Feeney, John M - DNR

From: Ashley Wagner, PG <awagner@kapurinc.com>
Sent: Wednesday, November 03, 2021 3:17 PM
To: Feeney, John M - DNR
Subject: RE: Barton Products, BRRTS #: 02-67-579813
Attachments: Barton Products Vapor Analytical Tables.pdf

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.

Attached are the vapor tables for Barton Products. Please let me know if you need anything else.

I am available tomorrow morning 8-10:45, and 1-5. Feel free to call my cell as I will be working remote tomorrow, and in the field on Friday.

Thanks!

Ashley Wagner, PG
M: 262.719.5242
O: 414.410.5206

From: Feeney, John M - DNR <JohnM.Feeney@wisconsin.gov>
Sent: Wednesday, November 3, 2021 9:28 AM
To: Ashley Wagner, PG <awagner@kapurinc.com>
Subject: FW: Barton Products, BRRTS #: 02-67-579813

Ashley one more thing – do you have the results for indoor air vapor samples?

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

John Feeney
Phone: 262-416-8643
Johnm.feeney@wisconsin.gov

From: Feeney, John M - DNR
Sent: Tuesday, November 02, 2021 2:00 PM
To: Awagner@kapur.com
Subject: Barton Products, BRRTS #: 02-67-579813

Hi Ashley. Table A4 for Barton Products got cut off on the right side. Can you re-send it?

A.4: Vapor Analytical Results (Indoor Air)
Former Barton Products/PRISM MFG
4991 Hron Road, West Bend, Wisconsin

Indoor Air Vapor Action Levels						
Parameter	**Large Commercial/Industrial VAL - Indoor (ug/m3)**	**Small Commercial/Industrial VAL - Indoor (ug/m3)**	**VS-1**	**IAVS-1**	**IAVS-2**	**IAVS-3**
Date Sampled			**8/9/2018**	**3/5/2021**	**3/5/2021**	**3/5/2021**
Attenuation Factor	**0.01**	**0.03**				
1,1,1-Trichloroethane	22,000	22,000	2.2	<0.29	<0.29	<0.28
1,1,2,2-Tetrachloroethane			<0.51	<0.33	<0.33	<0.32
1,1,2-Trichloroethane			<0.44	<0.27	<0.26	<0.26
1,1,2-Trichlorotrifluoroethane			<0.99	0.58 J	0.59 J	0.60 J
1,1-Dichloroethane	77	77	<0.39	<0.20	<0.19	0.47 J
1,1-Dichloroethene	880	880	<0.48	<0.20	<0.19	<0.19
1,2,4-Trichlorobenzene			<6.5	<6.0	<5.9	<5.8
1,2,4-Trimethylbenzene	260	260	3.3	15.5	13.6	15.4
1,2-Dibromoethane (EDB)			<0.64	<0.36	<0.35	<0.35
1,2-Dichlorobenzene			<0.87	<1.1	<1.1	<1.1
1,2-Dichloroethane	4.7	4.7	<0.26	<0.20	<0.20	<0.20
1,2-Dichloropropane			<0.40	<0.28	<0.28	<0.27
1,3,5-Trimethylbenzene	260	260	1.3 J	5.3	4.3	4.9
1,3-Butadiene			<0.22	<0.17	<0.17	<0.16
1,3-Dichlorobenzene			<1.0	<1.3	<1.3	<1.2
1,4-Dichlorobenzene			<1.8	1.7 J	<1.5	<1.4
2-Butanone (MEK)			14.5	36.1	14.3	11.3
2-Hexanone			2.4 J	<1.2	<1.2	<1.2
2-Propanol			17.1	42.8	41.5	37.0
4-Ethyltoluene			1.1 J	4.8	4.4	4.8
4-Methyl-2-pentanone (MIBK)			<0.91	2.6 J	0.71 J	<0.17
Acetone			71.6	377.0	170.0	156.0
Benzene	16	16	6.0	0.7	0.6	0.5
Benzyl chloride			<2.1	<2.0	<2.0	<2.0
Bromodichloromethane			<0.64	<0.35	<0.35	<0.34
Bromoform			<2.5	<1.4	<1.4	<1.4
Bromomethane			<0.40	<0.28	<0.27	<0.27
Carbon disulfide			<0.38	<0.16	0.19 J	<0.15
Carbon tetrachloride	20	20	<0.75	<0.33	<0.32	0.44 J
Chlorobenzene			<0.48	<0.25	<0.24	<0.24
Chloroethane			<0.46	<0.21	<0.21	<0.21
Chloroform	5.3	5.3	<0.34	<0.23	<0.22	<0.22
Chloromethane	390	390	1.0	1.0	1.0	1.0
Cyclohexane			<0.62	23.4	15.2	14.7
Dibromochloromethane			<1.3	<0.51	<0.50	<0.49
Dichlorodifluoromethane	440	440	6.8	2.5	2.7	2.7
Dichlorotetrafluoroethane			<0.76	<0.38	<0.37	<0.36
Ethanol			41.8	599.0	422.0	435.0
Ethyl acetate			<0.33	72.8	25.0	24.7
Ethylbenzene	49	49	4.3	4.5	3.1	2.8
Hexachloro-1,3-butadiene			<3.4	<3.0	<2.9	<2.9
Methyl-tert-butyl ether	470	470	<1.2	<0.21	<0.20	<0.20
Methylene Chloride	2,600	2,600	3.9 J	7.2	3.8 J	3.2 J
Naphthalene	3.6	3.6	<2.3	<2.9	<2.9	<2.8
Propylene			4.2	<0.37	<0.37	<0.36
Styrene			18.1	0.76 J	0.69 J	0.61 J
Tetrachloroethene	180	180	3.7	0.70 J	<0.38	<0.37
Tetrahydrofuran			<0.46	<0.20	<0.20	<0.20
Toluene	22,000	22,000	23.6	979.0	781.0	766.0
Trichloroethene	8.8	8.8	<0.45	<0.33	<0.32	<0.31
Trichlorofluoromethane			11.1	1.4 J	1.3 J	1.4 J
Vinyl acetate			<0.47	<0.18	<0.17	<0.17
Vinyl chloride	28	28	<0.22	<0.13	<0.13	<0.13
cis-1,2-Dichloroethene			<0.38	<0.22	<0.21	<0.21
cis-1,3-Dichloropropene			<0.53	<0.25	<0.24	<0.24
m&p-Xylene			16.3	19.4	13.2	12.3
n-Heptane			8.4	47.1	25.6	20.9
n-Hexane			15.8	299.0	242.0	242.0
o-Xylene	440	440	6.0	8.3	6.0	5.7
trans-1,2-Dichloroethene			<0.50	<0.26	<0.25	<0.25
trans-1,3-Dichloropropene			<0.77	<1.0	<1.0	<0.99

NOTES:

All results are in micrograms per cubic meter ($\mu g/m^3$) unless noted otherwise
Concentrations exceeding the Small Commercial/Industrial Vapor Action Limit (VAL) are *italicized*
Concentrations exceeding the Large Commercial/Industrial Vapor Action Limit (VAL) are in **bold**
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

A.4.i: Vapor Analytical Results (Sub-Slab)
Former Barton Products/PRISM MFG
4991 Hron Road, West Bend, Wisconsin

Sub-Slab Vapor Risk Screening Levels								
Parameter	**Large Commercial/Industrial VRSL - SubSlab (ug/m3)**	**Small Commercial/Industrial VRSL - SubSlab (ug/m3)**	**VP-2**		**VP-3**		**VP-4**	
Date Sampled			**4/4/2019**	**9/23/2021**	**4/4/2019**	**9/23/2021**	**4/4/2019**	**9/23/2021**
Attenuation Factor	**0.01**	**0.03**						
1,1,1-Trichloroethane	2,200,000	730,000	<0.61	11.5	2820	48300	<0.52	273
1,1,2,2-Tetrachloroethane			<0.57	<0.50	<0.51	<0.54	<0.49	<5.5
1,1,2-Trichloroethane			<0.49	<0.26	<0.44	<0.28	<0.42	<2.9
1,1,2-Trichlorotrifluoroethane			<1.1	0.73 J	41.8	131	<0.95	24.9
1,1-Dichloroethane	7,700	2,600	<0.44	1.0 J	83.1	1230	<0.38	8.2 J
1,1-Dichloroethene	88,000	29,000	<0.54	0.30 J	195	2030	<0.46	<2.1
1,2,4-Trichlorobenzene			<7.3	<6.5	<6.5	<7.0	<6.2	<72.7
1,2,4-Trimethylbenzene	26,000	8,700	<0.89	5.1	<0.79	5.8	<0.76	6.3 J
1,2-Dibromoethane (EDB)			<0.72	<0.40	<0.64	<0.43	<0.61	<4.5
1,2-Dichlorobenzene			<0.98	<0.54	<0.87	<0.58	<0.84	<6.0
1,2-Dichloroethane	470	160	<0.29	2.5	<0.26	<0.28	<0.25	<2.9
1,2-Dichloropropane			<0.45	<0.36	<0.40	<0.39	<0.39	<4.0
1,3,5-Trimethylbenzene	26,000	8,700	<0.78	2.1	<0.70	1.8	<0.67	<4.3
1,3-Butadiene			<0.25	<0.16	<0.22	<0.17	<0.22	<1.8
1,3-Dichlorobenzene			<1.1	<0.68	<1.0	<0.73	<0.98	<7.6
1,4-Dichlorobenzene			<2.0	<1.2	<1.8	1.5 J	<1.7	<13.1
2-Butanone (MEK)			<0.72	18.2	14.5	14.9	5.0	21.0 J
2-Hexanone			<1.5	2.0 J	2.4 J	2.1 J	<1.3	<6.6
2-Propanol			14.2	215	4.7	14.4	5.7	113
4-Ethyltoluene			<1.1	2.7 J	<1.0	2.3 J	<0.96	<7.0
4-Methyl-2-pentanone (MIBK)			<1.0	44.7	<0.91	1.2 J	<0.87	<4.8
Acetone			19.7	162	28.9	60.9	22.5	126
Benzene	1,600	530	1.1	4.9	1.5	5.7	1.5	2.9 J
Benzyl chloride			<2.4	<1.2	<2.1	<1.3	<2.0	<13.3
Bromodichloromethane			<0.72	<0.32	<0.64	<0.34	<0.61	<3.5
Bromoform			<2.8	<2.2	<2.5	<2.3	<2.4	<24.1
Bromomethane			<0.44	0.43 J	<0.40	<0.22	<0.38	<2.2
Carbon disulfide			<0.43	4.9	<0.38	0.79 J	<0.37	2.6 J
Carbon tetrachloride	2,000	670	0.90 J	<0.38	<0.75	<0.40	<0.72	<4.2
Chlorobenzene			<0.54	<0.21	<0.48	<0.22	<0.46	<2.3
Chloroethane			<0.51	<0.30	<0.46	<0.32	<0.44	<3.3
Chloroform	530	180	<0.38	1.2	0.72 J	9.0	<0.33	<2.7
Chloromethane	39,000	13,000	0.76 J	3.5	0.70 J	<0.12	1.1	<1.3
Cyclohexane			1.0 J	47.2	1.4 J	6.6	1.3 J	7.3 J
Dibromochloromethane			<1.4	<0.69	<1.3	<0.74	<1.2	<7.7
Dichlorodifluoromethane	44,000	15,000	3.0	3.4	2.9	2.3	3.3	3.5 J
Dichlorotetrafluoroethane			<0.86	<0.27	<0.76	<0.29	<0.73	<3.0
Ethanol			14.7	1010	18.1	37.2	20.7	88.5
Ethyl acetate			<0.37	570	<0.33	0.96 J	<0.32	<2.0
Ethylbenzene	4,900	1,600	<0.60	15.8	<0.53	3.8	0.52 J	8.8 J
Hexachloro-1,3-butadiene			<3.9	<1.6	<3.4	<1.8	<3.3	<18.3
Methyl-tert-butyl ether	47,000	16,000	<1.3	<0.17	<1.2	<0.18	<1.1	<1.9
Methylene Chloride	260,000	87,000	2.6 J	21.2	15.7	<0.85	3.2 J	<8.8
Naphthalene	360	120	<2.6	<2.9	<2.3	<3.1	4.8	<32.3
Propylene			<0.28	<0.17	17.9	29	<0.24	<1.9
Styrene			<0.67	9.0	<0.60	0.76 J	<0.58	<5.7
Tetrachloroethene	18,000	6,000	<0.62	779	5.6	73.5	0.75 J	9.6 J
Tetrahydrofuran			<0.51	<0.24	<0.46	<0.26	<0.44	<2.7
Toluene	2,200,000	730,000	3.5	150	3.8	25.7	4.8	114
Trichloroethene	880	290	1.2	143	47.2	**1,390**	11.1	**964**
Trichlorofluoromethane			4.0	1.7	4.7	1.8	5.2	<3.5
Vinyl acetate			<0.53	10.4	<0.47	<0.30	<0.45	<3.1
Vinyl chloride	2,800	930	<0.25	<0.12	<0.22	<0.12	<0.21	<1.3
cis-1,2-Dichloroethene			<0.43	4.3	10.4	13.4	0.57 J	5.9 J
cis-1,3-Dichloropropene			<0.60	<0.34	<0.53	<0.37	<0.51	<3.8
m&p-Xylene	44,000	15,000	1.7 J	58.1	1.9 J	6.0	2.0 J	23.6 J
n-Heptane			<0.74	8.3	<0.66	10.2	<0.64	8.8 J
n-Hexane			2.6	16.4	5.2	11.7	3.7	19.9
o-Xylene	44,000	15,000	<0.67	26.4	0.62 J	2.6	<0.58	8.8 J
trans-1,2-Dichloroethene			<0.56	<0.23	0.94 J	7.1	<0.48	3.1 J
trans-1,3-Dichloropropene			<0.86	<0.73	<0.77	<0.78	<0.74	<8.1

NOTES:

All results are in micrograms per cubic meter ($\mu g/m^3$) unless noted otherwise
Concentrations exceeding the Small Commercial/Industrial Vapor Risk Screening Levels Vapor Risk Screening Levels are *italicized*
Concentrations exceeding the Large Commercial/Industrial Vapor Risk Screening Levels Vapor Risk Screening Levels are in **bold**
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
**Please Note: Vapor point VP-1 could not be sampled due the well being frozen or obstructed/compromised*