MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:			
City or Town:	Peabody		Address:	2 5th Street - Lifoam					Location:	
Date Sampled:	7/12/16	Time:	9:00 PM	Field ID:	A-3	Collector:	Fire Services		North Side of Building	
Date Analyzed:	7/12/16	Time:	9:26 PM	Lab ID:	009	Analyst:	Fitzgerald			

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane	**0.095**	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.001	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene	**1.3**	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	**0.17**	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	**0.053**	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	**0.0069**	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	**3.2**	0.001	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	**0.012**	0.001	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	**0.0018**	0.001	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	**0.0026**	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.003	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 6/22/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	2.8	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:			
City or Town:	Peabody		Address:	2 5th Street (Lifoam)						Location:
Date Sampled:	7/12/16	Time:	9:00 PM	Field ID:	A-2	Collector:	Fire Services			vent on south side of building
Date Analyzed:	7/12/16	Time:	9:35 PM	Lab ID:	009	Analyst:	Fitzgerald			

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	N.D.	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	0.001	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	0.00086	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.0002	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	1.1	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	0.00088	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.25	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	0.00069	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	0.069	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	0.025	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	1.7	0.005	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	0.015	0.003	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.005	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag

Instrument: HAPSITE Smart Plus GC/MS Method: FAST TO-14 Last Calib: 4/22/16 Reporting Limit (RL) is lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	9	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

COMMENTS:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA				RTN:	0
City or Town:	Peabody		Address:	Farm Ave					Location:
Date Sampled:	7/12/16	Time:	10:00 PM	Field ID:	A-4	Collector:	Clark		Farm Ave at #1
Date Analyzed:	7/12/16	Time:	10:27 PM	Lab ID:	010	Analyst:	Fitzgerald		

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane	**0.011**	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.001	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene	**0.015**	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	**0.0026**	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	N.D.	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	**0.044**	0.001	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.001	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.003	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 6/22/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #650				Location:
Date Sampled:	7/12/16	Time:	10:08 PM	Field ID:	A-5	Collector:	Clark	
Date Analyzed:	7/12/16	Time:	10:45 PM	Lab ID:	011	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	N.D.	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	0.00037	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.0002	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	0.0019	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0037	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	0.00059	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	0.0093	0.005	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.003	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.005	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag

Instrument: HAPSITE Smart Plus GC/MS Method: FAST TO-14 Last Calib: 4/22/16 Reporting Limit (RL) is lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #540				Location:
Date Sampled:	7/12/16	Time:	10:12 PM	Field ID:	A-6	Collector:	Clark	
Date Analyzed:	7/12/16	Time:	11:01 PM	Lab ID:	011	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane	0.0055	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.001	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene	0.017	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0031	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	N.D.	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	0.038	0.001	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.001	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.003	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 6/22/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #460				Location:
Date Sampled:	7/12/16	Time:	10:14 PM	Field ID:	A-7	Collector:	Clark	
Date Analyzed:	7/12/16	Time:	11:16 PM	Lab ID:	012	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	N.D.	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.0002	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	**0.048**	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	**0.0077**	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	**0.00058**	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	**0.0021**	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	**0.043**	0.005	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.003	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.005	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag

Instrument: HAPSITE Smart Plus GC/MS Method: FAST TO-14 Last Calib: 4/22/16 Reporting Limit (RL) is lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #460				Location:
Date Sampled:	7/12/16	Time:	11:48 PM	Field ID:	A-8	Collector:	Clark	
Date Analyzed:	7/13/16	Time:	12:12 AM	Lab ID:	001	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	N.D.	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	0.00022	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.0002	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	0.027	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0075	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	0.0027	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	0.046	0.005	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.003	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.005	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag

Instrument: HAPSITE Smart Plus GC/MS Method: FAST TO-14 Last Calib: 4/22/16 Reporting Limit (RL) is lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at # 540				Location:
Date Sampled:	7/12/16	Time:	11:50 PM	Field ID:	A-9	Collector:	Clark	
Date Analyzed:	7/13/16	Time:	12:05 AM	Lab ID:	001	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane	0.0027	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.001	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene	N.D.	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	N.D.	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	N.D.	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	0.0088	0.001	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.001	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.003	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 6/22/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #540				Location:
Date Sampled:	7/13/16	Time:	10:05 AM	Field ID:	A-10	Collector:	Giddings	
Date Analyzed:	7/13/16	Time:	12:27 PM	Lab ID:	004	Analyst:	Fitzgerald	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane	0.0019	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	N.D.	0.001	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene	N.D.	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0012	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	N.D.	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	0.0042	0.001	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.001	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.001	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.003	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 6/22/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA			RTN:	0
City or Town:	Peabody		Address:	Jubilee Drive at #480				Location:
Date Sampled:	7/13/16	Time:	10:12 AM	Field ID:	A-11	Collector:	Giddings	
Date Analyzed:	7/13/16	Time:	12:40 PM	Lab ID:	004	Analyst:	Clark	

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	0.002	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	0.00024	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane	N.D.	0.0002	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	0.0011	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0016	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	0.00031	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	N.D.	0.005	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*	N.D.	0.003	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*	N.D.	0.002	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*	N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*	N.D.	0.005	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag

Instrument: HAPSITE Smart Plus GC/MS Method: FAST TO-14 Last Calib: 4/22/16 Reporting Limit (RL) is lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	1	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments:

MassDEP Field Assessment and Support Team (FAST)				AIR SCREENING DATA				RTN:	0
City or Town:	Peabody		Address:	Farm Ave at Jubilee					Location:
Date Sampled:	7/13/16	Time:	10:18 AM	Field ID:	A-12	Collector:	Giddings		
Date Analyzed:	7/13/16	Time:	1:12 PM	Lab ID:	005	Analyst:	Fitzgerald		

Method Analytes	Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
	Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride	N.D.	0.0002	250	70	0.06	0.001	150	1	2.58
Chloroethane	N.D.	0.002	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane	0.00023	0.0002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene	N.D.	0.0002	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride	N.D.	0.0002	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane	N.D.	0.0002	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane	N.D.	0.0002	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene	N.D.	0.0002	140	140	0.088	0.009	8.5	100	3.97
Chloroform	N.D.	0.0002	0.03	0.01	0.01	<0.001	43	2	4.87
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1,1,1-Trichloroethane	N.D.	0.0002	230	230	9.5	0.95	6	NA	5.46
Benzene	0.0018	0.0002	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride	N.D.	0.0002	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane	N.D.	0.0002	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene	N.D.	0.0002	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene	N.D.	0.0002	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene	N.D.	0.0002	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane	N.D.	0.0002	5	0.1	0.02	<0.001	NA	10	5.46
Toluene	0.0017	0.0002	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane	N.D.	0.0002	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene	N.D.	0.0002	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene	N.D.	0.0002	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene	0.00047	0.0002	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)	N.D.	0.002	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*	N.D.	0.005	20	20	0.059	0.01	0.16	50	4.25
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1,1,2,2-Tetrachloroethane*	N.D.	0.0002	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*	N.D.	0.005	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*	N.D.	0.003	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*	N.D.	0.002	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*	N.D.	0.001	13	0.33	0.33	0.033	25	50	6.01
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Comments: