

June 24, 2020

Indiana Department of Environmental Management Office of Land Quality State Cleanup Section 100 North Senate Avenue, IGCN, Room 1101 Indianapolis, Indiana 46204-2251 Attn: Mr. Tim Johnson

RE: Indoor Air Mitigation Monthly Sampling – April and May 2020 Hurricane Road Industrial Development, LLC Property Crossroads Recycling Building Office 1062 Eastview Drive Franklin, Indiana IDEM SCP Site #2013-34567 Patriot Project No. 20-0317-01E

Dear Mr. Johnson:

Patriot Engineering and Environmental, Inc. (*Patriot*) is pleased to submit this report documenting the April 2020 and May 2020 monthly performance air sampling conducted following installation of an interim indoor air vapor mitigation system at the Crossroads Recycling building located on the Hurricane Road Industrial Development, LLC (HRID) property at 1062 Eastview Drive in Franklin, Indiana (the Site). This work was conducted in response to a request from the Indiana Department of Environmental Management (IDEM) to install a vapor mitigation system to reduce the concentrations of VOCs in the office space at the Crossroads Recycling building. This report describes the work activities that were conducted by *Patriot* and presents our findings and conclusions relative to the site.

# PROJECT BACKGROUND

*Patriot* installed an Airpura C600DLX Air Purifier (C600) within the office space at the Crossroads Recycling building where indoor air concentrations of trichloroethylene (TCE) had been detected during previous vapor intrusion investigations at concentrations exceeding the Remediation Closure Guide (RCG) Commercial/Industrial Indoor Air Screening Level (IASL) of 8.8 micrograms per cubic meter (ug/m<sup>3</sup>). The C600 was installed on April 1, 2020 and placed on the ground surface in the north-west corner of the office space. *Patriot* performed vapor intrusion sampling events immediately prior to startup of the system and at intervals of 2 days, 1 week, and 2

weeks following system setup. During each sampling event, one indoor air sample was collected from the office space over an approximately 8-hour period using a 6-liter batch-certified summa canister equipped with a laboratory calibrated flow regulator and vacuum gauge. The Summa canisters were labeled, logged onto a chain-of-custody form and delivered to the laboratory for short list VOC analyses including TCE, perchloroethylene (PCE), cis-1,2,dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethylene (trans-1,2-DCE), and vinyl chloride using U.S. EPA Method TO-15. The analytical results for these sampling events are summarized below.

Sample ID	Date	Duration		Analytic	al Results	s (ug/m³)	
Sample ID	Date	Duration	PCE	TCE	c-DCE	t-DCE	VC
Office Baseline	4/1/2020	8 hr	1.7	86.0	ND	ND	ND
Office 48hrs	4/3/2020	8 hr	ND	14.6	ND	ND	ND
IA-6	4/9/2020	8 hr	ND	20.1	ND	ND	ND
Office- 2 Week	4/16/2020	8 hr	ND	10.5	ND	ND	ND
IDEM RCG	Residential	IASLs	42	2.1	NE	NE	1.7
IDEM RCG	Commercial	IASLs	180	8.8	NE	NE	28

Notes:

ND= Below Laboratory Reporting Limit

ug/m<sup>3</sup> = micrograms per meter cubed

**10.5** = Constituent detected above IDEM RCG Residential IASLs

**10.5** = Constituent detected above IDEM RCG Commercial IASLs

The sampling events conducted after installation of the C600 showed a substantial reduction in TCE concentrations. Analysis of the post-installation 2-day, one-week and two-week samples reported TCE concentration reductions of 83%, 76.6% and 87.8% when compared to the initial baseline TCE concentration of 86.0 ug/m<sup>3</sup>. However, all of the samples exceeded the RCG Commercial/ Industrial IASL of 8.8 ug/m<sup>3</sup>. During each of the post-installation sampling events, *Patriot* noted that the variable airflow controller on the C600 air purifier had been turned down by the tenant to a level below the maximum volume due to noise from the unit and Patriot was not able to determine whether the failure to meet the mitigation goal was due to limitations of the C600 or due to the unit not being operated properly. The tenant was reinstructed on use of the C600 and was instructed that the unit must operate at full airflow volume in order to successfully remediate the Indoor Air. An "Indoor Air Vapor Mitigation System Installation and Startup Report" documenting the system installation and indoor air sampling was submitted to IDEM on June 4, 2020.

## MONTHLY PERFORMANCE AIR SAMPLING

*Patriot* subsequently conducted monthly performance air sampling events during the months of April 2020 and May 2020 (approximately one and two months following system start-up) to document the performance of the C600 mitigation system and

determine whether break-through of the carbon filter was occurring. The samples were collected from the office space over an approximately 1-hour period using a 6-liter batch-certified summa canister in a similar manner to previous sampling events. The analytical results for both the April 2020 and May 2020 sampling events are shown in the below table.

Semple ID	Dete		Analytic	al Results	s (ug/m³)	
Sample ID	Date	PCE	TCE	c-DCE	t-DCE	VC
Office 1 Month (April)	5/6/2020	4.9	33.1	ND	ND	ND
May Monthly Sample Office	5/27/2020	ND	2.5	ND	ND	ND
IDEM RCG Commercia	I IASLs	180	8.8	NE	NE	28

Notes:

ND = Below Laboratory Reporting Limit

ug/m<sup>3</sup> = micrograms per meter cubed

NE = RCG Screening Level not established

**10.5** = Constituent detected above IDEM RCG Commercial IASLs

As shown in the table, TCE was detected at a concentration that exceeds the RCG Commercial/Industrial VESL during the April sampling event and at a concentration that is below RCG Commercial/Industrial VESL during the May sampling event. PCE was detected at a concentration exceeding the laboratory detection limit but below the RCG Commercial/Industrial VESL during the April sampling event. No other VOC constituents were detected at concentrations exceeding the laboratory detection limits during either sampling event. The laboratory analytical reports for both sampling events are included in Attachment A.

Upon arrival at the Site for the April sampling event, *Patriot* noted that the tenant had set the variable airflow controller at approximately 30% of the maximum airflow. The tenant was reinstructed that the airflow controller needed to be set at maximum volume for proper system operation. Upon arrival at the Site for the May sampling event, *Patriot* noted that the variable airflow controller was set at the maximum airflow and the analytical results of the May sample showed that the mitigation goal had been met. Therefore, it appears that the C600 air purifier is successfully mitigating the indoor air in the office portion of the building when it is properly operated at or near maximum airflow.

# ONGOING SYSTEM PERFORMANCE MONITORING

Additional indoor air samples will be collected at one-month intervals for up to six months to document that the carbon filter does not become spent and break-through of the TCE vapors occurs. The ongoing monitoring samples will be collected over an approximately 1-hour period using the same procedures described above. *Patriot* will note the airflow volume setting of the C600 when collecting the samples to determine

whether the system is being properly operated by the tenant. The results of the monthly sampling will be forwarded to IDEM in a monthly status report. The carbon filter will be changed when it appears that breakthrough is occurring or at six months following installation, whichever occurs first. The next monthly sampling event is due to take place at the end of June 2020.

Please do not hesitate to contact us if you have any questions regarding this report of if you need any additional information.

Very truly yours,

Patriot Engineering and Environmental, Inc.

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James J. Cody Project Engineer Environmental Group

Attachments

Michael & Casper

Michael F. Casper, LPG Principal Chief Environmental Consultant

# Attachment A

# Laboratory Report



Pace Analytical Services, LLC 1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

May 14, 2020

James Cody Patriot Engineering 6330 East 75th. St. Indianapolis, IN 46250

RE: Project: 20-0317-01E Crossroads Recycli Pace Project No.: 10517364

Dear James Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on May 08, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Minneapolis

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

Sincerely,

Carolynne Tract

Carolynne Trout carolynne.trout@pacelabs.com 1(612)607-6351 Project Manager

Enclosures

cc: Mike Casper, Patriot Engineering





Pace Analytical Services, LLC 1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

### CERTIFICATIONS

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

#### Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01 Alabama Certification #: 40770 Alaska Contaminated Sites Certification #: 17-009 Alaska DW Certification #: MN00064 Arizona Certification #: AZ0014 Arkansas DW Certification #: MN00064 Arkansas WW Certification #: 88-0680 California Certification #: 2929 CNMI Saipan Certification #: MP0003 Colorado Certification #: MN00064 Connecticut Certification #: PH-0256 EPA Region 8+Wyoming DW Certification #: via MN 027-053-137 Florida Certification #: E87605 Georgia Certification #: 959 Guam EPA Certification #: MN00064 Hawaii Certification #: MN00064 Idaho Certification #: MN00064 Illinois Certification #: 200011 Indiana Certification #: C-MN-01 Iowa Certification #: 368 Kansas Certification #: E-10167 Kentucky DW Certification #: 90062 Kentucky WW Certification #: 90062 Louisiana DEQ Certification #: 03086 Louisiana DW Certification #: MN00064 Maine Certification #: MN00064 Marvland Certification #: 322 Massachusetts Certification #: M-MN064 Massachusetts DWP Certification #: via MN 027-053-137 Michigan Certification #: 9909 Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certifcation #: via MN 027-053-137 Minnesota Petrofund Certification #: 1240 Mississippi Certification #: MN00064 Missouri Certification #: 10100 Montana Certification #: CERT0092 Nebraska Certification #: NE-OS-18-06 Nevada Certification #: MN00064 New Hampshire Certification #: 2081 New Jersey Certification #: MN002 New York Certification #: 11647 North Carolina DW Certification #: 27700 North Carolina WW Certification #: 530 North Dakota Certification #: R-036 Ohio DW Certification #: 41244 Ohio VAP Certification #: CL101 Oklahoma Certification #: 9507 Oregon Primary Certification #: MN300001 Oregon Secondary Certification #: MN200001 Pennsylvania Certification #: 68-00563 Puerto Rico Certification #: MN00064 South Carolina Certification #:74003001 Tennessee Certification #: TN02818 Texas Certification #: T104704192 Utah Certification #: MN00064 Vermont Certification #: VT-027053137 Virginia Certification #: 460163 Washington Certification #: C486 West Virginia DEP Certification #: 382 West Virginia DW Certification #: 9952 C Wisconsin Certification #: 999407970 Wyoming UST Certification #: via A2LA 2926.01



### SAMPLE SUMMARY

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10517364001	Office - 1 Month	Air	05/06/20 12:00	05/08/20 11:30
10517364002	Office - 1 Month Cert#0801	Air	05/06/20 12:00	05/08/20 11:30



### SAMPLE ANALYTE COUNT

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10517364001	Office - 1 Month		MJL	5
10517364002	Office - 1 Month Cert#0801	TO-15	MJL	61

PASI-M = Pace Analytical Services - Minneapolis



### **PROJECT NARRATIVE**

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Method:TO-15Description:TO15 MSV AIRClient:Patriot Engineering-INDate:May 14, 2020

### **General Information:**

1 sample was analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

#### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

#### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

#### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### **Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

#### Additional Comments:



### **PROJECT NARRATIVE**

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Method:TO-15Description:Individual Can CertificationClient:Patriot Engineering-INDate:May 14, 2020

### **General Information:**

1 sample was analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

#### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank: All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

#### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



### ANALYTICAL RESULTS

### Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Sample: Office - 1 Month	Lab ID:	10517364001	Collected	: 05/06/20	0 12:00	Received: 05	5/08/20 11:30 N	latrix: Air	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15	5						
	-	lytical Services		S					
cis-1,2-Dichloroethene	ND	ug/m3	1.3	0.19	1.61		05/12/20 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	0.27	1.61		05/12/20 17:51	156-60-5	
Tetrachloroethene	4.9	ug/m3	1.1	0.43	1.61		05/12/20 17:51	127-18-4	
Trichloroethene	33.1	ug/m3	0.88	0.36	1.61		05/12/20 17:51	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	0.15	1.61		05/12/20 17:51	75-01-4	
Sample: Office - 1 Month Cert#0801	Lab ID:	10517364002	Collected	: 05/06/20	) 12:00	Received: 05	5/08/20 11:30 N	latrix: Air	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical	Method: TO-15							
		lytical Services		s					
Acetone	ND	ug/m3	3.0	0.64	0.5		04/29/20 02:38	8 67-64-1	
Benzene	ND	ug/m3	0.16	0.065	0.5		04/29/20 02:38		
Benzyl chloride	ND	ug/m3	1.3	0.24	0.5		04/29/20 02:38		
Bromodichloromethane	ND	ug/m3	0.68	0.088	0.5		04/29/20 02:38		
Bromoform	ND	ug/m3	2.6	0.90	0.5		04/29/20 02:38		
Bromomethane	ND	ug/m3	0.39	0.073	0.5		04/29/20 02:38		
1,3-Butadiene	ND	ug/m3	0.33	0.052	0.5		04/29/20 02:38		
2-Butanone (MEK)	ND	ug/m3	1.5	0.28	0.5		04/29/20 02:38		
Carbon disulfide	ND	ug/m3	0.32	0.054	0.5		04/29/20 02:38		
Carbon tetrachloride	ND	ug/m3	0.64	0.034	0.5		04/29/20 02:38		
Chlorobenzene	ND	ug/m3	0.04	0.066	0.5		04/29/20 02:38		
Chloroethane	ND	ug/m3	0.47	0.063	0.5		04/29/20 02:38		
Chloroform	ND	ug/m3	0.27	0.066	0.5		04/29/20 02:38		
Chloromethane	ND	ug/m3	0.23	0.000	0.5		04/29/20 02:38		
Cyclohexane	ND	0	0.21	0.033	0.5		04/29/20 02:38		
Dibromochloromethane	ND	ug/m3 ug/m3	0.86	0.073	0.5		04/29/20 02:38		
	ND	-	0.80	0.20	0.5		04/29/20 02:38		
1,2-Dibromoethane (EDB)		ug/m3							
1,2-Dichlorobenzene	ND	ug/m3	0.61	0.16	0.5		04/29/20 02:38		
1,3-Dichlorobenzene	ND	ug/m3	0.61	0.24	0.5		04/29/20 02:38		
1,4-Dichlorobenzene	ND	ug/m3	1.5	0.37	0.5		04/29/20 02:38		
Dichlorodifluoromethane	ND	ug/m3	0.50	0.084	0.5		04/29/20 02:38		
1,1-Dichloroethane	ND	ug/m3	0.41	0.056	0.5		04/29/20 02:38		
1,2-Dichloroethane	ND	ug/m3	0.21	0.084	0.5		04/29/20 02:38		
1,1-Dichloroethene	ND	ug/m3	0.40	0.060	0.5		04/29/20 02:38		
cis-1,2-Dichloroethene	ND	ug/m3	0.40	0.058	0.5		04/29/20 02:38		
trans-1,2-Dichloroethene	ND	ug/m3	0.40	0.084	0.5		04/29/20 02:38		
1,2-Dichloropropane	ND	ug/m3	0.47	0.10	0.5		04/29/20 02:38		
cis-1,3-Dichloropropene	ND	ug/m3	0.46	0.19	0.5		04/29/20 02:38		
trans-1,3-Dichloropropene	ND	ug/m3	0.46	0.13	0.5		04/29/20 02:38		
Dichlorotetrafluoroethane	ND	ug/m3	0.71	0.079	0.5		04/29/20 02:38		
Ethanol	ND	ug/m3	0.96	0.47	0.5		04/29/20 02:38	64-17-5	



### ANALYTICAL RESULTS

### Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

Pace Analytical Services - Minneapolis           Ethyl acetate         ND         ug/m3         0.37         0.092         0.5         04/29/20 02:38         141-78-6           Ethyl acetate         ND         ug/m3         0.44         0.069         0.5         04/29/20 02:38         100-41-4           Ethyl louene         ND         ug/m3         0.42         0.098         0.5         04/29/20 02:38         822-96-8           Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20 02:38         87-68-3           Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20 02:38         87-68-3           Hexane         ND         ug/m3         2.1         0.17         0.5         04/29/20 02:38         105-41-3           Hexane         ND         ug/m3         1.8         0.46         0.5         04/29/20 02:38         163-01-1           Alethyl-enchone (MIBK)         ND         ug/m3         1.8         0.050         0.5         04/29/20 02:38         163-01-1           Alethyl-ter-butyl ether         ND         ug/m3         1.3         0.64         0.5         0.4/29/20 02:38         163-01-1           A	Sample: Office - 1 Month Cert#0801	Lab ID:	10517364002	Collected	d: 05/06/20	0 12:00	Received: 05/08/20	0 11:30 Ma	atrix: Air	
Analytical Method: TO-15 Pace Analytical Services - Minneapolis           Ethyl acetate         ND         ug/m3         0.37         0.092         0.5         04/29/20         02:38         141-78-6           Ethylacetate         ND         ug/m3         0.44         0.069         0.5         04/29/20         02:38         100-41-4           Ethylacetate         ND         ug/m3         0.42         0.098         0.5         04/29/20         02:38         622-96-8           -Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20         02:38         87-68-3           Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20         02:38         87-68-3           Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20         02:38         87-68-3           Hexanone         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         816-4-4           Athyl-tert-butyl ether         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         163-04-4           Algaphtialene         ND         ug/m3         0.				Report						
Pace Analytical Services - Minneapolis           Ethyl acetate         ND         ug/m3         0.37         0.092         0.5         04/29/20 02:38         141-78-6           Ethyl acetate         ND         ug/m3         0.44         0.069         0.5         04/29/20 02:38         100-41-4           Ethyl louene         ND         ug/m3         0.42         0.098         0.5         04/29/20 02:38         822-96-8           Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20 02:38         87-68-3           Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20 02:38         87-68-3           Hexane         ND         ug/m3         2.1         0.17         0.5         04/29/20 02:38         105-41-3           Hexane         ND         ug/m3         1.8         0.46         0.5         04/29/20 02:38         163-01-1           Alethyl-enchone (MIBK)         ND         ug/m3         1.8         0.050         0.5         04/29/20 02:38         163-01-1           Alethyl-ter-butyl ether         ND         ug/m3         1.3         0.64         0.5         0.4/29/20 02:38         163-01-1           A	Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Hyl acetate         ND         ug/m3         0.37         0.092         0.5         04/29/20         02:38         14-78-6           Ethylbenzene         ND         ug/m3         0.44         0.069         0.5         04/29/20         02:38         10-41-4           Ethylburne         ND         ug/m3         1.2         0.21         0.5         04/29/20         02:38         142-8-5           Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20         02:38         517-8-6           Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20         02:38         517-78-6           Hexane         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         591-78-6           Hethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         163-04-4           Hethylene Chloride         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         165-07-1           Hethylene         ND         ug/m3         1.3         0.64         0.5         04/29/20         02:38 <td< td=""><td>Individual Can Certification</td><td>Analytical</td><td>Method: TO-15</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Individual Can Certification	Analytical	Method: TO-15							
Bit         ND         ug/m3         0.44         0.069         0.5         04/29/20         02:38         100-41-4           Ethyllouene         ND         ug/m3         1.2         0.21         0.5         04/29/20         02:38         622-96-8           Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20         02:38         142-82-5           lexachtoro-1,3-butadiene         ND         ug/m3         0.36         0.10         0.5         04/29/20         02:38         156-8-3           Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20         02:38         501-78-6           Acthylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         163-04-4           Japhtalene         ND         ug/m3         1.8         0.55         04/29/20         02:38         163-04-4           Japhtalene         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         163-04-4           Japhtalene         ND         ug/m3         0.43         0.21         0.5         04/29/20         02:38         163-04-1 <td></td> <td>Pace Ana</td> <td>lytical Services</td> <td>- Minneapo</td> <td>lis</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Pace Ana	lytical Services	- Minneapo	lis					
-Ehyltoluene         ND         ug/m3         1.2         0.21         0.5         04/29/20         02:38         622-96-8           +Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20         02:38         142-82-5           texachloro-1,3-butadiene         ND         ug/m3         0.36         0.10         0.5         04/29/20         02:38         10-54-3           t-Hexano         ND         ug/m3         2.1         0.17         0.5         04/29/20         02:38         591-78-6           dethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         10-54-3           dethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         163-04-4           kaphthalene         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         163-04-4           kaphthalene         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         163-07-1           kaphthalene         ND         ug/m3         0.43         0.21         0.5         04/29/20         <	Ethyl acetate	ND	ug/m3	0.37	0.092	0.5	04/2	29/20 02:38	141-78-6	
Heptane         ND         ug/m3         0.42         0.098         0.5         04/29/20         02:38         142-82-5           lexachloro-1,3-butadiene         ND         ug/m3         2.7         0.62         0.5         04/29/20         02:38         87-68-3           Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20         02:38         591-78-6           Hetxane         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         591-78-6           Hethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         591-78-6           Hethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20         02:38         163-04-4           Athylene Chloride         ND         ug/m3         1.2         0.19         0.5         04/29/20         02:38         163-04-4           Athylene         ND         ug/m3         0.18         0.049         0.5         04/29/20         02:38         163-04-4           Athylene         ND         ug/m3         0.18         0.18         0.19         0.5         04/29/	Ethylbenzene	ND	ug/m3	0.44	0.069	0.5	04/2	29/20 02:38	100-41-4	
Hexachloro-1,3-butadiene         ND         ug/m3         2.7         0.62         0.5         04/29/20 02:38         87-68-3           H-Hexano         ND         ug/m3         0.36         0.10         0.5         04/29/20 02:38         101-64-3           H-Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20 02:38         591-78-6           Hethylene Chloride         ND         ug/m3         2.1         0.088         0.5         04/29/20 02:38         108-10-1           Hethyl-2-pentanone (MIBK)         ND         ug/m3         1.8         0.050         0.5         04/29/20 02:38         108-10-1           Aethyl-ter-butyl ether         ND         ug/m3         1.8         0.050         0.5         04/29/20 02:38         17-0-3           Propanol         ND         ug/m3         0.18         0.049         0.5         04/29/20 02:38         15-07-1           Styrene         ND         ug/m3         0.43         0.21         0.5         04/29/20 02:38         10-42-5           1,2,2-Tetrachloroethane         ND         ug/m3         0.35         0.15         04/29/20 02:38         10-42-5           1,1,2,2-Trichloroethane         ND         ug/m3	4-Ethyltoluene	ND	ug/m3	1.2	0.21	0.5	04/2	29/20 02:38	622-96-8	
Hexane         ND         ug/m3         0.36         0.10         0.5         04/29/20 02:38         110-54-3           Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20 02:38         591-78-6           Aethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20 02:38         105-4-3           Aethyl-tert-butyl ether         ND         ug/m3         1.8         0.46         0.5         04/29/20 02:38         1634-04-4           Japhthalene         ND         ug/m3         1.3         0.64         0.5         04/29/20 02:38         1634-04-4           Japhthalene         ND         ug/m3         1.2         0.19         0.5         04/29/20 02:38         163-0-1           Propanol         ND         ug/m3         0.18         0.049         0.5         04/29/20 02:38         10-42-5           Styrene         ND         ug/m3         0.35         0.15         0.5         04/29/20 02:38         10-42-5           etracholoroethane         ND         ug/m3         0.34         0.13         0.5         04/29/20 02:38         109-99           Soluene         ND         ug/m3         0.38         0.086	n-Heptane	ND	ug/m3	0.42	0.098	0.5	04/2	29/20 02:38	142-82-5	
L-Hexanone         ND         ug/m3         2.1         0.17         0.5         04/29/20 02:38         591-78-6           /ethylene Chloride         ND         ug/m3         1.8         0.46         0.5         04/29/20 02:38         75-09-2           -Methyl-2-pentanone (MIBK)         ND         ug/m3         2.1         0.088         0.5         04/29/20 02:38         108-10-1           Athyl-tert-butyl ether         ND         ug/m3         1.8         0.050         0.4/29/20 02:38         103-40-4           Aphthalene         ND         ug/m3         1.2         0.19         0.5         04/29/20 02:38         67-63-0           Propanol         ND         ug/m3         0.18         0.049         0.5         04/29/20 02:38         100-42-5           1,2,2-Tetrachloroethane         ND         ug/m3         0.34         0.21         0.5         04/29/20 02:38         100-42-5           1,2,2-Tetrachloroethane         ND         ug/m3         0.35         0.15         0.5         04/29/20 02:38         109-99-9           Ouene         ND         ug/m3         0.34         0.13         0.5         04/29/20 02:38         108-83-3           1,2-Trichlorothane         ND         ug/m3	Hexachloro-1,3-butadiene	ND	ug/m3	2.7	0.62	0.5	04/2	29/20 02:38	87-68-3	
Methylene ChlorideNDug/m31.80.460.504/29/2002:3875-09-2I-Methyl-2-pentanone (MIBK)NDug/m32.10.0880.504/29/2002:38108-10-1Methyl-tert-butyl etherNDug/m31.80.0500.504/29/2002:381634-04-4MaphthaleneNDug/m31.20.190.504/29/2002:3897-63-0PropanolNDug/m30.180.0490.504/29/2002:3876-63-0PropyleneNDug/m30.180.0490.504/29/2002:38100-42-5StyreneNDug/m30.350.150.504/29/2002:38109-42-5EtrachloroethaneNDug/m30.360.0920.504/29/2002:38109-49-9FetrachloroethaneNDug/m30.380.0920.504/29/2002:38109-99-9FolueneNDug/m30.380.0920.504/29/2002:38109-99-9FolueneNDug/m30.380.0920.504/29/2002:38109-89-9FolueneNDug/m30.380.0920.504/29/2002:38109-89-9FolueneNDug/m30.380.0920.504/29/2002:38108-86-3,1,1-TrichloroethaneNDug/m30.270.110.504/29/2002:3875-66-4,1,2-TrichloroethaneND<	n-Hexane	ND	ug/m3	0.36	0.10	0.5	04/2	29/20 02:38	110-54-3	
Hethyl-2-pentanone (MIBK)         ND         ug/m3         2.1         0.088         0.5         04/29/20 02:38         108-10-1           Aethyl-tert-butyl ether         ND         ug/m3         1.8         0.050         0.5         04/29/20 02:38         1634-04-4           Aaphthalene         ND         ug/m3         1.2         0.19         0.5         04/29/20 02:38         91-20-3           Propanol         ND         ug/m3         1.2         0.19         0.5         04/29/20 02:38         15-07-1           Propanol         ND         ug/m3         0.43         0.21         0.5         04/29/20 02:38         10-42-5           Atyrene         ND         ug/m3         0.35         0.15         0.5         04/29/20 02:38         12-7.18-4           Vertachloroethane         ND         ug/m3         0.34         0.13         0.5         04/29/20 02:38         10-99-9           Oluene         ND         ug/m3         0.38         0.086         0.5         04/29/20 02:38         12-82-1           1,1-Trichloroethane         ND         ug/m3         0.86         0.5         04/29/20 02:38         79-01-6           1,12-Trichloroethane         ND         ug/m3         0.56	2-Hexanone	ND	ug/m3	2.1	0.17	0.5	04/2	29/20 02:38	591-78-6	
Methyl-tert-butyl etherNDug/m31.80.0500.504/29/2002:381634-04-4JaphthaleneNDug/m31.30.640.504/29/2002:3891-20-3PropanolNDug/m31.20.190.504/29/2002:3867-63-0PropleneNDug/m30.180.0490.504/29/2002:38115-07-1StyreneNDug/m30.430.210.504/29/2002:3810-42-551,2,2-TetrachloroethaneNDug/m30.340.130.504/29/2002:38127-18-4TetrachloroetheneNDug/m30.340.130.504/29/2002:38127-18-4TetrachloroetheneNDug/m30.300.0920.504/29/2002:38120-82-1JoleneNDug/m30.380.0660.504/29/2002:38120-82-1JoleneNDug/m30.380.760.504/29/2002:38120-82-1J,1-TrichloroethaneNDug/m30.280.0990.504/29/2002:38120-82-1J,1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3876-6-4J,2-Trichlorotifluoroethane <td>Methylene Chloride</td> <td>ND</td> <td>ug/m3</td> <td>1.8</td> <td>0.46</td> <td>0.5</td> <td>04/2</td> <td>29/20 02:38</td> <td>75-09-2</td> <td></td>	Methylene Chloride	ND	ug/m3	1.8	0.46	0.5	04/2	29/20 02:38	75-09-2	
NaphthaleneNDug/m31.30.640.504/29/2002:3891-20-3PropanolNDug/m31.20.190.504/29/2002:3867-63-0PropyleneNDug/m30.180.0490.504/29/2002:38115-07-1StyreneNDug/m30.430.210.504/29/2002:38100-42-5(1,2,2-TetrachloroethaneNDug/m30.350.150.504/29/2002:38127-18-4TetrachloroethaneNDug/m30.340.130.504/29/2002:38109-99-9FetrachloroethaneNDug/m30.300.0920.504/29/2002:38108-88-3JolueneNDug/m30.380.0860.504/29/2002:38108-88-3J,2,4-TrichlorobenzeneNDug/m33.81.70.504/29/2002:3812-82-1(1,1-TrichloroethaneNDug/m30.280.0990.504/29/2002:3812-82-1(1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-5TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4(1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3875-69-4(1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3875-69-4(1,2-Trichloroe	4-Methyl-2-pentanone (MIBK)	ND	ug/m3	2.1	0.088	0.5	04/2	29/20 02:38	108-10-1	
PropanolNDug/m31.20.190.504/29/2002:3867-63-0PropyleneNDug/m30.180.0490.504/29/2002:38115-07-1StyreneNDug/m30.350.150.504/29/2002:38100-42-5Attraction oethaneNDug/m30.350.150.504/29/2002:38127-18-4Veractior oethaneNDug/m30.340.130.504/29/2002:38127-18-4Veractior oethaneNDug/m30.300.0920.504/29/2002:38109-99-9OlueneNDug/m30.380.0860.504/29/2002:38109-99-9OlueneNDug/m30.380.0860.504/29/2002:38127-18-41,1-TrichloroethaneNDug/m30.360.0920.504/29/2002:38128-83-31,1,2-TrichloroethaneNDug/m30.560.0760.504/29/2002:38120-82-11,1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3870-0-51,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-41,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-13-11,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3876-13-11,2,-Trichlo	Methyl-tert-butyl ether	ND	ug/m3	1.8	0.050	0.5	04/2	29/20 02:38	1634-04-4	
PropyleneNDug/m30.180.0490.504/29/2002:38115-07-1StyreneNDug/m30.430.210.504/29/2002:38100-42-5,1,2,2-TetrachloroethaneNDug/m30.350.150.504/29/2002:3879-34-5etrachloroetheneNDug/m30.340.130.504/29/2002:38127-18-4etrachloroetheneNDug/m30.300.0920.504/29/2002:38109-99-9olueneNDug/m30.380.0860.504/29/2002:38108-88-3,2,4-TrichloroethaneNDug/m33.81.70.504/29/2002:3871-55-6,1,1-TrichloroethaneNDug/m30.260.0760.504/29/2002:3879-05-5richloroethaneNDug/m30.270.110.504/29/2002:3879-01-6richloroethaneNDug/m30.570.120.504/29/2002:3876-01-6richloroethaneNDug/m30.500.160.504/29/2002:3876-63-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-03-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-63-6,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3876-63-6,3,5-Trime	Naphthalene	ND	ug/m3	1.3	0.64	0.5	04/2	29/20 02:38	91-20-3	
NDug/m30.430.210.504/29/2002:38100-42-5,1,2,2-TetrachloroethaneNDug/m30.350.150.504/29/2002:3879-34-5TetrachloroethaneNDug/m30.340.130.504/29/2002:38127-18-4TetrahydrofuranNDug/m30.300.0920.504/29/2002:38109-99-9TolueneNDug/m30.380.0860.504/29/2002:38120-82-1,1,1-TrichloroethaneNDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.280.0990.504/29/2002:3879-00-5TrichloroethaneNDug/m30.270.110.504/29/2002:3876-94,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3876-94,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3876-94,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-94,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-94,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-94,1,2-TrinethylbenzeneNDug/m30.500.160.504/29/2002:3876-13-1,2,4-Trimeth	2-Propanol	ND	ug/m3	1.2	0.19	0.5	04/2	29/20 02:38	67-63-0	
1,2,2-TetrachloroethaneNDug/m30.350.150.504/29/2002:3879-34-5TetrachloroetheneNDug/m30.340.130.504/29/2002:38127-18-4TetrahydrofuranNDug/m30.300.0920.504/29/2002:38109-99-9TolueneNDug/m30.380.0860.504/29/2002:38108-88-3,2,4-TrichlorobenzeneNDug/m33.81.70.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3879-00-5TrichloroethaneNDug/m30.570.120.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3875-69-4,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3875-69-4,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.360.0880.504/29/2002:3810	Propylene	ND	ug/m3	0.18	0.049	0.5	04/2	29/20 02:38	115-07-1	
TetrachloroetheneNDug/m30.340.130.504/29/2002:38127-18-4TetrahydrofuranNDug/m30.300.0920.504/29/2002:38109-99-9TolueneNDug/m30.380.0860.504/29/2002:38108-88-3,2,4-TrichlorobenzeneNDug/m33.81.70.504/29/2002:38120-82-1,1,1-TrichloroethaneNDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3879-00-5TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3875-69-4,2,4-TrimethylbenzeneNDug/m30.500.120.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8,3,5-TrimethylbenzeneNDug/m30.360.0880.504/29/2002:38108-05-4/inyl acetateNDug/m30.130.0480.504/29/2002:3875-	Styrene	ND	ug/m3	0.43	0.21	0.5	04/2	29/20 02:38	100-42-5	
TetrahydrofuranNDug/m30.300.0920.504/29/2002:38109-99-9TolueneNDug/m30.380.0860.504/29/2002:38108-88-3,2,4-TrichlorobenzeneNDug/m33.81.70.504/29/2002:3871-55-6,1,1-TrichloroethaneNDug/m30.280.0990.504/29/2002:3879-00-5,1,2-TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3876-13-1,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.120.504/29/2002:3876-3-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8(inyl acetateNDug/m30.360.0880.504/29/2002:3875-01-4(inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.380.170.504/29/2002:3875-01-4 <td>1,1,2,2-Tetrachloroethane</td> <td>ND</td> <td>ug/m3</td> <td>0.35</td> <td>0.15</td> <td>0.5</td> <td>04/2</td> <td>29/20 02:38</td> <td>79-34-5</td> <td></td>	1,1,2,2-Tetrachloroethane	ND	ug/m3	0.35	0.15	0.5	04/2	29/20 02:38	79-34-5	
NDug/m30.380.0860.504/29/2002:38108-88-3,2,4-TrichlorobenzeneNDug/m33.81.70.504/29/2002:38120-82-1,1,1-TrichloroethaneNDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.280.0990.504/29/2002:3879-00-5TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:3875-01-4	Tetrachloroethene	ND	ug/m3	0.34	0.13	0.5	04/2	29/20 02:38	127-18-4	
NDNDug/m33.81.70.504/29/2002:38120-82-1,1,1-TrichloroethaneNDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.280.0990.504/29/2002:3879-00-5TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.500.160.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:3875-01-4	Tetrahydrofuran	ND	ug/m3	0.30	0.092	0.5	04/2	29/20 02:38	109-99-9	
NDug/m30.560.0760.504/29/2002:3871-55-6,1,2-TrichloroethaneNDug/m30.280.0990.504/29/2002:3879-00-5TrichloroethaneNDug/m30.270.110.504/29/2002:3879-01-6TrichloroethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichloroethaneNDug/m30.570.120.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:3875-01-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.360.0880.504/29/2002:3875-01-4	Toluene	ND	ug/m3	0.38	0.086	0.5	04/2	29/20 02:38	108-88-3	
NDug/m30.280.0990.504/29/2002:3879-00-5TrichloroetheneNDug/m30.270.110.504/29/2002:3879-01-6TrichlorofluoromethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichlorotifluoroethaneNDug/m30.780.130.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	1,2,4-Trichlorobenzene	ND	ug/m3	3.8	1.7	0.5	04/2	29/20 02:38	120-82-1	
NDug/m30.270.110.504/29/2002:3879-01-6TrichlorofluoromethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichlorotrifluoroethaneNDug/m30.780.130.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	1,1,1-Trichloroethane	ND	ug/m3	0.56	0.076	0.5	04/2	29/20 02:38	71-55-6	
TrichlorofluoromethaneNDug/m30.570.120.504/29/2002:3875-69-4,1,2-TrichlorotrifluoroethaneNDug/m30.780.130.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8(inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4(inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	1,1,2-Trichloroethane	ND	ug/m3	0.28	0.099	0.5	04/2	29/20 02:38	79-00-5	
NDug/m30.780.130.504/29/2002:3876-13-1,2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	Trichloroethene	ND	ug/m3	0.27	0.11	0.5	04/2	29/20 02:38	79-01-6	
Y2,4-TrimethylbenzeneNDug/m30.500.160.504/29/2002:3895-63-6,3,5-TrimethylbenzeneNDug/m30.500.120.504/29/2002:38108-67-8/inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4/inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	Trichlorofluoromethane	ND	ug/m3	0.57	0.12	0.5	04/2	29/20 02:38	75-69-4	
NDug/m30.500.120.504/29/2002:38108-67-8(inyl acetateNDug/m30.360.0880.504/29/2002:38108-05-4(inyl chlorideNDug/m30.130.0480.504/29/2002:3875-01-4n&p-XyleneNDug/m30.880.170.504/29/2002:38179601-23-1	1,1,2-Trichlorotrifluoroethane	ND	ug/m3	0.78	0.13	0.5	04/2	29/20 02:38	76-13-1	
Vinyl acetate         ND         ug/m3         0.36         0.088         0.5         04/29/20         02:38         108-05-4           Vinyl chloride         ND         ug/m3         0.13         0.048         0.5         04/29/20         02:38         75-01-4           n&p-Xylene         ND         ug/m3         0.88         0.17         0.5         04/29/20         02:38         179601-23-1	1,2,4-Trimethylbenzene	ND	ug/m3	0.50	0.16	0.5	04/2	29/20 02:38	95-63-6	
Vinyl chloride         ND         ug/m3         0.13         0.048         0.5         04/29/20         02:38         75-01-4           n&p-Xylene         ND         ug/m3         0.88         0.17         0.5         04/29/20         02:38         179601-23-1	1,3,5-Trimethylbenzene	ND	ug/m3	0.50	0.12	0.5	04/2	29/20 02:38	108-67-8	
n&p-Xylene ND ug/m3 0.88 0.17 0.5 04/29/20 02:38 179601-23-1	Vinyl acetate	ND	ug/m3	0.36	0.088	0.5	04/2	29/20 02:38	108-05-4	
	Vinyl chloride	ND	ug/m3	0.13	0.048	0.5	04/2	29/20 02:38	75-01-4	
-Xylene ND ug/m3 0.44 0.074 0.5 04/29/20 02:38 95-47-6	m&p-Xylene	ND	ug/m3	0.88	0.17	0.5	04/2	29/20 02:38	179601-23-1	
	o-Xylene	ND	ug/m3	0.44	0.074	0.5	04/2	29/20 02:38	95-47-6	



### **QUALITY CONTROL DATA**

QC Batch: 674803 QC Batch Method: TO-15		Analysis M		TO-15 TO15 MSV				
QC Batch Method. TO-15		Analysis De						lie
Associated Lab Samples: 1051736	64001	Laboratory		Pace Analy	lical Se		neapo	115
METHOD BLANK: 3612978		Matrix	c: Air					
Associated Lab Samples: 1051736	64001							
		Blank	Reportin	g				
Parameter	Units	Result	Limit	MC	L	Analyz	ed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	NE	)	0.81	0.12	05/12/20	08:18	
Tetrachloroethene	ug/m3	NE		0.69	0.27	05/12/20		
trans-1,2-Dichloroethene	ug/m3	NE	)	0.81	0.17	05/12/20	08:18	
Trichloroethene	ug/m3	NE	)	0.55	0.22	05/12/20	08:18	
Vinyl chloride	ug/m3	NE	)	0.26	0.096	05/12/20	08:18	
LABORATORY CONTROL SAMPLE:	3612979							
		Spike	LCS	LCS		% Rec		
Parameter	Units	Conc.	Result	% Rec		Limits	Qua	alifiers
cis-1,2-Dichloroethene	ug/m3	41.6	45.4	10	9	70-132		_
Fetrachloroethene	ug/m3	71	71.8	10	1	70-136		
rans-1,2-Dichloroethene	ug/m3	42.2	46.4	11	0	70-132		
richloroethene	ug/m3	56.3	62.6	11	1	70-132		
/inyl chloride	ug/m3	26.7	30.2	11	3	68-141		
SAMPLE DUPLICATE: 3613319								
		10517364001	Dup			Max		
Parameter	Units	Result	Result	RP	D	RPD		Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	)	.61J			25	
Tetrachloroethene	ug/m3	4.9	)	4.9	0		25	
rans-1,2-Dichloroethene	ug/m3	NE	)	ND			25	
Trichloroethene	ug/m3	33.1		34.2	3		25	
Vinyl chloride	ug/m3	NE	)	ND			25	
SAMPLE DUPLICATE: 3613320								
		10517246002	•			Max		
Parameter	Units	Result	Result		D	RPD		Qualifiers
cis-1,2-Dichloroethene	ug/m3	NE		ND			25	
etrachloroethene	ug/m3	NE		ND			25	
rans-1,2-Dichloroethene	ug/m3	NE		ND			25	
Trichloroethene	ug/m3 ug/m3	NE NE		9.2J			25	
Vinyl chloride			1	ND			25	

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

### **REPORT OF LABORATORY ANALYSIS**

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



### QUALIFIERS

Project: 20-0317-01E Crossroads Recycli

Pace Project No.: 10517364

#### DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

**DUP - Sample Duplicate** 

**RPD** - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:20-0317-01E Crossroads RecycliPace Project No.:10517364

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10517364001	Office - 1 Month	TO-15	674803		
10517364002	Office - 1 Month Cert#0801	TO-15	674528		

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	A		Act	her							2											SN	N/A)	N/A	N/A	N/A	iosini sel	Iqme2
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WU# : 1051/364	Page:		L	RCR	Reporting Units ug/m <sup>3</sup> mg/m <sup>3</sup>	PPBV Other	Other	Line Payeun	9410/151	D-12 24041		>						1				PLE CO	N'Y	N/A	N/A	N/A	no bevie eol	
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1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

FC046Rev.01, 03Feb2010

		$\sim$			Docum Air Sample Cond	ent Name: lition Upon	Receipt	Doc	ument Revised: Page 1 of		
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Project Man	ager Review:	Caroly	me ha	t			Date: 5	/8/20		Page	13 of 13
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Pace Analytical Services, LLC 1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

June 04, 2020

James Cody Patriot Engineering 6330 East 75th. St. Indianapolis, IN 46250

RE: Project: 20-0317-01E CROSSROADS RECYCLI Pace Project No.: 10519823

Dear James Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on June 01, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Minneapolis

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

Sincerely,

Carolynne Tract

Carolynne Trout carolynne.trout@pacelabs.com 1(612)607-6351 Project Manager

Enclosures

cc: Mike Casper, Patriot Engineering





Pace Analytical Services, LLC 1700 Elm Street - Suite 200 Minneapolis, MN 55414 (612)607-1700

### CERTIFICATIONS

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

#### Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01 Alabama Certification #: 40770 Alaska Contaminated Sites Certification #: 17-009 Alaska DW Certification #: MN00064 Arizona Certification #: AZ0014 Arkansas DW Certification #: MN00064 Arkansas WW Certification #: 88-0680 California Certification #: 2929 CNMI Saipan Certification #: MP0003 Colorado Certification #: MN00064 Connecticut Certification #: PH-0256 EPA Region 8+Wyoming DW Certification #: via MN 027-053-137 Florida Certification #: E87605 Georgia Certification #: 959 Guam EPA Certification #: MN00064 Hawaii Certification #: MN00064 Idaho Certification #: MN00064 Illinois Certification #: 200011 Indiana Certification #: C-MN-01 Iowa Certification #: 368 Kansas Certification #: E-10167 Kentucky DW Certification #: 90062 Kentucky WW Certification #: 90062 Louisiana DEQ Certification #: 03086 Louisiana DW Certification #: MN00064 Maine Certification #: MN00064 Marvland Certification #: 322 Massachusetts Certification #: M-MN064 Massachusetts DWP Certification #: via MN 027-053-137 Michigan Certification #: 9909 Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certifcation #: via MN 027-053-137 Minnesota Petrofund Certification #: 1240 Mississippi Certification #: MN00064 Missouri Certification #: 10100 Montana Certification #: CERT0092 Nebraska Certification #: NE-OS-18-06 Nevada Certification #: MN00064 New Hampshire Certification #: 2081 New Jersey Certification #: MN002 New York Certification #: 11647 North Carolina DW Certification #: 27700 North Carolina WW Certification #: 530 North Dakota Certification #: R-036 Ohio DW Certification #: 41244 Ohio VAP Certification #: CL101 Oklahoma Certification #: 9507 Oregon Primary Certification #: MN300001 Oregon Secondary Certification #: MN200001 Pennsylvania Certification #: 68-00563 Puerto Rico Certification #: MN00064 South Carolina Certification #:74003001 Tennessee Certification #: TN02818 Texas Certification #: T104704192 Utah Certification #: MN00064 Vermont Certification #: VT-027053137 Virginia Certification #: 460163 Washington Certification #: C486 West Virginia DEP Certification #: 382 West Virginia DW Certification #: 9952 C Wisconsin Certification #: 999407970 Wyoming UST Certification #: via A2LA 2926.01



### SAMPLE SUMMARY

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10519823001	MAY MONTHLY SAMPLE OFFICE	Air	05/27/20 13:57	06/01/20 12:00
10519823002	MAY MONTHLY SAMPLE OFFICE CERT	Air	05/27/20 13:57	06/01/20 12:00



### SAMPLE ANALYTE COUNT

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10519823001	MAY MONTHLY SAMPLE OFFICE	TO-15	MG2	5
10519823002	MAY MONTHLY SAMPLE OFFICE CERT	TO-15	MG2	5

PASI-M = Pace Analytical Services - Minneapolis



### **PROJECT NARRATIVE**

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

Method:TO-15Description:TO15 MSV AIRClient:Patriot Engineering-INDate:June 04, 2020

### General Information:

1 sample was analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

#### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

#### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

#### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

#### **Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

#### Additional Comments:



### **PROJECT NARRATIVE**

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

Method:TO-15Description:Individual Can CertificationClient:Patriot Engineering-INDate:June 04, 2020

#### **General Information:**

1 sample was analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

#### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank: All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

#### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



### ANALYTICAL RESULTS

### Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

Sample: MAY MONTHLY SAMPLE OFFICE	Lab ID:	10519823001	Collected	d: 05/27/20	0 13:57	Received: 06/	01/20 12:00 Ma	atrix: Air	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical	Method: TO-15							
	Pace Anal	lytical Services	- Minneapo	lis					
cis-1,2-Dichloroethene	ND	ug/m3	1.3	0.19	1.64		06/02/20 18:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	0.27	1.64		06/02/20 18:56	156-60-5	
Tetrachloroethene	ND	ug/m3	1.1	0.44	1.64		06/02/20 18:56	127-18-4	
Trichloroethene	2.5	ug/m3	0.90	0.36	1.64		06/02/20 18:56	79-01-6	
Vinyl chloride	ND	ug/m3	0.43	0.16	1.64		06/02/20 18:56	75-01-4	
viriyi chionde	ND	aginto							
Sample: MAY MONTHLY SAMPLE		10519823002	Collected	d: 05/27/20	0 13:57	Received: 06/	01/20 12:00 Ma	atrix: Air	
·		5	Collected	d: 05/27/20	0 13:57	Received: 06/	01/20 12:00 Ma	atrix: Air	
Sample: MAY MONTHLY SAMPLE		5		d: 05/27/20 MDL	0 13:57 DF	Received: 06/	01/20 12:00 Ma	atrix: Air CAS No.	Qual
Sample: MAY MONTHLY SAMPLE OFFICE CERT	Lab ID: Results	10519823002	Collected Report Limit						Qual
Sample: MAY MONTHLY SAMPLE OFFICE CERT Parameters	Lab ID: Results Analytical	10519823002 Units	Collected Report Limit	MDL					Qual
Sample: MAY MONTHLY SAMPLE OFFICE CERT Parameters	Lab ID: Results Analytical	Units Method: TO-15	Collected Report Limit	MDL				CAS No.	Qual
Sample: MAY MONTHLY SAMPLE OFFICE CERT Parameters Individual Can Certification cis-1,2-Dichloroethene	Lab ID: Results Analytical Pace Anal	Units Method: TO-15 lytical Services	Collected Report Limit	MDL	DF		Analyzed	CAS No. 156-59-2	Qua
Sample: MAY MONTHLY SAMPLE OFFICE CERT Parameters Individual Can Certification	Lab ID: Results Analytical Pace Anal ND	Units Units Method: TO-15 lytical Services ug/m3	Collected Report Limit - Minneapo 0.40	MDL lis 0.058	DF0.5		Analyzed	CAS No. 156-59-2 156-60-5	Qua
Sample: MAY MONTHLY SAMPLE OFFICE CERT Parameters Individual Can Certification cis-1,2-Dichloroethene trans-1,2-Dichloroethene	Lab ID: Results Analytical Pace Anal ND ND	Units Units Method: TO-15 lytical Services ug/m3 ug/m3	Collected Report Limit - Minneapo 0.40 0.40	MDL lis 0.058 0.084	DF 0.5 0.5		Analyzed 05/18/20 13:50 05/18/20 13:50	CAS No. 156-59-2 156-60-5 127-18-4	Qua



### **QUALITY CONTROL DATA**

QC Batch: 678662 QC Batch Method: TO-15		Analysis Me Analysis De Laboratory:	escription:		5 MSV AIR Lov Analytical Se		ineapo	lis
Associated Lab Samples: 1051982	3001							
METHOD BLANK: 3631812		Matrix	:: Air					
Associated Lab Samples: 10519823	3001							
Parameter	Units	Blank Result	Reportin Limit	g 	MDL	Analyz	zed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	(	).40	0.058	06/02/20	08:37	
Tetrachloroethene	ug/m3	ND	) (	).34	0.13	06/02/20	08:37	
trans-1,2-Dichloroethene	ug/m3	ND		).40	0.084	06/02/20		
Trichloroethene	ug/m3	ND		).27	0.11	06/02/20		
Vinyl chloride	ug/m3	ND	) (	).13	0.048	06/02/20	08:37	
LABORATORY CONTROL SAMPLE:	3631813							
Parameter	Units	Spike Conc.	LCS Result	LC % R		6 Rec ₋imits	Qua	lifiers
cis-1,2-Dichloroethene	ug/m3	41.6	44.8		108	70-132		
Tetrachloroethene	ug/m3	71	68.3		96	70-136		
rans-1,2-Dichloroethene	ug/m3	42.2	44.8		106	70-132		
Trichloroethene	ug/m3	56.3	59.9		106	70-132		
Vinyl chloride	ug/m3	26.7	28.7		107	68-141		
SAMPLE DUPLICATE: 3632987								
		10519726049	Dup			Max		
Parameter	Units	Result	Result		RPD	RPD		Qualifiers
cis-1,2-Dichloroethene	ug/m3	<1.2		ND	· ·		25	
Tetrachloroethene	ug/m3	<1.1		ND			25	
trans-1,2-Dichloroethene	ug/m3	<1.2		ND			25	
Trichloroethene	ug/m3	<0.85		ND			25	
Vinyl chloride	ug/m3	<0.40	)	ND			25	
SAMPLE DUPLICATE: 3632988								
		10519726047	Dup			Max		
Parameter	Units	Result	Result		RPD	RPD		Qualifiers
is-1,2-Dichloroethene	ug/m3	<1.2		ND			25	
etrachloroethene	ug/m3	<1.1		ND			25	
rans-1,2-Dichloroethene	ug/m3	<1.2		ND			25	
Trichloroethene	ug/m3	<0.85		ND			25	
Vinyl chloride	ug/m3	<0.40	1	ND			25	

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

### **REPORT OF LABORATORY ANALYSIS**

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### QUALIFIERS

Project: 20-0317-01E CROSSROADS RECYCLI

Pace Project No.: 10519823

#### DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

**RPD - Relative Percent Difference** 

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:20-0317-01E CROSSROADS RECYCLIPace Project No.:10519823

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10519823001	MAY MONTHLY SAMPLE OFFICE	TO-15	678662		
10519823002	MAY MONTHLY SAMPLE OFFICE CERT	TO-15	678665		

	travs-occ	RELINQUISHED BY / AFFILLATION DATE TIME ACCEPTED 2: Y AFFILLATION DATE TIME SAMPLE CONDITION SAMES CODY (PATRLOA SB2) ab 16:45 MM (May FTCLE 6/20 1200 3 3 3		SAMPLE OTACE LLC S/37/2012:35/37/2013:57-30-5 23171219	Teller Bag Teller Bag Teller Summe can to a Liter Summe can to be volume Part the Summe can to a Liter Summe can to a Liter Summe can to be volume Part be volume Par	Valei Madia Codes 20-20714-016 Total Transmission 35/9 % Report Level II. III.	Project Name: CROSPERIONS PECTICING Pace Project Manager/Sales Rep. Project Number: 20 21 21 21 Pace Profile #:	Purchase Order No.: Pace Quote Reference:	UNGINERING report to SAMES CON Attention: ARE PRÉCIPENDE Program 354 56 COPY To: MIKE CASPER COMPANY Name: Company Name:	on: Section B Section C Required Project Information: Invoice Information:	The Chain-of-Custody is a LEGAL DOCUMENT. All rel	47170 Program Superfund Temissio State Multiple State Multiple State Multiple State Multiple State Multiple State State State State State State State State State State State State State State State State	Flow Number Number	ACCORPTED D: / AFF	ATER AND SIGNATURE	Section C Invoice Information: Attention: Company Name: Company Name: Address: Pace Profile #: COLLECTED	PID Reading (Client only) PID Reading (Client o		Section A Required Client Internation: Required Client Internation Address: 61 20 E 359 St Internation Matheward Dispersion Provide Address Internation France of the Address Computed Client Internation All Sample IDS MUST BE UNIQUE Sample IDS MUST BE UNIQUE ADD ADD ADD ADD ADD ADD ADD ADD ADD ADD
Apo	N/A N/A N/A	CONDITION		Pace La		ler	mgm mgm	RCRA I Other	Clean Air Act		H		Program Superfund T Emissio State M II. III. Dy Clean 1 State M II. III. N TIME SAMP	F     UST     F     Superfund     T     Emissio       F     UST     F     Superfund     T     Emissio       F     Voluntary Clean Up     T     Dry Clean     T       Location of     Sampling by State     M     M       Robort Level     II.     II.     N       Method:     E     E     E       Method:     E     E     E       DATE     TIME     SAMP	Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Program Pro	Routing     Program       Routing     Calified Plote     Program       Routing     Standard     False fund       System     Standard     Routing       System     Standard     Routing       System     Routing     Routing       Society     Standard     Routing	Company Turner     Program       Moteos:     Fuest Catogram       Presonant     Summa       Presonant     Summa       Presonant     Controls       Presonant     Presonant       Presonant     Presonant <t< td=""><td>SERVE     Company function     Program       Description     Autors     Company function       Autors     Autors     Autors       Autors     Autors     Autors</td><td>MIKE     Control Processing     Program       MIKE     Control Processing     Control Processing       MIKE     Control Processing     Processing       Mike     Processing     Procesing</td></t<>	SERVE     Company function     Program       Description     Autors     Company function       Autors     Autors     Autors       Autors     Autors     Autors	MIKE     Control Processing     Program       MIKE     Control Processing     Control Processing       MIKE     Control Processing     Processing       Mike     Processing     Procesing

FC046Rev.01, 03Feb2010

2	Vicial <sup>®</sup>	-	Documen Air Sample Conditi		Do	cument Revised: Page 1 of		
Pace Analyl	icai		Docume F-MN-A-10			Pace Analytical S Minneapo		
	Tati JUPS JSpeedee 542	-idt DUSPS Comm 7152	Proje	PM: C	#:105	<b>1982</b> We Date:		-
Custody Seal on Cooler/Box Present?	Yes		Seals Intact?	⊥ □Yes ⊠No □Tin Can □Ot		Temp	Blank rec: [	Yes Xind
Temp. (TO17 and TO13 samples only) (°C): Temp should be above freezing to 6°C Co Type of ice Received Blue Wet	prrection Facto	Corrected Ten	np (°C):	 Date & Initials o	Thermome f Person Examinin		G87A9170 G87A9155 C/20 M	
						Comments:		
Chain of Custody Present?			Yes No	1.				
Chain of Custody Filled Out? Chain of Custody Relinguished?		7	Yes No	2.				-
Sampler Name and/or Signature on COC?			Yes No	3. □N/A 4.				
Samples Arrived within Hold Time?		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Yes No	<u>N/A</u> 4. 5.				
Short Hold Time Analysis (<72 hr)?	3		Yes No	6. 5	Day			
Rush Turn Around Time Requested?			Yes XNo	7.	1			
Sufficient Volume?  Correct Containers Used?		×	Yes 🗌 No	8.			_	
(Tedlar bags not acceptable contain TO-15 or APH) -Pace Containers Used? Containers Intact?	ner for TO-:	X	¥es □No Yes □No	9.		1	- 1	
(visual inspection no leaks when p Media: Air Can Airbag Is sufficient information available to recor	Filter	TDT	Ves 🔲 No Passive	10.	Individually Certil	fied Cans	100	20 M_ ch samples
the COC?	iene samples		Yes 🔲 No	12.				
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or AST	M 1946!!!)	X	¥es ∐No	13.				
	Gauge # [	7 10AIR26	10AIR34	10AIR35	□4097			
Canis			X			nistore		-
Cana	Flow	Initial	Final			nisters Flow	Initial	Final
Sample Number Can ID lay Monthly Simple Office 3317	Controller 1319	Pressure	Pressure +5	Sample Number	Can ID	Controller	Pressure	Pressure
		<u>.</u>						
CLIENT NOTIFICATION/RESOLUTION				Data /Time	Field Data	Required? [	Yes No	
				Date/Time:				
Person Contacted:						1		