Legal Counsel.

Dinsmore

DINSMORE & SHOHL LLP
1100 Courthouse Plaza, SW ^ 10 N. Ludlow Street
Dayton, OH 45402
www.dinsmore.com

Timothy D. Hoffman
(937) 449-2847 (direct) ^ (937) 449-2821 (fax)
timothy.hoffman@dinsmore.com

September 24, 2013

Grace Co, Enforcement Specialist
U.S. Environmental Protection Agency, Region 5
Superfund Division – Enforcement & Compliance Assurance Branch
Enforcement Services Section 2, SE-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

RE: Mullins Rubber Products, Inc ("Mullins")/Valley Pike VOC Site/Riverside, OH

Dear Ms. Co:

I am legal counsel for Mullins in connection with the USEPA correspondence dated September 4, 2013 and received September 9, 2013. Mullins is a small business and has cooperated with Ohio EPA in connection with its investigation of the area described in your letter. Mullins intends to fully cooperate with USEPA as well. Ohio EPA is the best source of technical information concerning this site and I am guessing USEPA already has that information. To the best of its knowledge, Mullins has never used PCE. Based upon the technical data provided by Ohio EPA, it appears that PCE is the primary chemical of concern. Due to the fact Mullins used to draw its non-contact cooling water from on site wells, we believe Mullins may have created a cone of depression and drawn PCE in groundwater from offsite sources on to its property. In fact, I am sure USEPA is aware of the adjacent auto repair facility where a high concentration of PCE was found. It is likely that Mullins pulled that PCE into its operations from the cooling water wells and its possible that could have also happened from other sources in the area. You will discover from the disclosures in this letter and from ongoing discussions we hope will follow this letter, that the TCE used by Mullins was not disposed of onsite and has been managed appropriately from that perspective. The issue Mullins has with its use of TCE is related to air emissions, not disposal of waste TCE in the ground. TCE is a degradation product of PCE in the right circumstances and we believe its presence in the technical data we have reviewed is related to offsite PCE disposal by others. As stated, Mullins has not used PCE in its operations.

As a small business Mullins is not in a position to perform or finance the activities described in your letter. Mullins will cooperate with the USEPA in connection with this matter as it has with Ohio EPA. We would suggest a meeting to discuss the contents of this letter and Mullins would also invite a visit by USEPA personnel to tour its facility and understand how it operates (including its use of TCE). The enclosure to this letter provides initial information to answer the nine (9) questions contained in your letter. Mullins will supplement and continue to provide information that may be pertinent.

If you have any questions or would like to set up a meeting please contact me with any future requests. Thanks.

Very truly yours,

Timothy D. Hoffman

TDH:ksf/20002-27
Enclosure

cc: Mullins Rubber Products, Inc.

1. Identify the current owner and/or operator of the Mullins Rubber facility located at 2949 Valley Pike, Riverside, Ohio.

   Mullins Rubber Products, Inc ("MRP") is the operator of the facility. The facility is owned by Mullins Land Company, Inc ("MLC").

2. State the dates during which the current owner and/or operator owned, operated or leased any portion of the Mullins Rubber facility and provide copies of all documents evidencing or relating to such ownership, operation or lease, including but not limited to deeds and leases.

   MRP has operated the facility since its incorporation in 1965. MLC has owned the facility since 1992.

3. Describe the nature of Mullins Rubber's activities at the Mullins Rubber facility with respect to purchasing, receiving, processing, storing, treating, disposing, handling or otherwise using TCE and/or PCE.

   Mullins only uses trichloroethylene (TCE) in its vapor degreasing process and uses TCE for vapor degreasing. Mullins purchases TCE from Gem City Chemicals, Inc. and has for as long as it can remember. TCE comes in sealed 55 gallon drums. It is stored inside of a steel storage building. When needed, it is pumped into the vapor degreasers with leak proof couplings, with the end below the liquid surface, per our Title V permit. When TCE can no longer degrease parts, it is similarly removed and stored in sealed drums. The spent TCE is stored in a leak proof stand and is sent to Midwest Environmental Services, Inc. (a local industrial waste management company) quarterly. Mullins has used Midwest Environmental Services, Inc. or its predecessors for as long as it can remember.

4. Identify the quantity of TCE and/or PCE purchased, received, processed, stored, treated, disposed, handled or otherwise used at the Mullins Rubber facility.

   Mullins has never used PCE at the facility to the best of its knowledge. The records available related to the purchases of TCE used at the facility are enclosed. Those records only go back to 2006.

5. Describe how TCE and/or PCE were used in degreasing and/or metal cleaning operations at the Mullins Rubber facility.

   Mullins has two Baron-Blakeslee vapor degreasers, installed in 1994. They have BAT as required in Subpart T 40 CFR Part 63 and the Title V permit. Only TCE has been used in the degreasers. The vapor degreasers are basically large, deep tubs. The TCE is boiled in the degreaser sump, the vapor condenses on the various steel inserts to remove oil and other impurities on the inserts. A condensing coil, using non-contact cooling water and a refrigerated chiller are used to minimize vapor escaping through the top of degreaser. All emissions from the degreaser are fugitive, no TCE escapes with the non-contact cooling

water. Our Title V permit allows us emissions of up to 31,085 lbs per year. In 2012, Mullins emissions were less than 5,000 lbs.

Description of Chiller System:
Mullins uses non-contact cooling water for both its rubber mixing mills and vapor degreasers. Mullins has five rubber mixing mills. The rubber mixing mills are two large, hollow, steel rollers. Water is pumped through the cavity in the steel rollers to remove heat produced by the friction of mixing the rubber. The degreasers use the water in condensing coils to cool TCE vapor so it condenses back to liquid (also described in item 5). The water at no time comes into contact with rubber, TCE, steel production parts, rubber chemicals or any other part of the production process. The water is completely contained within pipes or the cavity in the mill rollers.

Until 2012, Mullins used well water as the non-contact cooling water. After circulating through the system, the water was discharged to one of several Class V injection dry wells installed for this purpose. In early 2012 Mullins was told by Ohio EPA that it could no longer use the dry wells to receive the non-contact cooling water because it contained PCE. In the summer of 2012, with the assistance of Reick Services, Mullins designed and installed a recirculating chiller system to replace the well pump. The system consists of three large reservoirs holding about 8,000 gallons of water, a large industrial chiller and the associated piping and pumps to supply water to our equipment. Total cost was approximately $190,000, of which we received an EDGE grant from Montgomery County for approximately $55,000.

6. Identify the number and location of dry wells utilized by Mullins Rubber to discharge cooling water associated with degreasing and/or metal cleaning operations at the Mullins Rubber facility.

   None. See response to number 5 for information on past practices.

7. Provide the results of any sampling conducted by Mullins Rubber to detect the presence of TCE and/or PCE in soil and/or groundwater at the VPV Site.

   11/03/2010 – Laboratory Report on OEPA GW Investigation where Mullins executed a split-sampling event. This report analyzes the results of the split sample.

   12/8/2010 – Groundwater Monitoring Report by MAKSolve of the results obtained from the split sampling activity with OEPA.

   10/25/2011 - Laboratory Report on non-contact cooling water discharge to the UIC. Investigation parameter was PCE only.

8. State the time period, or periods, over which the TCE and/or PCE were used at the Mullins Rubber facility.

   As stated previously PCE was not used at the facility. TCE has been used since approximately 1968.

9. If any of the documents solicited in this information request are no longer available, please state the reason why they are no longer available.

Mullins maintains records as required by its permits and otherwise for 5 years.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

November 11, 2010

Client:

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459

Attn: John Bowen

Work Order: DTK0125
Project Name: Mullins Project
Project Number: Need

Date Received: 11/03/10

Samples logged in at Dayton laboratory.

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

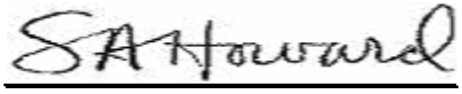
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
GW-1	DTK0125-01	11/02/10
GW-2	DTK0125-02	11/02/10
GW-3	DTK0125-03	11/02/10
GW-4	DTK0125-04	11/02/10
GW-6	DTK0125-05	11/02/10
GW-7	DTK0125-06	11/02/10
GW-8	DTK0125-07	11/02/10

Ohio Certification Number: 4074, 857

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Report Approved By:



This report has been electronically signed.

TestAmerica Dayton
Shelly A. Howard
Dayton Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-01 (GW-1 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0	P6	ug/L	20.0	1	11/06/10 18:44	eap	10K0355	SW 8260B
Benzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Bromobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Bromochloromethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Bromoform	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5	P6	ug/L	12.5	1	11/06/10 18:44	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Carbon disulfide	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Chlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Chloroethane	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Chloroform	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Chloromethane (Methyl chloride)	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Dibromomethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Ethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
n-Hexane	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
2-Hexanone	<10.0	P6	ug/L	10.0	1	11/06/10 18:44	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-01 (GW-1 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
p-Isopropyltoluene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Methylene chloride	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5	P6	ug/L	12.5	1	11/06/10 18:44	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Styrene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Tetrachloroethene	**3.96**	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Toluene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Trichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Vinyl Acetate	<5.00	P6	ug/L	5.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Vinyl chloride	<1.00	P6	ug/L	1.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Xylenes, Total	<2.00	P6	ug/L	2.00	1	11/06/10 18:44	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*105 %*	*P6*				11/06/10 18:44	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*103 %*	*P6*				11/06/10 18:44	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*	*P6*				11/06/10 18:44	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*	*P6*				11/06/10 18:44	eap	10K0355	SW 8260B
Sample ID: DTK0125-02 (GW-2 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0		ug/L	20.0	1	11/06/10 19:12	eap	10K0355	SW 8260B
Benzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Bromobenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Bromoform	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5		ug/L	12.5	1	11/06/10 19:12	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Carbon disulfide	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Chloroethane	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Chloroform	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Sample ID: DTK0125-02 (GW-2 - Water - NonPotable) - cont. **Sampled: 11/02/10** **Recvd: 11/03/10 13:15**

Volatile Organic Compounds by GC/MS - cont.

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Chloromethane (Methyl chloride)	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,2-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
n-Hexane	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
2-Hexanone	<10.0		ug/L	10.0	1	11/06/10 19:12	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
p-Isopropyltoluene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Methylene chloride	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12.5	1	11/06/10 19:12	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Styrene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Tetrachloroethene	**4.79**		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Toluene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Trichloroethene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-02 (GW-2 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
Vinyl Acetate	<5.00		ug/L	5.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	11/06/10 19:12	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*106 %*					11/06/10 19:12	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*104 %*					11/06/10 19:12	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					11/06/10 19:12	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					11/06/10 19:12	eap	10K0355	SW 8260B
Sample ID: DTK0125-03 (GW-3 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0	P6	ug/L	20.0	1	11/06/10 19:40	eap	10K0355	SW 8260B
Benzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Bromobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Bromochloromethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Bromoform	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5	P6	ug/L	12.5	1	11/06/10 19:40	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Carbon disulfide	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Chlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Chloroethane	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Chloroform	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Chloromethane (Methyl chloride)	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Dibromomethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-03 (GW-3 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
1,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Ethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
n-Hexane	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
2-Hexanone	<10.0	P6	ug/L	10.0	1	11/06/10 19:40	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
p-Isopropyltoluene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Methylene chloride	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5	P6	ug/L	12.5	1	11/06/10 19:40	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Styrene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Tetrachloroethene	**2.02**	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Toluene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Trichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Vinyl Acetate	<5.00	P6	ug/L	5.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Vinyl chloride	<1.00	P6	ug/L	1.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Xylenes, Total	<2.00	P6	ug/L	2.00	1	11/06/10 19:40	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*P6*				11/06/10 19:40	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*105 %*	*P6*				11/06/10 19:40	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*	*P6*				11/06/10 19:40	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*	*P6*				11/06/10 19:40	eap	10K0355	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-04 (GW-4 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0	P6	ug/L	20.0	1	11/06/10 20:07	eap	10K0355	SW 8260B
Benzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Bromobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Bromochloromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Bromoform	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5	P6	ug/L	12.5	1	11/06/10 20:07	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Carbon disulfide	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Chlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Chloroethane	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Chloroform	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Chloromethane (Methyl chloride)	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Dibromomethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Ethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
n-Hexane	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
2-Hexanone	<10.0	P6	ug/L	10.0	1	11/06/10 20:07	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-04 (GW-4 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
p-Isopropyltoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Methylene chloride	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5	P6	ug/L	12.5	1	11/06/10 20:07	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Styrene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Tetrachloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Toluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Trichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Vinyl Acetate	<5.00	P6	ug/L	5.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Vinyl chloride	<1.00	P6	ug/L	1.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Xylenes, Total	<2.00	P6	ug/L	2.00	1	11/06/10 20:07	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*105 %*	*P6*				11/06/10 20:07	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*106 %*	*P6*				11/06/10 20:07	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*101 %*	*P6*				11/06/10 20:07	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*	*P6*				11/06/10 20:07	eap	10K0355	SW 8260B
Sample ID: DTK0125-05 (GW-6 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0	P6	ug/L	20.0	1	11/06/10 20:35	eap	10K0355	SW 8260B
Benzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Bromobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Bromochloromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Bromoform	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5	P6	ug/L	12.5	1	11/06/10 20:35	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Carbon disulfide	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Chlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Chloroethane	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Chloroform	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-05 (GW-6 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
Chloromethane (Methyl chloride)	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Dibromomethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,2-Dichloropropane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Ethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
n-Hexane	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
2-Hexanone	<10.0	P6	ug/L	10.0	1	11/06/10 20:35	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
p-Isopropyltoluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Methylene chloride	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5	P6	ug/L	12.5	1	11/06/10 20:35	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Styrene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Tetrachloroethene	**74.3**	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Toluene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Trichloroethene	**15.4**	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-05 (GW-6 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
Vinyl Acetate	<5.00	P6	ug/L	5.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Vinyl chloride	<1.00	P6	ug/L	1.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Xylenes, Total	<2.00	P6	ug/L	2.00	1	11/06/10 20:35	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*106 %*	*P6*				11/06/10 20:35	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*105 %*	*P6*				11/06/10 20:35	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*98 %*	*P6*				11/06/10 20:35	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*	*P6*				11/06/10 20:35	eap	10K0355	SW 8260B
Sample ID: DTK0125-06 (GW-7 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0	P10	ug/L	20.0	1	11/06/10 21:02	eap	10K0355	SW 8260B
Benzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Bromobenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Bromochloromethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	**6.54**	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Bromoform	**1.78**	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5	P10	ug/L	12.5	1	11/06/10 21:02	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Carbon disulfide	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Chlorobenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Chloroethane	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Chloroform	**4.62**	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Chloromethane (Methyl chloride)	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	**6.02**	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Dibromomethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Sample ID: DTK0125-06 (GW-7 - Water - NonPotable) - cont. **Sampled: 11/02/10** **Recvd: 11/03/10 13:15**

Volatile Organic Compounds by GC/MS - cont.

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,2-Dichloropropane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Ethylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
n-Hexane	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
2-Hexanone	<10.0	P10	ug/L	10.0	1	11/06/10 21:02	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
p-Isopropyltoluene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Methylene chloride	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5	P10	ug/L	12.5	1	11/06/10 21:02	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Styrene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Tetrachloroethene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Toluene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Trichloroethene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Vinyl Acetate	<5.00	P10	ug/L	5.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Vinyl chloride	<1.00	P10	ug/L	1.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Xylenes, Total	<2.00	P10	ug/L	2.00	1	11/06/10 21:02	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*104 %*	*P10*				11/06/10 21:02	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*103 %*	*P10*				11/06/10 21:02	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*	*P10*				11/06/10 21:02	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*	*P10*				11/06/10 21:02	eap	10K0355	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-07 (GW-8 - Water - NonPotable)					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS									
Acetone	<20.0		ug/L	20.0	1	11/06/10 21:30	eap	10K0355	SW 8260B
Benzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Bromobenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Bromochloromethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Bromodichloromethane (Dichlorobromomethane)	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Bromoform	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Bromomethane (Methyl bromide)	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
2-Butanone (MEK)	<12.5		ug/L	12.5	1	11/06/10 21:30	eap	10K0355	SW 8260B
tert-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
sec-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
n-Butylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Carbon disulfide	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Carbon tetrachloride	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Chlorobenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Chloroethane	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Chloroform	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Chloromethane (Methyl chloride)	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
4-Chlorotoluene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
2-Chlorotoluene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Dibromochloromethane (Chlorodibromomethane)	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Dibromomethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,4-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,3-Dichlorobenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Dichlorodifluoromethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1-Dichloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
trans-1,2-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,3-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
2,2-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,2-Dichloropropane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
cis-1,3-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
trans-1,3-Dichloropropene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Hexachlorobutadiene	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
n-Hexane	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
2-Hexanone	<10.0		ug/L	10.0	1	11/06/10 21:30	eap	10K0355	SW 8260B
Isopropylbenzene (Cumene)	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTK0125-07 (GW-8 - Water - NonPotable) - cont.					**Sampled: 11/02/10**			**Recvd: 11/03/10 13:15**	
Volatile Organic Compounds by GC/MS - cont.									
p-Isopropyltoluene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Methyl tert-butyl ether	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Methylene chloride	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12.5	1	11/06/10 21:30	eap	10K0355	SW 8260B
n-Propylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Styrene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1,1,2-Tetrachloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1,2,2-Tetrachloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Tetrachloroethene	**89.5**		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Toluene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,2,4-Trichlorobenzene	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,1,2-Trichloroethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Trichloroethene	**2.72**		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,2,4-Trimethylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
1,3,5-Trimethylbenzene	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Vinyl Acetate	<5.00		ug/L	5.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	11/06/10 21:30	eap	10K0355	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*105 %*					11/06/10 21:30	eap	10K0355	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*106 %*					11/06/10 21:30	eap	10K0355	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					11/06/10 21:30	eap	10K0355	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*					11/06/10 21:30	eap	10K0355	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
Benzene	10K0355			ug/L	N/A	1.00	<1.00							
Bromodichloromethane (Dichlorobromomethane)	10K0355			ug/L	N/A	1.00	<1.00							
Bromoform	10K0355			ug/L	N/A	1.00	<1.00							
Bromomethane (Methyl bromide)	10K0355			ug/L	N/A	5.00	<5.00							
Carbon tetrachloride	10K0355			ug/L	N/A	1.00	<1.00							
Chlorobenzene	10K0355			ug/L	N/A	1.00	<1.00							
Chloroethane	10K0355			ug/L	N/A	5.00	<5.00							
Chloroform	10K0355			ug/L	N/A	1.00	<1.00							
Chloromethane (Methyl chloride)	10K0355			ug/L	N/A	5.00	<5.00							
Dibromochloromethane (Chlorodibromomethane)	10K0355			ug/L	N/A	1.00	<1.00							
1,2-Dichlorobenzene	10K0355			ug/L	N/A	1.00	<1.00							
1,4-Dichlorobenzene	10K0355			ug/L	N/A	1.00	<1.00							
1,3-Dichlorobenzene	10K0355			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	10K0355			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	10K0355			ug/L	N/A	1.00	<1.00							
trans-1,2-Dichloroethene	10K0355			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	10K0355			ug/L	N/A	1.00	<1.00							
1,2-Dichloropropane	10K0355			ug/L	N/A	1.00	<1.00							
cis-1,3-Dichloropropene	10K0355			ug/L	N/A	1.00	<1.00							
trans-1,3-Dichloropropene	10K0355			ug/L	N/A	1.00	<1.00							
Ethylbenzene	10K0355			ug/L	N/A	1.00	<1.00							
n-Hexane	10K0355			ug/L	N/A	5.00	<5.00							
Methylene chloride	10K0355			ug/L	N/A	5.00	<5.00							
1,1,2,2-Tetrachloroethane	10K0355			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	10K0355			ug/L	N/A	1.00	<1.00							
Toluene	10K0355			ug/L	N/A	1.00	<1.00							
1,1,1-Trichloroethane	10K0355			ug/L	N/A	1.00	<1.00							
1,1,2-Trichloroethane	10K0355			ug/L	N/A	1.00	<1.00							
Trichloroethene	10K0355			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	10K0355			ug/L	N/A	1.00	<1.00							
Vinyl chloride	10K0355			ug/L	N/A	1.00	<1.00							
Surrogate: 1,2-Dichloroethane-d4	*10K0355*			ug/L					*105*		*80-120*			
Surrogate: Dibromofluoromethane	*10K0355*			ug/L					*103*		*80-120*			
Surrogate: Toluene-d8	*10K0355*			ug/L					*101*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10K0355*			ug/L					*104*		*80-120*			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
Benzene	10K0355		20.0	ug/L	N/A	1.00	19.3		97		79-120			
Bromodichloromethane (Dichlorobromomethane)	10K0355		20.0	ug/L	N/A	1.00	19.8		99		76-121			
Bromoform	10K0355		20.0	ug/L	N/A	1.00	18.9		94		69-120			
Bromomethane (Methyl bromide)	10K0355		20.0	ug/L	N/A	5.00	17.7		89		64-120			
Carbon tetrachloride	10K0355		20.0	ug/L	N/A	1.00	18.8		94		70-129			
Chlorobenzene	10K0355		20.0	ug/L	N/A	1.00	19.4		97		78-120			
Chloroethane	10K0355		20.0	ug/L	N/A	5.00	18.5		92		67-120			
Chloroform	10K0355		20.0	ug/L	N/A	1.00	18.4		92		77-120			
Chloromethane (Methyl chloride)	10K0355		20.0	ug/L	N/A	5.00	18.4		92		58-120			
Dibromochloromethane (Chlorodibromomethane)	10K0355		20.0	ug/L	N/A	1.00	19.0		95		76-123			
1,2-Dichlorobenzene	10K0355		20.0	ug/L	N/A	1.00	20.5		103		78-123			
1,4-Dichlorobenzene	10K0355		20.0	ug/L	N/A	1.00	19.9		100		74-120			
1,3-Dichlorobenzene	10K0355		20.0	ug/L	N/A	1.00	20.0		100		76-121			
1,1-Dichloroethane	10K0355		20.0	ug/L	N/A	1.00	16.5		83		79-120			
1,2-Dichloroethane	10K0355		20.0	ug/L	N/A	1.00	19.7		98		75-120			
trans-1,2-Dichloroethene	10K0355		20.0	ug/L	N/A	1.00	18.1		91		79-120			
1,1-Dichloroethene	10K0355		20.0	ug/L	N/A	1.00	17.5		88		71-121			
1,2-Dichloropropane	10K0355		20.0	ug/L	N/A	1.00	19.4		97		80-120			
cis-1,3-Dichloropropene	10K0355		20.0	ug/L	N/A	1.00	19.6		98		80-120			
trans-1,3-Dichloropropene	10K0355		20.0	ug/L	N/A	1.00	19.6		98		74-120			
Ethylbenzene	10K0355		20.0	ug/L	N/A	1.00	19.7		98		79-120			
n-Hexane	10K0355		20.0	ug/L	N/A	5.00	26.4		132		57-180			
Methylene chloride	10K0355		20.0	ug/L	N/A	5.00	20.0		100		76-120			
1,1,2,2-Tetrachloroethane	10K0355		20.0	ug/L	N/A	1.00	20.0		100		74-120			
Tetrachloroethene	10K0355		20.0	ug/L	N/A	1.00	19.6		98		62-128			
Toluene	10K0355		20.0	ug/L	N/A	1.00	19.5		97		79-120			
1,1,1-Trichloroethane	10K0355		20.0	ug/L	N/A	1.00	20.2		101		74-121			
1,1,2-Trichloroethane	10K0355		20.0	ug/L	N/A	1.00	19.8		99		75-120			
Trichloroethene	10K0355		20.0	ug/L	N/A	1.00	19.4		97		77-120			
Trichlorofluoromethane	10K0355		20.0	ug/L	N/A	1.00	18.9		95		71-136			
Vinyl chloride	10K0355		20.0	ug/L	N/A	1.00	18.2		91		65-126			
Surrogate: 1,2-Dichloroethane-d4	*10K0355*			ug/L					*102*		*80-120*			
Surrogate: Dibromofluoromethane	*10K0355*			ug/L					*102*		*80-120*			
Surrogate: Toluene-d8	*10K0355*			ug/L					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10K0355*			ug/L					*103*		*80-120*			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459
John Bowen

Work Order: DTK0125
Project: Mullins Project
Project Number: Need

Received: 11/03/10
Reported: 11/11/10 12:02

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
QC Source Sample: DTK0095-02														
Benzene	10K0355	<5	100	ug/L	N/A	5.00	99.6	107	100	107	79-120	7	25	
Bromodichloromethane (Dichlorobromomethane)	10K0355	<5	100	ug/L	N/A	5.00	97.3	105	97	105	76-121	8	25	
Bromoform	10K0355	<5	100	ug/L	N/A	5.00	75.1	84.3	75	84	69-120	12	25	
Bromomethane (Methyl bromide)	10K0355	<25	100	ug/L	N/A	25.0	92.3	101	92	101	64-120	9	25	
Carbon tetrachloride	10K0355	<5	100	ug/L	N/A	5.00	99.2	107	99	107	70-129	7	25	
Chlorobenzene	10K0355	<5	100	ug/L	N/A	5.00	93.1	102	93	102	78-120	9	25	
Chloroethane	10K0355	<25	100	ug/L	N/A	25.0	103	110	103	110	67-120	7	25	
Chloroform	10K0355	<5	100	ug/L	N/A	5.00	96.8	105	97	105	77-120	8	25	
Chloromethane (Methyl chloride)	10K0355	<25	100	ug/L	N/A	25.0	97.0	103	97	103	58-120	6	25	
Dibromochloromethane (Chlorodibromomethane)	10K0355	<5	100	ug/L	N/A	5.00	83.6	92.8	84	93	76-123	10	25	
1,2-Dichlorobenzene	10K0355	<5	100	ug/L	N/A	5.00	93.9	105	94	105	78-123	11	25	
1,4-Dichlorobenzene	10K0355	<5	100	ug/L	N/A	5.00	92.6	104	93	104	74-120	11	25	
1,3-Dichlorobenzene	10K0355	<5	100	ug/L	N/A	5.00	93.8	104	94	104	76-121	11	25	
1,1-Dichloroethane	10K0355	<5	100	ug/L	N/A	5.00	103	108	103	108	79-120	5	25	
1,2-Dichloroethane	10K0355	<5	100	ug/L	N/A	5.00	96.8	107	97	107	75-120	10	25	
trans-1,2-Dichloroethene	10K0355	<5	100	ug/L	N/A	5.00	99.7	107	100	107	79-120	7	25	
1,1-Dichloroethene	10K0355	<5	100	ug/L	N/A	5.00	93.2	103	93	103	71-121	10	25	
1,2-Dichloropropane	10K0355	<5	100	ug/L	N/A	5.00	101	106	101	106	80-120	5	25	
cis-1,3-Dichloropropene	10K0355	<5	100	ug/L	N/A	5.00	92.9	101	93	101	80-120	8	25	
trans-1,3-Dichloropropene	10K0355	<5	100	ug/L	N/A	5.00	87.2	95.4	87	95	74-120	9	25	
Ethylbenzene	10K0355	<5	100	ug/L	N/A	5.00	98.2	108	98	108	79-120	10	25	
n-Hexane	10K0355	<25	100	ug/L	N/A	25.0	74.0	92.6	74	93	57-180	22	25	
Methylene chloride	10K0355	<25	100	ug/L	N/A	25.0	176	201	176	201	76-120	13	25	M
1,1,2,2-Tetrachloroethane	10K0355	<5	100	ug/L	N/A	5.00	94.6	102	95	102	74-120	8	25	
Tetrachloroethene	10K0355	<5	100	ug/L	N/A	5.00	90.1	96.4	90	96	62-128	7	25	
Toluene	10K0355	19.4	100	ug/L	N/A	5.00	114	121	95	102	79-120	6	25	
1,1,1-Trichloroethane	10K0355	<5	100	ug/L	N/A	5.00	105	111	105	111	74-121	6	25	
1,1,2-Trichloroethane	10K0355	<5	100	ug/L	N/A	5.00	93.3	100	93	100	75-120	7	25	
Trichloroethene	10K0355	<5	100	ug/L	N/A	5.00	106	108	106	108	77-120	2	25	
Trichlorofluoromethane	10K0355	<5	100	ug/L	N/A	5.00	99.6	111	100	111	71-136	11	25	
Vinyl chloride	10K0355	<5	100	ug/L	N/A	5.00	104	112	104	112	65-126	8	25	
Surrogate: 1,2-Dichloroethane-d4	*10K0355*			ug/L					*104*	*103*	*80-120*			
Surrogate: Dibromofluoromethane	*10K0355*			ug/L					*105*	*103*	*80-120*			
Surrogate: Toluene-d8	*10K0355*			ug/L					*98*	*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10K0355*			ug/L					*101*	*101*	*80-120*			

MAKSolve, LLC 77 W. Elmwood Dr. Dayton, OH 45459 John Bowen	Work Order: DTK0125 Project: Mullins Project Project Number: Need	Received: 11/03/10 Reported: 11/11/10 12:02	

CERTIFICATION SUMMARY

Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

DATA QUALIFIERS AND DEFINITIONS

M	The MS, MSD, and/or RPD are outside of acceptance limits due to matrix interference. Please see Blank Spike (LCS).
P10	Sample tested positive for residual chlorine.
P6	Sample received unpreserved, however the sample was analyzed within 7 days per EPA recommendation.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted in the units.

ANALYSIS LOCATIONS

Any analyses listed below were analyzed in satellite facilities

Chain of Custody Record

DTK 0125

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MAKSolve, LLC	Client Project Manager: J. Bowen	Site Contact: J. Bowen	Lab Contact:	COC No:
Address: PO Box 1667	Telephone: 513-383-0233	Telephone:	Telephone:	____ of ____ COCs
City/State/Zip: Middletown, OH 45042	Email: john@maksolve.com	Analysis Turnaround Time (In BUS days)	Analyses	For lab use only
Phone: 513-383-0233		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: Mullins	Method of Shipment/Carrier:			Job/SDG No:
Project Number:	Shipping/Tracking No:			

P O #			Matrix					Containers & Preservatives																						
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/Grab=G	VOCs													Sample Specific Notes / Special Instructions:
GW-1	11-2-10	AM		X						X							X													
GW-2	↓	AM		X						X							X													
GW-3	↓	AM		X						X							X													
GW-4	↓	↓		X						X							X													
GW-6	↓	↓		X						X							X													
GW-7	↓	↓		X						X							X													
GW-8	↓	↓		X						X							X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	MAKSolve	11-3-10 13:13			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature]		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TA	11/3/10 1315

©2008, TestAmerica Laboratories, Inc. All rights reserved.
TestAmerica & Design ™ are trademarks of TestAmerica Laboratories, Inc.

TAL-0018 (1008)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Cooler/Sample Receipt

☐ MSDS or Known Hazard Information Supplied by Client
☐ Bottle stickers applied ☐ ELEMENT comment entered ☐ MSDS/COC scanned/emailed to EH&S

☐ Discrepancies Client ID Mak Solve

☐ Short Hold Work Order # DTK 0125

☐ Rush ☐24hr ☐2day ☐3day ☐5day ☐other

Receipt evaluation performed by - Initials: MAH Date: 11/3/10 Time: 1315

Method of Shipment:
☒ Walk-In Client ☐ TestAmerica Field/Courier
☐ Other Client/3rd Party Courier ____
☐ Fed Ex Tracking # ____
☐ UPS Tracking # ____
☐ Other ____

Shipping Container Type:
☒ Cooler ☐ Box
☐ None ☐ Other ____
Packing Materials:
☐ Plastic Bags ☐ Foam
☐ Bubble Wrap ☐ Paper
☐ Packing Peanuts ☐ None
☐ Other ____

Custody Seals Intact:
☒ Yes ☐ No
☐ N/A (not used or required)
Cooling Materials:
☐ Ice *(solid)* ☐ Ice *(Melted)*
☐ Blue Ice ☐ None
☐ Other ____

Are there any soil samples from areas requiring USDA quarantine? *(AL, AR, AZ, CA, FL, GA, HI, ID, LA MS, NC, NM, NY, OK, SC, TN, TX, VA, Puerto Rico, Virgin Islands, any other Non-Domestic area)* ☒ **No** ☐ **Yes** (If Yes, *Project Manager must be notified).*

Receipt Temperatures ☐ **Check if Additional Sheets Required**

Thermometer ID	Observed (°C)	Corrected (°C)	Temp Blank	Sample Temp	Received on same day sampled?	Acceptable?*	Cooler ID	Note Affected Samples if temperature not acceptable
G	2.0	1.0	☒	☐	☐Yes ☒No	☒Yes ☐No		
			☐	☐	☐Yes ☐No	☐Yes ☐No		
			☐	☐	☐Yes ☐No	☐Yes ☐No		

* Receipt temperatures are considered acceptable if the samples are received on the same day they were collected & show signs that the cooling process has started. Temperature acceptance for most tests is ≤6.0°C, **but not frozen.** For additional information, please refer to SOP DT-SCA-004 ***Sample Receipt and Login, Attachment 2 – Holding Times, Preservation and Container Requirements.***

Receipt Questions**	Y	N	n/a	"No" answers require additional comment
COC present & TA receipt signature, date, & time properly documented?	X			
Containers & labels in good condition? *(unbroken, not leaking, appropriately filled, labels legible & attached)*	X			
Appropriate containers used & adequate volume provided?	X			
Number of sample containers match COC?	X			
Samples received within hold time?	X			
Samples submitted for GRO and Volatiles analyses (8260, 624, 524) received without headspace?	X			
Was a Trip Blank received with VOA samples?		X		Not req
Were the samples free of any questionable physical conformities? For example, field duplicates or multiple bottles of the same sample do not significantly vary in appearance (color, proportion of solids, etc.)	X			
Were the COC, bottle labels, and all other items free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	X			

** May not be applicable if samples are not for compliance testing

Client Contact Record
Contact via: ☐ Phone ☐ Email ☐ Other ____ **Person Contacted:** ____ **Date/Time:** ____
☐ Discrepancy allowance agreement is on record in the client project file.
Discussion/Resolution:

Any additional documentation and clarification from client must be noted in the narrative and/or scanned into the COC directory.

11/4/10

Reviewed by PM Signature Date

WI No. DT-SCA-WI-001.9
effective 10/18/10

MAKSolve, L.L.C.
Environmental engineering, sciences & compliance

December 8, 2010

Mr. William Mullins, Jr.
Mullins Rubber Products, Incorporated
2949 Valley Pike
Dayton, Ohio 45404

RE: OHIO ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SAMPLING
MULLINS RUBBER SITE
2949 VALLEY PIKE
DAYTON, MONTGOMERY COUNTY, OHIO 45404
MAKSOLVE PROJECT NUMBER 038-10

Dear Mr. Mullins:

MAKSolve, LLC (MAKSolve) was retained by Mullins Rubber Products, Incorporated to represent their interests, provide oversight and to split samples during a groundwater sampling event independently conducted by the Ohio Environmental Protection Agency (OEPA). The sampling event was conducted at the Mullins Rubber Site (subject property), located at 2949 Valley Pike in Dayton, Ohio. The event took place on Tuesday, November 2, 2010, with sampling activities commencing at approximately 10:00 AM and terminating at approximately 4:30 PM. Representatives with the OEPA included the two drilling operators, Mr. Jeff Wander and Mr. Carl Rinebolt, Mr. Kelly Kaletsky, Site Coordinator for the OEPA, Division of Emergency and Remedial Response (DERR) and Ms. Wendy Vorwerk, Environmental Specialist with the Site Investigation Field Unit. According to Mr. Kaletsky, the sampling event was initiated due to periodic trace concentrations of trichloroethene (TCE) being discovered in the groundwater extracted from the City of Dayton's well field located along the Mad River, southwest and downgradient of the subject property. Presumably, the subject property was selected by the OEPA due to the known use of TCE on-site as part of the normal production process. A Site Location Map is provided as Figure 1 in Attachment A.

Groundwater samples were collected using an OEPA supplied GeoProbe 5410 direct push sampler. The GeoProbe 5410 was used to advance five soil borings at the subject property from which the ground water was extracted. The five borings were labeled GW-1, GW-2, GW-3, GW-4 and GW-6. GW-5 was skipped in the number system by

MAKSolve, as the OEPA collected a duplicate from GW-3. Therefore, MAKSolve's GW-4 will correspond to the OEPA's GW-5, omitting this boring number from the sample numbering system. The GeoProbe was utilized to conduct discreet groundwater sampling from what was determined by the OEPA as the uppermost aquifer, therefore; no soil sampling was conducted. In general, the soil borings ranged in total depth to between 38 and 42 feet below ground surface (bgs) and groundwater was encountered in each boring at approximately 25 to 26 feet bgs. A boring location map is provided as Figure 2 in Attachment A.

The GeoProbe was advanced to the specified depth into the saturated zone, at which time a temporary 1" PVC piezometer was lowered into the open casing, with four feet of screen. Groundwater samples were collected from the piezometer by lowering an appropriate length of new Nalgene tubing, then utilizing a hand operated check-valve system to pump the water from the boring. Approximately one to two gallons of groundwater was bailed from each boring prior to sample collection. The groundwater from each boring appeared to contain a significant silt or clay content and effervesced significantly when contacting the HCL preservative in the sample jars. Due to this, the HCL was poured out of the sample jars for the samples collected from borings GW-3, GW-4 and GW-6. Upon completion, all borings were backfilled with the removed soil and bentonite and capped. All equipment coming into contact with sample media was decontaminated with non-phosphatic soap wash and rinsed with distilled water. The field geologist used fresh vinyl gloves prior to collection of each sample.

The only boring in which the lithology was investigated by the OEPA was from GW-3. In general, the soils encountered from GW-3 consisted of approximately 2 feet of fill, then a brown, dry, coarse sandy clay from approximately 2 feet bgs to approximately 5 feet bgs. From 5 feet bgs, the soil became a brown, dry sand and gravel to approximately 9 feet bgs. At approximately 9 feet bgs, a brown, moist, silty clay with pebbles was encountered to approximately 13 feet bgs. From approximately 13 feet to 16 feet bgs the soil became a brown, dry, clayey silt. From approximately 16 feet bgs, the soil transformed to a dry to moist, brown, poorly sorted sand and gravel to approximately 24 feet bgs. From approximately 24 feet bgs to approximately 27.5 feet bgs, the soil became a brown, dry, clayey silt to a firm, grey clayey silt. The probe was then advanced to 42 feet bgs for groundwater sampling.

Two additional groundwater samples were collected at the time of the field activities. One water sample was collected directly from the tap within the interior of the eastern wall of the production building. This water was identified by Mr. Mullins as originating from the production well located along the eastern border of the subject property and was labeled as GW-7. The final sample was collected from the dry well located immediately to the northwest of the production building and is labeled GW-8. The dry well was identified as the location for the reinjection of non-contact cooling water, which circulates through the production building for equipment cooling purposes. The non-contact cooling water also originates from a production well. Sample GW-8 was collected utilizing a stainless steel pitcher, which was lowered into the well, then its

contents were poured directly into the sample jars. The production well is located directly adjacent to the exterior vent for a TCE based vapor degreaser which is used inside the production building. Therefore, the samples were collected with the pitcher, then all personnel moved approximately 20 feet away from the vent to pour the samples into the jars. This was done to avoid any potential cross contamination or absorption of the vented TCE into the water.

The collected groundwater samples were placed into three 50 milliliter vials preserved with hydrochloric (HCL) acid and sealed with Teflon lines septum caps. All groundwater samples were cooled to 4°C and maintained at this temperature until delivery to the laboratory. The samples were delivered to TestAmerica, located in Kettering, Ohio, under standard chain of custody protocol on Wednesday November 3, 2010. All groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Test Method SW 8260B. All sample results are compared to the OEPA, DERR, Voluntary Action Plan's Generic Unrestricted Potable Use Standards. The results of the groundwater analysis are tabulated in Table 1 in Attachment B.

As part of this project, MAKSolve also conducted a water well log search on the Ohio Department of Natural Resources website http://www.dnr.state.oh.us/. A 2,000 foot radius from the subject property was used as the search distance criteria. Nineteen wells were located within 2,000 feet of the subject property, two of which were identified as owned by Mullins Rubber. In particular, well #438258, constructed in 1972, was identified as being 50 feet in total depth and contains a water/gravel at depths between 37 and 50 feet bgs. Additionally, the well log notes state the following: "*returned to dry well, used for returning water back to ground*". Based on this knowledge, this is the well likely producing the water which is represented by sample GW-8. This well also appears screened within the same saturated zone as that for the samples collected from the borings. Copies of the well logs are provided in Attachment D.

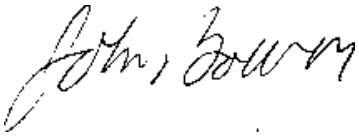
As shown in Table 1, the groundwater samples collected from borings GW-1, GW-2 and GW-3 reveal concentrations of TCE above detection limits, however; below the VAP standard of 5 micrograms per liter (ug/L). The groundwater samples collected from boring GW-6 and from the drywall (GW-8) revealed concentrations of TCE at 74.3 ug/L and 89.5 ug/L, respectively. Both of these concentrations are above the VAP standard. Additionally, four compounds, which have no VAP standards, were revealed in the groundwater sample collected from the tap (GW-7). These compounds are commonly found as a bi-product of the water chlorination process and are not considered a concern at this time. The compounds are listed in Table 1 with their corresponding concentrations

Based on the information obtained as part of this sampling event, it is evident that TCE has impacted the groundwater beneath the subject property. As of the date of this report, the source, however; has not been clearly defined. The most heavily impacted areas based on these sample results are located within the southwestern corner and within the drywell. Even as the TCE concentrations were below the VAP standards in the groundwater collected from borings GW-1 and GW-2, these locations are

considered upgradient on the subject property which possibly indicates a differing mode of contamination as to the concentrations observed in the drywall or downgradient in GW-6. These sample locations were adjacent to a small stormwater retention pond, which may have directed TCE contaminated runoff from exposed surfaces throughout the subject property to this area.

MAKSolve has completed this work according to generally accepted standards and practices of engineers and environmental consultants performing such work, and the statements contained in the report are true and accurate to the best of our knowledge. This report has been prepared for the exclusive use of Mullins Rubber Products, Incorporated.

Sincerely,



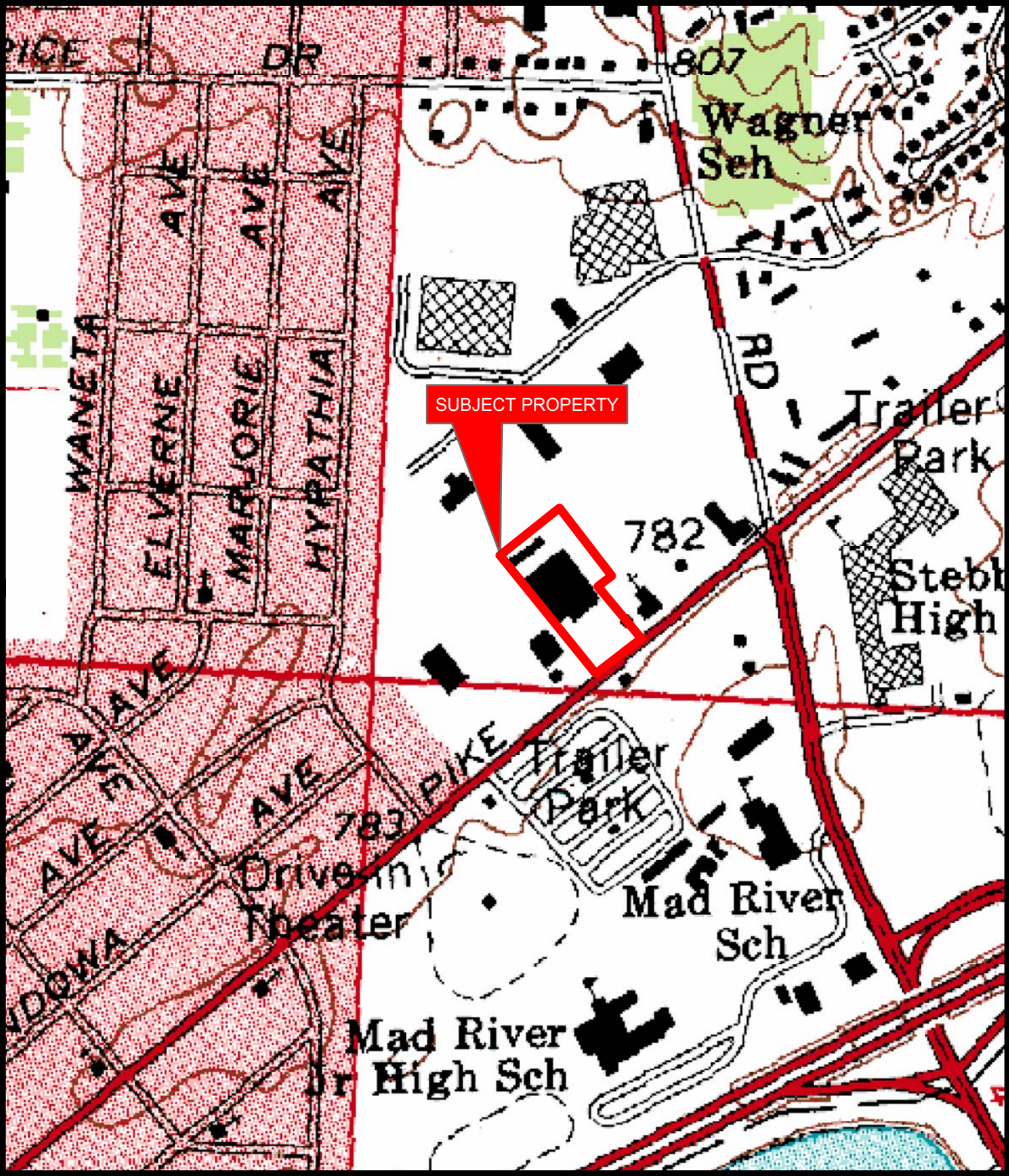
Michael A. Kerr
Managing Partner
MAKSolve, LLC

John Bowen
Project Geologist
MAKSolve, LLC

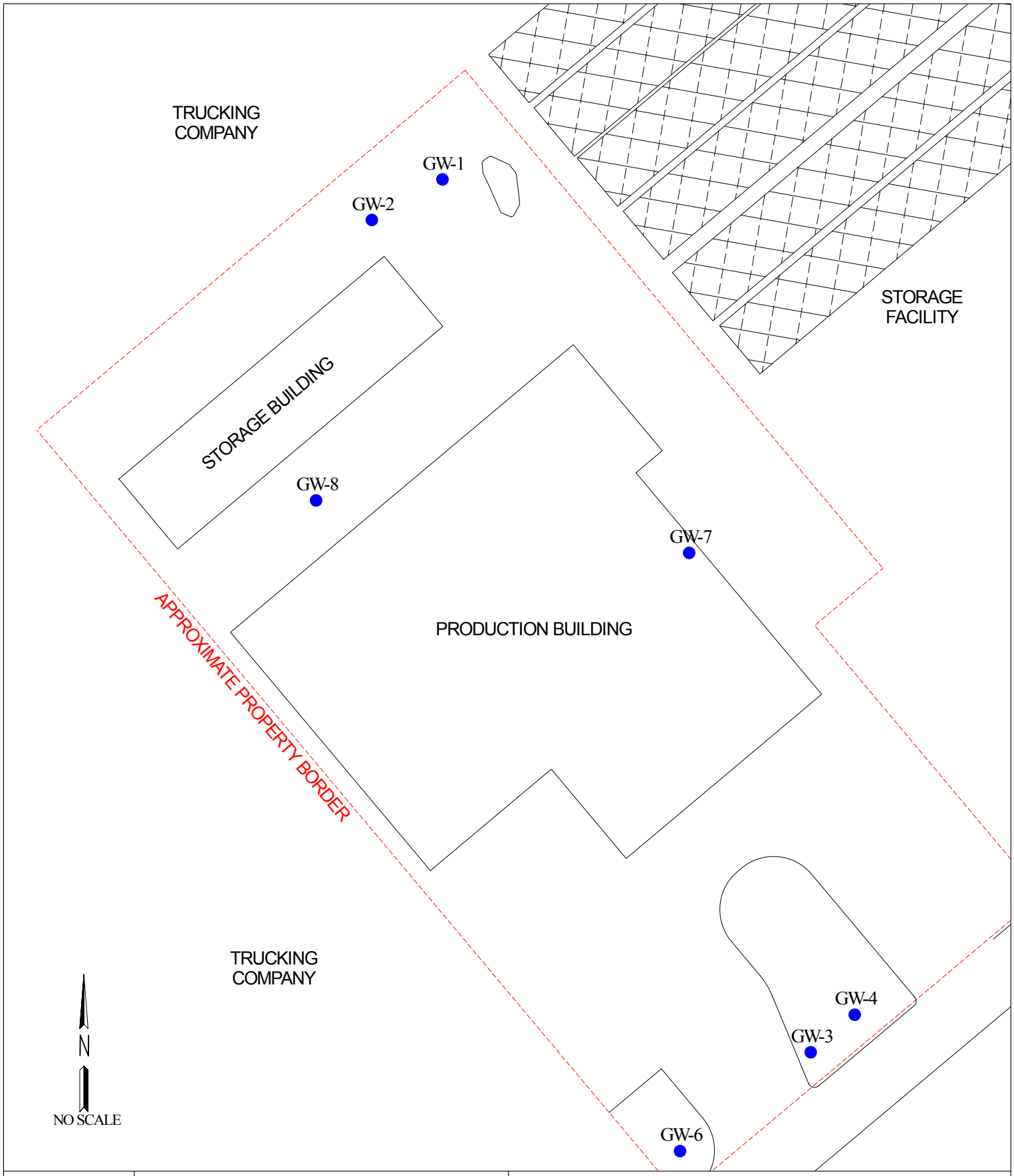
ATTACHMENTS

ATTACHMENT A

FIGURES



PROJECT MANAGER J. BOWEN	USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP DAYTON NORTH, OH 1965 REVISED: 1992 CONTOUR INTERVAL: 10 FEET NO SCALE	FIGURE 1 TOPOGRAPHIC MAP N
CREATED BY J.BOWEN		
DATE 12/6/2010	MAK Solve, L.L.C. Environmental engineering, sciences & compliance	MULLINS RUBBER SITE 2949 VALLEY PIKE DAYTON, MONTGOMERY COUNTY, OHIO 45404
PROJECT NUMBER 038-10		



PROJECT MANAGER	J. BOWEN
DRAWN BY	J. BOWEN
SCALE	NO SCALE
DATE	12/6/2010
PROJECT NUMBER	038-10

MAK Solve, L.L.C.
Environmental engineering, sciences & compliance

FIGURE 2: BORING LOCATION MAP

MULLINS RUBBER SITE
2949 VALLEY PIKE
DAYTON, MONTGOMERY COUNTY, OHIO 45404

ATTACHMENT B

PHOTOGRAPHS

PHOTO 1.

Boring GW-1

PHOTO 2.

Boring GW-2

PHOTO 3.

Boring GW-2

PHOTO 4.

GW-3

PHOTO 5.

GW-3

PHOTO 6.

GW-3

ATTACHMENT C

TABLE

TABLE 1 –GROUNDWATER ANALYTICAL RESULTS (ug/L)

	Borings	GW-1	GW-2	GW-3	GW-4	GW-6	GW-7	GW-8	VAP
VOCs	Tetrachloroethene	3.96	4.79	2.02	BMD	**74.3**	BMD	**89.5**	5
	Trichloroethene	BMD	BMD	BMD	BMD	**15.4**	BMD	2.72	5
	Bromodichloromethane	BMD	BMD	BMD	BMD	BMD	6.54	BMD	NS
	Bromoform	BMD	BMD	BMD	BMD	BMD	1.78	BMD	NS
	Chloroform	BMD	BMD	BMD	BMD	BMD	4.62	BMD	NS
	Dibromochloroethane	BMD	BMD	BMD	BMD	BMD	6.02	BMD	NS

VAP = Ohio Environmental Protection Agency, Division of Emergency and Remedial Response, Voluntary Action Program, Generic Unrestricted Potable Use Standards
Bolded results are above thier applicable standard
ug/L = micrograms per liter
BMD = Below Method Detection Limits
NS = no standard

ATTACHMENT D

WELL LOGS

WELL LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER NECESSARY— SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

No. 388390 V4 19

County Monty Township Mad River Section of Township Avondale Park

Owner Mullins Rubber Products Address 2949 Valley Pike Plate

Location of property SAME

CONSTRUCTION DETAILS

Casing diameter 5 5/8 Length of casing 111

Type of screen Length of screen

Type of pump 4701 Turbine Pump

Capacity of pump 100 GPM

Depth of pump setting 80

Date of completion 6-10-69

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate 100 G.P.M. Duration of test 1 hrs.

Drawdown 3 ft. Date

Static level-depth to water 21 ft.

Quality (clear, cloudy, taste, odor)

Pump installed by D.E. Lotts & Son

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Top Soil	0 Feet	3 Ft.
Dry Gravel	3	36
Water & Gravel	36	47
Blue Clay	47	111
14419		

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.

N.

For Industrial Use only

W. E.

S.

Drilling Firm D.E. Lotts & Son Date 6-8-69

Address 2413 Valley Pike Signed John P. Lotts

*If additional space is needed to complete well log, use next consecutive numbered form.

138

WELL LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER NECESSARY— SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

438258

County Montg. Township Mad River Section of Township Rohees Little Farms

Owner Mullin Rubber Co Address 2949 Valley Pike

Location of property Same

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST (Specify one by circling)
Casing diameter 5 5/8 Length of casing 50	Test Rate 50 G.P.M. Duration of test ____ hrs
Type of screen ____ Length of screen ____	Drawdown ____ ft. Date ____
Type of pump ____	Static level-depth to water ____ ft.
Capacity of pump ____	Quality (clear, cloudy, taste, odor) ____
Depth of pump setting ____	
Date of completion ____	Pump installed by ____

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Top Soil	0 Feet	5 Ft.
Dry Gravel	5	25
Blue Clay	25	37
Watered Gravel	37	50
Return Dry Well		
Used for Returning		
Water Back To Ground		
1448		

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.

N.

W. E.

S.

Drilling Firm P.E Letts & Son Date 7-21-72

Address 2413 Valley St Signed Tom Letts

*If additional space is needed to complete well log, use next consecutive numbered form.

138

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2006

Description	Qty Ship	Total Lbs	Sales
Steel Brite	4 0	264 0	341.00 0.00
Stoddard Solvent	1 0	32 0	41.50 0.00
Trichloroethylene	12 0	8,028 0	7,606.53 0.00
Xylol	12 0	432 0	539.00 0.00
Totals :	29 0	8,756 0	8,528.03 0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2007

Description	Qty Ship	Total Lbs	Sales
Steel Brite	3	198	255.75
	0	0	0.00
Stoddard Solvent	1	32	39.00
	0	0	0.00
Trichloroethylene	12	8,028	7,546.32
	0	0	0.00
Xylol	11	396	484.00
	0	0	0.00
Totals :	27	8,654	8,325.07
	0	0	0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2008

Description	Qty Ship	Total Lbs	Sales
Acetone	3 0	99 0	152.25 0.00
Naphtha	1 0	6 0	11.50 0.00
Steel Brite	3 0	198 0	255.75 0.00
Trichloroethylene	9 0	6,021 0	4,897.08 0.00
Xylol	6 0	216 0	280.50 0.00
Totals :	22 0	6,540 0	5,597.08 0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2009

Description	Qty Ship	Total Lbs	Sales
Steel Brite	1	66	85.25
	0	0	0.00
Trichloroethylene	6	4,014	3,291.48
	0	0	0.00
Xylol	5	180	225.50
	0	0	0.00
Totals :	12	4,260	3,602.23
	0	0	0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2010

Description	Qty Ship	Total Lbs	Sales
Steel Brite	3	198	255.75
	0	0	0.00
Trichloroethylene	14	9,366	8,589.96
	0	0	0.00
Xylol	10	360	440.00
	0	0	0.00
Totals :	27	9,924	9,285.71
	0	0	0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2011

Description	Qty Ship	Total Lbs	Sales
Steel Brite	4 0	264 0	341.00 0.00
Stoddard Solvent	1 0	32 0	49.25 0.00
Trichloroethylene	12 0	8,028 0	9,332.55 0.00
Xylol	9 0	324 0	404.25 0.00
Totals :	26 0	8,648 0	10,127.05 0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2012

Description	Qty Ship	Total Lbs	Sales
Steel Brite	6	396	511.50
	0	0	0.00
Trichloroethylene	9	6,021	7,787.16
	0	0	0.00
Xylol	5	180	225.50
	0	0	0.00
Totals :	20	6,597	8,524.16
	0	0	0.00

Sales Profile Summary Report

01/01/2006 thru 09/12/2013

Time Period
2013

Description	Qty Ship	Total Lbs	Sales
Trichloroethylene	9 0	6,021 0	7,104.78 0.00
Xylol	5 0	180 0	225.50 0.00
Totals :	14 0	6,201 0	7,330.28 0.00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Dayton
4738 Gateway Circle
Dayton, OH 45440
Tel: 800-572-9839

TestAmerica Job ID: DUJ0707
Client Project/Site: Mullins R OSI-11
Client Project Description: Mullins R OSI-11

For:
MAKSolve, LLC
77 W. Elmwood Dr.
Dayton, OH 45459

Attn: Michael Kerr

Authorized for release by:
10/25/2011 03:40:48 PM

Brian T. ODonnell
Customer Service Manager
Brian.ODonnell@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Detection Summary 4
Client Sample Results 5
QC Sample Results 6
Chronicle 11
Certification Summary 12
Definitions 13
Chain of Custody 14

Sample Summary

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
DUJ0707-01	UIC Dry Well	Water - NonPotable	10/18/11 15:55	10/18/11 16:40

Detection Summary

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Client Sample ID: UIC Dry Well

Lab Sample ID: DUJ0707-01

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	105		1.00	ug/L	1.00		SW 8260B	Total

Client Sample Results

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Client Sample ID: UIC Dry Well

Date Collected: 10/18/11 15:55
Date Received: 10/18/11 16:40

Lab Sample ID: DUJ0707-01

Matrix: Water - NonPotable

Method: SW 8260B - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**105**		1.00	ug/L		10/19/11 08:57	10/19/11 19:51	1.00
Trichloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 19:51	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*89*		*80 - 120*	*10/19/11 08:57*	*10/19/11 19:51*	*1.00*
Dibromofluoromethane	*93*		*80 - 120*	*10/19/11 08:57*	*10/19/11 19:51*	*1.00*
Toluene-d8	*101*		*80 - 120*	*10/19/11 08:57*	*10/19/11 19:51*	*1.00*
4-Bromofluorobenzene	*109*		*80 - 120*	*10/19/11 08:57*	*10/19/11 19:51*	*1.00*

QC Sample Results

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Method: SW 8260B - Volatile Organic Compounds by GC/MS

Lab Sample ID: 11J0720-BLK1
Matrix: Water - NonPotable
Analysis Batch: 11J0720

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11J0720_P

Analyte	Blank Result	Blank Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20.0		20.0	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Acrolein	<50.0		50.0	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Acrylonitrile	<50.0		50.0	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Allyl chloride	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Benzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Bromobenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Bromochloromethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Bromodichloromethane (Dichlorobromomethane)	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Bromoform	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Bromomethane (Methyl bromide)	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Butanone (MEK)	<12.5		12.5	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
tert-Butylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
sec-Butylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
n-Butylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Carbon disulfide	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Carbon tetrachloride	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Chlorobenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Chloroethane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Chloroethylvinyl ether	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Chloroform	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Chloromethane (Methyl chloride)	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Chloroprene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
4-Chlorotoluene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Chlorotoluene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Cyclohexane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Dibromochloromethane (Chlorodibromomethane)	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dibromo-3-chloropropane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dibromoethane (EDB)	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Dibromomethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
trans-1,4-Dichloro-2-butene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dichlorobenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,4-Dichlorobenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,3-Dichlorobenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Dichlorodifluoromethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1-Dichloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dichloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
cis-1,2-Dichloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dichloroethene (total)	<2.00		2.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1-Dichloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,3-Dichloropropane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2,2-Dichloropropane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2-Dichloropropane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,3-Dichloropropene (total)	<2.00		2.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1-Dichloropropene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Diethyl ether	<2.00		2.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Ethyl acetate	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00

Method: SW 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 11J0720-BLK1
Matrix: Water - NonPotable
Analysis Batch: 11J0720

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11J0720_P

Analyte	Blank Result	Blank Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Ethyl methacrylate	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Hexachlorobutadiene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
n-Hexane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Hexanone	<10.0		10.0	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Iodomethane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Isopropylbenzene (Cumene)	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
p-Isopropyltoluene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Methacrylonitrile	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Methyl tert-butyl ether	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Methylene chloride	18.3		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Methyl methacrylate	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Methylnaphthalene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
4-Methyl-2-pentanone (MIBK)	<12.5		12.5	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Naphthalene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
2-Nitropropane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Pentachloroethane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Propionitrile	<50.0		50.0	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
n-Propylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Styrene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1,1,2-Tetrachloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Tetrachloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Toluene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2,3-Trichlorobenzene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2,4-Trichlorobenzene	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1,1-Trichloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1,2-Trichloroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Trichloroethene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Trichlorofluoromethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2,3-Trichloropropane	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,1,2-Trichlorotrifluoroethane	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,2,4-Trimethylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
1,3,5-Trimethylbenzene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Vinyl Acetate	<5.00		5.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Vinyl chloride	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
m,p-Xylene	<2.00		2.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
o-Xylene	<1.00		1.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00
Xylenes, Total	<2.00		2.00	ug/L		10/19/11 08:57	10/19/11 13:18	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*91*		*80 - 120*	*10/19/11 08:57*	*10/19/11 13:18*	*1.00*
Dibromofluoromethane	*94*		*80 - 120*	*10/19/11 08:57*	*10/19/11 13:18*	*1.00*
Toluene-d8	*102*		*80 - 120*	*10/19/11 08:57*	*10/19/11 13:18*	*1.00*
4-Bromofluorobenzene	*110*		*80 - 120*	*10/19/11 08:57*	*10/19/11 13:18*	*1.00*

Method: SW 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 11J0720-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Water - NonPotable — **Prep Type: Total**
Analysis Batch: 11J0720 — **Prep Batch: 11J0720_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	20.000	17.9		ug/L		89	79 - 120
Bromodichloromethane (Dichlorobromomethane)	20.000	16.8		ug/L		84	76 - 121
Bromoform	20.000	21.7		ug/L		109	69 - 120
Bromomethane (Methyl bromide)	20.000	18.4		ug/L		92	64 - 120
Carbon tetrachloride	20.000	14.9		ug/L		74	70 - 129
Chlorobenzene	20.000	18.2		ug/L		91	78 - 120
Chloroethane	20.000	17.6		ug/L		88	67 - 120
2-Chloroethylvinyl ether	20.000	20.3		ug/L		101	10 - 212
Chloroform	20.000	16.5		ug/L		83	77 - 120
Chloromethane (Methyl chloride)	20.000	15.1		ug/L		75	58 - 120
Dibromochloromethane (Chlorodibromomethane)	20.000	18.2		ug/L		91	76 - 123
1,2-Dichlorobenzene	20.000	21.7		ug/L		109	78 - 123
1,4-Dichlorobenzene	20.000	21.2		ug/L		106	74 - 120
1,3-Dichlorobenzene	20.000	21.3		ug/L		107	76 - 121
1,1-Dichloroethane	20.000	17.5		ug/L		87	79 - 120
1,2-Dichloroethane	20.000	16.5		ug/L		82	75 - 120
trans-1,2-Dichloroethene	20.000	17.6		ug/L		88	79 - 120
1,1-Dichloroethene	20.000	16.6		ug/L		83	71 - 121
1,2-Dichloropropane	20.000	18.7		ug/L		93	80 - 120
cis-1,3-Dichloropropene	20.000	19.2		ug/L		96	80 - 120
trans-1,3-Dichloropropene	20.000	20.4		ug/L		102	74 - 120
Ethylbenzene	20.000	17.8		ug/L		89	79 - 120
n-Hexane	40.000	34.7		ug/L		87	57 - 180
1,1,2,2-Tetrachloroethane	20.000	22.9		ug/L		115	74 - 120
Tetrachloroethene	20.000	14.8		ug/L		74	62 - 128
Toluene	20.000	18.1		ug/L		90	79 - 120
1,1,1-Trichloroethane	20.000	15.7		ug/L		79	74 - 121
1,1,2-Trichloroethane	20.000	19.5		ug/L		98	75 - 120
Trichloroethene	20.000	17.4		ug/L		87	77 - 120
Trichlorofluoromethane	20.000	14.8		ug/L		74	71 - 136
Vinyl chloride	20.000	16.6		ug/L		83	65 - 126

Lab Sample ID: 11J0720-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Water - NonPotable — **Prep Type: Total**
Analysis Batch: 11J0720 — **Prep Batch: 11J0720_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	<200		4000.0	4130		ug/L		103	79 - 120
Bromodichloromethane (Dichlorobromomethane)	<200		4000.0	3520		ug/L		88	76 - 121
Bromoform	<200		4000.0	4080		ug/L		102	69 - 120
Bromomethane (Methyl bromide)	<1000		4000.0	3450		ug/L		86	64 - 120
Carbon tetrachloride	<200		4000.0	3370		ug/L		84	70 - 129
Chlorobenzene	<200		4000.0	3970		ug/L		99	78 - 120
Chloroethane	<1000		4000.0	3950		ug/L		99	67 - 120
2-Chloroethylvinyl ether	<1000		4000.0	4270		ug/L		107	10 - 212
Chloroform	<200		4000.0	3650		ug/L		91	77 - 120
Chloromethane (Methyl chloride)	<1000		4000.0	3610		ug/L		90	58 - 120

Method: SW 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 11J0720-MS1
Matrix: Water - NonPotable
Analysis Batch: 11J0720

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11J0720_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Dibromochloromethane (Chlorodibromomethane)	<200		4000.0	3670		ug/L		92	76 - 123
1,2-Dichlorobenzene	<200		4000.0	4310		ug/L		108	78 - 123
1,4-Dichlorobenzene	<200		4000.0	4250		ug/L		106	74 - 120
1,3-Dichlorobenzene	<200		4000.0	4320		ug/L		108	76 - 121
1,1-Dichloroethane	<200		4000.0	3960		ug/L		99	79 - 120
1,2-Dichloroethane	<200		4000.0	3520		ug/L		88	75 - 120
trans-1,2-Dichloroethene	<200		4000.0	4170		ug/L		104	79 - 120
1,1-Dichloroethene	<200		4000.0	4160		ug/L		104	71 - 121
1,2-Dichloropropane	<200		4000.0	4110		ug/L		103	80 - 120
cis-1,3-Dichloropropene	<200		4000.0	4120		ug/L		103	80 - 120
trans-1,3-Dichloropropene	<200		4000.0	4230		ug/L		106	74 - 120
Ethylbenzene	<200		4000.0	3990		ug/L		100	79 - 120
n-Hexane	<1000		8000.0	7840		ug/L		98	57 - 180
1,1,2,2-Tetrachloroethane	<200		4000.0	4740		ug/L		119	74 - 120
Tetrachloroethene	<200		4000.0	3540		ug/L		88	62 - 128
Toluene	<200		4000.0	4080		ug/L		102	79 - 120
1,1,1-Trichloroethane	<200		4000.0	3690		ug/L		92	74 - 121
1,1,2-Trichloroethane	<200		4000.0	4140		ug/L		104	75 - 120
Trichloroethene	<200		4000.0	4010		ug/L		100	77 - 120
Trichlorofluoromethane	<200		4000.0	3680		ug/L		92	71 - 136
Vinyl chloride	<200		4000.0	4180		ug/L		104	65 - 126

Lab Sample ID: 11J0720-MSD1
Matrix: Water - NonPotable
Analysis Batch: 11J0720

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11J0720_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	<200		4000.0	4140		ug/L		103	79 - 120	0.2	25
Bromodichloromethane (Dichlorobromomethane)	<200		4000.0	3570		ug/L		89	76 - 121	1	25
Bromoform	<200		4000.0	4340		ug/L		108	69 - 120	6	25
Bromomethane (Methyl bromide)	<1000		4000.0	4270		ug/L		107	64 - 120	21	25
Carbon tetrachloride	<200		4000.0	3500		ug/L		88	70 - 129	4	25
Chlorobenzene	<200		4000.0	4030		ug/L		101	78 - 120	1	25
Chloroethane	<1000		4000.0	4160		ug/L		104	67 - 120	5	25
2-Chloroethylvinyl ether	<1000		4000.0	4310		ug/L		108	10 - 212	0.8	25
Chloroform	<200		4000.0	3620		ug/L		91	77 - 120	0.7	25
Chloromethane (Methyl chloride)	<1000		4000.0	3670		ug/L		92	58 - 120	2	25
Dibromochloromethane (Chlorodibromomethane)	<200		4000.0	3770		ug/L		94	76 - 123	3	25
1,2-Dichlorobenzene	<200		4000.0	4550		ug/L		114	78 - 123	5	25
1,4-Dichlorobenzene	<200		4000.0	4440		ug/L		111	74 - 120	5	25
1,3-Dichlorobenzene	<200		4000.0	4520		ug/L		113	76 - 121	5	25
1,1-Dichloroethane	<200		4000.0	4010		ug/L		100	79 - 120	1	25
1,2-Dichloroethane	<200		4000.0	3540		ug/L		89	75 - 120	0.7	25
trans-1,2-Dichloroethene	<200		4000.0	4090		ug/L		102	79 - 120	2	25
1,1-Dichloroethene	<200		4000.0	4210		ug/L		105	71 - 121	1	25
1,2-Dichloropropane	<200		4000.0	4170		ug/L		104	80 - 120	2	25
cis-1,3-Dichloropropene	<200		4000.0	4220		ug/L		105	80 - 120	2	25
trans-1,3-Dichloropropene	<200		4000.0	4280		ug/L		107	74 - 120	1	25

QC Sample Results

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Method: SW 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 11J0720-MSD1
Matrix: Water - NonPotable
Analysis Batch: 11J0720

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11J0720_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethylbenzene	<200		4000.0	4060		ug/L		101	79 - 120	2	25
n-Hexane	<1000		8000.0	8200		ug/L		102	57 - 180	4	25
1,1,2,2-Tetrachloroethane	<200		4000.0	4790		ug/L		120	74 - 120	1	25
Tetrachloroethene	<200		4000.0	3580		ug/L		89	62 - 128	1	25
Toluene	<200		4000.0	4090		ug/L		102	79 - 120	0.1	25
1,1,1-Trichloroethane	<200		4000.0	3750		ug/L		94	74 - 121	2	25
1,1,2-Trichloroethane	<200		4000.0	4190		ug/L		105	75 - 120	1	25
Trichloroethene	<200		4000.0	4060		ug/L		101	77 - 120	1	25
Trichlorofluoromethane	<200		4000.0	3710		ug/L		93	71 - 136	1	25
Vinyl chloride	<200		4000.0	4220		ug/L		106	65 - 126	1	25

Lab Chronicle

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Client Sample ID: UIC Dry Well

Date Collected: 10/18/11 15:55
Date Received: 10/18/11 16:40

Lab Sample ID: DUJ0707-01

Matrix: Water - NonPotable

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.00	11J0720_P	10/19/11 08:57	JDT	TAL DAY
Total	Analysis	SW 8260B		1.00	11J0720	10/19/11 19:51	JDT	TAL DAY

Laboratory References:

TAL DAY = TestAmerica Dayton, 4738 Gateway Circle, Dayton, OH 45440, TEL 800-572-9839

Certification Summary

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Dayton	Indiana	State Program	5	C-OH-10
TestAmerica Dayton	Kentucky	Kentucky UST	4	8
TestAmerica Dayton	Michigan	State Program	5	9931
TestAmerica Dayton	Ohio	OVAP	5	CL0018
TestAmerica Dayton	Ohio	State Program	5	OH-00010
TestAmerica Dayton	Ohio	State Program	5	OH-00010
TestAmerica Dayton	Ohio	State Program	5	OH-00010
TestAmerica Dayton	Ohio	State Program	5	OH-00010
TestAmerica Dayton	Pennsylvania	NELAC	3	68-00577

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Definitions/Glossary

Client: MAKSolve, LLC
Project/Site: Mullins R OSI-11

TestAmerica Job ID: DUJ0707

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
B	Analyte was detected in the associated Method Blank.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Chain of Custody Record

DUT0707

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: DAYTON

Regulatory program: [X] DW [ ] NPDES [ ] RCRA [ ] Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MAKSolve, LLC	Client Project Manager: M. KERR	Site Contact: M. Kerr	Lab Contact:	COC No: 020749
Address: 77 W. ELMWOOD Dr.	Telephone: (937) 681-4397	Telephone: (937) 681-4397	Telephone:	____ of ____ COCs
City/State/Zip: DAYTON, OH, 45459	Email: MICHAEL@MAKSOLVE.COM			
Phone: (937) 681-4397				
Project Name: MULLINS R	Method of Shipment/Carrier: HAND			
Project Number: 051-11	Shipping/Tracking No: N/A			
PO#				

Analysis Turnaround Time (In BUS days)
TAT if different from below
[ ] 3 weeks
[X] 2 weeks
[ ] 1 week
[ ] 2 days
[ ] 1 day

For lab use only
[ ] Walk-in client
[ ] Lab pickup
[ ] Lab sampling
Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCE/PCE Method 8260B									Sample Specific Notes / Special Instructions:
UIC DRY WELL	10-18-11	3:55		X						X					N	G	X									

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return to Client [X] Disposal By Lab [ ] Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Michael A Kerr	MAKSolve, LLC	10/18/11 4:40 PM			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	10/18/11 1640

©2008, TestAmerica Laboratories, Inc. All rights reserved.
TestAmerica & Design ™ are trademarks of TestAmerica Laboratories, Inc.

TAL 0018- I (04/10)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Cooler/Sample Receipt

☐ MSDS or Known Hazard Information Supplied by Client
☐ Bottle stickers applied ☐ ELEMENT comment entered ☐ MSDS/COC scanned/emailed to EH&S
☐ Discrepancies Client ID Maksolve
☐ Short Hold Work Order # DUT0707
☐ Rush ☐24hr ☐2day ☐3day ☐5day ☐other
Receipt evaluation performed by - Initials: Date: 10/18/11 Time: 1640

Method of Shipment:
☑ Walk-In Client ☐ TestAmerica Field/Courier
☐ Other Client/3rd Party Courier
☐ Fed Ex Tracking #
☐ UPS Tracking #
☐ Other

Shipping Container Type:
☑ Cooler ☐ Box
☐ None ☐ Other
Packing Materials:
☑ Plastic Bags ☐ Foam
☑ Bubble Wrap ☐ Paper
☐ Packing Peanuts ☐ None
☐ Other

Custody Seals Intact:
☑ Yes ☐ No
☐ N/A (not used or required)
Cooling Materials:
☑ Ice *(solid)* ☐ Ice *(Melted)*
☐ Blue Ice ☐ None
☐ Other

Are there any soil samples from areas requiring USDA quarantine? *(AL, AR, AZ, CA, FL, GA, HI, ID, LA MS, NC, NM, NY, OK, SC, TN, TX, VA, Puerto Rico, Virgin Islands, any other Non-Domestic area)* ☑ No ☐ Yes (If Yes, *Project Manager must be notified*).

Receipt Temperatures ☐ Check if Additional Sheets Required

Thermometer ID	Observed (°C)	Corrected (°C)	Temp Blank	Sample Temp	Received on same day sampled?	Acceptable?*	Cooler ID	Note Affected Samples if temperature not acceptable
G	4.9	4.9	☐	☐	☑Yes ☐No	☑Yes ☐No		
			☐	☐	☐Yes ☐No	☐Yes ☐No		
			☐	☐	☐Yes ☐No	☐Yes ☐No		

* Receipt temperatures are considered acceptable if the samples are received on the same day they were collected & show signs that the cooling process has started. Temperature acceptance for most tests is ≤6.0°C, **but not frozen**. For additional information, please refer to SOP DT-SCA-004 ***Sample Receipt and Login, Attachment 2 – Holding Times, Preservation and Container Requirements***.

Receipt Questions**	Y	N	n/a	"No" answers require additional comment
COC present & TA receipt signature, date, & time properly documented?	✓			
Containers & labels in good condition? *(unbroken, not leaking, appropriately filled, labels legible & attached)*	✓			
Appropriate containers used & adequate volume provided?	✓			
Number of sample containers match COC?	✓			
Samples received within hold time?	✓			
Samples submitted for GRO and Volatiles analyses (8260, 624, 524) received without headspace?	✓			
Was a Trip Blank received with VOA samples?		✓		
Were the samples free of any questionable physical conformities? For example, field duplicates or multiple bottles of the same sample do not significantly vary in appearance (color, proportion of solids, etc.)	✓			
Were the COC, bottle labels, and all other items free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	✓			

** May not be applicable if samples are not for compliance testing

Client Contact Record
Contact via: ☐ Phone ☐ Email ☐ Other **Person Contacted:** **Date/Time:**
☐ Discrepancy allowance agreement is on record in the client project file.
Discussion/Resolution:

Any additional documentation and clarification from client must be noted in the narrative and/or scanned into the COC directory.

10-19-11
Reviewed by PM Signature Date