Draft Sewer Gas Sampling Analytical Results
Former Amphenol Facility
EPA ID # IND 044 587 848
Franklin, IN 46131

IDEM RCG Screening Levels ($\mu g/m^3$)	Parameters	Sewer Gas Sampling Locations ($\mu g/m^3$)			
Residential Indoor Air	**Sample Location**	Storm Sewer Manhole	Storm Sewer Manhole	Storm Sewer Manhole	Storm Sewer Manhole
		On-site, northern portion of study area, near MW-22	On-site, northern portion of study area, southwest of MW-12R	Hamilton Avenue, northern portion of study area, at intersection with Hurricane Road	Agricultural field, northern portion of study area, east of manhole SS-East 1
	Sample ID	MH SS-North	MH SS-South	MH SS-East 1	MH SS-East 2
	Sample Date	9/17/2018	9/17/2018	9/17/2018	9/17/2018
18	1,1-Dichloroethane	<0.086	<0.088	0.73	0.12
1.1	1,2-Dichloroethane	<0.086	<0.088	<0.086	0.12
N/A	cis-1,2-Dichloroethene	<0.085	0.11	0.53	0.12
N/A	trans-1,2-Dichloroethene	<0.085	<0.087	<0.085	<0.090
630	Methylene chloride	10.3	11.6	9.8	11.4
42	Tetrachloroethylene (PCE)	22.9	32.9	**71.5**	10.6
5,200	1,1,1-Trichloroethane	0.60	0.63	7.7	1.0
2.1	Trichlorethylene (TCE)	1.8	**2.1**	**14.6**	**2.7**
1.7	Vinyl Chloride	<0.055	<0.056	<0.055	<0.058
N/A	Total VOCs	35.60	47.34	104.86	26.06

Notes:

1. All samples collected by IWM Consulting personnel and analyzed at Pace Analytical Services, LLC located in Minneapolis, MN.
2. All VOCs analyzed using EPA Method TO-15 except for TCE, 1,2 DCA, and Vinyl Chloride, which were analyzed using EPA Method TO-15 SIM.
3. All results in $\mu g/m^3$.
4. N/A: not applicable (risk-based screening levels have not been developed).
5. IWM Consulting personnel obtained all of the sewer gas samples utilizing a 1-liter summa canister equipped with an 10-minute flow regulator (~100 mL/minute flow rate).
6. Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) Screening Levels correspond to the levels published in Appendix A, Table A-6 of the RCG, updated March 4, 2019.
7. **Bolded** concentrations exceed the IDEM RCG Residential Indoor Air Screening Level.

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