

From: Schultz, Josie M - DNR
Sent: Wednesday, March 23, 2022 5:16 PM
To: Rob Hoverman
Cc: Rebecca Brown
Subject: RE: 1404 Webster Results

Rob,

Thank you for sending these results over, and this is great news for the first round of sampling. DNR is in the midst of updating RR-800, and with the update is going to be an emphasis on performing passive vapor sampling over a period of a week or more rather than summa canister sampling, and I highly recommend passive sampling be performed for this next round. The next round of sampling should also include a groundwater sample from the sump along with sealed sump headspace sample if sump(s) are present.

Feel free to give me a call to discuss passive sampling. This is a fairly new procedure, but it is what DHS and I had performed at the neighboring daycare. Below are the options that DNR has found for passive sampling:

1. Assay [525 TraceAir® II Organic Vapor Monitor](#) (sample DHS uses)
 - a. Uses two certified labs for analysis
2. [Beacon Environmental - Global Leader in Soil Gas and Ambient Air Testing \(beacon-usa.com\)](#)
 - a. Get sampler from Beacon, and Beacon performs the analysis
3. [Waterloo Membrane Sampler™ \(WMS™\) – SiREM \(siremlab.com\)](#)
 - a. Eurofins lab in CA for analysis
4. Pace Analytical may also offer passive samplers with TO-17 analysis, however DNR has not been in contact with them

In general, passive sampling is a much better option as it's much more discreet, doesn't take up the amount of space summa canisters do, and captures the variabilities in vapors within a building over a longer duration of time. DNR has also heard that summa canisters can take weeks to months to obtain, while these can be obtained in a much more timely manner.

Thanks,
Josie

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Josie Schultz

Cell Phone: (920) 366-5685

Josie.Schultz@Wisconsin.gov



From: Rob Hoverman <rhoverman@enviroforensics.com>
Sent: Wednesday, March 23, 2022 4:48 PM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Cc: Rebecca Brown <rbrown@enviroforensics.com>
Subject: 1404 Webster Results

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Josie,

We will be uploading the attached results tomorrow. I just received the outstanding access agreement so we will be able to do the sampling in the next week or two. The owner of 930 Derby will have his results mailed while the others were email this afternoon.

Let me know if you have any questions.

Regards,

Rob Hoverman, Northern Midwest Regional Director

EnviroForensics® | N16W23390 Stone Ridge Dr, Suite G, Waukesha, WI 53188
414.630.0060 | enviroforensics.com

CONFIDENTIALITY DISCLAIMER: The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party without written consent of the sender. If you received this message in error, please notify the sender and delete the message.



March 18, 2022

Robert Priess
You Are My Sunshine Day Care
1324 S Webster Avenue
Green Bay, Wisconsin 54301

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-05-514372

Dear Mr. Priess:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 1324 S Webster Avenue in Green Bay, Wisconsin. Indoor air, sub-slab vapor and groundwater samples were collected on February 23 and 24, 2022. The sampling activities are part of an environmental investigation being performed for the former Econo-Care Cleaners facility located at 1404 S Webster Avenue in Green Bay at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Econo-Care Cleaners (former)
1404 S Webster Avenue
Green Bay, WI

Sampling Results

Two indoor air samples were collected from within your business, 200030-1324 Webster-IA-1 and 200030-1324 Webster-IA-2. Additionally, two (2) sub-slab vapor samples (200030-1324 Webster-SSV-1 and 200030-1324 Webster-SSV-2) were collected from beneath the floor of your building. The sampling locations are depicted on the attached **Figure 1**. The results of the indoor air and vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory report that relates to the indoor air and vapor samples is also attached.

PCE was detected in sub slab vapor sample 200030-1324 Webster-SSV-2; however the concentration was below the respective Vapor Risk Screening Levels established for small commercial buildings. None of the remaining indoor air or sub-slab vapor samples contained detections of chemicals of concern.

Three groundwater samples were collected from the monitoring wells located on your property (MW-4, MW-5 and MW-6). The monitoring well locations are depicted on the attached **Figure 2**.

The results of the groundwater samples are summarized and compared to WDNR standards on the attached **Table 2**. A copy of the laboratory report that relates to the groundwater sample is also attached.

At this time there is not a vapor risk to your building. We will contact you to to schedule the next sampling event, if needed. Groundwater monitoring will continue periodically. If you have any questions or concerns, please contact us at 262-510-0612 or by email at rhoverman@enviroforensics.com. The WDNR project manager, Josie Schultz, can be reached at 920-366-5685. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

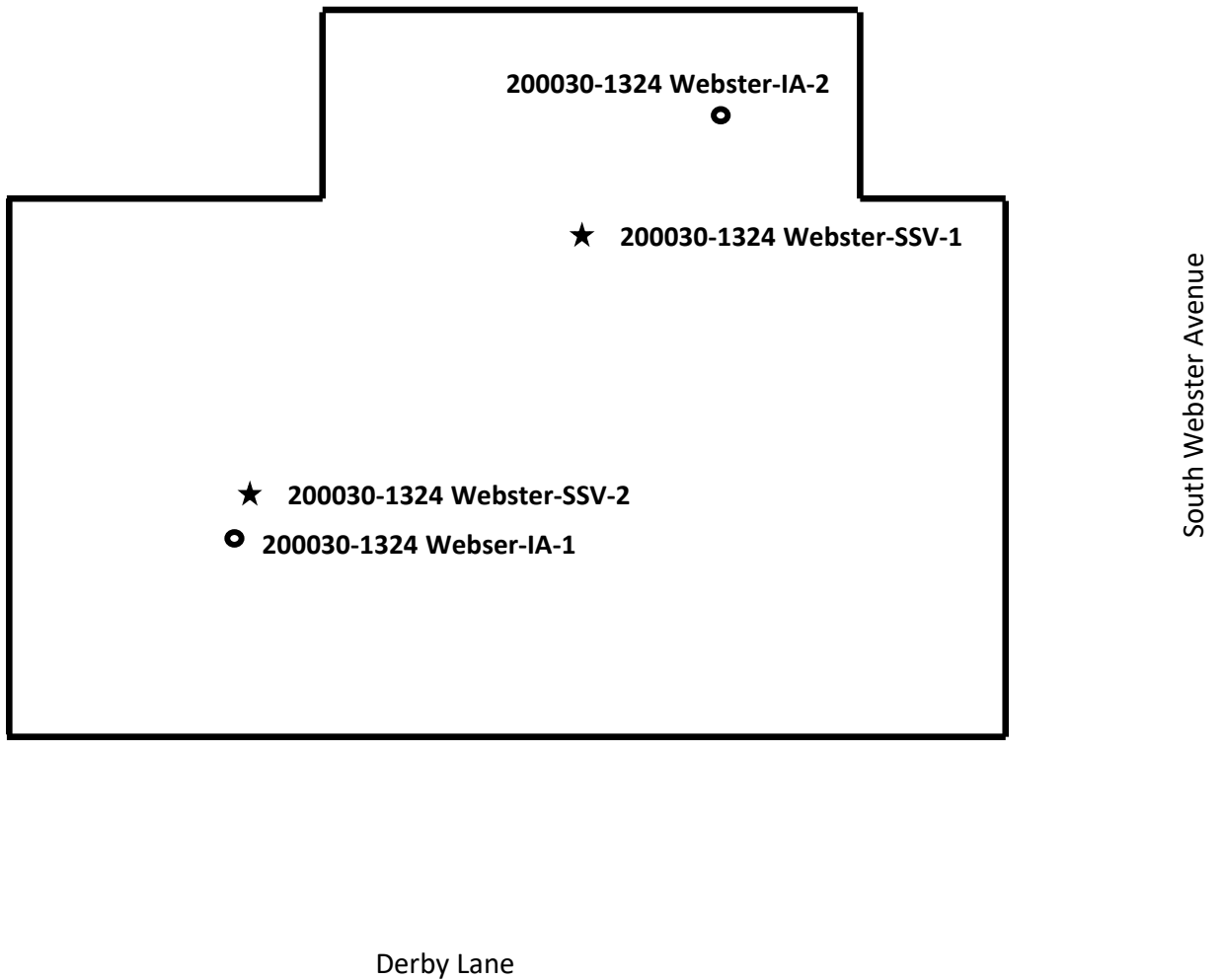
Rob Hoverman, PG
Senior Project Manager

Copy: Josie Schultz, Wisconsin Department of Natural Resources

Attachments:

Figure 1 – Vapor Intrusion Sample Locations
Figure 2 – Monitoring Well Locations
Table 1 – Vapor Intrusion Analytical Results
Table 2 – Groundwater Analytical Results
Laboratory Analytical Report Excerpt

FIGURE 1
VAPOR INTRUSION SAMPLE LOCATIONS
1324 South Webster Avenue, Green Bay, Wisconsin





Legend

- = Indoor Air Sample Location
- IA-1 = Indoor Air Sample
- SSV-1 = Sub-Slab Vapor
- ★ = Sub-Slab Vapor Sampling Port Location





Legend

-  Property boundary
-  MW-1 Monitoring Well (By Others)

MONITORING WELL LOCATION MAP

1404 South Webster Avenue
Green Bay, Wisconsin

Date:	12/2/21
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	200030-0041



825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure	2
Project	200030

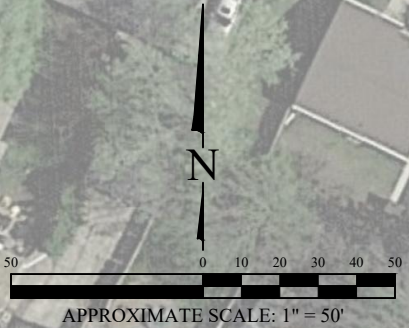


TABLE 1
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY

Former Econo Care Cleaners
1404 South Webster Avenue, Wisconsin

Address	Sample Identification	Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1 Dichloroethane	1, 1, 1-Trichloroethane
INDOOR/OUTDOOR AIR										
Small Commercial Vapor Action Level				180	8.8	NE	180	28	77	22,000
1324 S Webster	IA-1/AMB-1	Zone 1	8/19/2021	<0.278	<0.237	<0.197	<0.231	<0.148	<0.187	<0.249
			2/23/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	IA-2/AMB-2	Zone 4	8/19/2021	<0.278	<0.237	<0.197	<0.231	<0.148	<0.187	<0.249
			2/23/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	Kitchen	Kitchen	9/16/2021	<2.3	<1.9	NA	NA	NA	NA	NA
	Play Area	Play Area	9/16/2021	<2.3	<1.9	NA	NA	NA	NA	NA
Outdoor	Outdoor	9/16/2021	<2.3	<1.9	NA	NA	NA	NA	NA	
SUB-SLAB VAPOR										
Small Commercial Vapor Risk Screening Level				5,800	290	NE	5,800	930	2,600	730,000
1324 S Webster	SSV-1/VP-1	Between Zone 3 & 4	8/19/2021	3.5	<0.237	<0.197	<0.231	<0.148	2.24	<0.249
			2/23/2022	<31.9	<10.7	<198	<396	<12.8	<40.5	<5460
	SSV-2/VP-2	Between Zone 1 & 2	8/19/2021	0.61 J	<0.237	<0.197	<0.231	<0.148	<0.187	<0.249
			2/23/2022	133	<10.7	<198	<396	<12.8	<40.5	<5460

Notes:

Vapor Action and Risk Screening Levels are calculated according to WDNR Publication RR-800 and subsequent vapor intrusion guidance

Results reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Samples analyzed according to EPA Method TO-15

NE = Screening/action level not established

Bolded values are above detection limits

Bolded and shaded values exceed the applicable screening or action level

TABLE 2
GROUNDWATER ANALYTICAL DATA

Former Econo Care Cleaners
1404 S Webster Avenue, Green Bay, Wisconsin

Monitoring Well Sample ID	Screened Interval (feet bgs)	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	Ethylbenzene	Naphthalene	Toluene	Trimethylbenzenes	Xylenes (Total)	Lead
Enforcement Standard			5	5	70	100	0.2	5	700	100	800	480	2,000	15
Preventive Action Limit			0.5	0.5	7	20	0.02	0.5	140	10	160	96	400	1.5
MW-4	17-32	01/31/17	31.1	<0.45	<0.41	<0.35	<0.19	<0.17	<0.2	<2.17	<0.67	<2.05	<1.95	<0.8
		04/20/17	45	<0.45	<0.41	<0.35	<0.19	<0.17	<0.2	<2.17	<0.67	<2.05	<1.95	<4.5
		05/30/18	93	0.76 J	1.07	1.02	<0.2	<0.22	<0.26	<2.1	<0.19	<1.43	<0.72	NS
		11/26/18	96	1.91	1.59	1.97	<0.2	0.28	<0.26	<2.1	<0.19	<1.43	<0.72	NS
		02/23/22	48	2.12	2.01	1.33 J	<0.15	<0.3	<0.33	<1.4	<0.33	<0.76	<1.01	NS
MW-5	18-28	01/31/17	16.4	16.4	26	54	<0.95	5.5	94	82	10.7	418	404	<0.8
		04/20/17	13.4 J	9.2	24.4	62	<1.9	2.2 J	94	76	9.2 J	256	211	<4.5
		05/30/18	<3.8	<3	85	4.1	<2	<2.2	86	75	11.9	428	298	NS
		11/26/18	3.8 J	<1.5	76	5.0	<1	1.55 J	104	80	10.9	709	556	NS
		02/23/22	1.72 J	1.03 J	47	7.1	<0.15	0.79 J	69	44	7.8	478	239.9	NS
MW-6	20-30	01/31/17	122	78	35	66	0.28 J	1.86	0.4	<2.17	<0.67	<2.05	<1.95	<0.8
		04/20/17	126	79	41	73	0.55 J	14.7	57	<2.17	58	23.01	106.4	<4.5
		05/30/18	115	132	57	127	0.64 J	6.6	58	8.9	41	61	176.8	NS
		11/26/18	55	93	45	89	0.44 J	26.7	178	65	195	238	521	NS
		02/23/22	185	202	35	66	0.42 J	0.63 J	0.85 J	<1.4	<0.33	0.65 J	<1.01	NS

Notes:

See Site Investigation Report dated March 28, 2019 for complete sample results collected prior to 2022

µg/L = micrograms per liter

Samples analyzed using EPA SW-846 Method 8260

Bolded values are above detection limits

Bolded and orange shaded values are above Public Health Enforcement Standards

Bolded and blue shaded values are above Public Health Preventive Action Limits

Samples/constituents not shown are below laboratory reporting limits

bgs = below ground surface

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

NS= Not Sampled

Project Name ECONO CARE
 Project # 200030

Invoice # E40567

Lab Code 5040567D
 Sample ID 200030 MW-4
 Sample Matrix Water
 Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		3/8/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		3/8/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		3/8/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		3/8/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		3/8/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		3/8/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		3/8/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		3/8/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		3/8/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		3/8/2022	CJR	1
Chloroform	< 0.33	]	0.33	1.33	1	8260B		3/8/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	30.3	1	8260B		3/8/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		3/8/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		3/8/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		3/8/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		3/8/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		3/8/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/8/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		3/8/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		3/8/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		3/8/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		3/8/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		3/8/2022	CJR	1
cis-1,2-Dichloroethene	2.01	ug/l	0.32	1.29	1	8260B		3/8/2022	CJR	1
trans-1,2-Dichloroethene	1.33 "J"	ug/l	0.5	2.02	1	8260B		3/8/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		3/8/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		3/8/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/8/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/8/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		3/8/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		3/8/2022	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		3/8/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		3/8/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		3/8/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		3/8/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		3/8/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		3/8/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		3/8/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		3/8/2022	CJR	1
Tetrachloroethene	48	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		3/8/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		3/8/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567D
Sample ID 200030 MW-4
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		3/8/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		3/8/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		3/8/2022	CJR	1
Trichloroethene (TCE)	2.12	ug/l	0.38	1.55	1	8260B		3/8/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		3/8/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/8/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		3/8/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		3/8/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		3/8/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		3/8/2022	CJR	1
SUR - Dibromofluoromethane	107	REC %			1	8260B		3/8/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		3/8/2022	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B		3/8/2022	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		3/8/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567E
Sample ID 200030 MW-5
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	0.79 "J"	ug/l	0.3	1.25	1	8260B		3/3/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		3/3/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		3/3/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		3/3/2022	CJR	1
sec-Butylbenzene	2.2	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
n-Butylbenzene	7.2	ug/l	0.71	2.9	1	8260B		3/3/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		3/3/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		3/3/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		3/3/2022	CJR	1
Chloroform	< 0.33	]	0.33	1.33	1	8260B		3/3/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	30.3	1	8260B		3/3/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		3/3/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		3/3/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		3/3/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		3/3/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		3/3/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/3/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		3/3/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		3/3/2022	CJR	1
1,2-Dichloroethane	1.03 "J"	ug/l	0.43	1.75	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		3/3/2022	CJR	1
cis-1,2-Dichloroethene	47	ug/l	0.32	1.29	1	8260B		3/3/2022	CJR	1
trans-1,2-Dichloroethene	7.1	ug/l	0.5	2.02	1	8260B		3/3/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		3/3/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		3/3/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		3/3/2022	CJR	1
Ethylbenzene	69	ug/l	0.33	1.37	1	8260B		3/3/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		3/3/2022	CJR	1
Isopropylbenzene	23.7	ug/l	0.34	1.38	1	8260B		3/3/2022	CJR	1
p-Isopropyltoluene	3.11	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		3/3/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Naphthalene	44	ug/l	1.4	5.56	1	8260B		3/3/2022	CJR	1
n-Propylbenzene	36	ug/l	0.39	1.6	1	8260B		3/3/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		3/3/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		3/3/2022	CJR	1
Tetrachloroethene	1.72 "J"	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Toluene	7.8	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		3/3/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567E
Sample ID 200030 MW-5
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		3/3/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
Trichloroethene (TCE)	1.03 "J"	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trimethylbenzene	440	ug/l	3.5	14.4	10	8260B		3/9/2022	CJR	1
1,3,5-Trimethylbenzene	38	ug/l	0.41	1.66	1	8260B		3/3/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		3/3/2022	CJR	1
m&p-Xylene	211	ug/l	0.64	2.63	1	8260B		3/3/2022	CJR	1
o-Xylene	28.9	ug/l	0.37	1.51	1	8260B		3/3/2022	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		3/3/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		3/3/2022	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B		3/3/2022	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B		3/3/2022	CJR	1

Project Name ECONO CARE
 Project # 200030

Invoice # E40567

Lab Code 5040567F
 Sample ID 200030 MW-6
 Sample Matrix Water
 Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	0.63 "J"	ug/l	0.3	1.25	1	8260B		3/8/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		3/8/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		3/8/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		3/8/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		3/8/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		3/8/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		3/8/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		3/8/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		3/8/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		3/8/2022	CJR	1
Chloroform	< 0.33	]	0.33	1.33	1	8260B		3/8/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	30.3	1	8260B		3/8/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		3/8/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		3/8/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		3/8/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		3/8/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		3/8/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/8/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		3/8/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		3/8/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		3/8/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		3/8/2022	CJR	1
1,1-Dichloroethene	0.44 "J"	ug/l	0.43	1.76	1	8260B		3/8/2022	CJR	1
cis-1,2-Dichloroethene	35	ug/l	0.32	1.29	1	8260B		3/8/2022	CJR	1
trans-1,2-Dichloroethene	66	ug/l	0.5	2.02	1	8260B		3/8/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		3/8/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		3/8/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/8/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/8/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		3/8/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		3/8/2022	CJR	1
Ethylbenzene	0.85 "J"	ug/l	0.33	1.37	1	8260B		3/8/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		3/8/2022	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		3/8/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		3/8/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		3/8/2022	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		3/8/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		3/8/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		3/8/2022	CJR	1
Tetrachloroethene	185	ug/l	0.47	1.91	1	8260B		3/8/2022	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		3/8/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		3/8/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567F
Sample ID 200030 MW-6
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		3/8/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		3/8/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		3/8/2022	CJR	1
Trichloroethene (TCE)	202	ug/l	0.38	1.55	1	8260B		3/8/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		3/8/2022	CJR	1
1,2,4-Trimethylbenzene	0.65 "J"	ug/l	0.35	1.44	1	8260B		3/8/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		3/8/2022	CJR	1
Vinyl Chloride	0.42 "J"	ug/l	0.15	0.61	1	8260B		3/8/2022	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		3/8/2022	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		3/8/2022	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		3/8/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		3/8/2022	CJR	1
SUR - 4-Bromofluorobenzene	87	REC %			1	8260B		3/8/2022	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		3/8/2022	CJR	1

Project Name ECONO CARE
 Project # 200030

Invoice # E40567

Lab Code 5040567G
 Sample ID 200030 IDM
 Sample Matrix Water
 Sample Date 2/25/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		3/3/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		3/3/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		3/3/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		3/3/2022	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		3/3/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		3/3/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		3/3/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		3/3/2022	CJR	1
Chloroform	< 0.33	]	0.33	1.33	1	8260B		3/3/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	30.3	1	8260B		3/3/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		3/3/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		3/3/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		3/3/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		3/3/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		3/3/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/3/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		3/3/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		3/3/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		3/3/2022	CJR	1
cis-1,2-Dichloroethene	8.6	ug/l	0.32	1.29	1	8260B		3/3/2022	CJR	1
trans-1,2-Dichloroethene	10.2	ug/l	0.5	2.02	1	8260B		3/3/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		3/3/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		3/3/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		3/3/2022	CJR	1
Ethylbenzene	5.8	ug/l	0.33	1.37	1	8260B		3/3/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		3/3/2022	CJR	1
Isopropylbenzene	2.28	ug/l	0.34	1.38	1	8260B		3/3/2022	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		3/3/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Naphthalene	7.1	ug/l	1.4	5.56	1	8260B		3/3/2022	CJR	1
n-Propylbenzene	2.86	ug/l	0.39	1.6	1	8260B		3/3/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		3/3/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		3/3/2022	CJR	1
Tetrachloroethene	122	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Toluene	0.76 "J"	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		3/3/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567G
Sample ID 200030 IDM
Sample Matrix Water
Sample Date 2/25/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		3/3/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
Trichloroethene (TCE)	43	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trimethylbenzene	38	ug/l	0.35	1.44	1	8260B		3/3/2022	CJR	1
1,3,5-Trimethylbenzene	6.8	ug/l	0.41	1.66	1	8260B		3/3/2022	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		3/3/2022	CJR	1
m&p-Xylene	31.1	ug/l	0.64	2.63	1	8260B		3/3/2022	CJR	1
o-Xylene	2.98	ug/l	0.37	1.51	1	8260B		3/3/2022	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		3/3/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		3/3/2022	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %			1	8260B		3/3/2022	CJR	1
SUR - Dibromofluoromethane	106	REC %			1	8260B		3/3/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567H
Sample ID 200030 DUP-1
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		3/3/2022	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		3/3/2022	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		3/3/2022	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		3/3/2022	CJR	1
sec-Butylbenzene	0.73 "J"	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
n-Butylbenzene	2.86 "J"	ug/l	0.71	2.9	1	8260B		3/3/2022	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		3/3/2022	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		3/3/2022	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		3/3/2022	CJR	1
Chloroform	< 0.33	]	0.33	1.33	1	8260B		3/3/2022	CJR	1
Chloromethane	< 0.74	ug/l	0.74	30.3	1	8260B		3/3/2022	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		3/3/2022	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		3/3/2022	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		3/3/2022	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		3/3/2022	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		3/3/2022	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		3/3/2022	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		3/3/2022	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		3/3/2022	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		3/3/2022	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		3/3/2022	CJR	1
cis-1,2-Dichloroethene	7.8	ug/l	0.32	1.29	1	8260B		3/3/2022	CJR	1
trans-1,2-Dichloroethene	7.4	ug/l	0.5	2.02	1	8260B		3/3/2022	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		3/3/2022	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		3/3/2022	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		3/3/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		3/3/2022	CJR	1
Ethylbenzene	54	ug/l	0.33	1.37	1	8260B		3/3/2022	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		3/3/2022	CJR	1
Isopropylbenzene	12.6	ug/l	0.34	1.38	1	8260B		3/3/2022	CJR	1
p-Isopropyltoluene	0.83 "J"	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		3/3/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Naphthalene	37	ug/l	1.4	5.56	1	8260B		3/3/2022	CJR	1
n-Propylbenzene	17.6	ug/l	0.39	1.6	1	8260B		3/3/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		3/3/2022	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		3/3/2022	CJR	1
Tetrachloroethene	145	ug/l	0.47	1.91	1	8260B		3/3/2022	CJR	1
Toluene	7.6	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		3/3/2022	CJR	1

Project Name ECONO CARE
Project # 200030

Invoice # E40567

Lab Code 5040567H
Sample ID 200030 DUP-1
Sample Matrix Water
Sample Date 2/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		3/3/2022	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		3/3/2022	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		3/3/2022	CJR	1
Trichloroethene (TCE)	92	ug/l	0.38	1.55	1	8260B		3/3/2022	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		3/3/2022	CJR	1
1,2,4-Trimethylbenzene	180	ug/l	0.35	1.44	1	8260B		3/3/2022	CJR	1
1,3,5-Trimethylbenzene	45	ug/l	0.41	1.66	1	8260B		3/3/2022	CJR	1
Vinyl Chloride	0.44 "J"	ug/l	0.15	0.61	1	8260B		3/3/2022	CJR	1
m&p-Xylene	243	ug/l	0.64	2.63	1	8260B		3/3/2022	CJR	1
o-Xylene	22.6	ug/l	0.37	1.51	1	8260B		3/3/2022	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		3/3/2022	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		3/3/2022	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		3/3/2022	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		3/3/2022	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required: _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
 QUOTE # : _____
 Project #: 200030
 Sampler: (signature) *RL*

Project (Name / Location): Econo Care
 Reports To: Rob Haerman Invoice To: Accounts Payable
 Company: Enviroforensics Company: _____
 Address: 516 W 233rd Stone Ridge Dr Address: _____
 City State Zip: Waukesha, WI 53188 City State Zip: _____
 Phone: 262-290-4001 Phone: _____
 Email: rhoerman@enviroforensics.com Email: _____

								Analysis Requested										Other Analysis						
Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-FCRA METALS	PID/ FID	
509567A	200030-Mw-1	2-23-22	1208	N	3	GW	HCL																	
B	200030-Mw-2	2-25-22	810																					
C	200030-Mw-3	2-23-22	1142																					
D	200030-Mw-4		1300																					
E	200030-Mw-5		1240																					
F	200030-Mw-6		1220																					
G	200030-IDM	2-25-22	820																					
H	200030-Dup-1	2-23-22	-																					

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

PO 2022-0098

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Club

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes _____ No

Relinquished By: (sign) *RL* Time 10:26 Date 2-25-22

Received By: (sign) _____ Time _____ Date _____

Received in Laboratory By: *Club* Time: 10:30 Date: 2/25/22



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Rob Hoverman
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

March 7, 2022

EnvisionAir Project Number: 2022-153
Client Project Name: 200030 – Econo Care

Dear Mr. Hoverman,

Please find the attached analytical report for the samples received February 28, 2022. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "David Norris". The signature is written in a cursive, flowing style.

David Norris
Project Manager
EnvisionAir, LLC



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-153

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Canister Pressure / Vacuum</u>		<u>Lab</u>
			<u>Date</u>	<u>Time</u>					<u>Initial Field</u>	<u>Final Field</u>	
			<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Received:</u>	<u>Received:</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>
22-847	200030-1324 WEBSTER-IA-1	A	2/23/22	8:03	2/23/22	16:02	2/28/22	13:45	-28	0	0
22-848	200030-1324 WEBSTER-IA-2	A	2/23/22	8:05	2/23/22	16:00	2/28/22	13:45	-28	-7	-7
22-849	200030-1324 WEBSTER-SSV-1	A	2/23/22	14:08	2/23/22	14:12	2/28/22	13:45	-28	-4	-4
22-850	200030-1324 WEBSTER-SSV-2	A	2/23/22	13:51	2/23/22	13:56	2/28/22	13:45	-28	-4	-4



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-153

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-1324 WEBSTER-IA-1
EnvisionAir Sample Number: 22-847
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 8:03
Sample Collection END Date/Time: 2/23/22 16:02
Sample Received Date/Time: 2/28/22 13:45

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	3-2-22/15:55		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-153

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-1324 WEBSTER-IA-2
EnvisionAir Sample Number: 22-848
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 8:05
Sample Collection END Date/Time: 2/23/22 16:00
Sample Received Date/Time: 2/28/22 13:45

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	3-2-22/16:39		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-153

Analytical Method: TO-15
Analytical Batch: 030122AIR(2)

Client Sample ID: 200030-1324 WEBSTER-SSV-1 **Sample Collection START Date/Time:** 2/23/22 14:08
Sample Collection END Date/Time: 2/23/22 14:12
EnvisionAir Sample Number: 22-849 **Sample Received Date/Time:** 2/28/22 13:45
Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluoromethane	< 495	495	
Ethyl Acetate	< 541	541	
Ethylbenzene	< 86.8	86.8	
Hexachloro-1,3-butadiene	< 10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	< 31.9	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	3-3-22/16:15		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-153

Analytical Method: TO-15
Analytical Batch: 030122AIR(2)

Client Sample ID: 200030-1324 WEBSTER-SSV-2 **Sample Collection START Date/Time:** 2/23/22 13:51
Sample Collection END Date/Time: 2/23/22 13:56
EnvisionAir Sample Number: 22-850 **Sample Received Date/Time:** 2/28/22 13:45
Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluoromethane	< 495	495	
Ethyl Acetate	< 541	541	
Ethylbenzene	< 86.8	86.8	
Hexachloro-1,3-butadiene	< 10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	133	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	3-3-22/16:56		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(1)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	109%		
Analysis Date/Time:	3-1-22/19:32		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	9.89	8.86	10	99%	89%	11.0%	
Dichlorodifluoromethane	9.12	8.91	10	91%	89%	2.3%	
Chloromethane	9.09	10.4	10	91%	104%	13.4%	
Vinyl Chloride	10.9	9.93	10	109%	99%	9.3%	
1,3-Butadiene	10.8	10.2	10	108%	102%	5.7%	
Bromomethane	10.8	9.93	10	108%	99%	8.4%	
Chloroethane	8.6	9.01	10	86%	90%	4.7%	
Vinyl Bromide	10.1	10.4	10	101%	104%	2.9%	
Trichlorofluoromethane	9.94	10.4	10	99%	104%	4.5%	
Acetone	11.3	9.83	10	113%	98%	13.9%	
1,1-Dichloroethene	10.1	10.6	10	101%	106%	4.8%	
Methylene Chloride	10.1	10.5	10	101%	105%	3.9%	
Carbon Disulfide	9.82	9.75	10	98%	98%	0.7%	
trans-1,2-Dichloroethene	10.1	10	10	101%	100%	1.0%	
Methyl-tert-butyl ether	11	9.97	10	110%	100%	9.8%	
1,1-Dichloroethane	8.89	8.84	10	89%	88%	0.6%	
Vinyl Acetate	9.52	11.7	10	95%	117%	20.5%	2
N-Hexane	8.65	9.17	10	87%	92%	5.8%	
2-Butanone (MEK)	11.4	10.8	10	114%	108%	5.4%	
cis-1,2-Dichloroethene	10.8	10.8	10	108%	108%	0.0%	
Ethyl Acetate	11.1	9.65	10	111%	97%	14.0%	
Chloroform	10.1	9.98	10	101%	100%	1.2%	
Tetrahydrofuran	10.4	11.4	10	104%	114%	9.2%	
1,2-Dichloroethane	9.4	10.1	10	94%	101%	7.2%	
1,1,1-Trichloroethane	9.1	9.8	10	91%	98%	7.4%	
Carbon Tetrachloride	8.82	9.62	10	88%	96%	8.7%	
Benzene	8.25	8.89	10	83%	89%	7.5%	
Cyclohexane	8.6	9.52	10	86%	95%	10.2%	
1,2-Dichloropropane	8.09	8.82	10	81%	88%	8.6%	
Trichloroethene	9.46	10.4	10	95%	104%	9.5%	
Bromodichloromethane	9.05	9.77	10	91%	98%	7.7%	
1,4-Dioxane	10.6	10.5	10	106%	105%	0.9%	
Isooctane	9.22	9.97	10	92%	100%	7.8%	
N-Heptane	9.41	11.2	10	94%	112%	17.4%	
cis-1,3-Dichloropropene	9.46	9.98	10	95%	100%	5.3%	
4-Methyl-2-pentanone (MIBK)	9.42	10.2	10	94%	102%	8.0%	
trans-1,3-Dichloropropene	10.3	10.4	10	103%	104%	1.0%	
1,1,2-Trichloroethane	9.54	9.81	10	95%	98%	2.8%	
Toluene	9.93	10.2	10	99%	102%	2.7%	
2-Hexanone	9.73	10.1	10	97%	101%	3.7%	
Dibromochloromethane	9.96	10.9	10	100%	109%	9.0%	
1,2-dibromoethane (EDB)	10	10.7	10	100%	107%	6.8%	
Tetrachloroethene	9.6	10.3	10	96%	103%	7.0%	
Chlorobenzene	10.4	11	10	104%	110%	5.6%	
Ethylbenzene	9.96	10.6	10	100%	106%	6.2%	
m,p-Xylene	20.3	21.3	20	102%	107%	4.8%	
Bromoform	9.66	9.88	10	97%	99%	2.3%	



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	11.1	11.2	10	111%	112%	0.9%	
1,1,2,2-Tetrachloroethane	11	11.7	10	110%	117%	6.2%	
o-Xylene	9.58	10.2	10	96%	102%	6.3%	
4-Ethyltoluene	10.3	10.8	10	103%	108%	4.7%	
1,3,5-Trimethylbenzene	10.2	10.9	10	102%	109%	6.6%	
1,2,4-Trimethylbenzene	10.2	10.6	10	102%	106%	3.8%	
1,3-Dichlorobenzene	11.8	10.4	10	118%	104%	12.6%	
Benzyl Chloride	9.98	10.7	10	100%	107%	7.0%	
1,4-Dichlorobenzene	9.95	11	10	100%	110%	10.0%	
1,2-Dichlorobenzene	10.2	10.9	10	102%	109%	6.6%	
1,2,4-Trichlorobenzene	10.7	11.2	10	107%	112%	4.6%	
Hexachloro-1,3-butadiene	10.2	11.3	10	102%	113%	10.2%	
Naphthalene	10.8	10.5	10	108%	105%	2.8%	
4-bromofluorobenzene (surrogate)	92%	101%					
Analysis Date/Time:	3-1-22/18:55	3-1-22/21:39					
Analyst Initials	tjg	tjg					

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(2)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-2-22/21:50		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	10.6	9.5	10	106%	95%	10.9%			
Dichlorodifluoromethane	8.22	9.93	10	82%	99%	18.8%			
Chloromethane	10.4	12	10	104%	120%	14.3%			
Vinyl Chloride	9.67	10	10	97%	100%	3.4%			
1,3-Butadiene	10.3	9.85	10	103%	99%	4.5%			
Bromomethane	11.4	9.98	10	114%	100%	13.3%			
Chloroethane	9.25	9.68	10	93%	97%	4.5%			
Vinyl Bromide	10.6	9.71	10	106%	97%	8.8%			
Trichlorofluoromethane	10.3	9.42	10	103%	94%	8.9%			
Acetone	10.6	10.7	10	106%	107%	0.9%			
1,1-Dichloroethene	10.4	10.4	10	104%	104%	0.0%			
Methylene Chloride	10.3	11.4	10	103%	114%	10.1%			
Carbon Disulfide	9.68	8.64	10	97%	86%	11.4%			
trans-1,2-Dichloroethene	9.76	9.23	10	98%	92%	5.6%			
Methyl-tert-butyl ether	9.91	8.62	10	99%	86%	13.9%			
1,1-Dichloroethane	9.8	9.63	10	98%	96%	1.7%			
Vinyl Acetate	10.5	9.7	10	105%	97%	7.9%			
N-Hexane	10	9.63	10	100%	96%	3.8%			
2-Butanone (MEK)	10.8	9.84	10	108%	98%	9.3%			
cis-1,2-Dichloroethene	10.6	9.19	10	106%	92%	14.2%			
Ethyl Acetate	10.9	9.64	10	109%	96%	12.3%			
Chloroform	9.96	8.76	10	100%	88%	12.8%			
Tetrahydrofuran	10.3	10.4	10	103%	104%	1.0%			
1,2-Dichloroethane	10.1	9.78	10	101%	98%	3.2%			
1,1,1-Trichloroethane	9.6	9.58	10	96%	96%	0.2%			
Carbon Tetrachloride	9.52	9.61	10	95%	96%	0.9%			
Benzene	8.46	9.34	10	85%	93%	9.9%			
Cyclohexane	9.18	9.5	10	92%	95%	3.4%			
1,2-Dichloropropane	8.45	9.5	10	85%	95%	11.7%			
Trichloroethene	9.84	10.2	10	98%	102%	3.6%			
Bromodichloromethane	9.46	9.49	10	95%	95%	0.3%			
1,4-Dioxane	10.7	10.8	10	107%	108%	0.9%			
Isooctane	9.49	9.49	10	95%	95%	0.0%			
N-Heptane	9.85	9.45	10	99%	95%	4.1%			
cis-1,3-Dichloropropene	9.61	10.1	10	96%	101%	5.0%			
4-Methyl-2-pentanone (MIBK)	10.5	10	10	105%	100%	4.9%			
trans-1,3-Dichloropropene	10.5	10.8	10	105%	108%	2.8%			
1,1,2-Trichloroethane	9.89	10.1	10	99%	101%	2.1%			
Toluene	9.93	10.3	10	99%	103%	3.7%			
2-Hexanone	10.3	10.1	10	103%	101%	2.0%			
Dibromochloromethane	9.59	9.9	10	96%	99%	3.2%			
1,2-dibromoethane (EDB)	9.44	10.3	10	94%	103%	8.7%			
Tetrachloroethene	9.16	9.77	10	92%	98%	6.4%			
Chlorobenzene	9.65	10.5	10	97%	105%	8.4%			
Ethylbenzene	9.33	9.62	10	93%	96%	3.1%			
m,p-Xylene	19.7	19.6	20	99%	98%	0.5%			
Bromoform	9.61	9.73	10	96%	97%	1.2%			



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.3	10.1	10	103%	101%	2.0%	
1,1,2,2-Tetrachloroethane	10.5	10	10	105%	100%	4.9%	
o-Xylene	8.95	9.18	10	90%	92%	2.5%	
4-Ethyltoluene	9.66	10.3	10	97%	103%	6.4%	
1,3,5-Trimethylbenzene	9.59	9.86	10	96%	99%	2.8%	
1,2,4-Trimethylbenzene	9.75	10.1	10	98%	101%	3.5%	
1,3-Dichlorobenzene	11	10.4	10	110%	104%	5.6%	
Benzyl Chloride	9.68	9.56	10	97%	96%	1.2%	
1,4-Dichlorobenzene	9.87	10.2	10	99%	102%	3.3%	
1,2-Dichlorobenzene	9.56	10.7	10	96%	107%	11.3%	
1,2,4-Trichlorobenzene	10.3	10.6	10	103%	106%	2.9%	
Hexachloro-1,3-butadiene	10.4	10.3	10	104%	103%	1.0%	
Naphthalene	10	10.2	10	100%	102%	2.0%	
4-bromofluorobenzene (surrogate)	115%	99%					
Analysis Date/Time:	3-2-22/18:55	3-2-22/21:15					
Analyst Initials	tjg	tjg					



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Flag Number

Comments

- | | |
|---|---|
| 1 | Reporting limit is supported by MDL. TJG |
| 2 | RPD is biased high, but recoveries are within control. TJG 3/7/22 |

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadler Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>EnviroForensics</u>	P.O. Number: <u>2022-0097</u>
Report Address: <u>rhauerman@enviroforensics.com</u>	Project Name or Number: <u>20030 EconoCare</u>
Report To: <u>Rob Haverman</u>	Sampled by: <u>R BROWN</u>
Phone: <u>202-290-4001</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: <u>accounts payable@enviroforensics.com</u>	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) <u>1 day</u> 2 days 3 days <u>Std (5 bus. days)</u>	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List (Specify in notes)



Sampling Type:
 Soil-Gas:
 Sub-Slab:
 Indoor-Air:

www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
20030-1324 webster-1A-1	6LC	2-23-22	803	2-23-22	1652	X				4683	07622	-28	0	0	22-847
20030-1324 webster-1A-2	6LC	↓	805	↓	1600	X				17899	04649	-28	-28	-4 ^{rs}	22-848
20030-1324 webster-SSV-1	1LC	↓	1408	↓	1412	X				83984	0025	-28	-4	-4	22-849
20030-1324 webster-SSV-2	1LC	↓	1351	↓	1356	X				83815	0107	-28	-4	-4	22-850

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>JLC</u>	<u>2-24-22</u>	<u>900</u>	<u>FedEx</u>	<u>2-24-22</u>	<u>900</u>
			<u>Y. Waller</u>	<u>2-28-22</u>	<u>1345</u>



March 18, 2022

Jesse Ziese
Darkside Tattoo
1404 S Webster Avenue
Green Bay, Wisconsin 54301

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-05-514372

Dear Mr. Zeise:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 1404 S Webster Avenue in Green Bay, Wisconsin. Indoor air, sub-slab vapor and groundwater samples were collected on February 23 and 25, 2022. The sampling activities are part of an environmental investigation being performed for the former Econo-Care Cleaners facility located at 1404 S Webster Avenue in Green Bay at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Econo-Care Cleaners (former)
1404 S Webster Avenue
Green Bay, WI

Sampling Results

One indoor air sample was collected from within your business, 200030-1404 Webster-IA-1. Additionally, one (1) sub-slab vapor sample (200030-1404 Webster-SSV-1) was collected from beneath the floor of your building. The sampling locations are depicted on the attached **Figure 1**. The results of the indoor air and vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory report that relates to the indoor air and vapor samples is also attached.

u At this time there is not a vapor risk to your building. We will contact you to to schedule the next sampling event, if needed. If you have any questions or concerns, please contact us at 262-510-0612 or by email at rhoverman@enviroforensics.com. The WDNR project manager, Josie Schultz, can be reached at 920-366-5685. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

Rob Hoverman, PG
Senior Project Manager

Copy: Josie Schultz, Wisconsin Department of Natural Resources

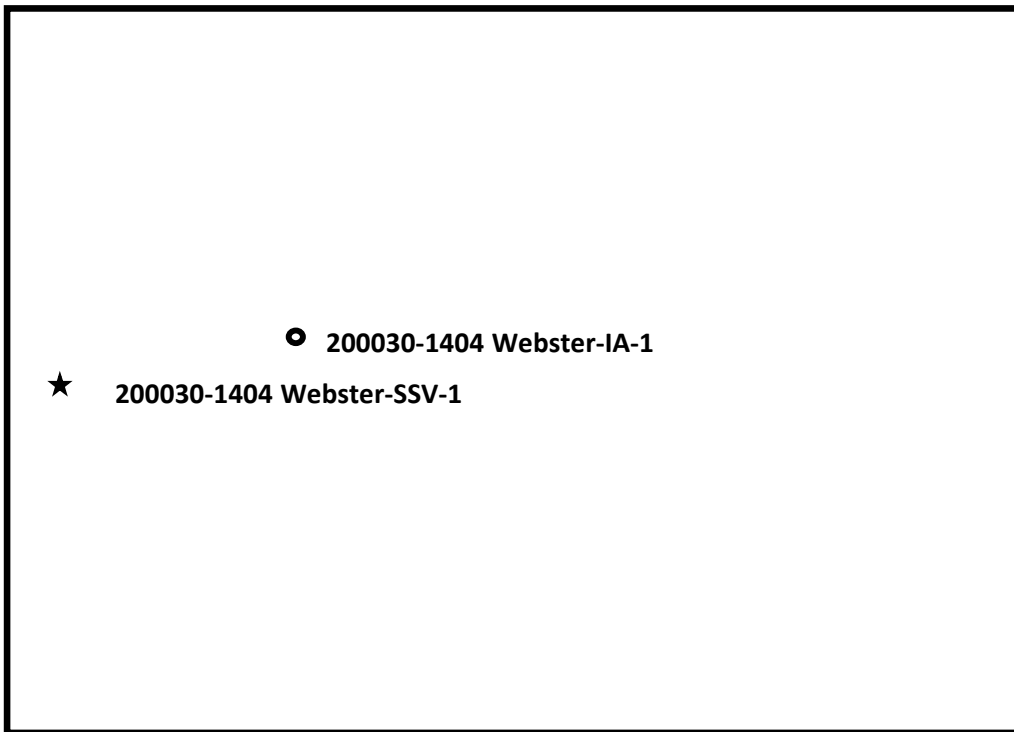
Attachments:

Figure 1 – Vapor Intrusion Sample Locations
Table 1 – Vapor Intrusion Analytical Results
Laboratory Analytical Report Excerpt

FIGURE 1
VAPOR INTRUSION SAMPLE LOCATIONS
1404 South Webster Avenue, Green Bay, Wisconsin

Derby Lane

● 200030-OA



South Webster Avenue

Legend

- = Indoor/Outdoor Air Sample
- IA-1 = 1st Floor
- SSV-1 = Sub-Slab Vapor
- ★ = Sub-Slab Vapor Sampling Port Location



TABLE 1
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY

Former Econo Care Cleaners
 1404 South Webster Avenue, Wisconsin

Address	Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1 Dichloroethane	1, 1, 1-Trichloroethane
INDOOR/OUTDOOR AIR									
Small Commercial Vapor Action Level			180	8.8	NE	180	28	77	22,000
1404 S Webster	IA-1	2/23/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
Outdoor Air	OA	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
SUB-SLAB VAPOR									
Small Commercial Vapor Risk Screening Level			5,800	290	NE	5,800	930	2,600	730,000
1404 S Webster	SSV-1	2/23/2022	<31.9	<10.7	<198	<396	<12.8	<40.5	<5460

Notes:

Vapor Action and Risk Screening Levels are calculated according to WDNR Publication RR-800 and subsequent vapor intrusion guidance

Results reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Samples analyzed according to EPA Method TO-15

NE = Screening/action level not established

Bolded values are above detection limits

Bolded and shaded values exceed the applicable screening or action level



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Rob Hoverman
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

March 7, 2022

EnvisionAir Project Number: 2022-154
Client Project Name: 200030 – Econo Care

Dear Mr. Hoverman,

Please find the attached analytical report for the samples received February 28, 2022. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "David Norris". The signature is written in a cursive, flowing style.

David Norris
Project Manager
EnvisionAir, LLC



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-154

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Canister Pressure / Vacuum</u>		<u>Lab</u>
			<u>Date</u>	<u>Time</u>					<u>Initial Field</u>	<u>Final Field</u>	
			<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Received:</u>	<u>Received:</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>
22-851	200030-1404 WEBSTER-IA-1	A	2/23/22	10:21	2/23/22	18:30	2/28/22	13:45	-28	-17	-17
22-852	200030-1404 WEBSTER-SSV-1	A	2/23/22	19:00	2/23/22	19:04	2/28/22	13:45	-30	-4	-4



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-154

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-1404 WEBSTER-IA-1
EnvisionAir Sample Number: 22-851
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 10:21
Sample Collection END Date/Time: 2/23/22 18:30
Sample Received Date/Time: 2/28/22 13:45

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	3-3-22/11:21		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-154

Analytical Method: TO-15
Analytical Batch: 030422AIR(2)

Client Sample ID: 200030-1404 WEBSTER-SSV-1
EnvisionAir Sample Number: 22-852
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 19:00
Sample Collection END Date/Time: 2/23/22 19:04
Sample Received Date/Time: 2/28/22 13:45

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluoromethane	< 495	495	
Ethyl Acetate	< 541	541	
Ethylbenzene	< 86.8	86.8	
Hexachloro-1,3-butadiene	< 10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	< 31.9	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	3-4-22/11:08		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(1)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-2-22/21:50		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	10.6	9.5	10	106%	95%	10.9%			
Dichlorodifluoromethane	8.22	9.93	10	82%	99%	18.8%			
Chloromethane	10.4	12	10	104%	120%	14.3%			
Vinyl Chloride	9.67	10	10	97%	100%	3.4%			
1,3-Butadiene	10.3	9.85	10	103%	99%	4.5%			
Bromomethane	11.4	9.98	10	114%	100%	13.3%			
Chloroethane	9.25	9.68	10	93%	97%	4.5%			
Vinyl Bromide	10.6	9.71	10	106%	97%	8.8%			
Trichlorofluoromethane	10.3	9.42	10	103%	94%	8.9%			
Acetone	10.6	10.7	10	106%	107%	0.9%			
1,1-Dichloroethene	10.4	10.4	10	104%	104%	0.0%			
Methylene Chloride	10.3	11.4	10	103%	114%	10.1%			
Carbon Disulfide	9.68	8.64	10	97%	86%	11.4%			
trans-1,2-Dichloroethene	9.76	9.23	10	98%	92%	5.6%			
Methyl-tert-butyl ether	9.91	8.62	10	99%	86%	13.9%			
1,1-Dichloroethane	9.8	9.63	10	98%	96%	1.7%			
Vinyl Acetate	10.5	9.7	10	105%	97%	7.9%			
N-Hexane	10	9.63	10	100%	96%	3.8%			
2-Butanone (MEK)	10.8	9.84	10	108%	98%	9.3%			
cis-1,2-Dichloroethene	10.6	9.19	10	106%	92%	14.2%			
Ethyl Acetate	10.9	9.64	10	109%	96%	12.3%			
Chloroform	9.96	8.76	10	100%	88%	12.8%			
Tetrahydrofuran	10.3	10.4	10	103%	104%	1.0%			
1,2-Dichloroethane	10.1	9.78	10	101%	98%	3.2%			
1,1,1-Trichloroethane	9.6	9.58	10	96%	96%	0.2%			
Carbon Tetrachloride	9.52	9.61	10	95%	96%	0.9%			
Benzene	8.46	9.34	10	85%	93%	9.9%			
Cyclohexane	9.18	9.5	10	92%	95%	3.4%			
1,2-Dichloropropane	8.45	9.5	10	85%	95%	11.7%			
Trichloroethene	9.84	10.2	10	98%	102%	3.6%			
Bromodichloromethane	9.46	9.49	10	95%	95%	0.3%			
1,4-Dioxane	10.7	10.8	10	107%	108%	0.9%			
Isooctane	9.49	9.49	10	95%	95%	0.0%			
N-Heptane	9.85	9.45	10	99%	95%	4.1%			
cis-1,3-Dichloropropene	9.61	10.1	10	96%	101%	5.0%			
4-Methyl-2-pentanone (MIBK)	10.5	10	10	105%	100%	4.9%			
trans-1,3-Dichloropropene	10.5	10.8	10	105%	108%	2.8%			
1,1,2-Trichloroethane	9.89	10.1	10	99%	101%	2.1%			
Toluene	9.93	10.3	10	99%	103%	3.7%			
2-Hexanone	10.3	10.1	10	103%	101%	2.0%			
Dibromochloromethane	9.59	9.9	10	96%	99%	3.2%			
1,2-dibromoethane (EDB)	9.44	10.3	10	94%	103%	8.7%			
Tetrachloroethene	9.16	9.77	10	92%	98%	6.4%			
Chlorobenzene	9.65	10.5	10	97%	105%	8.4%			
Ethylbenzene	9.33	9.62	10	93%	96%	3.1%			
m,p-Xylene	19.7	19.6	20	99%	98%	0.5%			
Bromoform	9.61	9.73	10	96%	97%	1.2%			



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.3	10.1	10	103%	101%	2.0%	
1,1,2,2-Tetrachloroethane	10.5	10	10	105%	100%	4.9%	
o-Xylene	8.95	9.18	10	90%	92%	2.5%	
4-Ethyltoluene	9.66	10.3	10	97%	103%	6.4%	
1,3,5-Trimethylbenzene	9.59	9.86	10	96%	99%	2.8%	
1,2,4-Trimethylbenzene	9.75	10.1	10	98%	101%	3.5%	
1,3-Dichlorobenzene	11	10.4	10	110%	104%	5.6%	
Benzyl Chloride	9.68	9.56	10	97%	96%	1.2%	
1,4-Dichlorobenzene	9.87	10.2	10	99%	102%	3.3%	
1,2-Dichlorobenzene	9.56	10.7	10	96%	107%	11.3%	
1,2,4-Trichlorobenzene	10.3	10.6	10	103%	106%	2.9%	
Hexachloro-1,3-butadiene	10.4	10.3	10	104%	103%	1.0%	
Naphthalene	10	10.2	10	100%	102%	2.0%	
4-bromofluorobenzene (surrogate)	115%	99%					
Analysis Date/Time:	3-2-22/18:55	3-2-22/21:15					
Analyst Initials	tjg	tjg					

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(2)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	3-3-22/20:44		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>RPD</u>	<u>Flag</u>
			<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>Rec.</u>		
Propylene	10.6	10.5	10	106%	105%	0.9%	
Dichlorodifluoromethane	9.44	10.5	10	94%	105%	10.6%	
Chloromethane	10.6	9.89	10	106%	99%	6.9%	
Vinyl Chloride	11	10.5	10	110%	105%	4.7%	
1,3-Butadiene	11.1	10.2	10	111%	102%	8.5%	
Bromomethane	9.7	10	10	97%	100%	3.0%	
Chloroethane	9.55	9.16	10	96%	92%	4.2%	
Vinyl Bromide	10.7	10.5	10	107%	105%	1.9%	
Trichlorofluoromethane	10.3	10.1	10	103%	101%	2.0%	
Acetone	9.15	9.58	10	92%	96%	4.6%	
1,1-Dichloroethene	9.36	9.23	10	94%	92%	1.4%	
Methylene Chloride	9.75	10.4	10	98%	104%	6.5%	
Carbon Disulfide	10.1	9.95	10	101%	100%	1.5%	
trans-1,2-Dichloroethene	9.68	9.91	10	97%	99%	2.3%	
Methyl-tert-butyl ether	10	9.83	10	100%	98%	1.7%	
1,1-Dichloroethane	8.46	9.37	10	85%	94%	10.2%	
Vinyl Acetate	10.6	10.3	10	106%	103%	2.9%	
N-Hexane	9.38	9.12	10	94%	91%	2.8%	
2-Butanone (MEK)	10.6	11.5	10	106%	115%	8.1%	
cis-1,2-Dichloroethene	10.2	9.98	10	102%	100%	2.2%	
Ethyl Acetate	11.5	11.3	10	115%	113%	1.8%	
Chloroform	9.3	9.35	10	93%	94%	0.5%	
Tetrahydrofuran	10.6	10	10	106%	100%	5.8%	
1,2-Dichloroethane	10.5	10.7	10	105%	107%	1.9%	
1,1,1-Trichloroethane	10.6	10.1	10	106%	101%	4.8%	
Carbon Tetrachloride	9.55	9.57	10	96%	96%	0.2%	
Benzene	10.9	9.18	10	109%	92%	17.1%	
Cyclohexane	9.24	9.26	10	92%	93%	0.2%	
1,2-Dichloropropane	8.5	9.34	10	85%	93%	9.4%	
Trichloroethene	9.73	9.88	10	97%	99%	1.5%	
Bromodichloromethane	9.45	9.81	10	95%	98%	3.7%	
1,4-Dioxane	9.56	9.76	10	96%	98%	2.1%	
Isooctane	9.83	10.1	10	98%	101%	2.7%	
N-Heptane	10.6	10.4	10	106%	104%	1.9%	
cis-1,3-Dichloropropene	9.86	9.64	10	99%	96%	2.3%	
4-Methyl-2-pentanone (MIBK)	10.7	10	10	107%	100%	6.8%	
trans-1,3-Dichloropropene	10.3	10.4	10	103%	104%	1.0%	
1,1,2-Trichloroethane	9.37	9.77	10	94%	98%	4.2%	
Toluene	9.54	9.66	10	95%	97%	1.3%	
2-Hexanone	11.1	10.2	10	111%	102%	8.5%	
Dibromochloromethane	9.54	9.57	10	95%	96%	0.3%	
1,2-dibromoethane (EDB)	9.06	9.74	10	91%	97%	7.2%	
Tetrachloroethene	9.18	9.36	10	92%	94%	1.9%	
Chlorobenzene	9.25	9.69	10	93%	97%	4.6%	
Ethylbenzene	9.33	9.56	10	93%	96%	2.4%	
m,p-Xylene	19.1	19.9	20	96%	100%	4.1%	
Bromoform	10.9	10.1	10	109%	101%	7.6%	



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.1	10.3	10	101%	103%	2.0%	
1,1,2,2-Tetrachloroethane	10.1	10.9	10	101%	109%	7.6%	
o-Xylene	9.55	9.65	10	96%	97%	1.0%	
4-Ethyltoluene	9.62	9.96	10	96%	100%	3.5%	
1,3,5-Trimethylbenzene	9.61	9.96	10	96%	100%	3.6%	
1,2,4-Trimethylbenzene	9.76	10	10	98%	100%	2.4%	
1,3-Dichlorobenzene	11.6	10.5	10	116%	105%	10.0%	
Benzyl Chloride	10.3	10.7	10	103%	107%	3.8%	
1,4-Dichlorobenzene	10.2	10.5	10	102%	105%	2.9%	
1,2-Dichlorobenzene	9.74	9.93	10	97%	99%	1.9%	
1,2,4-Trichlorobenzene	10.4	10.8	10	104%	108%	3.8%	
Hexachloro-1,3-butadiene	10.6	9.84	10	106%	98%	7.4%	
Naphthalene	10.2	10.2	10	102%	102%	0.0%	
4-bromofluorobenzene (surrogate)	97%	101%					
Analysis Date/Time:	3-3-22/19:21	3-3-22/20:09					
Analyst Initials	tjg	tjg					



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

<u>Flag Number</u>	<u>Comments</u>
1	Reporting limit is supported by MDL. TJG

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>EnviroForensics</u>	P.O. Number: <u>2022-0007</u>
Report <u>rhoverman@</u> Address: <u>enviroforensics.com</u>	Project Name or Number: <u>20030</u> <u>EcoCare</u>
Report To: <u>Rob Hoyerman</u>	Sampled by: <u>R Brown</u>
Phone: <u>262-290-4001</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: <u>accounts payable</u> <u>@enviroforensics.com</u>	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) <u>1 day</u> 2 days 3 days <u>Std (5 bus. days)</u>	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List (Specify in notes)



Sampling Type:
 Soil-Gas:
 Sub-Slab:
 Indoor-Air:

www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
20030-1404 webster-1A-1	6LC	2-23-22	1021	2-23-22	1830	X				4686	0762	-28	-17	-17	22-851
20030-1404 webster-SSV-1	1LC	2-23-22	1900	2-23-22	1904	X				84054	0088	-30	-4	-4	22-852

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>TC</u>	<u>2-24-22</u>	<u>900</u>	<u>FedEx</u>	<u>2-24-22</u>	<u>900</u>
			<u>Chad Fox</u>	<u>2-28-22</u>	<u>13:45</u>



March 18, 2022

Lynne Stahl
Stahl & Hack Real Estate LLC
1410 S Webster Avenue
Green Bay, Wisconsin 54301

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-05-514372

Dear Mrs. Stahl:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 1410 S Webster Avenue in Green Bay, Wisconsin. Indoor air and sub-slab vapor samples were collected on February 25, 2022. The sampling activities are part of an environmental investigation being performed for the former Econo-Care Cleaners facility located at 1404 S Webster Avenue in Green Bay at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Econo-Care Cleaners (former)
1404 S Webster Avenue
Green Bay, WI

Sampling Results

Three indoor air samples were collected from within your building, 200030-1410 Webster-IA-B, 200030-1410 Webster-IA-1 and 200030-1410 Webster-IA-2. Additionally, one (1) sub-slab vapor sample (200030-1410 Webster-SSV-1) was collected from beneath the floor of your building. The sampling locations are depicted on the attached **Figure 1**. The results of the indoor air and vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory report that relates to the indoor air and vapor samples is also attached.

There were no detections in the indoor air or sub-slab samples. At this time there is not a vapor risk to your building. We will contact you to to schedule the next sampling event, if needed. If you have any questions or concerns, please contact us at 262-510-0612 or by email at rhoverman@enviroforensics.com. The WDNR project manager, Josie Schultz, can be reached at 920-366-5685. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

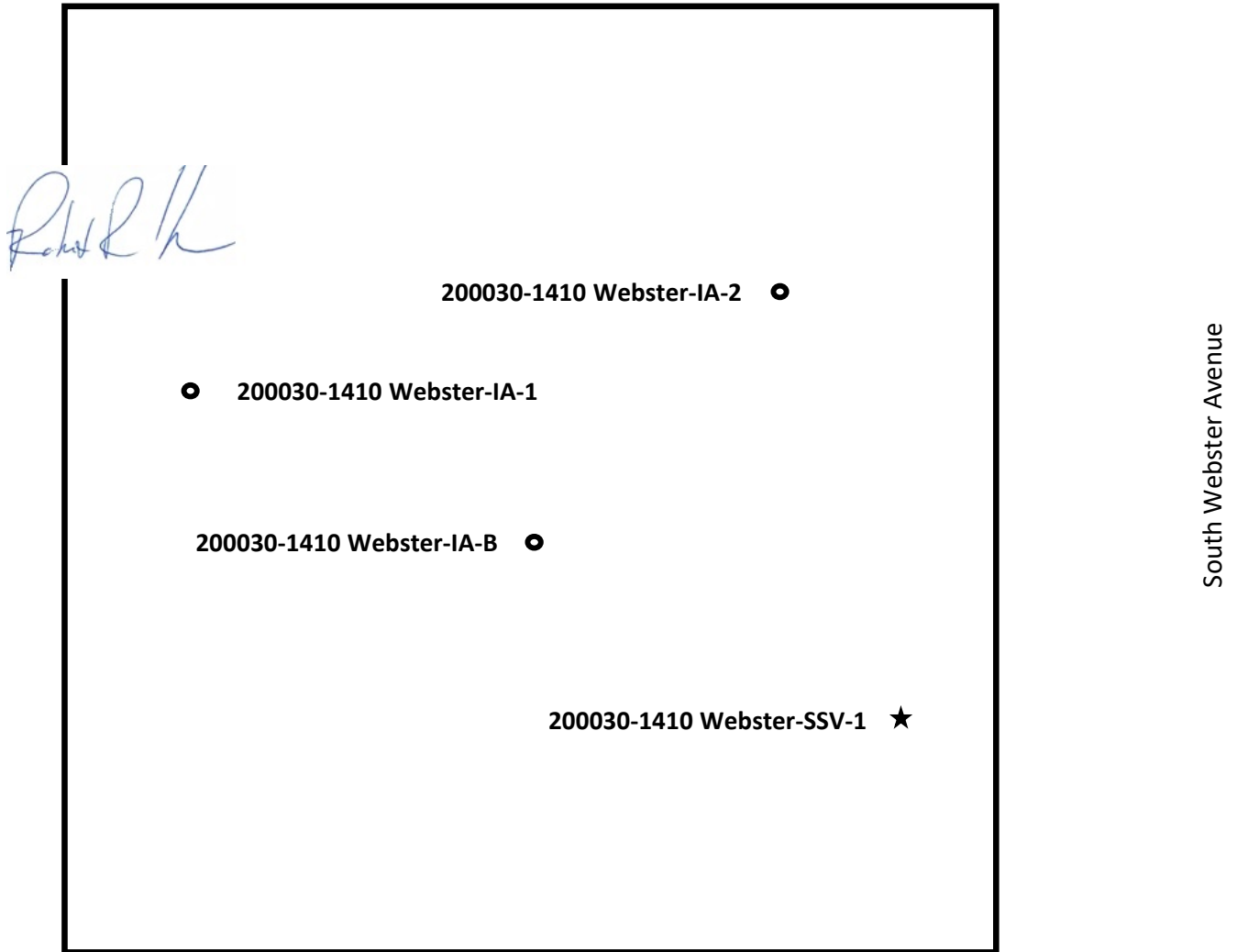
Rob Hoverman, PG
Senior Project Manager

Copy: Josie Schultz, Wisconsin Department of Natural Resources

Attachments:

Figure 1 – Vapor Intrusion Sample Locations
Table 1 – Vapor Intrusion Analytical Results
Laboratory Analytical Report Excerpt

FIGURE 1
VAPOR INTRUSION SAMPLE LOCATIONS
1410 South Webster Avenue, Green Bay, Wisconsin



Legend

- = Indoor Air Sample
- IA-B = Basement
- IA-1 = 1st Floor
- IA-2 = 2nd Floor
- SSV-1 = Sub-Slab Vapor
- ★ = Sub-Slab Vapor Sampling Port Location



TABLE 1
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY

Former Econo Care Cleaners
 1404 South Webster Avenue, Wisconsin

Address	Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1 Dichloroethane	1, 1, 1-Trichloroethane
INDOOR/OUTDOOR AIR									
			42	2.1	NE	NE	1.7	18	5200
			180	8.8	NE	180	28	77	22,000
1410 S Webster	IA-1	2/25/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	IA-2	2/25/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	OA	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
SUB-SLAB VAPOR									
Residential Vapor Risk Screening Level			1,400	70	NE	NE	57	590	170,000
Small Commercial Vapor Risk Screening Level			5,800	290	NE	5,800	930	2,600	730,000
1410 S Webster	SSV-1	2/25/2022	<31.9	<10.7	<198	<396	<12.8	<40.5	<5460

Notes:

- Vapor Action and Risk Screening Levels are calculated according to WDNR Publication RR-800 and subsequent vapor intrusion guidance
- Results reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)
- Samples analyzed according to EPA Method TO-15
- NE = Screening/action level not established
- Bolded** values are above detection limits
- Bolded and shaded** values exceed the applicable screening or action level

Mr. Rob Hoverman
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188



EnvisionAir Project Number: 2022-152
Client Project Name: 200030 – Econo Care

Dear Mr. Hoverman,

Please find the attached analytical report for the samples received February 28, 2022. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,



David Norris
Project Manager
EnvisionAir, LLC

Client Name: ENVIROFORENSICS
 Project ID: 200030 - ECONO CARE
 Client Project Manager: ROB HOVERMAN
 EnvisionAir Project Number: 2022-152

Sample Summary



<u>Laboratory Sample</u>	<u>START</u> <u>Date</u>	<u>START</u> <u>Time</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Canister Pressure / Vacuum</u>		<u>Lab</u> <u>Received</u>		
							<u>Initial Field</u> <u>(in. Hg)</u>	<u>Final Field</u> <u>(in. Hg)</u>			
22-843	200030-1410 WEBSTER-IA-B	A	2/24/22	8:25	2/25/22	8:32	2/28/22	13:45	-28	-3	-3
22-844	200030-1410 WEBSTER-IA-1	A	2/24/22	8:27	2/25/22	8:28	2/28/22	13:45	-28	0	0
22-845	200030-1410 WEBSTER-IA-2	A	2/24/22	8:29	2/25/22	8:26	2/28/22	13:45	-28	-1	-1
22-846	200030-1410 WEBSTER-SSV-1	A	2/25/22	9:01	2/25/22	9:06	2/28/22	13:45	-28	-5	-5

Client Name: ENVIROFORENSICS

Project ID: ECONO CARE

Client Project Manager: ROB HOVERMAN

EnvisionAir Project Number: 2022-152

Analytical Method: TO-15
Analytical Basis: 030122AIR(1)



Client Sample ID: 20030-1410 WEBSTER-IA-B Sample Collection START Date/Time: 2/24/22 8:25

Sample Collection END Date/Time: 2/25/22 8:32

EnvisionAir Sample Number: 22-843

Sample Received Date/Time: 2/28/22 13:45

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluo	3.5	49.5	
Ethyl Acetate	4.1	54.1	
Ethylbenzene	68	8.68	
Hexachloro-1,	.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	3-2-22/13:49		
Analyst Initials	tjg		

Client Name: ENVIROFORENSICS

Project ID: ECONO CARE

Client Project Manager: ROB HOVERMAN

EnvisionAir Project Number: 2022-152

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)



Client Sample ID: 20030-1410 WEBSTER-IA-1
Sample Collection START Date/Time: 2/24/22 8:27
Sample Collection END Date/Time: 2/25/22 8:28
EnvisionAir Sample Number: 22-844
Sample Received Date/Time: 2/28/22 13:45

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluo	3.5	49.5	
Ethyl Acetate	4.1	54.1	
Ethylbenzene	68	8.68	
Hexachloro-1,	.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	3-2-22/14:31		
Analyst Initials	tjg		

Client Name: ENVIROFORENSICS

Project ID: ECONO CARE

Client Project Manager: ROB HOVERMAN

EnvisionAir Project Number: 2022-152

Analytical Method: TO-15
Analytical Basis: 030122AIR(1)



Client Sample ID: 20030-1410 WEBSTER-IA-2 Sample Collection START Date/Time: 2/24/22 8:29

Sample Collection END Date/Time: 2/25/22 8:26

EnvisionAir Sample Number: 22-845

Sample Received Date/Time: 2/28/22 13:45

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluo	3.5	49.5	
Ethyl Acetate	4.1	54.1	
Ethylbenzene	68	8.68	
Hexachloro-1,	.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-2-22/15:13		
Analyst Initials	tjg		

Client Name: ENVIROFORENSICS

Project ID: ECONO CARE

Client Project Manager: ROB HOVERMAN

EnvisionAir Project Number: 2022-152

Analytical Method: TO-15
Analytical Basis: 030122AIR(2)



Client Sample ID: 20030-1410 WEBSTER-SSV-1 Sample Collection START Date/Time: 2/25/22 9:01

Sample Collection END Date/Time: 2/25/22 9:06

EnvisionAir Sample Number: 22-846

Sample Received Date/Time: 2/28/22 13:45

Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluo	95	495	
Ethyl Acetate	41	541	
Ethylbenzene	3.8	86.8	
Hexachloro-1,	10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	< 31.9	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	3-3-22/15:35		
Analyst Initials	tjg		

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(1)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dic	< 50	50	
1,2,4-T	< 0.1	0.1	
1,2,4-T	< 1	1	
1,2-dib	< 0.0041	0.0041	1
1,2-Dic	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	109%		
Analysis Date/Time:	3-1-22/19:32		
Analyst Initials	tjg		

	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>RPD</u>	<u>Flag</u>
			<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>Rec.</u>		
Propyl	9.89	8.86	10	99%	89%	11.0%	
Dichloro	9.12	8.91	10	91%	89%	2.3%	
Chloromethane	9.09	10.4	10	91%	104%	13.4%	
Vinyl Chloride	10.9	9.93	10	109%	99%	9.3%	
1,3-Butadiene	10.8	10.2	10	108%	102%	5.7%	
Bromomethane	10.8	9.93	10	108%	99%	8.4%	
Chloroethane	8.6	9.01	10	86%	90%	4.7%	
Vinyl Bromide	10.1	10.4	10	101%	104%	2.9%	
Trichlorofluoromethane	9.94	10.4	10	99%	104%	4.5%	
Acetone	11.3	9.83	10	113%	98%	13.9%	
1,1-Dichloroethene	10.1	10.6	10	101%	106%	4.8%	
Methylene Chloride	10.1	10.5	10	101%	105%	3.9%	
Carbon Disulfide	9.82	9.75	10	98%	98%	0.7%	
trans-1,2-Dichloroethene	10.1	10	10	101%	100%	1.0%	
Methyl-tert-butyl ether	11	9.97	10	110%	100%	9.8%	
1,1-Dichloroethane	8.89	8.84	10	89%	88%	0.6%	
Vinyl Acetate	9.52	11.7	10	95%	117%	20.5%	2
N-Hexane	8.65	9.17	10	87%	92%	5.8%	
2-Butanone (MEK)	11.4	10.8	10	114%	108%	5.4%	
cis-1,2-Dichloroethene	10.8	10.8	10	108%	108%	0.0%	
Ethyl Acetate	11.1	9.65	10	111%	97%	14.0%	
Chloroform	10.1	9.98	10	101%	100%	1.2%	
Tetrahydrofuran	10.4	11.4	10	104%	114%	9.2%	
1,2-Dichloroethane	9.4	10.1	10	94%	101%	7.2%	
1,1,1-Trichloroethane	9.1	9.8	10	91%	98%	7.4%	
Carbon Tetrachloride	8.82	9.62	10	88%	96%	8.7%	
Benzene	8.25	8.89	10	83%	89%	7.5%	
Cyclohexane	8.6	9.52	10	86%	95%	10.2%	
1,2-Dichloropropane	8.09	8.82	10	81%	88%	8.6%	
Trichloroethene	9.46	10.4	10	95%	104%	9.5%	
Bromodichloromethane	9.05	9.77	10	91%	98%	7.7%	
1,4-Dioxane	10.6	10.5	10	106%	105%	0.9%	
Isooctane	9.22	9.97	10	92%	100%	7.8%	
N-Heptane	9.41	11.2	10	94%	112%	17.4%	
cis-1,3-Dichloropropene	9.46	9.98	10	95%	100%	5.3%	
4-Methyl-2-pentanone (MIBK)	9.42	10.2	10	94%	102%	8.0%	
trans-1,3-Dichloropropene	10.3	10.4	10	103%	104%	1.0%	
1,1,2-Trichloroethane	9.54	9.81	10	95%	98%	2.8%	
Toluene	9.93	10.2	10	99%	102%	2.7%	
2-Hexanone	9.73	10.1	10	97%	101%	3.7%	
Dibromochloromethane	9.96	10.9	10	100%	109%	9.0%	
1,2-dibromoethane (EDB)	10	10.7	10	100%	107%	6.8%	
Tetrachloroethene	9.6	10.3	10	96%	103%	7.0%	
Chlorobenzene	10.4	11	10	104%	110%	5.6%	
Ethylbenzene	9.96	10.6	10	100%	106%	6.2%	
m,p-Xylene	20.3	21.3	20	102%	107%	4.8%	
Bromoform	9.66	9.88	10	97%	99%	2.3%	

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	11.1	11.2	10	111%	112%	0.9%	
1,1,2,2-Tetrachloroethane	11	11.7	10	110%	117%	6.2%	
o-Xylene	9.58	10.2	10	96%	102%	6.3%	
4-Ethyltoluene	10.3	10.8	10	103%	108%	4.7%	
1,3,5-Trimethylbenzene	10.2	10.9	10	102%	109%	6.6%	
1,2,4-Trimethylbenzene	10.2	10.6	10	102%	106%	3.8%	
1,3-Dichlorobenzene	11.8	10.4	10	118%	104%	12.6%	
Benzyl Chloride	9.98	10.7	10	100%	107%	7.0%	
1,4-Dichlorobenzene	9.95	11	10	100%	110%	10.0%	
1,2-Dichlorobenzene	10.2	10.9	10	102%	109%	6.6%	
1,2,4-T	10.7	11.2	10	107%	112%	4.6%	
Hexachlorocyclopentadiene	10.2	11.3	10	102%	113%	10.2%	
Naphthalene	10.8	10.5	10	108%	105%	2.8%	
4-bromobiphenyl	92%	101%					
Analysis Date	3-1-22/18:55	3-1-22/21:39					
Analyst Initials	tjg	tjg					

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(2)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dic	< 50	50	
1,2,4-T	< 0.1	0.1	
1,2,4-T	< 1	1	
1,2-dib	< 0.0041	0.0041	1
1,2-Dic	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-2-22/21:50		
Analyst Initials	tjg		

	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>RPD</u>	<u>Flag</u>
			<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>Rec.</u>		
Propyl	10.6	9.5	10	106%	95%	10.9%	
Dichloro	8.22	9.93	10	82%	99%	18.8%	
Chloromethane	10.4	12	10	104%	120%	14.3%	
Vinyl Chloride	9.67	10	10	97%	100%	3.4%	
1,3-Butadiene	10.3	9.85	10	103%	99%	4.5%	
Bromomethane	11.4	9.98	10	114%	100%	13.3%	
Chloroethane	9.25	9.68	10	93%	97%	4.5%	
Vinyl Bromide	10.6	9.71	10	106%	97%	8.8%	
Trichlorofluoromethane	10.3	9.42	10	103%	94%	8.9%	
Acetone	10.6	10.7	10	106%	107%	0.9%	
1,1-Dichloroethene	10.4	10.4	10	104%	104%	0.0%	
Methylene Chloride	10.3	11.4	10	103%	114%	10.1%	
Carbon Disulfide	9.68	8.64	10	97%	86%	11.4%	
trans-1,2-Dichloroethene	9.76	9.23	10	98%	92%	5.6%	
Methyl-tert-butyl ether	9.91	8.62	10	99%	86%	13.9%	
1,1-Dichloroethane	9.8	9.63	10	98%	96%	1.7%	
Vinyl Acetate	10.5	9.7	10	105%	97%	7.9%	
N-Hexane	10	9.63	10	100%	96%	3.8%	
2-Butanone (MEK)	10.8	9.84	10	108%	98%	9.3%	
cis-1,2-Dichloroethene	10.6	9.19	10	106%	92%	14.2%	
Ethyl Acetate	10.9	9.64	10	109%	96%	12.3%	
Chloroform	9.96	8.76	10	100%	88%	12.8%	
Tetrahydrofuran	10.3	10.4	10	103%	104%	1.0%	
1,2-Dichloroethane	10.1	9.78	10	101%	98%	3.2%	
1,1,1-Trichloroethane	9.6	9.58	10	96%	96%	0.2%	
Carbon Tetrachloride	9.52	9.61	10	95%	96%	0.9%	
Benzene	8.46	9.34	10	85%	93%	9.9%	
Cyclohexane	9.18	9.5	10	92%	95%	3.4%	
1,2-Dichloropropane	8.45	9.5	10	85%	95%	11.7%	
Trichloroethene	9.84	10.2	10	98%	102%	3.6%	
Bromodichloromethane	9.46	9.49	10	95%	95%	0.3%	
1,4-Dioxane	10.7	10.8	10	107%	108%	0.9%	
Isooctane	9.49	9.49	10	95%	95%	0.0%	
N-Heptane	9.85	9.45	10	99%	95%	4.1%	
cis-1,3-Dichloropropene	9.61	10.1	10	96%	101%	5.0%	
4-Methyl-2-pentanone (MIBK)	10.5	10	10	105%	100%	4.9%	
trans-1,3-Dichloropropene	10.5	10.8	10	105%	108%	2.8%	
1,1,2-Trichloroethane	9.89	10.1	10	99%	101%	2.1%	
Toluene	9.93	10.3	10	99%	103%	3.7%	
2-Hexanone	10.3	10.1	10	103%	101%	2.0%	
Dibromochloromethane	9.59	9.9	10	96%	99%	3.2%	
1,2-dibromoethane (EDB)	9.44	10.3	10	94%	103%	8.7%	
Tetrachloroethene	9.16	9.77	10	92%	98%	6.4%	
Chlorobenzene	9.65	10.5	10	97%	105%	8.4%	
Ethylbenzene	9.33	9.62	10	93%	96%	3.1%	
m,p-Xylene	19.7	19.6	20	99%	98%	0.5%	
Bromoform	9.61	9.73	10	96%	97%	1.2%	

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.3	10.1	10	103%	101%	2.0%	
1,1,2,2-Tetrachloroethane	10.5	10	10	105%	100%	4.9%	
o-Xylene	8.95	9.18	10	90%	92%	2.5%	
4-Ethyltoluene	9.66	10.3	10	97%	103%	6.4%	
1,3,5-Trimethylbenzene	9.59	9.86	10	96%	99%	2.8%	
1,2,4-Trimethylbenzene	9.75	10.1	10	98%	101%	3.5%	
1,3-Dichlorobenzene	11	10.4	10	110%	104%	5.6%	
Benzyl Chloride	9.68	9.56	10	97%	96%	1.2%	
1,4-Dichlorobenzene	9.87	10.2	10	99%	102%	3.3%	
1,2-Dichlorobenzene	9.56	10.7	10	96%	107%	11.3%	
1,2,4-T	10.3	10.6	10	103%	106%	2.9%	
Hexachlorobenzene	10.4	10.3	10	104%	103%	1.0%	
Naphthalene	10	10.2	10	100%	102%	2.0%	
4-bromobenzophenone	115%	99%					
Analysis Date	3-2-22/18:55	3-2-22/21:15					
Analyst Initials	tjg	tjg					

Flag Number

Comments

1
2

Reporting limit is supported by MDL. TJG
RPD is biased high, but recoveries are within control. TJG 3/7/22

A handwritten signature in blue ink, appearing to be 'Robert H'.

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>EnviroForensics</u>	P.O. Number: <u>2022-0027</u> <u>2020-1421 R0</u>
Report Address: <u>rhawerman@enviroforensics.com</u>	Project Name or Number: <u>20030</u> <u>EconoCare</u>
Report To: <u>RobtHawerman</u>	Sampled by: <u>R Brown</u>
Phone: <u>262-290-4001</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: <u>accounts payable@enviroforensics.com</u>	Reporting Units needed: (circle) (ug/m³) mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List (Specify in notes)



Sampling Type:
 Soil-Gas:
 Sub-Slab:
 Indoor-Air:

www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>				Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
20030-1410 webster-1A-B	6LC	2-24-22	825	2-25-22	832	X			4664	07308	-28	-3	-3	22-843
20030-1410 webster-1A-1	↓	2-24-22	827	2-25-22	828				16028	07441	-28	0	0	22-844
20030-1410 webster-1A-2	↓	2-24-22	829	2-25-22	826				14886	08009	-28	-1	-1	22-845
20030-1410 webster-SSV-1	1LC	2-25-22	901	2-25-22	906	↓			86000	0016	-28	-5	-5	22-846

RobtH

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>RL</u>	2-25-22	1500	FedEx	2-25-22	1500
			<u>Y. Hamilton</u>	2-28-22	1345



March 18, 2022

Gary Parpovich
930 Derby Lane
Green Bay, Wisconsin 54301

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-05-514372

Dear Mr Parpovich:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 930 Derby Lane in Green Bay, Wisconsin. Indoor air, sub-slab and sump vapor samples were collected on February 24, 2022. The sampling activities are part of an environmental investigation being performed for the former Econo-Care Cleaners facility located at 1404 S Webster Avenue in Green Bay at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Econo-Care Cleaners (former)
1404 S Webster Avenue
Green Bay, WI

Sampling Results

Three indoor air samples were collected from within your home, 200030-930 Derby-IA-B, 200030-930 Derby-IA-1 and 200030-930 Derby-IA-2. One (1) sub-slab vapor sample (200030-930 Derby-SSV-1) was collected from beneath the floor of your home, as well as one (1) sample from the vapors in your sump (200030-930 Derby-Sump). The sampling locations are depicted on the attached **Figure 1**. The results of the indoor air and vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory report that relates to the indoor air and vapor samples is also attached.

There were no detections in the indoor air, sub slab or sump samples. At this time there is not a vapor risk to your building. We will contact you to to schedule the next sampling event, if needed. If you have any questions or concerns, please contact us at 262-510-0612 or by email at rhoverman@enviroforensics.com. The WDNR project manager, Josie Schultz, can be reached at 920-366-5685. We greatly appreciate your help and patience with this matter.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

Rob Hoverman, PG
Senior Project Manager

Copy: Josie Schultz, Wisconsin Department of Natural Resources

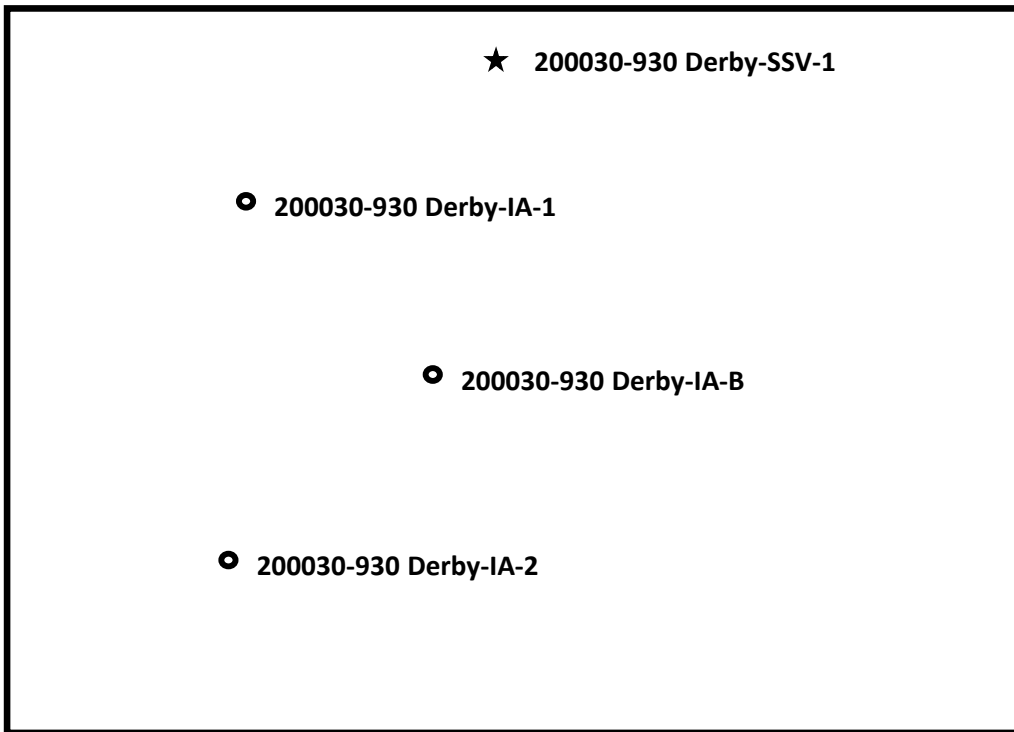
Attachments:

Figure 1 – Vapor Intrusion Sample Locations
Table 1 – Vapor Intrusion Analytical Results
Laboratory Analytical Report Excerpt

FIGURE 1
VAPOR INTRUSION SAMPLE LOCATIONS
930 Derby Lane, Green Bay, Wisconsin

Derby Lane

● 200030-OA



Legend

- = Indoor/Outdoor Air Sample
- IA-B = Basement
- IA-1 = 1st Floor
- IA-2 = 2nd Floor
- SSV-1 = Sub-Slab Vapor
- ★ = Sub-Slab Vapor Sampling Port Location



TABLE 1
VAPOR INTRUSION ASSESSMENT RESULTS SUMMARY

Former Econo Care Cleaners
1404 South Webster Avenue, Wisconsin

Address	Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	1,1 Dichloroethane	1, 1, 1-Trichloroethane
INDOOR/OUTDOOR AIR									
Residential Vapor Action Level			42	2.1	NE	NE	1.7	18	5200
930 Derby	IA-B	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	IA-1	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
	IA-2	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
Outdoor Air	OA	2/24/2022	<3.19	<1.07	<19.8	<39.6	<1.28	<4.05	<546
SUB-SLAB VAPOR									
Residential Vapor Risk Screening Level			1,400	70	NE	NE	57	590	170,000
930 Derby	SSV-1	2/24/2022	111	<10.7	<198	<396	<12.8	<40.5	<5460
SUMP VAPOR									
Residential Vapor Risk Screening Level			1,400	70	NE	NE	57	590	170,000
930 Derby	SUMP	2/24/2022	<31.9	<10.7	<198	<396	<12.8	<40.5	<5460

Notes:

Vapor Action and Risk Screening Levels are calculated according to WDNR Publication RR-800 and subsequent vapor intrusion guide

Results reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Samples analyzed according to EPA Method TO-15

NE = Screening/action level not established

Bolded values are above detection limits

Bolded and shaded values exceed the applicable screening or action level



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Rob Hoverman
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

March 7, 2022

EnvisionAir Project Number: 2022-156
Client Project Name: 200030 – Econo Care

Dear Mr. Hoverman,

Please find the attached analytical report for the samples received February 28, 2022. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "David Norris".

David Norris
Project Manager
EnvisionAir, LLC



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>	<u>START</u>	<u>End Date</u>	<u>End Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	<u>Lab</u>
			<u>Date</u>	<u>Time</u>							
22-856	200030-930 DERBY-IA-B	A	2/23/22	10:02	2/24/22	10:04	2/28/22	16:52	-28	-6	-6
22-857	200030-930 DERBY-IA-1	A	2/23/22	10:04	2/24/22	10:02	2/28/22	16:52	-29	0	0
22-858	200030-930 DERBY-IA-2	A	2/23/22	10:06	2/24/22	10:00	2/28/22	16:52	-28	0	0
22-859	200030-930 DERBY-SSV-1	A	2/24/22	10:31	2/24/22	10:36	2/28/22	16:52	-28	-4	-4
22-860	200030-930 DERBY-SUMP	A	2/24/22	10:51	2/24/22	10:55	2/28/22	16:52	-30	-4	-4



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-930 DERBY-IA-B
EnvisionAir Sample Number: 22-856
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 10:02
Sample Collection END Date/Time: 2/24/22 10:04
Sample Received Date/Time: 2/28/22 16:52

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	3-3-22/13:28		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-930 DERBY-IA-1
EnvisionAir Sample Number: 22-857
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 10:04
Sample Collection END Date/Time: 2/24/22 10:02
Sample Received Date/Time: 2/28/22 16:52

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	3-3-22/14:10		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Analytical Method: TO-15
Analytical Batch: 030122AIR(1)

Client Sample ID: 200030-930 DERBY-IA-2
EnvisionAir Sample Number: 22-858
Sample Matrix: AIR

Sample Collection START Date/Time: 2/23/22 10:06
Sample Collection END Date/Time: 2/24/22 10:00
Sample Received Date/Time: 2/28/22 16:52

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 492	492	
4-Methyl-2-pentanone (MIBK)	< 2050	2050	
1,1,1-Trichloroethane	< 546	546	
1,1,2,2-Tetrachloroethane	< 0.34	0.34	1
1,1,2-Trichloroethane	< 0.21	0.21	1
1,1-Dichloroethane	< 4.05	4.05	
1,1-Dichloroethene	< 198	198	
1,2,4-Trichlorobenzene	< 0.74	0.74	
1,2,4-Trimethylbenzene	< 4.92	4.92	
1,2-dibromoethane (EDB)	< 0.03	0.03	1
1,2-Dichlorobenzene	< 60.1	60.1	
1,2-Dichloroethane	< 0.40	0.40	
1,2-Dichloropropane	< 0.46	0.46	
1,3,5-Trimethylbenzene	< 4.92	4.92	
1,3-Butadiene	< 0.22	0.22	
1,3-Dichlorobenzene	< 60.1	60.1	
1,4-Dichlorobenzene	< 0.60	0.60	
1,4-Dioxane	< 1.80	1.80	
2-Butanone (MEK)	< 2950	2950	
2-Hexanone	< 20.5	20.5	
Acetone	< 2380	2380	
Benzene	< 1.60	1.60	
Benzyl Chloride	< 0.41	0.41	1
Bromodichloromethane	< 0.54	0.54	1
Bromoform	< 10.3	10.3	
Bromomethane	< 3.88	3.88	
Carbon Disulfide	< 311	311	
Carbon Tetrachloride	< 0.63	0.63	
Chlorobenzene	< 23.0	23.0	
Chloroethane	< 13.2	13.2	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 0.83	0.83	
Chloromethane	< 20.6	20.6	
cis-1,2-Dichloroethene	< 19.8	19.8	
cis-1,3-Dichloropropene	< 4.54	4.54	
Cyclohexane	< 5510	5510	
Dibromochloromethane	< 0.85	0.85	
Dichlorodifluoromethane	< 49.5	49.5	
Ethyl Acetate	< 54.1	54.1	
Ethylbenzene	< 8.68	8.68	
Hexachloro-1,3-butadiene	< 1.07	1.07	
Isooctane	< 467	467	
m,p-Xylene	< 43.4	43.4	
Methylene Chloride	< 41.7	41.7	
Methyl-tert-butyl ether	< 36.1	36.1	
N-Heptane	< 410	410	
N-Hexane	< 176	176	
Naphthalene	< 0.524	0.524	
o-Xylene	< 43.4	43.4	
Propylene	< 172	172	
Styrene	< 426	426	
Tetrachloroethene	< 3.19	3.19	
Tetrahydrofuran	< 295	295	
Toluene	< 3770	3770	
trans-1,2-Dichloroethene	< 39.6	39.6	
trans-1,3-Dichloropropene	< 4.54	4.54	
Trichloroethene	< 1.07	1.07	
Trichlorofluoromethane	< 562	562	
Vinyl Acetate	< 176	176	
Vinyl Bromide	< 0.44	0.44	
Vinyl Chloride	< 1.28	1.28	
4-bromofluorobenzene (surrogate)	108%		
Analysis Date/Time:	3-3-22/14:54		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Analytical Method: TO-15
Analytical Batch: 030122AIR(2)

Client Sample ID: 200030-930 DERBY-SSV-1 **Sample Collection START Date/Time:** 2/24/22 10:31
Sample Collection END Date/Time: 2/24/22 10:36
EnvisionAir Sample Number: 22-859 **Sample Received Date/Time:** 2/28/22 16:52
Sample Matrix: AIR

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluoromethane	< 495	495	
Ethyl Acetate	< 541	541	
Ethylbenzene	< 86.8	86.8	
Hexachloro-1,3-butadiene	< 10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	111	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-4-22/13:55		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 200030 - ECONO CARE
Client Project Manager: ROB HOVERMAN
EnvisionAir Project Number: 2022-156

Analytical Method: TO-15
Analytical Batch: 030422AIR(2)

Client Sample ID: 200030-930 DERBY-SUMP
EnvisionAir Sample Number: 22-860
Sample Matrix: AIR

Sample Collection START Date/Time: 2/24/22 10:51
Sample Collection END Date/Time: 2/24/22 10:55
Sample Received Date/Time: 2/28/22 16:52

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	
4-Methyl-2-pentanone (MIBK)	< 20500	20500	
1,1,1-Trichloroethane	< 5460	5460	
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1
1,1,2-Trichloroethane	< 2.10	2.10	1
1,1-Dichloroethane	< 40.5	40.5	
1,1-Dichloroethene	< 1980	1980	
1,2,4-Trichlorobenzene	< 7.42	7.42	
1,2,4-Trimethylbenzene	< 49.2	49.2	
1,2-dibromoethane (EDB)	< 0.32	0.32	1
1,2-Dichlorobenzene	< 601	601	
1,2-Dichloroethane	< 4.05	4.05	
1,2-Dichloropropane	< 4.62	4.62	
1,3,5-Trimethylbenzene	< 49.2	49.2	
1,3-Butadiene	< 2.21	2.21	
1,3-Dichlorobenzene	< 601	601	
1,4-Dichlorobenzene	< 6.01	6.01	
1,4-Dioxane	< 18.0	18.0	
2-Butanone (MEK)	< 29500	29500	
2-Hexanone	< 205	205	
Acetone	< 23800	23800	
Benzene	< 16.0	16.0	
Benzyl Chloride	< 4.14	4.14	1
Bromodichloromethane	< 5.36	5.36	1
Bromoform	< 103	103	
Bromomethane	< 38.8	38.8	
Carbon Disulfide	< 3110	3110	
Carbon Tetrachloride	< 6.29	6.29	
Chlorobenzene	< 230	230	
Chloroethane	< 132	132	



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	
Chloromethane	< 206	206	
cis-1,2-Dichloroethene	< 198	198	
cis-1,3-Dichloropropene	< 45.4	45.4	
Cyclohexane	< 55100	55100	
Dibromochloromethane	< 8.52	8.52	
Dichlorodifluoromethane	< 495	495	
Ethyl Acetate	< 541	541	
Ethylbenzene	< 86.8	86.8	
Hexachloro-1,3-butadiene	< 10.7	10.7	
Isooctane	< 4670	4670	
m,p-Xylene	< 434	434	
Methylene Chloride	< 417	417	
Methyl-tert-butyl ether	< 361	361	
N-Heptane	< 4100	4100	
N-Hexane	< 1760	1760	
Naphthalene	< 5.24	5.24	
o-Xylene	< 434	434	
Propylene	< 1720	1720	
Styrene	< 4260	4260	
Tetrachloroethene	< 31.9	31.9	
Tetrahydrofuran	< 2950	2950	
Toluene	< 37700	37700	
trans-1,2-Dichloroethene	< 396	396	
trans-1,3-Dichloropropene	< 45.4	45.4	
Trichloroethene	< 10.7	10.7	
Trichlorofluoromethane	< 5620	5620	
Vinyl Acetate	< 1760	1760	
Vinyl Bromide	< 4.37	4.37	
Vinyl Chloride	< 12.8	12.8	
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	3-4-22/14:35		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(1)

Method Blank (MB):	MB Results (ppbv)	Reporting Limit (ppbv)	Flags
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-2-22/21:50		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	10.6	9.5	10	106%	95%	10.9%			
Dichlorodifluoromethane	8.22	9.93	10	82%	99%	18.8%			
Chloromethane	10.4	12	10	104%	120%	14.3%			
Vinyl Chloride	9.67	10	10	97%	100%	3.4%			
1,3-Butadiene	10.3	9.85	10	103%	99%	4.5%			
Bromomethane	11.4	9.98	10	114%	100%	13.3%			
Chloroethane	9.25	9.68	10	93%	97%	4.5%			
Vinyl Bromide	10.6	9.71	10	106%	97%	8.8%			
Trichlorofluoromethane	10.3	9.42	10	103%	94%	8.9%			
Acetone	10.6	10.7	10	106%	107%	0.9%			
1,1-Dichloroethene	10.4	10.4	10	104%	104%	0.0%			
Methylene Chloride	10.3	11.4	10	103%	114%	10.1%			
Carbon Disulfide	9.68	8.64	10	97%	86%	11.4%			
trans-1,2-Dichloroethene	9.76	9.23	10	98%	92%	5.6%			
Methyl-tert-butyl ether	9.91	8.62	10	99%	86%	13.9%			
1,1-Dichloroethane	9.8	9.63	10	98%	96%	1.7%			
Vinyl Acetate	10.5	9.7	10	105%	97%	7.9%			
N-Hexane	10	9.63	10	100%	96%	3.8%			
2-Butanone (MEK)	10.8	9.84	10	108%	98%	9.3%			
cis-1,2-Dichloroethene	10.6	9.19	10	106%	92%	14.2%			
Ethyl Acetate	10.9	9.64	10	109%	96%	12.3%			
Chloroform	9.96	8.76	10	100%	88%	12.8%			
Tetrahydrofuran	10.3	10.4	10	103%	104%	1.0%			
1,2-Dichloroethane	10.1	9.78	10	101%	98%	3.2%			
1,1,1-Trichloroethane	9.6	9.58	10	96%	96%	0.2%			
Carbon Tetrachloride	9.52	9.61	10	95%	96%	0.9%			
Benzene	8.46	9.34	10	85%	93%	9.9%			
Cyclohexane	9.18	9.5	10	92%	95%	3.4%			
1,2-Dichloropropane	8.45	9.5	10	85%	95%	11.7%			
Trichloroethene	9.84	10.2	10	98%	102%	3.6%			
Bromodichloromethane	9.46	9.49	10	95%	95%	0.3%			
1,4-Dioxane	10.7	10.8	10	107%	108%	0.9%			
Isooctane	9.49	9.49	10	95%	95%	0.0%			
N-Heptane	9.85	9.45	10	99%	95%	4.1%			
cis-1,3-Dichloropropene	9.61	10.1	10	96%	101%	5.0%			
4-Methyl-2-pentanone (MIBK)	10.5	10	10	105%	100%	4.9%			
trans-1,3-Dichloropropene	10.5	10.8	10	105%	108%	2.8%			
1,1,2-Trichloroethane	9.89	10.1	10	99%	101%	2.1%			
Toluene	9.93	10.3	10	99%	103%	3.7%			
2-Hexanone	10.3	10.1	10	103%	101%	2.0%			
Dibromochloromethane	9.59	9.9	10	96%	99%	3.2%			
1,2-dibromoethane (EDB)	9.44	10.3	10	94%	103%	8.7%			
Tetrachloroethene	9.16	9.77	10	92%	98%	6.4%			
Chlorobenzene	9.65	10.5	10	97%	105%	8.4%			
Ethylbenzene	9.33	9.62	10	93%	96%	3.1%			
m,p-Xylene	19.7	19.6	20	99%	98%	0.5%			
Bromoform	9.61	9.73	10	96%	97%	1.2%			



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.3	10.1	10	103%	101%	2.0%	
1,1,2,2-Tetrachloroethane	10.5	10	10	105%	100%	4.9%	
o-Xylene	8.95	9.18	10	90%	92%	2.5%	
4-Ethyltoluene	9.66	10.3	10	97%	103%	6.4%	
1,3,5-Trimethylbenzene	9.59	9.86	10	96%	99%	2.8%	
1,2,4-Trimethylbenzene	9.75	10.1	10	98%	101%	3.5%	
1,3-Dichlorobenzene	11	10.4	10	110%	104%	5.6%	
Benzyl Chloride	9.68	9.56	10	97%	96%	1.2%	
1,4-Dichlorobenzene	9.87	10.2	10	99%	102%	3.3%	
1,2-Dichlorobenzene	9.56	10.7	10	96%	107%	11.3%	
1,2,4-Trichlorobenzene	10.3	10.6	10	103%	106%	2.9%	
Hexachloro-1,3-butadiene	10.4	10.3	10	104%	103%	1.0%	
Naphthalene	10	10.2	10	100%	102%	2.0%	
4-bromofluorobenzene (surrogate)	115%	99%					
Analysis Date/Time:	3-2-22/18:55	3-2-22/21:15					
Analyst Initials	tjg	tjg					



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 030122AIR(2)

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 15	15	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
Naphthalene	< 0.1	0.1	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	

Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichloroethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	105%		
Analysis Date/Time:	3-3-22/20:44		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u>	<u>LCS</u>	<u>LCSD</u>	<u>RPD</u>	<u>Flag</u>
			<u>Conc(ppbv)</u>	<u>Rec.</u>	<u>Rec.</u>		
Propylene	10.6	10.5	10	106%	105%	0.9%	
Dichlorodifluoromethane	9.44	10.5	10	94%	105%	10.6%	
Chloromethane	10.6	9.89	10	106%	99%	6.9%	
Vinyl Chloride	11	10.5	10	110%	105%	4.7%	
1,3-Butadiene	11.1	10.2	10	111%	102%	8.5%	
Bromomethane	9.7	10	10	97%	100%	3.0%	
Chloroethane	9.55	9.16	10	96%	92%	4.2%	
Vinyl Bromide	10.7	10.5	10	107%	105%	1.9%	
Trichlorofluoromethane	10.3	10.1	10	103%	101%	2.0%	
Acetone	9.15	9.58	10	92%	96%	4.6%	
1,1-Dichloroethene	9.36	9.23	10	94%	92%	1.4%	
Methylene Chloride	9.75	10.4	10	98%	104%	6.5%	
Carbon Disulfide	10.1	9.95	10	101%	100%	1.5%	
trans-1,2-Dichloroethene	9.68	9.91	10	97%	99%	2.3%	
Methyl-tert-butyl ether	10	9.83	10	100%	98%	1.7%	
1,1-Dichloroethane	8.46	9.37	10	85%	94%	10.2%	
Vinyl Acetate	10.6	10.3	10	106%	103%	2.9%	
N-Hexane	9.38	9.12	10	94%	91%	2.8%	
2-Butanone (MEK)	10.6	11.5	10	106%	115%	8.1%	
cis-1,2-Dichloroethene	10.2	9.98	10	102%	100%	2.2%	
Ethyl Acetate	11.5	11.3	10	115%	113%	1.8%	
Chloroform	9.3	9.35	10	93%	94%	0.5%	
Tetrahydrofuran	10.6	10	10	106%	100%	5.8%	
1,2-Dichloroethane	10.5	10.7	10	105%	107%	1.9%	
1,1,1-Trichloroethane	10.6	10.1	10	106%	101%	4.8%	
Carbon Tetrachloride	9.55	9.57	10	96%	96%	0.2%	
Benzene	10.9	9.18	10	109%	92%	17.1%	
Cyclohexane	9.24	9.26	10	92%	93%	0.2%	
1,2-Dichloropropane	8.5	9.34	10	85%	93%	9.4%	
Trichloroethene	9.73	9.88	10	97%	99%	1.5%	
Bromodichloromethane	9.45	9.81	10	95%	98%	3.7%	
1,4-Dioxane	9.56	9.76	10	96%	98%	2.1%	
Isooctane	9.83	10.1	10	98%	101%	2.7%	
N-Heptane	10.6	10.4	10	106%	104%	1.9%	
cis-1,3-Dichloropropene	9.86	9.64	10	99%	96%	2.3%	
4-Methyl-2-pentanone (MIBK)	10.7	10	10	107%	100%	6.8%	
trans-1,3-Dichloropropene	10.3	10.4	10	103%	104%	1.0%	
1,1,2-Trichloroethane	9.37	9.77	10	94%	98%	4.2%	
Toluene	9.54	9.66	10	95%	97%	1.3%	
2-Hexanone	11.1	10.2	10	111%	102%	8.5%	
Dibromochloromethane	9.54	9.57	10	95%	96%	0.3%	
1,2-dibromoethane (EDB)	9.06	9.74	10	91%	97%	7.2%	
Tetrachloroethene	9.18	9.36	10	92%	94%	1.9%	
Chlorobenzene	9.25	9.69	10	93%	97%	4.6%	
Ethylbenzene	9.33	9.56	10	93%	96%	2.4%	
m,p-Xylene	19.1	19.9	20	96%	100%	4.1%	
Bromoform	10.9	10.1	10	109%	101%	7.6%	



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D Conc(ppbv)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	10.1	10.3	10	101%	103%	2.0%	
1,1,2,2-Tetrachloroethane	10.1	10.9	10	101%	109%	7.6%	
o-Xylene	9.55	9.65	10	96%	97%	1.0%	
4-Ethyltoluene	9.62	9.96	10	96%	100%	3.5%	
1,3,5-Trimethylbenzene	9.61	9.96	10	96%	100%	3.6%	
1,2,4-Trimethylbenzene	9.76	10	10	98%	100%	2.4%	
1,3-Dichlorobenzene	11.6	10.5	10	116%	105%	10.0%	
Benzyl Chloride	10.3	10.7	10	103%	107%	3.8%	
1,4-Dichlorobenzene	10.2	10.5	10	102%	105%	2.9%	
1,2-Dichlorobenzene	9.74	9.93	10	97%	99%	1.9%	
1,2,4-Trichlorobenzene	10.4	10.8	10	104%	108%	3.8%	
Hexachloro-1,3-butadiene	10.6	9.84	10	106%	98%	7.4%	
Naphthalene	10.2	10.2	10	102%	102%	0.0%	
4-bromofluorobenzene (surrogate)	97%	101%					
Analysis Date/Time:	3-3-22/19:21	3-3-22/20:09					
Analyst Initials	tjg	tjg					



EnvisionAir
1441 Sadler Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Flag Number

1

Comments

Reporting limit is supported by MDL. TJG

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadler Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>EnviroForensics</u>	P.O. Number: <u>2022-0097</u>
Report <u>rhaerman@</u> Address: <u>enviroforensics.com</u>	Project Name or Number: <u>200030</u> <u>EconoCare</u>
Report To: <u>Rob Haverman</u>	Sampled by: <u>R Brown</u>
Phone: <u>262-290-4001</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address: <u>accounts payable@enviroforensics.com</u>	Reporting Units needed: (circle) ug/m³ mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List
TO-15 Short List (Specify in notes)



Sampling Type:
Soil-Gas:
Sub-Slab:
Indoor-Air:

www.envision-air.com

Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp Start)</small>	Coll. Time <small>(Grab/Comp Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>				Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
<u>200030-930 Derby-1A-B</u>	<u>6LC</u>	<u>2-23-22</u>	<u>1002</u>	<u>2-24-22</u>	<u>1004</u>	<u>X</u>			<u>17898</u>	<u>07691</u>	<u>-28</u>	<u>-6</u>	<u>-6</u>	<u>22-856</u>
<u>200030-930 Derby-1A-1</u>	<u>↓</u>	<u>↓</u>	<u>1004</u>	<u>↓</u>	<u>1002</u>	<u>↓</u>			<u>16032</u>	<u>07779</u>	<u>-29</u>	<u>0</u>	<u>0</u>	<u>22-857</u>
<u>200030-930 Derby-1A-2</u>	<u>↓</u>	<u>↓</u>	<u>1006</u>	<u>↓</u>	<u>1000</u>	<u>↓</u>			<u>4691</u>	<u>04653</u>	<u>-28</u>	<u>0</u>	<u>0</u>	<u>22-858</u>
<u>200030-930 Derby-SSV-1</u>	<u>1LC</u>	<u>2-24-22</u>	<u>1031</u>	<u>↓</u>	<u>1036</u>	<u>↓</u>			<u>84045</u>	<u>0052</u>	<u>-28</u>	<u>-4</u>	<u>-4</u>	<u>22-859</u>
<u>200030-930 Derby-SUMP</u>	<u>↓</u>	<u>↓</u>	<u>1051</u>	<u>↓</u>	<u>1055</u>	<u>↓</u>			<u>84134</u>	<u>0126</u>	<u>-30</u>	<u>-4</u>	<u>-4</u>	<u>22-860</u>

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>RLC</u>	<u>2-24-22</u>	<u>1130</u>	<u>FedEx</u>	<u>2-24-22</u>	<u>1130</u>
			<u>Cheryl Ann</u>	<u>2/28/22</u>	<u>10:52</u>