






Table 1: Sub-Slab, Indoor, & Outdoor Air Quality Laboratory Results, Whitefish Bay Cleaners, 419 West Silver Spring Drive, Glendale, Wisconsin

Sample Point	Sample Address	Vacuum Testing of Sampling Fittings** (Pass/Fail)	Helium Shroud QA/QC Testing		Date Sampled	Date Analyzed	Sample Location	Sample Duration (hours)	Sample Duration (minutes)	Detected Volatile Organic Compounds (micrograms per cubic meter)					
			Helium Concentration Under Shroud (% He)	Helium Concentration in Sample (%)						1,1,1-Trichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Residential VRSL (micrograms per cubic meter)							Sub-Slab Residential (AF = 0.03)	173,667	NSL	1,390	1,390	70	56		
							Indoor Residential Air (AF = 1)	5,210	NSL	42	42	2	2		
Small-Commercial / Indoor Worker VRSL (micrograms per cubic meter)							Sub-Slab Commercial (AF = 0.03)	730,000	NSL	5,833	5,833	292	930		
							Indoor Commercial Air (AF = 1)	21,900	NSL	175	175	9	28		
Outdoor Worker VRSL (micrograms per cubic meter)							Outdoor Air (AF = 1)	24,300	NSL	195	195	10	31		
OUT	419 W. Silver Spring Dr.	N/A	N/A	N/A	06/03/21	06/09/21	Outdoor Air	7	56	<0.21	<0.13	330	<0.35	0.14 J	<0.072
429-A	429 W. Silver Spring Dr.	N/A	N/A	N/A	06/03/21	06/08/21	Indoor Commercial Air	7	47	<0.21	<0.13	34	<0.35	<0.13	<0.072
429-S	429 W. Silver Spring Dr.	Pass	N/A	N/A	06/03/21	06/09/21	Commercial sub-slab	0	28	<1.3	<0.79	3100	<2.1	1.1 J	<0.43
407-A	407 W. Silver Spring Dr.	N/A	N/A	N/A	06/03/21	06/08/21	Indoor Commercial Air	7	47	<0.21	<0.13	71	<0.35	<0.13	<0.072
407-S	407 W. Silver Spring Dr.	Pass	26.0%	0%	06/03/21	06/10/21	Commercial sub-slab	0	23	<0.21	<0.13	69	<0.35	<0.13	<0.072
5575-A	5575 N. Mohawk Ave.	N/A	N/A	N/A	06/03-04/2021	06/10/21	Indoor Residential Air	23	45	<0.21	<0.13	3.3	<0.35	<0.13	<0.072
5575-S	5575 N. Mohawk Ave.	Pass	32.0%	0%	06/03/21	06/10/21	Residential sub-slab	0	35	<0.21	<0.13	11	<0.35	<0.13	<0.072

Note: Target Hazard Quotient (THQ) of 1 and Target Risk (TR) of 1E-05 per RR-800 (WDNR, January 2018)
 AF = attenuation factor
 NSL = no screening level assigned from USEPA Regional Screening Level (RSL) Table - November 2020
 VAL = vapor action level
 VRSL = vapor risk screening level
 <x = analyte was not detected at a concentration greater than "x"
 x = analyte exceeds applicable target air concentration
 "J" = analyte exceeds the limit of detection but is below the limit of quantification
 ** = a vacuum of greater than 5 inches of mercury was applied to the hoses and fittings used to collect each sample. A passing grade was given if no drop in vacuum was observed after at least 1 minute
 N/A = Not applicable

 = Concentration exceeds residential sub-slab soil vapor VRSL
 = Concentration exceeds residential indoor air VRSL
 = Concentration exceeds commercial sub-slab soil vapor VRSL
 = Concentration exceeds commercial indoor air VRSL
 = Concentration exceeds outdoor worker air VRSL

All screening levels were determined based upon the guidance provided in the WDNR WI Vapor Quick Look-Up Table - Indoor Air Vapor Action Levels (WDNR, 2017) and Vapor Risk Screening Levels, (WDNR, November 2020). The VAL and VRSLs were determined from the USEPA Regional Screening Level (RSL) Table - May 2021 per WDNR Publication RR-800 - Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin (WDNR, January 2018).

