in surface water at concentrations greater than surface water standards. Consequently, conducting an ecological assessment is not warranted.

Table F-1: Identification of Potential Human Receptors and Exposure Pathways
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Site-Specific Factors that Influence Potential Exposures
Human Receptors								
Current - Industrial Land Use	Soil	Surface/ Subsurface Soil	On-Site Soil	On-Site Worker / Trespasser	Adult, Youth,	Dermal/ Ingestion	On-Site	Potential Exposure - Exposure May Occur Much of the active portion of the site is covered by buildings and pavement. The remaining portion of the site is landscaped. Affected soil was encountered at depths greater than 2 feet bgs.
		Particulates/Vapors released from exposed soils	Inhaled particulates in on-site outdoor air	On-Site Worker / Trespasser	Adult, Youth,	Inhalation	On-Site	Potential Exposure - Exposure May Occur Much of the active portion of the site is covered by buildings and pavement The remaining portion of the site is landscaped Affected soil was encountered at depths greater than 2 feet bgs
		Vapors emanating from subsurface soils	Inhaled vapors in indoor air	On-Site Workers	Adult	Inhalation	On-Site	Potential Exposure - Exposure May Occur - VOCs detected in soil could result in vapor migration into indoor air of the Site buildings.
	Ground Water	Ground Water	Ground Water	Construction Worker	Adult	Dermal/ Ingestion	On-Site	Potential Exposure - Exposure May Occur. Groundwater was encountered at an average depth of 3 feet bgs. Direct contact exposure could occur during trenching/excavation activities.
		Ground Water	Tap Water	On-Site Workers	Adult	Dermal/ Ingestion	On-Site	Potential Exposure - Incomplete. No potable ground water wells currently on-Site.
		Vapors emanating from ground water	Inhaled vapors in indoor air	On-Site Workers	Adult	Inhalation	On-Site	Potential Exposure - Exposure May Occur. Future land use is expected to remain industrial Ground water data indicates the presence of volatile constituents beneath the active portion of the Site. These constituents could volatilize and migrate into occupied structures on-Site
	Surface Water Bodies	Surface Water/Sediment	Ditch	Trespasser	Adult, Youth,	Dermal/ Ingestion	Off-Site	Potential Exposure - Incomplete No site-related constituents were detected in surface water Only one constituent, p-isopropyltoluene was detected in sediment at a very low concentration.
Human Receptors								
Future - Industrial Land Use	Soil	Surface/ Subsurface Soil	On-Site Soil	Construction Worker	Adult	Dermal/ Ingestion	On-Site	Potential Exposure - Exposure May Occur. Future land use is expected to remain industrial Affected soil was encountered at depths greater than 2 feet, however, direct contact exposure could occur with future construction/maintenance activities.
		Particulates/Vapors released from exposed soils	Inhaled particulates in on-site outdoor air	Construction Worker	Adult	Inhalation	On-Site	Potential Exposure - Exposure May Occur. Future land use is expected to remain industrial. Affected soil was encountered at depths greater than 2 feet, however, direct contact exposure could occur with future construction/maintenance activities
		Surface/ Subsurface Soil	On-Site Soil	On-Site Worker / Trespasser	Adult, Youth,	Dermal/ Ingestion	On-Site	Potential Exposure - Insignificant Future land use is expected to remain industrial Affected soil was encountered at depths greater than 2 feet Unless subsurface activities occur bringing impacted soil to the surface, direct contact exposure is not expected.
		Particulates/Vapors released from exposed soils	Inhaled particulates in on-site outdoor air	On-Site Worker / Trespasser	Adult, Youth,	Inhalation	On-Site	Potential Exposure - Insignificant Future land use is expected to remain industrial Affected soil was encountered at depths greater than 2 feet. Unless subsurface activities occur bringing impacted soil to the surface, direct contact exposure is not expected

Table F-1: Identification of Potential Human Receptors and Exposure Pathways
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Site-Specific Factors that Influence Potential Exposures
Human Receptors (continued)								
		Vapors emanating from subsurface soils	Inhaled vapors in indoor air	On-Site Workers	Adult	Inhalation	On-Site	Potential Exposure - Insignificant Future land use is expected to remain industrial. Affected soil was encountered at depths greater than 2 feet. Unless subsurface activities occur bringing impacted soil to the surface, direct contact exposure is not expected
Future - Commercial/ Industrial Land Use	Ground Water	Ground Water	Ground Water	Construction Worker	Adult	Dermal/ Ingestion	On-Site	Potential Exposure - Exposure May Occur. Groundwater was encountered at an average depth of 3 feet bgs. Direct contact exposure could occur during trenching/excavation activities.
		Ground Water	Tap Water	On-Site Workers	Adult	Dermal/ Ingestion	On-Site	Potential Exposure - Incomplete Ground water is not expected to be used for drinking water.
		Vapors emanating from ground water	Inhaled vapors in indoor air	On-Site Worker	Adult	Inhalation	On-Site	Potential Exposure - Exposure May Occur. Future land use is expected to remain industrial Ground water data indicates the presence of volatile constituents beneath the active portion of the Site. These constituents could volatilize and migrate into occupied structures on-Site
	Surface Water Bodies	Surface Water/Sediment	Creek, seeps	Recreational users	Adult, Youth,	Dermal/ Ingestion	Off-Site	Potential Exposure - Insignificant. Future releases of site-related constituents to surface water bodies not anticipated to occur.

Tables

Table 1: Summary of Soil Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Soil Sample Results in µg/kg				
	PQL	PRG	December 6, 2006	December 5, 2006		December 7, 2006	December 6, 2006
			Location: STB-11 Label: GP-9 (4-6)	Location: STB-12 Label: GP-10 (6-8)	Location: STB-13 Label: GP-11 (8-10)	Location: STB-14 Label: GP-12 (6-8)	Location: MW-5 Label: MW-5 (12-
cis-1,2-Dichloroethene	5	43,000	ND	ND	ND	ND	ND
p-Isopropyltoluene	NW	NL	ND	ND	ND	ND	ND
Toluene	5,000	520,000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NW	52	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NW	21	ND	ND	ND	ND	ND
m&p-Xylene	NW	NL	ND	ND	ND	ND	ND
o-Xylene	NW	NL	ND	ND	ND	ND	ND
Xylenes (Total)	10,000	270,000	ND	ND	ND	ND	ND
Total VOCs	--	--	ND	ND	ND	ND	ND

Notes:

PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NL = Not Listed in EPA Region IX PRG table from October 2004
NW = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
GP-9 (4-6) = Laboratory sample label with associated sample depth in parentheses

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 1: Summary of Soil Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Soil Sample Results in µg/kg				Hand Auger Soil Sample Results in µg/kg
	PQL	PRG	December 6, 2006		December 4, 2006	December 5, 2006	December 7, 2006
			Location: MW-6 Label: MW-6 (8-10)	Location: MW-9 Label: MW-9 (6-8)	Location: MW-7 Label: MW-7 (4-6)	Location: MW-8 Label: MW-8 (4-6)	Location: HA-1 Label: GP-13 (0-2)
cis-1,2-Dichloroethene	5	43,000	ND	ND	ND	ND	ND
p-Isopropyltoluene	NW	NL	ND	ND	ND	12	ND
Toluene	5,000	520,000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NW	52	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NW	21	ND	ND	ND	ND	ND
m&p-Xylene	NW	NL	ND	ND	ND	ND	ND
o-Xylene	NW	NL	ND	ND	ND	ND	ND
Xylenes (Total)	10,000	270,000	ND	ND	ND	ND	ND
Total VOCs	--	--	ND	ND	ND	12	ND

Notes:

PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NL = Not Listed in EPA Region IX PRG table from October 2004
NW = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
GP-9 (4-6) = Laboratory sample label with associated sample depth in parentheses

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 1: Summary of Soil Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Hand Auger Soil Sample Results in µg/kg	
			December 7, 2006	
	PQL	PRG	Location: HA-2 Label: GP-14 (0-2)	Location: HA-3 Label: GP-15 (0-2)
cis-1,2-Dichloroethene	5	43,000	ND	ND
p-Isopropyltoluene	NW	NL	ND	ND
Toluene	5,000	520,000	ND	ND
1,2,4-Trimethylbenzene	NW	52	ND	ND
1,3,5-Trimethylbenzene	NW	21	ND	ND
m&p-Xylene	NW	NL	ND	ND
o-Xylene	NW	NL	ND	ND
Xylenes (Total)	10,000	270,000	ND	ND
Total VOCs	--	--	ND	ND

Notes:

PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NL = Not Listed in EPA Region IX PRG table from October 2004
NW = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
GP-9 (4-6) = Laboratory sample label with associated sample depth in parentheses

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 2: Summary of Historical Soil and Sediment Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Soil Sample Results in µg/kg								
			October 18, 2005					November 18, 2005			
	PQL	PRG	Soil Pile 1	Soil Pile 2	Excavation 1	Excavation 2	Excavation 3	GP-1	GP-2	GP-3	GP-4
Acetone	20	14,000,000	ND	106	ND	ND	ND	ND	43	ND	41
Benzene	330	640	ND	5	2	ND	ND	14	4	ND	6
cis-1,2-Dichloroethene	5	43,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	41.1	360,000	5	3	2	ND	2	9	ND	ND	ND
Ethylbenzene	330	400,000	10	31	2	128	2	ND	9	ND	11
Isopropylbenzene	5	570,000	ND	3	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	NM	NL	2	3	ND	ND	ND	ND	**2**	ND	**6**
n-Propylbenzene	NM	240,000	2	8	2	ND	ND	ND	4	ND	21
Methylene Chloride	0.30	9,100	6	6	4	ND	ND	ND	ND	ND	ND
Naphthalene	1,600	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5,000	520,000	6,900	78,400	11,100	127,000	29,200	156	9,110	**656,000**	44,900
1,2,4-Trimethylbenzene	NM	52,000	23	44	8	211	ND	ND	5	870	9
1,3,5-Trimethylbenzene	NM	21,000	5	11	3	92	ND	ND	ND	ND	ND
Xylene (Total)	10,000	270,000	17	40	5	169	ND	ND	9	ND	6
m&p-Xylene	NM	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	NM	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	--	6,970	78,660	11,128	127,600	29,204	179	9,186	656,870	45,000
Total Organic Carbon	NM	NL	NA	NA	NA	NA	NA				

Notes:
= Results above PRG comparative standard
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NA = Not Analyzed
NL = Not Listed in EPA Region IX PRG table from October 2004
NM = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
STB-DUP = Blind Duplicate sample for STB-8 (6-8)

Soil samples collected in October 2005 and November 2005 were analyzed by Test America Analytical Testing Corporation of Nashville, TN for EPA Method 8260B
Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 2: Summary of Historical Soil and Sediment Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Soil Sample Results in µg/kg										
	PQL	PRG	November 18, 2005				May 16, 2006				May 17, 2006		
			GP-5	GP-6	GP-7	GP-8	STB-1 (4-6) ft	STB-2 (6-8) ft	STB-3 (8-10) ft	STB-4 (4-6) ft	STB-5 (4-6) ft	STB-6 (6-8) ft	STB-7 (2-4) ft
Acetone	20	14,000,000	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	ND
Benzene	330	640	ND	ND	ND	ND	ND	ND	ND	ND	15	6.9	ND
cis-1,2-Dichloroethene	5	43,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	41.1	360,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	330	400,000	ND	ND	ND	ND	ND	ND	9.9	290	38	18	8.5
Isopropylbenzene	5	570,000	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	9.4
p-Isopropyltoluene	NM	NL	ND	**1,710**	ND	ND	ND	ND	ND	**410**	**140**	**11**	**5.4**
n-Propylbenzene	NM	240,000	ND	ND	ND	ND	ND	ND	ND	ND	55	ND	22
Methylene Chloride	0.30	9,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1,600	NL	ND	ND	ND	ND	1,100	ND	ND	ND	84	ND	ND
Toluene	5,000	520,000	**1,630,000**	232,000	28,000	**990,000**	410,000	**1,800,000**	30,000	66,000	370,000	25,000	140
1,2,4-Trimethylbenzene	NM	52,000	ND	3,210	83	1,950	4,000	4,100	8.2	ND	130	ND	ND
1,3,5-Trimethylbenzene	NM	21,000	ND	1,230	ND	800	1,300	ND	ND	ND	42	ND	28
Xylene (Total)	10,000	270,000	ND	ND	ND	ND	2,100	ND	14	450	84	17	11
m&p-Xylene	NM	NL	ND	ND	ND	ND	ND	ND	**12**	**450**	**55**	**14**	**9.4**
o-Xylene	NM	NL	ND	ND	ND	ND	ND	ND	ND	ND	**28**	ND	ND
Total VOCs	--	--	1,630,000	238,150	28,083	992,750	418,500	1,804,100	30,044.1	67,600	370,896	25,066.9	233.7
Total Organic Carbon	NM	NL					NA	NA	NA	NA	NA	NA	NA

Notes:
= Results above PRG comparative standard
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NA = Not Analyzed
NL = Not Listed in EPA Region IX PRG table from October 2004
NM = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
STB-DUP = Blind Duplicate sample for STB-8 (6-8)

Soil samples collected in October 2005 and November 2005 were analyzed by Test America Analytical Testing Corporation of Nashville, TN for EPA Method 8260B
Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 2: Summary of Historical Soil and Sediment Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/kg		Soil Sample Results in µg/kg						Sediment Sample Results in µg/kg	
			May 17, 2006				May 18, 2006		May 24, 2006	
	PQL	PRG	STB-8 (6-8) ft	STB-9 (8-10) ft	STB-DUP	MW-3 (8-10)* ft	STB-10 (8-10) ft	STB-10 (12-14) ft	SED-1	SED-2
Acetone	20	14,000,000	ND	ND	ND	NA	ND	NA	120	ND
Benzene	330	640	ND	13	ND	NA	ND	NA	ND	ND
cis-1,2-Dichloroethene	5	43,000	ND	4.8	ND	NA	ND	NA	ND	ND
Carbon Disulfide	41.1	360,000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	330	400,000	ND	110	ND	NA	ND	NA	ND	ND
Isopropylbenzene	5	570,000	ND	79	ND	NA	ND	NA	ND	ND
p-Isopropyltoluene	NM	NL	ND	ND	ND	NA	ND	NA	**4.9**	ND
n-Propylbenzene	NM	240,000	ND	190	ND	NA	ND	NA	ND	ND
Methylene Chloride	0.30	9,100	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1,600	NL	ND	5	ND	NA	ND	NA	ND	ND
Toluene	5,000	520,000	**2,000,000**	380,000	**1,700,000**	NA	ND	NA	ND	ND
1,2,4-Trimethylbenzene	NM	52,000	ND	570	ND	NA	ND	NA	ND	ND
1,3,5-Trimethylbenzene	NM	21,000	ND	230	ND	NA	ND	NA	ND	ND
Xylene (Total)	10,000	270,000	6,000	300	4,400	NA	ND	NA	ND	ND
m&p-Xylene	NM	NL	ND	**160**	ND	NA	ND	NA	ND	ND
o-Xylene	NM	NL	**4,700**	**140**	**4,400**	NA	ND	NA	ND	ND
Total VOCs	--	--	2,010,700	381,801.8	1,708,800	--	ND	--	124.9	ND
Total Organic Carbon	NL	NL	NA	NA	NA	ND	NA	2,960,000	NA	NA

Notes:
= Results above PRG comparative standard
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004 or EPA Region IV
µg/kg = Micrograms per Kilogram
ND = Not Detected above applicable reporting limit
NA = Not Analyzed
NL = Not Listed in EPA Region IX PRG table from October 2004
NM = Not Listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
STB-DUP = Blind Duplicate sample for STB-8 (6-8)
* = Location MW-3 is also location STB-7

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 3: Summary of Well Construction Data
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Well Number	Date Installed	Total Boring Depth (feet bgs)	Depth to Top of Bentonite Seal (feet bgs)	Depth to Top of Sand Pack (feet bgs)	Ground Elevation (feet NGVD)	Top of PVC Casing Elevation (feet NGVD)	Depth of Ground Water				Bottom of Borehole Elevation (feet NGVD)	Elevation of Screened Interval (feet NGVD)	Northing	Easting
							Date Collected	Time Collected	(feet bgs)	(feet NGVD)				
MW-5	12/6/2006	15.90	2.00	4.00	129.20	128.97	12/7/2006	3:25 PM	2.55	126.42	113.295	123.39 - 113.77	954618.7	2486334
MW-6	12/6/2006	16.68	2.00	4.00	129.96	129.73	12/7/2006	4:30 PM	2.90	126.83	113.28	123.35 - 113.74	954515.9	2486382
MW-7	12/4/2006	18.15	4.00	6.00	128.41	128.24	12/5/2006	3:20 PM	3.00	125.24	110.26	120.51 - 110.88	954678.4	2486244
MW-8	12/5/2006	17.00	3.00	5.00	127.57	130.91	12/6/2006	8:05 AM	2.40	128.51	110.57	120.64 - 111.02	954675.8	2486153
MW-9	12/6/2006	16.00	2.00	4.00	132.15	131.76	12/7/2006	3:10 PM	3.00	128.76	116.15	126.57 - 116.95	954990.1	2486274

Notes:
NGVD = National Geodetic Vertical Datum of 1929
feet bgs = Feet Below Ground Surface
Well Type is Schedule 40 PVC Type II

Monitoring wells were installed by A.E. Drilling Services, Inc of Greenville, South Carolina

Table 4: Summary of Ground Water Elevation Measurements
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Monitoring Well	Date Measured	Top of Casing Datum Elevation (feet NGVD)	Depth to Water (feet below TOC)	Ground Water Elevation (feet NGVD)
MW-1	1/4/2007	131.56	3.25	128.31
MW-2	1/4/2007	129.58	1.65	127.93
MW-3	1/4/2007	129.06	1.1	127.96
MW-4	1/4/2007	130.47	2.71	127.76
MW-5	1/4/2007	128.97	1.22	127.75
MW-6	1/4/2007	129.73	1.64	128.09
MW-7	1/4/2007	128.24	0.55	127.69
MW-8	1/4/2007	130.91	4.22	126.69
MW-9	1/4/2007	131.76	3.55	128.21

Note:
NGVD = National Geodetic Vertical Datum of 1929
TOC = Top of PVC Casing

Table 5: Summary of Ground Water Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/L			Ground Water Sample Results in µg/L January 4, 2007								
	PQL	MCL	PRG	MW-5	MW-6	MW-7	MW-8	MW-9	DUP-1	EB-1	FB-1	TB-1
cis-1,2-Dichloroethene	0.5	70	61	ND	ND	ND	ND	3	ND	ND	ND	ND
p-Isopropyltoluene	NW	NF	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1	1,000	720	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.028	ND	ND	ND	ND	1.7	ND	ND	ND	ND
Total VOCs	--	--	--	ND	ND	ND	ND	4.7	ND	ND	ND	ND

Notes:

µg/L = Micrograms per Liter
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B
MCL = Maximum Contaminant Level is the highest level that is allowed in drinking water according to South Carolina Class GB Ground Water Standards
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004
NL = Not listed in October 2004 EPA Region IX PRG table
ND = Not detected above reporting limit
NW = Not listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
NF = Not found in South Carolina Class GB Ground Water Standards or EPA National Primary or Secondary Drinking Water Standards
DUP-1 = Duplicate sample for MW-7
EB-1 = Equipment Blank
FB-1 = Field Blank
TB-1 = Trip Blank

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B

Table 6: Summary of Historical Ground Water and Surface Water Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/L			Ground Water Sample Results in µg/L						
				November 18, 2005						
	PQL	MCL	PRG	TW-1	TW-2	TW-3	DUP-1**	EB-1	FB-2	TB-1
Acetone	10	NF	5,500	ND	ND	ND	51.6	ND	ND	ND
Benzene	1	5	0.35	54.1	23.7	55	57.8	ND	ND	ND
2-Butanone	10	NF	7,000	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1	NF	4.6	3.43	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.5	70	61	3.93	2.68	9.15	13.3	ND	ND	ND
1,2-Dichloroethene (Total)	1	170	181	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.2	NF	810	13.9	ND	1.39	ND	ND	ND	ND
1,1-Dichloroethene	0.4	7	340		ND	1.51	ND	ND	ND	ND
Ethylbenzene	1	700	1,300	39.3	13.8	21.9	43.4	ND	ND	ND
Isopropylbenzene	1	NF	660	ND	2.8	5.9	12.8	ND	ND	ND
p-Isopropyltoluene	NM	NF	NL	1.88	3.75	1.03	2.48	ND	ND	ND
n-Propylbenzene	NM	NF	240	2.58	6.49	9.85	24.1	ND	ND	ND
Naphthalene	10	NF	NL	ND	ND	ND	ND	ND	ND	ND
Toluene	1	1,000	720	140,000	7,610	21,600	184,000	1.41	ND	2.73
Tetrachloroethene	1.4	5	0.1	ND	ND	1.26	2.07	ND	ND	ND
1,2,4-Trimethylbenzene	NM	NF	12	ND	28.4	61.1	137	ND	ND	ND
1,3,5-Trimethylbenzene	NM	NF	12	ND	6.64	12.7	32.3	ND	ND	ND
1,1,1-Trichloroethane	0.8	200	3,200	7.52	ND	ND	ND	ND	ND	ND
Xylene (Total)	1	10,000	210	30.1	13	44.2	88.7	ND	ND	ND
m&p-Xylene	NM	NF	NL	ND	ND	ND	ND	ND	ND	ND
o-Xylene	NM	NF	NL	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	--	--	140,164.76	7,711.26	21,824.99	184,465.55	1.41	ND	2.73

Notes:

= Results above MCL comparative standard

µg/L = Micrograms per Liter
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B generally 10 times the MDL
MCL = Maximum Contaminant Level is the highest level that is allowed in drinking water according to South Carolina Class GB Ground Water Standards
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004
NL = Not listed in EPA Region IX PRG table from October 2004
NF = Not found in South Carolina Class GB Ground Water Standards or EPA National Primary or Secondary Drinking Water Standards
ND = Not detected above reporting limit
NM = Not listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
DUP-1* = Duplicate sample for MW-3
DUP-1** = Duplicate sample for TW-3
EB-1 = Equipment Blank
FB-1 = Field Blank

Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B
Laboratory Analysis of temporary wells TW-1, TW-2, and TW-3 by Test America Analytical Testing Corporation of Nashville, TN for EPA Method 8260B

Table 6: Summary of Historical Ground Water and Surface Water Sample Results Compared to Standards
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Compounds and Constituents	Standards in µg/L			Ground Water Sample Results in µg/L							Surface Water Results in µg/L	
	PQL	MCL	PRG	May 25, 2006	May 24, 2006				May 25, 2006		May 24, 2006	
				MW-1	MW-2	MW-3	MW-4	DUP-1*	EB-1	FB-1	SW-1	SW-2
Acetone	10	NF	5,500	ND	ND	ND	27	ND	ND	ND	ND	ND
Benzene	1	5	0.35	ND		ND	27	ND	ND	ND	ND	ND
2-Butanone	10	NF	7,000	ND	ND	ND	6.6	ND	ND	ND	ND	ND
Chloroethane	1	NF	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.5	70	61	ND	ND	ND	4.8	ND	ND	ND	ND	ND
1,2-Dichloroethene (Total)	1	170	181	ND	ND	ND	5.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.2	NF	810	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.4	7	340	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	700	1,300	ND	3	ND	3.4	ND	ND	ND	ND	ND
Isopropylbenzene	1	NF	660	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	NM	NF	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NM	NF	240	ND	ND	ND	1.1	ND	ND	ND	ND	ND
Naphthalene	10	NF	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1	1,000	720	340,000	11,000	210,000	41,000	220,000	ND	ND	ND	ND
Tetrachloroethene	1.4	5	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NM	NF	12	ND	ND		ND	2,100	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NM	NF	12	ND	ND	ND		ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.8	200	3,200	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	1	10,000	210	230	2.8	ND	9.3	ND	ND	ND	ND	ND
m&p-Xylene	NM	NF	NL	ND	2.4	ND	4.1	ND	ND	ND	ND	ND
o-Xylene	NM	NF	NL	ND	ND	ND	5.2	ND	ND	ND	ND	ND
Total VOCs	--	--	--	340,230	11,029.2	212,100	41,095.2	222,100	ND	ND	ND	ND

Notes:

µg/L = Micrograms per Liter
PQL = Practical Quantitation Limit - SW 846 EPA Method 8260B generally 10 times the MDL
MCL = Maximum Contaminant Level is the highest level that is allowed in drinking water according to
PRG = Residential Preliminary Remediation Goal - EPA Region IX from October 2004
NL = Not listed in EPA Region IX PRG table from October 2004
NF = Not found in South Carolina Class GB Ground Water Standards or EPA National Primary or Secondary Drinking Water Standards
ND = Not detected above reporting limit
NM = Not listed with the Safe Drinking Water Act and SW 846 EPA Method 8260B
DUP-1* = Duplicate sample for MW-3
DUP-1** = Duplicate sample for TW-3
EB-1 = Equipment Blank
FB-1 = Field Blank

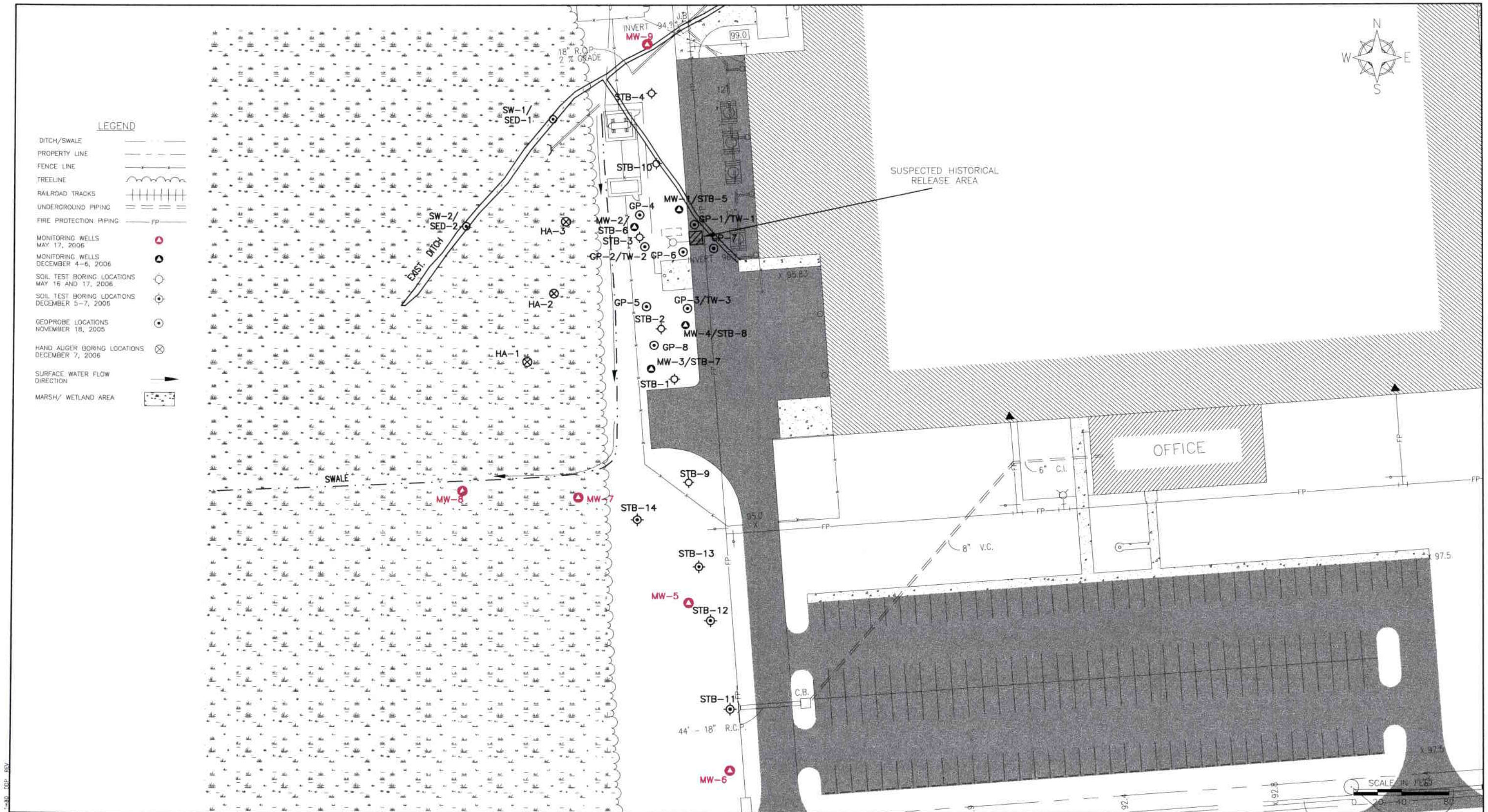
Laboratory Analysis by Pace Analytical Laboratories of Charlotte, NC for EPA Method 8260B
Laboratory Analysis of temporary wells TW-1, TW-2, and TW-3 by Test America Analytical Testing Corporation of Nashville, TN for EPA Method 8260B

Table 7: Summary of Permeability Test Data
Wix Filtration Corporation - Dillon, South Carolina
The Affinia Group, Inc.

Monitoring Well	Date	Static Water Level (feet bgs)	Depth of Well (feet)	Screen Length (feet)	Slug In/Out	K- Value (feet/day)	K- Value (cm/sec)	Transmissivity ($feet^2$/day)
MW-5	1/5/2006	1.22	15.5	10	In	0.63	2.20E-04	11.94
					Out	0.65	2.30E-04	12.37
MW-6	1/5/2006	1.64	16.4	10	In	0.65	2.30E-04	12.37
					Out	0.68	2.40E-04	12.91
MW-7	1/5/2006	0.55	18.08	10	In	0.72	2.50E-04	13.63
					Out	0.72	2.50E-04	13.63
*MW-8	1/5/2006	4.22	19.9	10	In	0.65	2.30E-04	10.43
					Out	0.60	2.10E-04	9.65
MW-9	1/5/2006	3.55	15.2	10	In	0.62	2.20E-04	10.00
					Out	0.62	2.20E-04	10.00
Average Hydraulic Conductivity from "Slug-In"						0.65	2.30E-04	11.67
Average Hydraulic Conductivity from "Slug-Out"						0.65	2.30E-04	11.71

Notes:
bgs = Below Ground Surface
K-Value = Hydraulic Conductivity
feet/day = Hydraulic Conductivity in feet per day
$feet^2$/day = Transmissivity in feet squared per day
cm/sec = Hydraulic Conductivity in centimeters per second
*Monitoring well MW-8 has 3.34 feet of casing above grade.

Figures



NO.	DATE	APPR.	REVISION	REVISION

WIX FILTRATION CORPORATION

AFFINIA GROUP INC. — DILLON, SOUTH CAROLINA

DRAWN BY: DDP	PROJECT ENGINEER: MCE
DESIGN ENGINEER: –	PROJECT MANAGER: MCE

ERM

NOT FOR CONST-RUCTION

FACILITY SITE PLAN

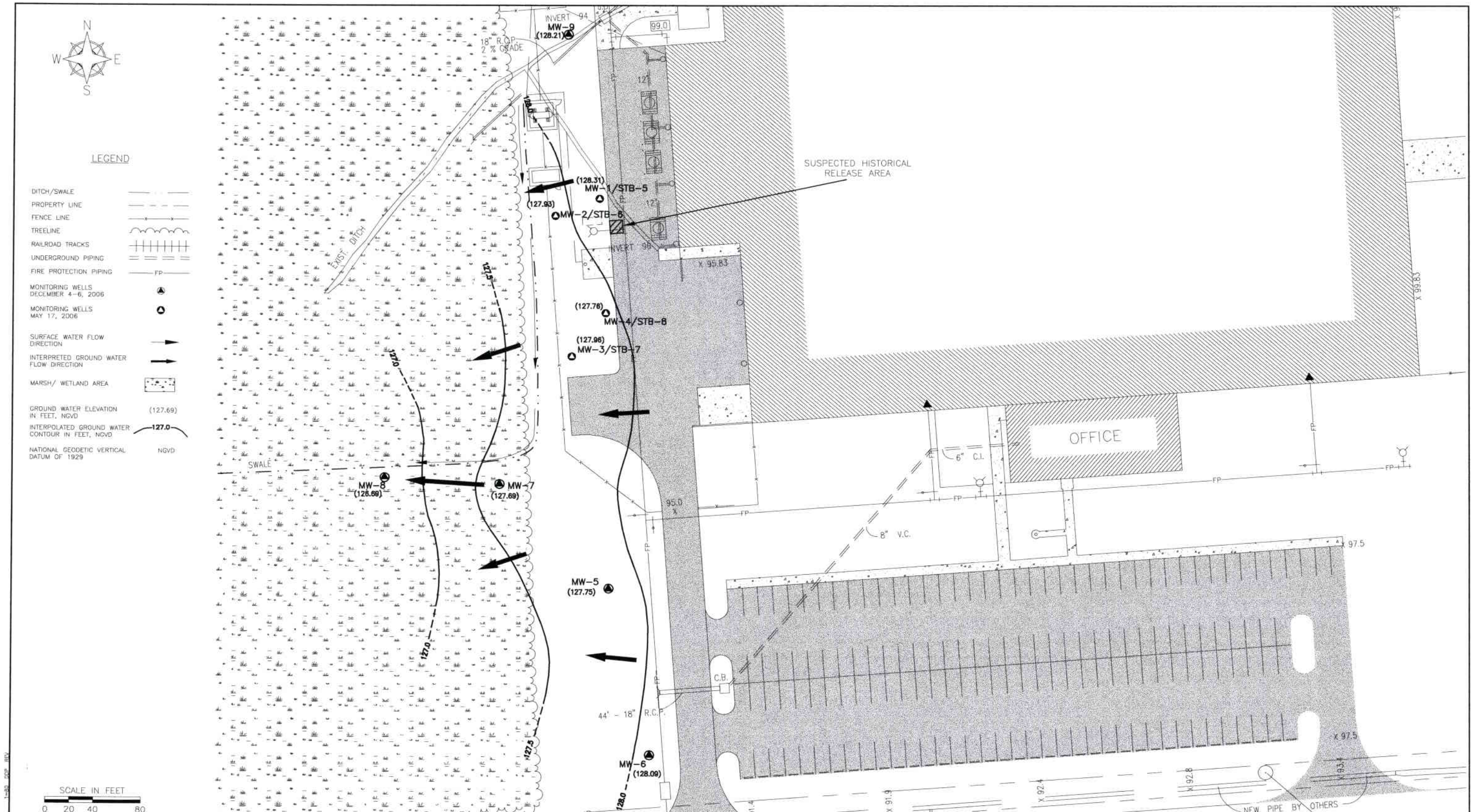
SCALE: 1"=80'	DATE: JANUARY 8, 2007
PROJECT NO.: 41284	AutoCAD 2007 07-01-SP-01

DRAWING NO. 1

REV. NO.

SHEET 1 OF 1

07-01-SP-01.DWG 8/06 DDP REV 1=80



NO.	DATE	APPR.	REVISION	REVISION

WIX FILTRATION CORPORATION

AFFINIA GROUP INC. — DILLON, SOUTH CAROLINA

DRAWN BY: DDP	PROJECT ENGINEER: MCE
DESIGN ENGINEER: –	PROJECT MANAGER: MCE

ERM

NOT FOR CONST-RUCTION

POTENTIOMETRIC SURFACE MAP

SCALE: 1"=80'	DATE: JANUARY 12, 2007
PROJECT NO.: 41284	AutoCAD 2007: 07-01-POT-01

DRAWING NO. 2

REV. NO.

SHEET 1 OF 1

07-01-POT-01.DWG 1/12/07 1=80 DDP REV

Volatile Organic Compounds	South Carolina MCL	MW-9 1/4/2007
	µg/L	µg/L
cis-1,2-Dichloroethene	70	3
Trichloroethene	5	1.7
TOTAL		4.7

Volatile Organic Compounds	South Carolina MCL	MW-2 5/24/2006
	µg/L	µg/L
Benzene	5	21
Ethylbenzene	700	3
Toluene	1,000	11,000
Xylene (Total)	10,000	3
m&p-Xylene	Not Found	2
TOTAL		11,029.2

Volatile Organic Compounds	South Carolina MCL	TW-2 11/18/2005
	µg/L	µg/L
Benzene	5,000	23,700
cis-1,2-Dichloroethene	70,000	2,680
Ethylbenzene	700,000	13,800
Isopropylbenzene	Not Found	2,800
n-Propylbenzene	Not Found	6,490
p-Isopropyltoluene	Not Found	3,750
1,3,5-Trimethylbenzene	Not Found	6,640
1,2,4-Trimethylbenzene	Not Found	28,400
Toluene	1,000	7,610
Xylene (Total)	10,000	13,000
TOTAL		7,711.26

Volatile Organic Compounds	South Carolina MCL	MW-8 1/4/2007
	µg/L	µg/L
Toluene	1,000	ND
TOTAL		ND

Volatile Organic Compounds	South Carolina MCL	MW-7 1/4/2007
	µg/L	µg/L
Toluene	1,000	ND
TOTAL		ND

Volatile Organic Compounds	South Carolina MCL	MW-3 5/24/2006
	µg/L	µg/L
Toluene	1,000	210,000
1,2,4-Trimethylbenzene	Not Found	2,100
TOTAL		212,100

Volatile Organic Compounds	South Carolina MCL	MW-1 5/25/2006
	µg/L	µg/L
Xylene (Total)	10,000	230
Toluene	1,000	340,000
TOTAL		340,230

Volatile Organic Compounds	South Carolina MCL	TW-1 11/18/2005
	µg/L	µg/L
Benzene	5,000	54,100
Chloroethane	Not Found	3,430
cis-1,2-Dichloroethene	70,000	3,930
1,1-Dichloroethane	Not Found	13,900
1,1-Dichloroethene	7,000	8,020
Ethylbenzene	700,000	39,300
n-Propylbenzene	Not Found	2,580
p-Isopropyltoluene	Not Found	1,880
Toluene	1,000	140,000
1,1,1-Trichloroethane	200	7,52
Xylene (Total)	10,000	30,100
TOTAL		140,164.76

Volatile Organic Compounds	South Carolina MCL	TW-3 11/18/2005
	µg/L	µg/L
Benzene	5,000	55,000
cis-1,2-Dichloroethene	70,000	9,150
1,1-Dichloroethane	Not Found	1,390
1,1-Dichloroethene	7,000	1,510
Ethylbenzene	700,000	21,900
Isopropylbenzene	Not Found	5,900
n-Propylbenzene	Not Found	9,850
p-Isopropyltoluene	Not Found	1,030
Toluene	1,000	21,600
Tetrachloroethene	5	1,26
1,3,5-Trimethylbenzene	Not Found	12,7
1,2,4-Trimethylbenzene	Not Found	61,1
Xylene (Total)	10,000	44,200
TOTAL		21,824.99

Volatile Organic Compounds	South Carolina MCL	MW-4 5/24/2006
	µg/L	µg/L
Acetone	Not Found	27
Benzene	5	27
2-Butanone	Not Found	6.6
cis-1,2-Dichloroethene	70	4.8
1,2-Dichloroethene (Total)	170	5.1
Ethylbenzene	700	3.4
n-Propylbenzene	Not Found	1.1
1,3,5-Trimethylbenzene	Not Found	1.6
Toluene	1,000	41,000
Xylene (Total)	10,000	9,3
m&p-Xylene	Not Found	4.1
o-Xylene	Not Found	5.2
TOTAL		41,095.2

Volatile Organic Compounds	South Carolina MCL	MW-5 1/4/2007
	µg/L	µg/L
Toluene	1,000	ND
TOTAL		ND

Volatile Organic Compounds	South Carolina MCL	MW-6 1/4/2007
	µg/L	µg/L
Toluene	1,000	ND
TOTAL		ND

NO.	DATE	APPR.	REVISION	REVISION

WIX FILTRATION CORPORATION

AFFINIA GROUP INC. — DILLON, SOUTH CAROLINA

DRAWN BY: DDP
DESIGN ENGINEER: –
PROJECT ENGINEER: MCE
PROJECT MANAGER: MCE

ERM

NOT FOR CONST-RUCTION

MAP SHOWING DETECTED GROUND WATER VOLATILE ORGANIC COMPOUNDS

SCALE: 1"=80'
PROJECT NO.: 41284
DATE: FEBRUARY 26, 2007
AutoCAD 2007: 07-02-TBL-02

DRAWING NO.: 3
REV. NO.:
SHEET 1 OF 1

07-02-TBL-02.DWG 2/26/07 1=80 DDP REV