

MEMORANDUM

DATE : August 14, 2023

TO : Shane LaFave / Roers Companies, LLC

FROM : Pratap Singh, Ph.D., PE / KSingh

SUBJECT : Testing Results for Week Ending 08/12/2023
Community Within the Corridor - East Block

COPY TO : Que El-Amin / Scott Crawford, Inc., Robert Reineke, PE, Robert Fedorchak, PE
Project #40441B

The purpose of this memorandum is to report the test results of the work performed as a part of the emergency response for the referenced project for the week ending 08/12/2023. Test results from the soil borings are also attached.

Attachments

KSingh has included the following attachments, figures and tables for reference:

- Figure 1: CWC EB Floor Plan
- Tables 1-5: Indoor Air Monitoring Results by Date
- Table 6: Comprehensive Vacuum Measurements (inches H₂O)
- Table 7: Comprehensive Data Table – Indoor Air
- Table 8: Comprehensive Data Table – Sub-Slab Vapor TCE
- Attachment A: Soil Investigation Report

East Building Level 1

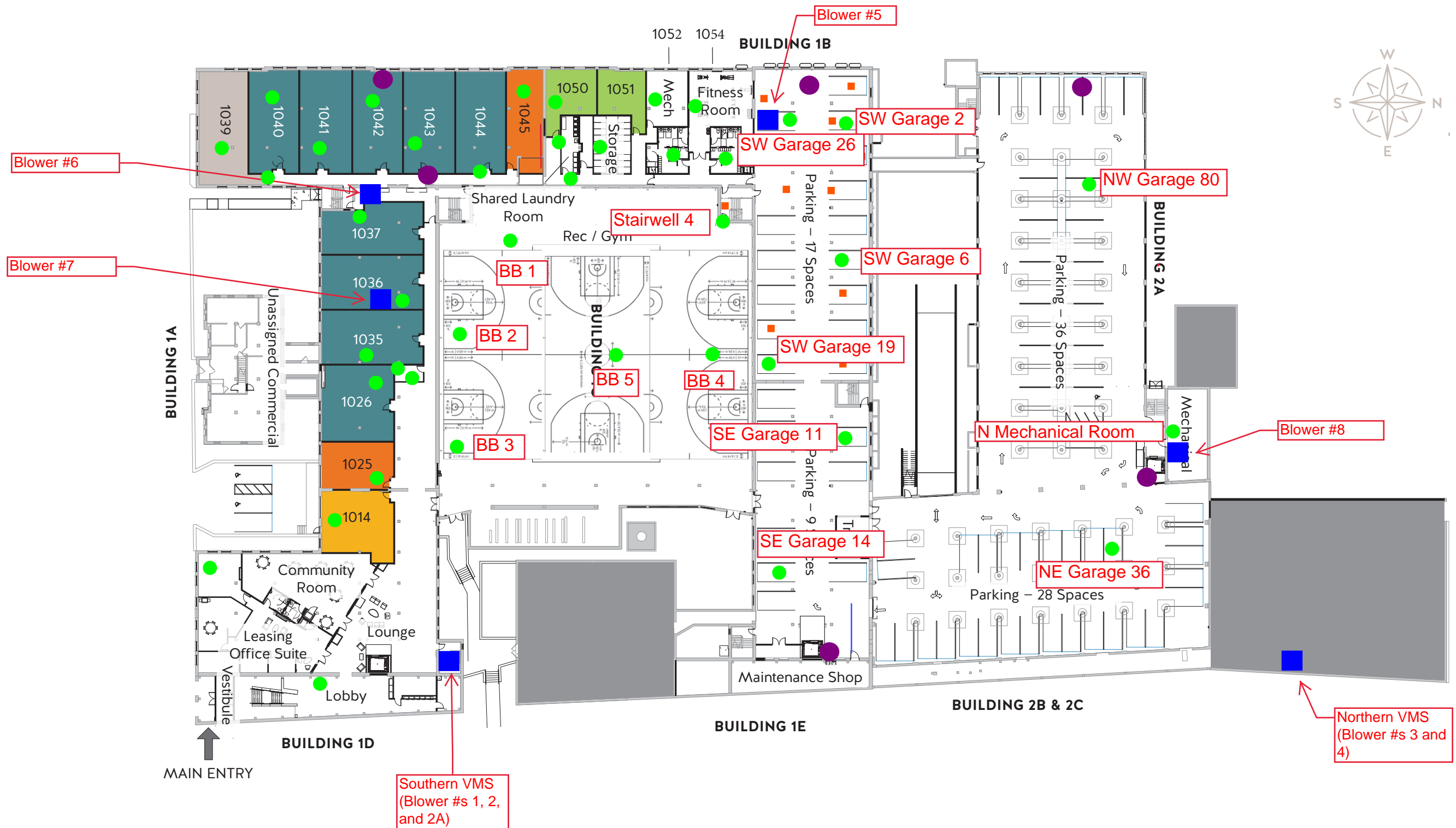


Figure 1. Locations of Access Points, Additional Sumps and Drains, Blowers for Vapor Mitigation System, and Vapor Pins

Tables 1 - 5
Monitoring Results by Date
On-site EPA Method TO-14 Data

Instrument: SRI 8610 Gas Chromatograph with ECD
Operator: Sameer Neve, Ph.D. ENV SP / KSingh

Table 1: Indoor Air Monitoring Results from 08/07/2023

Sample Location	Sample Time	TCE ($\mu\text{g}/\text{m}^3$)	> 8.8 $\mu\text{g}/\text{m}^3$
1 st Floor Hallway	9: 06 AM	1.68	-
Unit 1049	9: 14 AM	<0.6	-
Unit 1056	9: 23 AM	<0.6	-
Unit 1048	9: 34 AM	1.22	-
Unit 1045	10: 34 AM	1.72	-
1 st Floor Hallway	11: 10 AM	<0.6	-

**Method Detection Limit = 0.6 $\mu\text{g}/\text{m}^3$

Table 2: Indoor Air Monitoring Results from 08/08/2023

Sample Location	Sample Time	TCE ($\mu\text{g}/\text{m}^3$)	> 8.8 $\mu\text{g}/\text{m}^3$
Outside 1051	9: 41 AM	<0.6	-
Storage Room	10: 00 AM	1.99	-
Mechanical Room	10: 10 AM	<0.6	-
Laundry Room	10: 29 AM	<0.6	-
Unit 1050	10: 34 AM	0.71	-
Unit 1045	10: 43 AM	1.87	-
Unit 1044	10: 52 AM	0.68	-
1 st Floor Hallway	10: 57 AM	<0.6	-

**Method Detection Limit = 0.6 $\mu\text{g}/\text{m}^3$

Table 3: Indoor Air Monitoring Results from 08/09/2023

Sample Location	Sample Time	TCE ($\mu\text{g}/\text{m}^3$)	> 8.8 $\mu\text{g}/\text{m}^3$
Storage Room	9: 01 AM	13.2	Y
Mechanical Room	9: 08 AM	0.62	-
Laundry Room	9: 17 AM	<0.6	-
1 st Floor Hallway	9: 26 AM	0.75	-
Storage Room	9: 34 AM	4.69	-
1 st Floor Hallway	9: 43 AM	0.76	-
Storage Room	11: 52 AM	<0.6	-

**Method Detection Limit = 0.6 $\mu\text{g}/\text{m}^3$

Table 4: Sub-Slab Monitoring Results from 08/10/2023

Sample Location	Sample Time	TCE ($\mu\text{g}/\text{m}^3$)	> 8.8 $\mu\text{g}/\text{m}^3$
Unit 1045	8: 55 AM	1.04	-
Unit 1045	10: 00 AM	1.46	-
1 st Floor Hallway	10: 12 AM	< 0.6	-
Unit 1049	10: 45 AM	< 0.6	-
1 st Floor Hallway	10: 57 AM	< 0.6	-
Unit 1045	11: 05 AM	2.95	-

**Method Detection Limit = 0.6 $\mu\text{g}/\text{m}^3$

Table 5: Monitoring Results from 08/11/2023

Sample Location	Sample Time	TCE ($\mu\text{g}/\text{m}^3$)	> 8.8 $\mu\text{g}/\text{m}^3$
Outside 1051	8: 03 AM	<0.6	-
Mechanical Room	8: 12 AM	<0.6	-
Laundry Room	8: 22 AM	0.72	-
1 st Floor Hallway	8: 33 AM	<0.6	-
Mechanical Room	9: 26 AM	<0.6	-
1 st Floor Hallway	10: 04 AM	<0.6	-
Storage Room	1: 52 PM	3.6	-
Laundry Room	1: 42 PM	2.0	-

**Method Detection Limit = 0.6 $\mu\text{g}/\text{m}^3$

Table 6: Comprehensive Vacuum Measurements (inches H₂O)

Note	Blowers 2A, 5, 6, 7 - Obar @ 90% Blowers 1, 2 - Obar @ 50%					Average
Date	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug	
Time						
Location						
1055		-0.408	-0.411	-0.432	-0.444	-0.424
1054		-0.871	-0.841	-0.868	-0.867	-0.862
1053		-0.416	-0.421	-0.437	-0.435	-0.427
Oppo. 1054	-0.287	-0.29	-0.278	-0.296	-0.288	-0.288
Stairwell 4	-0.001	0	0	0	0	0.000
1052		-0.741	-0.728	-0.794	-0.781	-0.761
1051	Active Construction Zone. No Vapor Pins.					
1049						
1048						
1050						
Out 1050						
1045						
Out 1044	-0.085	-0.099	-0.098	-0.091	-0.095	-0.094
1043	-0.058	-0.068	-0.067	-0.054	-0.062	-0.062
1042	-0.046	-0.061	-0.058	-0.029	-0.044	-0.048
1041	-0.086	-0.101	-0.103	-0.098	-0.098	-0.097
1040	-0.084	-0.099	-0.094	-0.088	-0.099	-0.093
Out 1040	-0.122	-0.144	-0.148	-0.142	-0.155	-0.142
1039	-0.021	-0.035	-0.039	-0.037	-0.031	-0.033
1037	-0.133	-0.166	-0.164	-0.162	-0.156	-0.156
1036	-0.309		-0.324	-0.323	-0.309	-0.316
1035	-0.192		-0.212	-0.183	-0.179	-0.192
Out 1035	-0.192		-0.089	-0.083	-0.082	-0.112
1058 E	-0.142	-0.146	-0.163	-0.125	-0.121	-0.139
1058 W	-0.182	-0.178	-0.191	-0.167	-0.165	-0.177
1026	-0.233	-0.233	-0.239	-0.202	-0.199	-0.221
1025	-0.21	-0.204	-0.198	-0.141	-0.145	-0.180
1014	-0.81	-0.831	-0.813	-0.561	-0.552	-0.713
1011		-0.216	-0.206	-0.137	-0.135	-0.174
SE Lobby		-2.048	-2.053	-1.399	-1.402	-1.726

BB 1	-0.049	-0.67	-0.68	-0.056	-0.051	-0.301
BB 2	<i>Active Construction Zone. No Vapor Pins.</i>					
BB 3	-0.149	-0.167	-0.166	-0.127	-0.122	-0.146
BB 4	-0.035	-0.052	-0.051	-0.023	-0.026	-0.037
BB 5	-0.07	-0.076	-0.077	-0.049	-0.053	-0.065
SW Garage (2)	<i>Active Construction Zone. No Vapor Pins.</i>					
SW Garage (26)	-0.294	-0.294	-0.296	-0.289	-0.284	-0.291
SW Garage (6)	0	0	0	0	0	0.000
SW Garage (19)	0	-0.012	-0.011	-0.01	-0.012	-0.009
SE Garage (11)	-0.011	-0.011	-0.014	-0.02	-0.022	-0.016
SE Garage (14)	-0.04	-0.041	-0.042	-0.048	-0.052	-0.045
NW Garage (80)	-0.03	-0.029	-0.03	-0.05	-0.047	-0.037
NE Garage (36)	-1.65	-1.625	-1.665	-1.678	-1.668	-1.657
N Mech Room	<i>Active Construction Zone. No Vapor Pins.</i>					

Red highlighted cells indicate values below the desired level on -0.01 in H₂O

Community Within the Corridor - East Block

Table 7 - Discrete Sampling Test Results - March/April 2023

Sample Location	30-Mar	31-Mar	1-Apr	3-Apr	4-Apr	5-Apr	6-Apr	7-Apr	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	17-Apr	18-Apr	19-Apr	20-Apr	21-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr
1045 Entry Floor Hole			400																					
1045 North Wall			360																					
1045 Wood Column			1500								352													
1050 South Wall Hole			8000																					
1st Floor Hallway Center	15				3.5	17.7	64	25	81.1	35		42.7	63.3	106	181	147	8.5	22.4	7.4	7.8		4.7	17.7	2.7
1st Floor Hallway North	10																							
1st Floor Hallway South	5.2																							
2081 Hallway		0																						
2nd Floor Corridor North		0																						
2nd Floor Corridor South		0																						
2nd Floor Hallway Center	0.7											3	3.6											
2nd Floor Hallway North	0.8	0																						
2nd Floor Hallway South	0.8																							
Stairwell 2	3.2	2																			4.5			2.9
2nd Floor Stairwell 4		0																				12.4		
2nd Floor Stairwell 8		0																						
3rd Floor Corridor			0																					
3rd Floor Hallway Center			0									3.3	2											
3rd Floor Hallway South	0																							
3rd Floor Stairwell 2	3.4					2.1																		
Stairwell 3			0.6																					
3rd Floor Stairwell 4			0.7																				11.2	
Basket Ball Court	0.3																					12		
Basket Ball Court 2	0																						7.5	6.3
Basket Ball Court 3																								
Basket Ball Court 4																								
Elevator	0																							
Fitness Center										49.6	43.7		28.1								29.3			
Front Lobby		0																				4		
NW Garage	0.6																							
N Garage	0																						0	
SE Garage	0.8																							7.7
Hallway Outside 3021			0																					
Hallway Outside 3035			0																					
Hallway Outside 3065			0.7																					
N Mechanical Room										6.26	2.4	5.9	14.8	7	7.3	7.2	5.3	7.9		10	7	7.2	7.8	4.5
Men's Locker Room						60.7	123		122		428	82.9				161	131		23.7	28.3				
Women's Locker Room																								
Powerhouse																						0.7	3.2	
Unit 1002 - Postboxes																								
Unit 1006	0.3	0															4.3				1.4			
SSD Vent Pipe #1 - S - 7.5 HP			13	22	24.5	22	24.8	24	26.7	26.2	28	28	30.3	31.4	34.6	28.2	36.4	33.1	35.2	32		31.4	28.6	
SSD Vent Pipe #2 - S - 10 HP			26	30	21.9	16.4	18.7	17.2	44.4	19.5	19	47.7	29.3	57.8	20.5	17.1	19.8	21.4	20.9	20.7		20.6	28.5	
SSD Vent Pipe #3 - N - 7.5 HP					17.6	2.2	3	5	3.3	3	4.3	11.9	7.17	16.7	11.3	9.4	8.1	5.3	6.1	7.2		43.5	6.1	
SSD Vent Pipe #4 - N - 10 HP					41.2	29.5	33	39	37	38.7	39.1	29.3	44	41.9	36.8	38.2	35	42.8	43.1	46.3		5.7	44.4	
SW Garage																	11.3	21						20.3
Stairwell 4	1.6					2.2			2.7	2.6				14.4		7								
Stairwell 6																								
Stairwell 7																								
Unit 1011																								
Unit 1014										0														
Unit 1025	0							0.96									3.6						4.8	
Unit 1026	0.3									0														
Unit 1035	0.3																							
Unit 1036	0.5																							
Unit 1037	2										0.9													
Unit 1039	4.7										11.4	8										3.4		
Unit 1040	10.3			12.7								14.5				21.2	22.6							
Unit 1041	11.6							19.9		16.8	14.4													
Unit 1042	11.4									16.2	15.2												12.6	9.3
Unit 1043	17.6					21.6	31.3				24													
Unit 1044	56				77	95				69.7	84.5													
Unit 1045	350		293	298	287	272	267	279	28.9	230	352	236	151.5	124	336	115	283	61	127	116	112	221	51.3	26.6
Unit 1048																								
Unit 1049																								
Unit 1050	160		137	143	110	348	280	108	135	114	706	145	60	118	142	149	110	77.8	131	138	152	113	71.7	199
Unit 1051	19					23		25.4			45.3													

Unit 1052					72.5	88.7	96.6	95.7	128	103	88.6	51.4	38.4			70.5			57.2	70.3		72		20.2			
Unit 1056					24.8																		44				
Unit 1057																											
Unit 1058																											
Unit 1079																											
Unit 2014																											
Unit 2015																											
Unit 2016			0																								
Unit 2017			0																								
Unit 2022			0																								
Unit 2025			0																								
Unit 2036			0																				0				
Unit 2037			0																								
Unit 2039			0									2.5	2.5														
Unit 2040			0					0															0				
Unit 2042			0																								
Unit 2043			0.4	0																							
Unit 2044			0																								
Unit 2045	23	18				8		9	2.9			3.7	5.2														
Unit 2049																											
Unit 2056	60	52				42.2	24.7	49.2	9.6			3.4	6.6										1.5				
Unit 2057			4.7																								
Unit 2058	3.8	4.2				8.5			3.8																		
Unit 2059	0.3	0																									
Unit 2061			0																								
Unit 2062			0																								
Unit 2063																											
Unit 2064	0					1																					
Unit 2065																											
Unit 2068																											
Unit 2077	0					1.6																					
Unit 2079																											
Unit 2111			0																								
Unit 2112																											
Unit 2114																											
Unit 2116																											
Unit 3014																											
Unit 3015			0						0																		
Unit 3016																											
Unit 3017																											
Unit 3020																											
Unit 3021																											
Unit 3023																											
Unit 3025																								0			
Unit 3035			0																								
Unit 3036			0																								
Unit 3037			0					2	ND																		
Unit 3039			0										1.8														
Unit 3040			0																					0			
Unit 3041			0																								
Unit 3042			0																								
Unit 3043			0																								
Unit 3044			0																								
Unit 3045			6.6									2.7	2.7														
Unit 3056	6	9.6				2.4		5.13	0.9			2.4	2.4										0				
Unit 3057			0																								
Unit 3058			0																								
Unit 3059			0																								
Unit 3061			0																								
Unit 3062			0																								
Unit 3063																											
Unit 3079																											
Unit 3092																											

Community Within the Corridor - East Block

Table 7 - Discrete Sampling Test Results - May 2023

Sample Location	1-May	2-May	3-May	4-May	5-May	8-May	9-May	10-May	11-May	12-May	15-May	16-May	17-May	18-May	19-May	22-May	23-May	24-May	25-May	26-May	30-May	31-May	
1045 Entry Floor Hole																							
1045 North Wall																							
1045 Wood Column																							
1050 South Wall Hole																							
1st Floor Hallway Center		14	9	3.5	2.3		3.49							21.2	3.48	5.39				2.38	3.6		
1st Floor Hallway North																							
1st Floor Hallway South									0.947	1.92	1.96		0										
2081 Hallway																							
2nd Floor Corridor North																							
2nd Floor Corridor South																							
2nd Floor Hallway Center								4.69			4.2										2.74		
2nd Floor Hallway North																							
2nd Floor Hallway South																							
Stairwell 2								4.15															
2nd Floor Stairwell 4						7.19																	
2nd Floor Stairwell 8																							
3rd Floor Corridor																							
3rd Floor Hallway Center											1.7										1.71		
3rd Floor Hallway South																							
3rd Floor Stairwell 2				2.35																			
Stairwell 3								3.9															
3rd Floor Stairwell 4																							
Basket Ball Court														1.84			8.96						
Basket Ball Court 2		2.2		3	2.3	0.624			1.02					1.53			0						
Basket Ball Court 3														1.56			0.536						
Basket Ball Court 4														0.816			0.734						
Elevator																							
Fitness Center								29				33.8	21	21	24.5	16.6		42.5	15.1		24.2		
Front Lobby																							
NW Garage													14			0.62							
N Garage										1.78			0.607		0	0.63		0.776					
SE Garage																6.6		0.6					
Hallway Outside 3021																							
Hallway Outside 3035																							
Hallway Outside 3065																							
N Mechanical Room	13.7	11.5			10.1	10.9	11.8		6.89		10.7						0.737						
Men's Locker Room	58	31.6					53.3				52.3	7.62								21.7			
Women's Locker Room					45															25.8			
Powerhouse																							
Unit 1002 - Postboxes																						0	
Unit 1006	2.97							2.4			1.7						0.737					0	
SSD Vent Pipe #1 - S - 7.5 HP	26.1	27.9			25.7		26.2		21.9				27.01		26.7			7.04					19.6
SSD Vent Pipe #2 - S - 10 HP	1.2				20		15.7		18.7				18.2		19.3			11.1					33.8
SSD Vent Pipe #3 - N - 7.5 HP	8.6				5.9		4.97		0				3.47		3.41			1.85					4.8
SSD Vent Pipe #4 - N - 10 HP	38.3				37.7		22.4		4.83				31.1		21.9			4.7					20.2
SW Garage	25.2			26.1		23.6	25.5		21.4				0.683	1.15	0	7.84							
Stairwell 4		12											9.03										
Stairwell 6											6												
Stairwell 7																							
Unit 1011								2.61	0														
Unit 1014																						0	
Unit 1025																	1.1	0		0	0		
Unit 1026								1.67	0	0												0.7	
Unit 1035																						1.1	
Unit 1036								1.37									4.59				2.37	1.2	
Unit 1037																							3.7
Unit 1039			1.4									5.18				6.06			1.19				8.1
Unit 1040								11.2	7.37			7.25							5.29				11.5
Unit 1041				13								7.07							9.13				10.9
Unit 1042		15.5					11.9	13.1			8.22	13.6	6.61	0.53	1.42	5.16		3.88	10.1		5.3		
Unit 1043												117							12.2				11.7
Unit 1044												37.6							29.3				37.8
Unit 1045	90.3	132	121		220	38.4	33.8		17.2	14.3	22.6	9.82	60.7		14.9	24.1	46.3	13.7	38.1		103	26	

Unit 1048									86.2							45.7					
Unit 1049					142			159	96.9							66.1		21.4			30.3
Unit 1050	231	194	186	95.5	174	67.5	297		80.2	75.7	228	77.9		103	90.7	90.9	88.5	147	170	116	78.4
Unit 1051												52.7					39.8	18.2			
Unit 1052	73.6	62.6	340		76		70.7					55.7				32		16.8			21.1
Unit 1056																					
Unit 1057																				0	
Unit 1058																1.46			0		
Unit 1079										152											
Unit 2014			48.8						0												
Unit 2015								0.77													
Unit 2016																					
Unit 2017																					
Unit 2022																					
Unit 2025																					
Unit 2036																					
Unit 2037																					
Unit 2039								0.77													
Unit 2040																					
Unit 2042				2.5																	
Unit 2043																					
Unit 2044																					
Unit 2045			19.1			1.36				0.99			1.97		2.99				11.8		
Unit 2049									1.07												
Unit 2056										1.11		5.89		11.5					66.4		
Unit 2057						1.24		0.64													
Unit 2058				2.9																	
Unit 2059																					
Unit 2061																					
Unit 2062																					
Unit 2063																					
Unit 2064						1.78															
Unit 2065																					
Unit 2068																					
Unit 2077				1.7		0.838															
Unit 2079																					
Unit 2111																	0				
Unit 2112																					
Unit 2114																					
Unit 2116																					
Unit 3014																					
Unit 3015																					
Unit 3016																					
Unit 3017																					
Unit 3020																					
Unit 3021																					
Unit 3023										0											
Unit 3025																					
Unit 3035																					
Unit 3036																					
Unit 3037																					
Unit 3039																					
Unit 3040																					
Unit 3041				2.45																	
Unit 3042																					
Unit 3043																					
Unit 3044																					
Unit 3045						0									3.75				8.11		
Unit 3056															1.21				6.99		
Unit 3057																					
Unit 3058						0															
Unit 3059																					
Unit 3061																					
Unit 3062																					
Unit 3063						0															
Unit 3079																					
Unit 3092				1.67																	

Community Within the Corridor - East Block

Table 7 - Discrete Sampling Test Results - June/July 2023

Sample Location	1-Jun	5-Jun	7-Jun	8-Jun	9-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	23-Jun	26-Jun	3-Jul	10-Jul	11-Jul	12-Jul	14-Jul	19-Jul	21-Jul	26-Jul	28-Jul	
1045 Entry Floor Hole																						
1045 North Wall																						
1045 Wood Column																						
1050 South Wall Hole																						
1st Floor Hallway Center							0.24							0.1								
1st Floor Hallway North																						
1st Floor Hallway South					0.4												0.39	0	0	0	0	
2081 Hallway																						
2nd Floor Corridor North																						
2nd Floor Corridor South																						
2nd Floor Hallway Center					0.42									0.1								
2nd Floor Hallway North																						
2nd Floor Hallway South																						
Stairwell 2																						
2nd Floor Stairwell 4																						
2nd Floor Stairwell 8																						
3rd Floor Corridor																						
3rd Floor Hallway Center						0.47								0.1								
3rd Floor Hallway South																						
3rd Floor Stairwell 2																						
Stairwell 3					0.1		0.23										0.42	0	0	0	0	
3rd Floor Stairwell 4																						
Basket Ball Court					2.65							0.2										
Basket Ball Court 2																	0.48	0.34	0.19	0	0.23	
Basket Ball Court 3							0.24															
Basket Ball Court 4																						
Elevator																						
Fitness Center	16.1	4.2		0.4			0.29	0.55				0.49	0.69									
Front Lobby																	0.56	0.21	0.23	0.26	0.37	
NW Garage						0.85	0															
N Garage							0.27															
SE Garage							0.23															
Hallway Outside 3021																						
Hallway Outside 3035																						
Hallway Outside 3065																						
N Mechanical Room	1.5					7.7	3.4					2.2	2.86									
Men's Locker Room				0.5				0.2				0.56	0.47	0.6								
Women's Locker Room				0.4				0.5														
Powerhouse																						
Unit 1002 - Postboxes																						
Unit 1006							0.21															
SSD Vent Pipe #1 - S - 7.5 HP						21.7																
SSD Vent Pipe #2 - S - 10 HP						18.4																
SSD Vent Pipe #3 - N - 7.5 HP																						

SSD Vent Pipe #4 - N - 10 HP																													
SW Garage							0.3					0.33																	
Stairwell 4		3					0.34					0.33	0.2																
Stairwell 6																													
Stairwell 7																													
Unit 1011																													
Unit 1014							0.21					0			0.1														
Unit 1025							0.31																						
Unit 1026															0.1														
Unit 1035							0.22					0.28	0.1		0.1														
Unit 1036			6.9				0.26					0.3																	
Unit 1037							0.46					0.35	0.1		0.1														
Unit 1039							0.7	0.3				0.27	0.19		0.1														
Unit 1040							0.6						0.24																
Unit 1041							0.51									0.19	1.66	0.24	0.22	0.24	0.42								
Unit 1042		4	19.2	0.8								0.24	0.1			0.1	0.82	0.21	0	0	0.26								
Unit 1043							0.53				0.32				1.19														
Unit 1044		65.2	11.7	1.7							1.85				3.2	1.67	1.79					1.76	2.1	1.4	0.92	0.83	0.92		
Unit 1045	23.3		14.4	2.4	5.26	3.84	3.33	2.99	2.88	2.57																			
Unit 1048	121	19.8	13.5	0.33							0.43				0.72	0.1	0.55												
Unit 1049	21.8	23.6		1.2							0.58				2.5	1.03													
Unit 1050	60.4	27.3	10.3	3.4	3.05	2.28	1.95	2.12	2.17	1.62																			
Unit 1051	16.9				0.76						0.38												0.26	1.35	0.27	0.24	0.23	0.41	
Unit 1052	14.5			0.23							0.36				0.35	0.1													
Unit 1056	14.6																												
Unit 1057																													
Unit 1058											0.21				0.34														
Unit 1079																													
Unit 2014											0.35												0.1	0.54	0	0	0.6	0	
Unit 2015																													
Unit 2016															0.1														
Unit 2017															0.1														
Unit 2022																													
Unit 2025																													
Unit 2036																													
Unit 2037																													
Unit 2039																													
Unit 2040																													
Unit 2042																													
Unit 2043																													
Unit 2044																													
Unit 2045																													
Unit 2049																													
Unit 2056																								0.1	1.23	0.41	0.5	0.48	0.6
Unit 2057																								0.1	0.49	1.09	0	0	0.28
Unit 2058																								0.1	1.05	0.97	0	0	0.24
Unit 2059																								0.1	0.21	0.77	0	0	0.27
Unit 2061																													

Unit 2062																				
Unit 2063																				
Unit 2064																				
Unit 2065																				
Unit 2068																				
Unit 2077																				
Unit 2079																				
Unit 2111																				
Unit 2112																				
Unit 2114																				
Unit 2116																				
Unit 3014																				
Unit 3015																				
Unit 3016																				
Unit 3017																				
Unit 3020																				
Unit 3021																				
Unit 3023																				
Unit 3025																				
Unit 3035																				
Unit 3036																				
Unit 3037																				
Unit 3039																				
Unit 3040																				
Unit 3041																				
Unit 3042																				
Unit 3043																				
Unit 3044																				
Unit 3045																				
Unit 3056																				
Unit 3057																				
Unit 3058																				
Unit 3059																				
Unit 3061																				
Unit 3062																				
Unit 3063																				
Unit 3079																				
Unit 3092																				

Sample Location	1-Aug	2-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug
1045 Entry Floor Hole							
1045 North Wall							
1045 Wood Column							
1050 South Wall Hole							
1st Floor Hallway Center				< 0.6	0.75	< 0.6	< 0.6
1st Floor Hallway North							
1st Floor Hallway South							
2081 Hallway							
2nd Floor Corridor North							
2nd Floor Corridor South							
2nd Floor Hallway Center							
2nd Floor Hallway North							
2nd Floor Hallway South							
Stairwell 2							
2nd Floor Stairwell 4							
2nd Floor Stairwell 8							
3rd Floor Corridor							
3rd Floor Hallway Center							
3rd Floor Hallway South							
3rd Floor Stairwell 2							
Stairwell 3							
3rd Floor Stairwell 4							
Basket Ball Court							
Basket Ball Court 2							
Basket Ball Court 3							
Basket Ball Court 4							
Elevator							

Fitness Center							
Front Lobby							
NW Garage							
N Garage							
SE Garage							
Hallway Outside 3021							
Hallway Outside 3035							
Hallway Outside 3065							
N Mechanical Room							
Men's Locker Room							
Women's Locker Room							
Powerhouse							
Unit 1002 - Postboxes							
Unit 1006							
SSD Vent Pipe #1 - S - 7.5 HP							
SSD Vent Pipe #2 - S - 10 HP							
SSD Vent Pipe #3 - N - 7.5 HP							
SSD Vent Pipe #4 - N - 10 HP							
SW Garage							
Stairwell 4							
Stairwell 6							
Stairwell 7							
Unit 1011							
Unit 1014							
Unit 1025							
Unit 1026							
Unit 1035							
Unit 1036							
Unit 1037							
Unit 1039							
Unit 1040							
Unit 1041							
Unit 1042		< 0.6					
Unit 1043							
Unit 1044	< 0.6	< 0.6		0.68			
Unit 1045			1.72	1.87		2.95	

Unit 1048	0.76		1.22	< 0.6	< 0.6		2
Unit 1049	< 0.6	0.63	< 0.6	1.99	< 0.6	< 0.6	3.6
Unit 1050				0.71			
Unit 1051		< 0.6		< 0.6			
Unit 1052							
Unit 1056			< 0.6	< 0.6	0.62		< 0.6
Unit 1057							
Unit 1058							
Unit 1079							
Unit 2014							
Unit 2015							
Unit 2016							
Unit 2017							
Unit 2022							
Unit 2025							
Unit 2036							
Unit 2037							
Unit 2039							
Unit 2040							
Unit 2042							
Unit 2043							
Unit 2044							
Unit 2045							
Unit 2049							
Unit 2056							
Unit 2057							
Unit 2058							
Unit 2059							
Unit 2061							
Unit 2062							
Unit 2063							
Unit 2064							
Unit 2065							
Unit 2068							
Unit 2077							
Unit 2079							
Unit 2111							
Unit 2112							
Unit 2114							
Unit 2116							
Unit 3014							
Unit 3015							
Unit 3016							
Unit 3017							
Unit 3020							
Unit 3021							
Unit 3023							

Table 8: Comprehensive Data Table – Sub-Slab Vapor TCE

Green cells indicate the VRSL levels below the DNR limit of 70 ug/m3											
Location		Week of 6/3	Week of 6/17	Week of 6/24	Week of 7/1	Week of 7/8	Week of 7/15	Week of 7/22	Week of 7/29	Week of 8/5	Week of 8/12
1055	Women's Locker Room		46.5	17.3	13.5	25.8	9.89	0.36	8.72	6.45	12.9
1054	Fitness Room	596	0.8	4.8	0.483	2.6	2.23	0.44	2.52	0.58	1.99
1053	Men's Locker Room		102.3	71.31	55.7	76.2	26.5	27.3	13.4	24.9	20.9
Oppo. 1054			58.9	55.6	46.9	48.2	53.3	31.5	33.6	25.3	21.3
Stairwell 4			252.5	6.3	27.4	22.1	14.2	11.7	0.68	25.9	8.11
1052	Mechanical Room		63.9	38.1	14.9	5.96	4.97	3.1	0.75	1.26	2.44
1051			47.3	32.4	22.7	25.8	12.6	7.55	9.86	NA	NA
1049	Storage Room	426	2.6	3.38	1.76	2	2.25	1.01	1.31	2.06	26.5
1048	Laundry Room	322	679	572	561	637	556	538	386	NA	68.8
1050		1443	303.4	377	265	283	275	235	187	NA	NA
Out 1050		971	113.1	10.1	64.1	46.3	72.8	68.1	47.2	NA	16.1
1045		750	271.6	206	253	238	222	204	232	183	62.6
Out 1044		456	380.5	364	419	205	376	430	275	457	513
1043			178.5	185	7.92	14.3	10.7	7.49	9.26	5.26	3.57
1042		11.8	15.93	10.4	2.67	1.22	6.43	7.05	5.25	3.78	1.48
1041			108.7	13.2	4.48	4.24	18.8	6.52	7.14	37.6	1.12
1040		1.6	11.7	16.1	3.22	1.13	3.83	7.8	11.6	1.31	0.207
1040 - out				21.3	3.1	10.3	5	25.9	4.08	1.61	<0.6
1039		23.5	62.2	4.3	15.2	23.8	16.5	4.1	12.6	14.7	13.9
1037			240.4	4.3	11.04	50.1	43.7	13.8	9.37	2.85	1.45
1036			17.2	5.5	2.85	10.2	6.13	3.06	2.68	3	1.33
1035			0.8	7	0.534	1.4	1.61	5.18	1.2	0.79	<0.6
1035 - out			87	55.4	73.2	98.9	95.1	16.9	2.54	5.93	1.38
1058 E	Electric Room		433.8	1.5	87	307	181	117	45.7	1.63	13.4
1058 W	Electric Room		73.3	6.99	0.1	5.3	3.19	8.7	6.3	2.2	3.1
1026			16.7	6.6	7.39	20.8	14.8	10.4	7.38	3.8	4.02
1025			2.2	2.1	1.01	10.5	2.15	1.54	3.08	1.05	<0.6
1014			23.9	2.2	21.2	124	44.7	38.9	57.9	8.71	16.1
1011	Conference Room		17.5	1.6	1.5	5.24	0.6	2.47	2.38	1.05	<0.6
SE Lobby	Near Exit	328	0.46	0.5	0.1	0.37	0.1	2.15	0.79	2.75	<0.6
BB 1	SW of the Gym			73	25.1	553	571	0.62	421	14.7	358
BB 2	South part of the Gym		30.8	1.5	286	65	43	18.9	40.5	1.05	1
BB 3	SE part of the Gym		2.2	1.6	0.733	1.05	7.5	97.9	4.55	0.55	1.4
BB 4	N of the Gym		2.6	1.9	0.569	0.77	3.37	1.22	2.21	1.58	<0.6
BB 5	Center of the Gym		58.9	1.9	27.5	87	86.5	1.23	26	20.4	<0.6
SW Garage (2)			227.4	63.7	300	307	317	230.7	125	0.6	<0.6
SW Garage (26)						24.3	22.3	12.7	21.7	14.2	13.9
SW Garage (6)						43.9	2.7	2.11	0.46	1.2	<0.6
SW Garage (19)						7.49	2.61	1.93	0.44	0.62	<0.6
SE Garage (11)						49.5	17.8	1.89	0.5	1.57	<0.6
SE Garage (14)			10.3	1.6	1.24	2.02	1.99	1.3	0.4	0.65	<0.6
NW Garage (80)			141.5	4.7	12.7	27.2	21.2	17.4	8.6	24.8	22.3
NE Garage (36)			24.8	2.8	9.87	13	6.07	5.1	32.9	10.5	<0.6
N Mech Room			60.2	147	27.07	18.7	0.98	15.3	7.36	17.9	3.64

Attachment A

MEMORANDUM

DATE : August 12, 2023

TO : Jane Pfeiffer / WDNR Project Manager

FROM : Pratap Singh, Ph. D., PE / KSingh

SUBJECT : Soil Borings Report for Southwest Garage
Community Within the Corridor - East Block

COPY TO : Shane LaFave/Roers Companies, LLC, Que El-Amin/Scott Crawford, Inc., Rob
Fedorchak, PE, Robert Reineke, PE, Angy Singh, Ph.D., Project #40441B

The purpose of this memorandum is to document the findings of environmental testing conducted at the Southwest (SW) Garage of CWC East Block.

Background

In order to remediate the VOC contamination, depressurization system was installed throughout the area of the East Block and regular monitoring of the system is conducted by measuring the vacuum and sub-slab Trichloroethene (TCE) concentration through the vapor pins installed at specific location. The existing Vapor Mitigation System (VMS) had resulted in sufficient vacuum for most parts of the East Block. However, there was a lack of vacuum in the SW Garage. In addition to this, the sub-slab vapor demonstrated elevated levels of TCE in this area. To further investigate the cause of low vacuum and elevated sub-slab vapor concentrations, additional soils investigation and testing was conducted in the SW Garage area. The findings of the environmental testing are summarized in this submittal.

Field Investigation

The SW Garage is located to the north of Building 1B – W and has concrete over a structural fill. Eleven test boring locations in the SW Garage were selected based on previous data of sub-slab vapor and the extent of depressurization. The locations of these borings are shown in Figure 1.

The concrete was cored using a 12-inch radial core cutter. After removal of the concrete core, the underlying structural fill was also removed manually. The soil samples were then collected using a mechanical auger at depths of one foot to four feet. The soil samples were grab samples.

VOC readings at each one-foot interval were noted using a Photoionization Detector (PID). The samples were then collected from the depth that showed the highest VOC readings in the containers provided by Eurofins Environmental Testing and shipped.

The soil boring logs confirm that the site has approximately one foot of concrete, which is underlain by a structural fill. The structural fill overlies at least two feet of hard silty clay layer. The Soil Boring logs are attached in Attachment A.

Laboratory Testing Results and Analysis

The 11 soil samples were tested for VOCs and the test results are presented in Attachment B and summarized in Table 1. The test results are also shown in Figure 1. The following observations are made as a result of the testing:

- In general, VOCs levels were low and mostly closer to no detection.
- One of eleven soil samples from SW-B8 had a TCE detection of 12 mg/Kg which exceeds Industrial Direct Contact RCL level of 8.1 mg/Kg. This sample was taken near stairwell 4.
- None of the soil samples except SW-B8 had Non-Industrial RCL exceedances of 1.3 mg/Kg.
- Nearly all the soil samples had TCE detections of 0.0036 mg/Kg or greater exceeding NR720 standards for groundwater protection.
- Low levels of benzene, toluene, xylene, and ethyl benzene were detected in the soil samples.

Conclusions and Recommendations

Based on the test results of the 11 soil borings, the highest concentration of TCE is reported to be 12 mg/kg which is higher than the NR 720 RCLs - Industrial Use for Direct Contact Protection level of 8.41 mg/kg. This was observed in the sample extracted from Stairwell 4. This area has also shown lower levels of vacuum in the past mainly due to presence of foundation footings in the near proximity.

The rest of the areas have shown lower levels of TCE, and an improved VMS system can assist in mitigating the VOC contamination in the SW Garage area. To meet the NR 720 groundwater protection standards and further prevent future contamination due to volatilization, source removal from the affected areas is recommended.

Figures, Tables, and Attachments

Figure 1 - CWC EB - Soil Boring Locations

Table 1 - Soil Quality Test Results

Appendix A – Soil Boring Logs

Appendix B – Soil Testing Report

East Building Level 1

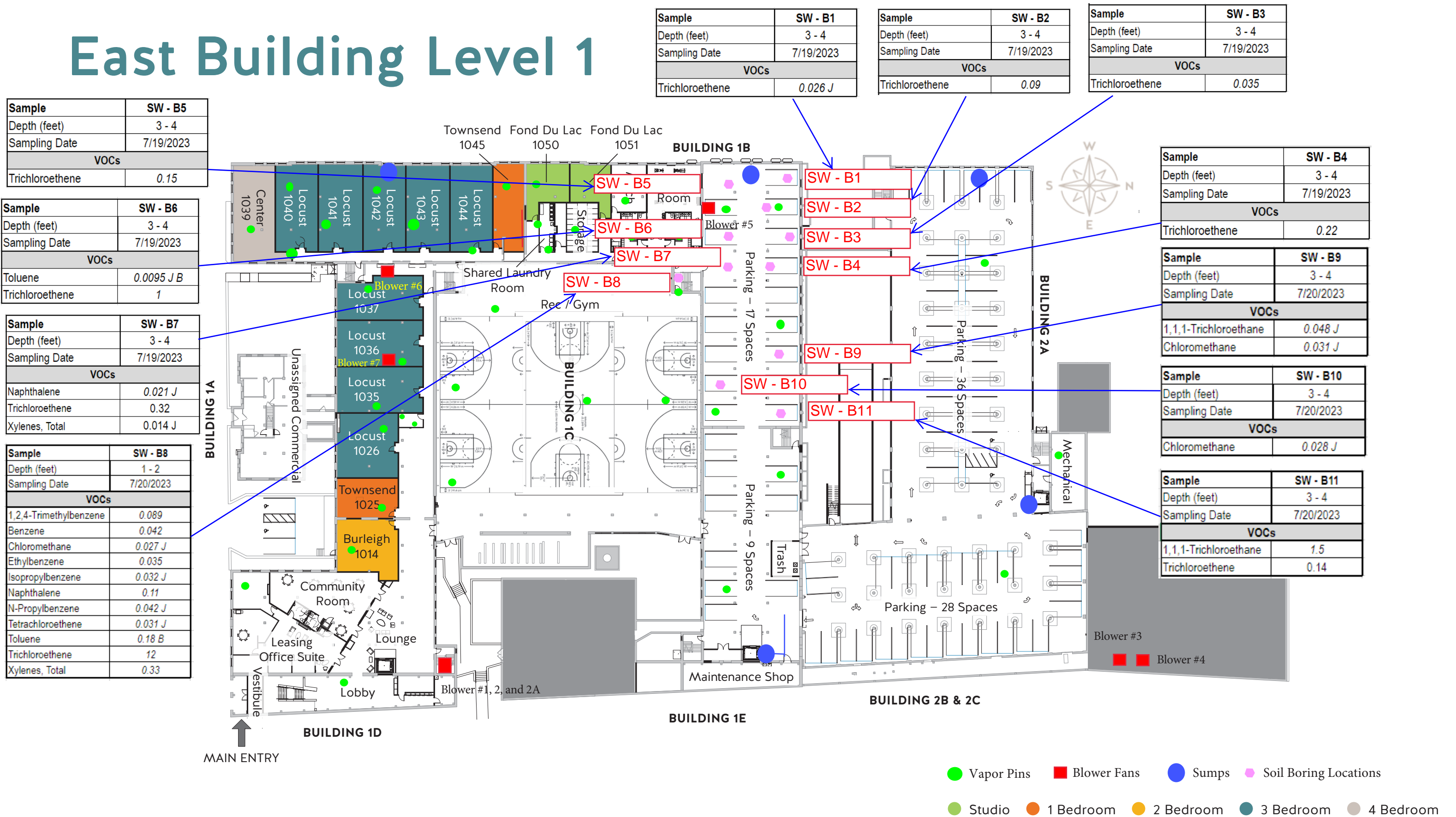


Figure 1. Locations of Soil Borings and their VOC contents (in mg/kg)

**TABLE 1
SOIL QUALITY TEST RESULTS
COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK
MILWAUKEE, WI
PROJECT NUMBER: 40441B**

Sample	Units	Method	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value	Method Detection Limit	SW - B1	SW - B2	SW - B3	SW - B4	SW - B5	SW - B6	SW - B7	SW - B8	SW - B9	SW - B10	SW - B11							
Depth (feet)								3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	1 - 2	3 - 4	3 - 4	3 - 4	3 - 4
Soil Type								Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Gravelly SAND	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Soil Conditions								Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist	Moist
Sampling Date	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023							

(1) From WDNR RCLs Worksheet dated December 2018
Italicized values exceed Groundwater Protection, Non-Industrial Direct Contact, or Industrial Direct-Contact RCLs
BOLD values exceed Groundwater Protection, Non-Industrial Direct Contact, or Industrial Direct-Contact RCLs
BOLD Underlined values exceed Groundwater Protection, Non-Industrial Direct Contact, or Industrial Direct-Contact RCLs
 --- = Not analyzed / No established standard
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
 F1 = Matrix spike and/or matrix spike duplicate recovery exceeds control limits
 B = Compound was found in the blank and sample
 ** = Combined established standard of 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene
 *** = Combined established standard for NR 720 RCLs for groundwater protection

Appendix A
Soil Boring Logs

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B1		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Assciates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>		
WI Unique Well No.			DNR Well ID No.		Well Name		
Final Static Water Level _____ Feet MSL			Surface Elevation _____ Feet MSL		Borehole Diameter 12 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ ' " _____ ' "		Local Grid Location <input type="checkbox"/> _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> E <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ ' " _____ ' "				
Facility ID		County		County Code		Civil Town/City/ or Village	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.1 ppm							
3. Grab			3	Silty Clay	CL			0.2 ppm							
4. Grab			4	Silty Clay	CL			0.3 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>	
WI Unique Well No.		DNR Well ID No.	Well Name	Final Static Water Level ____ Feet MSL		Surface Elevation ____ Feet MSL
						Borehole Diameter 12 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Lat <u>0</u> ' " <u>0</u> "		Local Grid Location	
State Plane _____ N, _____ E			Long _____		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____						
Facility ID		County		County Code	Civil Town/City/ or Village	

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.1 ppm							
3. Grab			3	Silty Clay	CL			0.2 ppm							
4. Grab			4	Silty Clay	CL			0.3 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
--	-------------------------------------

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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B3	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 m m / d d / y y y y		Date Drilling Completed 07/19/2023 m m / d d / y y y y	
WI Unique Well No.		DNR Well ID No.	Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL
						Borehole Diameter 12 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat 0 ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long 0 ' "		<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet	
Facility ID		County		County Code	Civil Town/City/ or Village	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0 ppm							
3. Grab			3	Silty Clay	CL			0.1 ppm							
4. Grab			4	Silty Clay	CL			0.5 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
--	-------------------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B4		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>		
WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____			Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat 0 ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ "		_____ Feet _____ Feet		
Facility ID _____		County _____		County Code _____		Civil Town/City/ or Village _____	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.2 ppm							
3. Grab			3	Gravelly Sand	SP			0.3 ppm							
4. Grab			4	Gravelly Sand	SP			0.4 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B5		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>		
WI Unique Well No.			DNR Well ID No.		Well Name		
Final Static Water Level _____ Feet MSL			Surface Elevation _____ Feet MSL		Borehole Diameter 12 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ ° ' " _____		Local Grid Location <input type="checkbox"/> _____ ° ' " _____ E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ ° ' " _____				
Facility ID		County		County Code		Civil Town/City/ or Village	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.3 ppm							
3. Grab			3	Silty Clay	CL			0.7 ppm							
4. Grab			4	Silty Clay	CL			0.7 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B6
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>	Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>	Drilling Method CORE CUTTER
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 12 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ " _____ "	Local Grid Location <input type="checkbox"/> _____ <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Long _____ " _____ "			

Facility ID _____	County _____	County Code _____	Civil Town/City/ or Village _____
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.2 ppm							
3. Grab			3	Silty Clay	CL			0.2 ppm							
4. Grab			4	Silty Clay	CL			0.4 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B7	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 m m / d d / y y y y		Date Drilling Completed 07/19/2023 m m / d d / y y y y	
WI Unique Well No.		DNR Well ID No.	Well Name	Final Static Water Level ____ Feet MSL		Surface Elevation ____ Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Lat _____ ° ' "		Local Grid Location <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____		T _____ N, R _____	Long _____ ° ' "			

Facility ID _____	County _____	County Code _____	Civil Town/City/ or Village _____
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.3 ppm							
3. Grab			3	Silty Clay	CL			0.5 ppm						Sample collected at 3 ft.	
4. Grab			4	Silty Clay	CL			0.4 ppm							
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B8		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>		
WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____			Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ ° ' " _____ Long _____ ° ' " _____		Local Grid Location <input type="checkbox"/> _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> E <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____							
Facility ID _____		County _____		County Code _____		Civil Town/City/ or Village _____	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Gravelly Sand	SP			0.3 ppm							Sample collected at 2 ft. <input checked="" type="checkbox"/>
3.			3	Foundation Footing - End of Boring at 3 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B9		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m d d ' y y y y</small>		
WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____			Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ ' " _____		Local Grid Location <input type="checkbox"/> _____ <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W		
1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ ' " _____				
Facility ID _____		County _____		County Code _____		Civil Town/City/ or Village _____	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Silty Clay	CL			0.1 ppm							
3. Grab			3	Silty Clay	CL			0.1 ppm							
4. Grab			4	Silty Clay	CL			0.1 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B10	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 <small>m m / d d / y y y y</small>		Date Drilling Completed 07/19/2023 <small>m m / d d / y y y y</small>	
WI Unique Well No.			DNR Well ID No.		Well Name	
Final Static Water Level _____ Feet MSL			Surface Elevation _____ Feet MSL		Borehole Diameter 12 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ ' " _____ ' "		Local Grid Location <input type="checkbox"/> _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> E <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ ' " _____ ' "			

Facility ID _____	County _____	County Code _____	Civil Town/City/ or Village _____
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1. Grab			1	Concrete Core	FILL			NA						
2. Grab			2	Gravelly Sand	SP			0.1 ppm						
3. Grab			3	Gravelly Sand	SP			0.2 ppm						
4. Grab			4	Silty Clay	CL			0.4 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>
				End of Boring at 4 ft.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Community Within The Corridor (CWC)			License/Permit/Monitoring Number		Boring Number SW - B11		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Sameer Last Name: Neve Firm: K. Singh & Associates, Inc.			Date Drilling Started 07 / 19 / 2023 m m / d d / y y y y		Date Drilling Completed 07/19/2023 m m / d d / y y y y		
WI Unique Well No.		DNR Well ID No.		Well Name		Final Static Water Level ____ Feet MSL	
						Surface Elevation ____ Feet MSL	
						Borehole Diameter 12 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E				Local Grid Location Lat _____ ° ' " _____ Long _____ ° ' " _____			
1/4 of _____ 1/4 of Section _____, T _____ N, R _____				Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> E _____ Feet <input type="checkbox"/> W _____			

Facility ID _____	County _____	County Code _____	Civil Town/City/ or Village _____
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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1. Grab			1	Concrete Core	FILL			NA							
2. Grab			2	Silty Clay	CL			0.2 ppm							
3. Grab			3	Silty Clay	CL			0.3 ppm							
4. Grab			4	Silty Clay	CL			0.3 ppm						Sample collected at 4 ft. <input checked="" type="checkbox"/>	
				End of Boring at 4 ft.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Sameer Neve, Ph.D. ENV SP	Firm K. Singh & Associates, Inc.
-------------------------------------	----------------------------------

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Appendix B
Soil Testing Report

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Dr. Pratap Singh
K. Singh & Associates, Inc
3636 N. 124th Street
Wauwatosa, Wisconsin 53222

Generated 7/27/2023 2:52:59 PM

JOB DESCRIPTION

Community Within The Corridor (CWC) 40441B

JOB NUMBER

500-237063-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660



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Case Narrative

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Job ID: 500-237063-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-237063-1

Comments

No additional comments.

Receipt

The samples were received on 7/22/2023 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Methods 8260B, 8260D: The laboratory control sample (LCS) for 724381 recovered outside control limits for many analytes. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable, and the data have been reported. SWB-1 (500-237063-1), SWB-2 (500-237063-2), SWB-3 (500-237063-3), SWB-4 (500-237063-4), SWB-5 (500-237063-5), SWB-6 (500-237063-6), SWB-7 (500-237063-7), SWB-8 (500-237063-8), SWB-9 (500-237063-9), SWB-10 (500-237063-10) and SWB-11 (500-237063-11)

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-724381 and analytical batch 500-724817 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 500-724381, 500-724381, 500-724381, 500-724381 and analytical batch 500-725050: 1,2,4-Trichlorobenzene, and 1,2,3-Trichlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported. SWB-7 (500-237063-7), SWB-8 (500-237063-8), SWB-9 (500-237063-9), SWB-10 (500-237063-10) and SWB-11 (500-237063-11)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-1

Lab Sample ID: 500-237063-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.026	J	0.031	0.010	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-2

Lab Sample ID: 500-237063-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.090		0.030	0.010	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-3

Lab Sample ID: 500-237063-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.035		0.031	0.010	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-4

Lab Sample ID: 500-237063-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.22		0.030	0.0099	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-5

Lab Sample ID: 500-237063-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.15		0.030	0.0099	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-6

Lab Sample ID: 500-237063-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0095	J B	0.015	0.0091	mg/Kg	50	✘	8260B	Total/NA
Trichloroethene	1.0		0.031	0.010	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-7

Lab Sample ID: 500-237063-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.021	J	0.061	0.020	mg/Kg	50	✘	8260B	Total/NA
Trichloroethene	0.32		0.030	0.0099	mg/Kg	50	✘	8260B	Total/NA
Xylenes, Total	0.014	J	0.030	0.013	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-8

Lab Sample ID: 500-237063-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.089		0.071	0.025	mg/Kg	50	✘	8260B	Total/NA
Benzene	0.042		0.018	0.010	mg/Kg	50	✘	8260B	Total/NA
Chloromethane	0.027	J	0.36	0.023	mg/Kg	50	✘	8260B	Total/NA
Ethylbenzene	0.035		0.018	0.013	mg/Kg	50	✘	8260B	Total/NA
Isopropylbenzene	0.032	J	0.071	0.027	mg/Kg	50	✘	8260B	Total/NA
Naphthalene	0.11		0.071	0.024	mg/Kg	50	✘	8260B	Total/NA
N-Propylbenzene	0.042	J	0.071	0.029	mg/Kg	50	✘	8260B	Total/NA
Tetrachloroethene	0.031	J	0.071	0.026	mg/Kg	50	✘	8260B	Total/NA
Toluene	0.18	B	0.018	0.010	mg/Kg	50	✘	8260B	Total/NA
Trichloroethene	12		0.036	0.012	mg/Kg	50	✘	8260B	Total/NA
Xylenes, Total	0.33		0.036	0.016	mg/Kg	50	✘	8260B	Total/NA

Client Sample ID: SWB-9

Lab Sample ID: 500-237063-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.048	J	0.067	0.026	mg/Kg	50	✘	8260B	Total/NA
Chloromethane	0.031	J	0.34	0.022	mg/Kg	50	✘	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-10

Lab Sample ID: 500-237063-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.028	J	0.37	0.023	mg/Kg	50	✳	8260B	Total/NA

Client Sample ID: SWB-11

Lab Sample ID: 500-237063-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.5		0.067	0.026	mg/Kg	50	✳	8260B	Total/NA
Trichloroethene	0.14		0.034	0.011	mg/Kg	50	✳	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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Sample Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-237063-1	SWB-1	Solid	07/19/23 16:18	07/22/23 09:50
500-237063-2	SWB-2	Solid	07/19/23 16:28	07/22/23 09:50
500-237063-3	SWB-3	Solid	07/19/23 16:38	07/22/23 09:50
500-237063-4	SWB-4	Solid	07/19/23 16:49	07/22/23 09:50
500-237063-5	SWB-5	Solid	07/19/23 17:02	07/22/23 09:50
500-237063-6	SWB-6	Solid	07/19/23 17:15	07/22/23 09:50
500-237063-7	SWB-7	Solid	07/19/23 17:28	07/22/23 09:50
500-237063-8	SWB-8	Solid	07/20/23 08:00	07/22/23 09:50
500-237063-9	SWB-9	Solid	07/20/23 08:30	07/22/23 09:50
500-237063-10	SWB-10	Solid	07/20/23 08:45	07/22/23 09:50
500-237063-11	SWB-11	Solid	07/20/23 09:00	07/22/23 09:50



Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-1

Lab Sample ID: 500-237063-1

Date Collected: 07/19/23 16:18

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 88.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.029		0.063	0.029	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1,1-Trichloroethane	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1,2,2-Tetrachloroethane	<0.025	+	0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1,2-Trichloroethane	<0.022		0.063	0.022	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1-Dichloroethane	<0.026		0.063	0.026	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1-Dichloroethene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,1-Dichloropropene	<0.019		0.063	0.019	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2,3-Trichlorobenzene	<0.029		0.063	0.029	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2,3-Trichloropropane	<0.026	+	0.13	0.026	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2,4-Trichlorobenzene	<0.021		0.063	0.021	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2,4-Trimethylbenzene	<0.022		0.063	0.022	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2-Dibromo-3-Chloropropane	<0.12	+	0.31	0.12	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2-Dibromoethane (EDB)	<0.024	+	0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2-Dichlorobenzene	<0.021		0.063	0.021	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2-Dichloroethane	<0.025		0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,2-Dichloropropane	<0.027	+	0.063	0.027	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,3,5-Trimethylbenzene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,3-Dichlorobenzene	<0.025		0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,3-Dichloropropane	<0.023		0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
1,4-Dichlorobenzene	<0.023		0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
2,2-Dichloropropane	<0.028		0.063	0.028	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
2-Chlorotoluene	<0.020	+	0.063	0.020	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
4-Chlorotoluene	<0.022	+	0.063	0.022	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Benzene	<0.0092		0.016	0.0092	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Bromobenzene	<0.022	+	0.063	0.022	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Bromochloromethane	<0.027		0.063	0.027	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Dichlorobromomethane	<0.023	+	0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Bromoform	<0.030	+	0.063	0.030	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Bromomethane	<0.050		0.19	0.050	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Carbon tetrachloride	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Chlorobenzene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Chloroethane	<0.032		0.063	0.032	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Chloroform	<0.023		0.13	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Chloromethane	<0.020		0.31	0.020	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
cis-1,2-Dichloroethene	<0.026		0.063	0.026	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
cis-1,3-Dichloropropene	<0.026		0.063	0.026	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Dibromochloromethane	<0.031	+	0.063	0.031	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Dibromomethane	<0.017	+	0.063	0.017	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Dichlorodifluoromethane	<0.042		0.19	0.042	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Ethylbenzene	<0.011		0.016	0.011	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Hexachlorobutadiene	<0.028		0.063	0.028	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Isopropyl ether	<0.017		0.063	0.017	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Isopropylbenzene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Methyl tert-butyl ether	<0.025		0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Naphthalene	<0.021		0.063	0.021	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
n-Butylbenzene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
N-Propylbenzene	<0.026		0.063	0.026	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
p-Isopropyltoluene	<0.023		0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-1

Lab Sample ID: 500-237063-1

Date Collected: 07/19/23 16:18

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 88.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Styrene	<0.024		0.063	0.024	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
tert-Butylbenzene	<0.025		0.063	0.025	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Tetrachloroethene	<0.023		0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Toluene	<0.0092		0.016	0.0092	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
trans-1,2-Dichloroethene	<0.022		0.063	0.022	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
trans-1,3-Dichloropropene	<0.023	*+	0.063	0.023	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Trichloroethene	0.026	J	0.031	0.010	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Trichlorofluoromethane	<0.027		0.063	0.027	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Vinyl chloride	<0.016		0.063	0.016	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	☼	07/19/23 16:18	07/26/23 17:26	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	07/19/23 16:18	07/26/23 17:26	50
4-Bromofluorobenzene (Surr)	111		72 - 124	07/19/23 16:18	07/26/23 17:26	50
Dibromofluoromethane (Surr)	102		75 - 120	07/19/23 16:18	07/26/23 17:26	50
Toluene-d8 (Surr)	91		75 - 120	07/19/23 16:18	07/26/23 17:26	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-2

Lab Sample ID: 500-237063-2

Date Collected: 07/19/23 16:28

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.061	0.028	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1,2,2-Tetrachloroethane	<0.024	+	0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1,2-Trichloroethane	<0.021		0.061	0.021	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2,3-Trichloropropane	<0.025	+	0.12	0.025	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2-Dibromo-3-Chloropropane	<0.12	+	0.30	0.12	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2-Dibromoethane (EDB)	<0.023	+	0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2-Dichlorobenzene	<0.020		0.061	0.020	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,2-Dichloropropane	<0.026	+	0.061	0.026	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,3-Dichlorobenzene	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
2-Chlorotoluene	<0.019	+	0.061	0.019	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
4-Chlorotoluene	<0.021	+	0.061	0.021	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Benzene	<0.0089		0.015	0.0089	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Bromobenzene	<0.022	+	0.061	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Dichlorobromomethane	<0.023	+	0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Bromoform	<0.029	+	0.061	0.029	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Carbon tetrachloride	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Chlorobenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Chloroform	<0.022		0.12	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Chloromethane	<0.019		0.30	0.019	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
cis-1,3-Dichloropropene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Dibromochloromethane	<0.030	+	0.061	0.030	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Dibromomethane	<0.016	+	0.061	0.016	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Isopropylbenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Methylene Chloride	<0.099		0.30	0.099	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
Naphthalene	<0.020		0.061	0.020	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 16:28	07/26/23 17:51	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-2

Lab Sample ID: 500-237063-2

Date Collected: 07/19/23 16:28

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Styrene	<0.023		0.061	0.023	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Tetrachloroethene	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Toluene	<0.0089		0.015	0.0089	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
trans-1,3-Dichloropropene	<0.022	*+	0.061	0.022	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Trichloroethene	0.090		0.030	0.010	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	07/19/23 16:28	07/26/23 17:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	07/19/23 16:28	07/26/23 17:51	50
4-Bromofluorobenzene (Surr)	115		72 - 124	07/19/23 16:28	07/26/23 17:51	50
Dibromofluoromethane (Surr)	100		75 - 120	07/19/23 16:28	07/26/23 17:51	50
Toluene-d8 (Surr)	91		75 - 120	07/19/23 16:28	07/26/23 17:51	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-3

Lab Sample ID: 500-237063-3

Date Collected: 07/19/23 16:38

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.061	0.028	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1,2,2-Tetrachloroethane	<0.024	+	0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1,2-Trichloroethane	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2,3-Trichlorobenzene	<0.028		0.061	0.028	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2,3-Trichloropropane	<0.025	+	0.12	0.025	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2,4-Trichlorobenzene	<0.021		0.061	0.021	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2-Dibromo-3-Chloropropane	<0.12	+	0.31	0.12	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2-Dibromoethane (EDB)	<0.024	+	0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2-Dichlorobenzene	<0.020		0.061	0.020	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,2-Dichloropropane	<0.026	+	0.061	0.026	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,3-Dichlorobenzene	<0.025		0.061	0.025	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
2-Chlorotoluene	<0.019	+	0.061	0.019	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
4-Chlorotoluene	<0.021	+	0.061	0.021	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Benzene	<0.0090		0.015	0.0090	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Bromobenzene	<0.022	+	0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Dichlorobromomethane	<0.023	+	0.061	0.023	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Bromoform	<0.030	+	0.061	0.030	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Bromomethane	<0.049		0.18	0.049	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Carbon tetrachloride	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Chlorobenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Chloroform	<0.023		0.12	0.023	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Chloromethane	<0.020		0.31	0.020	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
cis-1,3-Dichloropropene	<0.026		0.061	0.026	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Dibromochloromethane	<0.030	+	0.061	0.030	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Dibromomethane	<0.017	+	0.061	0.017	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Hexachlorobutadiene	<0.027		0.061	0.027	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Isopropylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Naphthalene	<0.020		0.061	0.020	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
n-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-3

Lab Sample ID: 500-237063-3

Date Collected: 07/19/23 16:38

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Styrene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Tetrachloroethene	<0.023		0.061	0.023	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Toluene	<0.0090		0.015	0.0090	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
trans-1,3-Dichloropropene	<0.022	*+	0.061	0.022	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Trichloroethene	0.035		0.031	0.010	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50
Xylenes, Total	<0.013		0.031	0.013	mg/Kg	☼	07/19/23 16:38	07/26/23 18:15	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	07/19/23 16:38	07/26/23 18:15	50
4-Bromofluorobenzene (Surr)	114		72 - 124	07/19/23 16:38	07/26/23 18:15	50
Dibromofluoromethane (Surr)	101		75 - 120	07/19/23 16:38	07/26/23 18:15	50
Toluene-d8 (Surr)	90		75 - 120	07/19/23 16:38	07/26/23 18:15	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-4

Lab Sample ID: 500-237063-4

Date Collected: 07/19/23 16:49

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.060	0.028	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1,2,2-Tetrachloroethane	<0.024	+	0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1,2-Trichloroethane	<0.021		0.060	0.021	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1-Dichloroethane	<0.025		0.060	0.025	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1-Dichloroethene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2,3-Trichlorobenzene	<0.028		0.060	0.028	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2,3-Trichloropropane	<0.025	+	0.12	0.025	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2,4-Trichlorobenzene	<0.021		0.060	0.021	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2,4-Trimethylbenzene	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2-Dibromo-3-Chloropropane	<0.12	+	0.30	0.12	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2-Dibromoethane (EDB)	<0.023	+	0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2-Dichlorobenzene	<0.020		0.060	0.020	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2-Dichloroethane	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,2-Dichloropropane	<0.026	+	0.060	0.026	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,3,5-Trimethylbenzene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,3-Dichloropropane	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
2,2-Dichloropropane	<0.027		0.060	0.027	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
2-Chlorotoluene	<0.019	+	0.060	0.019	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
4-Chlorotoluene	<0.021	+	0.060	0.021	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Benzene	<0.0088		0.015	0.0088	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Bromobenzene	<0.021	+	0.060	0.021	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Bromochloromethane	<0.026		0.060	0.026	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Dichlorobromomethane	<0.022	+	0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Bromoform	<0.029	+	0.060	0.029	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Chlorobenzene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Chloroethane	<0.030		0.060	0.030	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Chloroform	<0.022		0.12	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Chloromethane	<0.019		0.30	0.019	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
cis-1,2-Dichloroethene	<0.025		0.060	0.025	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
cis-1,3-Dichloropropene	<0.025		0.060	0.025	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Dibromochloromethane	<0.029	+	0.060	0.029	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Dibromomethane	<0.016	+	0.060	0.016	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Isopropyl ether	<0.017		0.060	0.017	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Methyl tert-butyl ether	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Methylene Chloride	<0.098		0.30	0.098	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Naphthalene	<0.020		0.060	0.020	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
n-Butylbenzene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
N-Propylbenzene	<0.025		0.060	0.025	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-4

Lab Sample ID: 500-237063-4

Date Collected: 07/19/23 16:49

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Styrene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Toluene	<0.0088		0.015	0.0088	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
trans-1,3-Dichloropropene	<0.022	*+	0.060	0.022	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Trichloroethene	0.22		0.030	0.0099	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Trichlorofluoromethane	<0.026		0.060	0.026	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	07/19/23 13:49	07/26/23 18:40	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 126	07/19/23 13:49	07/26/23 18:40	50
4-Bromofluorobenzene (Surr)	119		72 - 124	07/19/23 13:49	07/26/23 18:40	50
Dibromofluoromethane (Surr)	101		75 - 120	07/19/23 13:49	07/26/23 18:40	50
Toluene-d8 (Surr)	91		75 - 120	07/19/23 13:49	07/26/23 18:40	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-5

Lab Sample ID: 500-237063-5

Date Collected: 07/19/23 17:02

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.060	0.028	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1,1-Trichloroethane	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1,2,2-Tetrachloroethane	<0.024	+	0.060	0.024	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1,2-Trichloroethane	<0.021		0.060	0.021	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1-Dichloroethane	<0.025		0.060	0.025	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1-Dichloroethene	<0.024		0.060	0.024	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,1-Dichloropropene	<0.018		0.060	0.018	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2,3-Trichlorobenzene	<0.028		0.060	0.028	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2,3-Trichloropropane	<0.025	+	0.12	0.025	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2,4-Trichlorobenzene	<0.021		0.060	0.021	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2,4-Trimethylbenzene	<0.022		0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2-Dibromo-3-Chloropropane	<0.12	+	0.30	0.12	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2-Dibromoethane (EDB)	<0.023	+	0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2-Dichlorobenzene	<0.020		0.060	0.020	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2-Dichloroethane	<0.024		0.060	0.024	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,2-Dichloropropane	<0.026	+	0.060	0.026	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,3,5-Trimethylbenzene	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,3-Dichlorobenzene	<0.024		0.060	0.024	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,3-Dichloropropane	<0.022		0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
1,4-Dichlorobenzene	<0.022		0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
2,2-Dichloropropane	<0.027		0.060	0.027	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
2-Chlorotoluene	<0.019	+	0.060	0.019	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
4-Chlorotoluene	<0.021	+	0.060	0.021	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Benzene	<0.0088		0.015	0.0088	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Bromobenzene	<0.022	+	0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Bromochloromethane	<0.026		0.060	0.026	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Dichlorobromomethane	<0.022	+	0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Bromoform	<0.029	+	0.060	0.029	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Carbon tetrachloride	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Chlorobenzene	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Chloroethane	<0.030		0.060	0.030	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Chloroform	<0.022		0.12	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Chloromethane	<0.019		0.30	0.019	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
cis-1,2-Dichloroethene	<0.025		0.060	0.025	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
cis-1,3-Dichloropropene	<0.025		0.060	0.025	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Dibromochloromethane	<0.030	+	0.060	0.030	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Dibromomethane	<0.016	+	0.060	0.016	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Hexachlorobutadiene	<0.027		0.060	0.027	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Isopropyl ether	<0.017		0.060	0.017	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Isopropylbenzene	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Methyl tert-butyl ether	<0.024		0.060	0.024	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Methylene Chloride	<0.099		0.30	0.099	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
Naphthalene	<0.020		0.060	0.020	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
n-Butylbenzene	<0.023		0.060	0.023	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
N-Propylbenzene	<0.025		0.060	0.025	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50
p-Isopropyltoluene	<0.022		0.060	0.022	mg/Kg	✱	07/19/23 17:02	07/26/23 19:04	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-5

Lab Sample ID: 500-237063-5

Date Collected: 07/19/23 17:02

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Styrene	<0.023		0.060	0.023	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
tert-Butylbenzene	<0.024		0.060	0.024	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Tetrachloroethene	<0.022		0.060	0.022	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Toluene	<0.0089		0.015	0.0089	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
trans-1,2-Dichloroethene	<0.021		0.060	0.021	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
trans-1,3-Dichloropropene	<0.022	*+	0.060	0.022	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Trichloroethene	0.15		0.030	0.0099	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Trichlorofluoromethane	<0.026		0.060	0.026	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Vinyl chloride	<0.016		0.060	0.016	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Xylenes, Total	<0.013		0.030	0.013	mg/Kg	☼	07/19/23 17:02	07/26/23 19:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 126				07/19/23 17:02	07/26/23 19:04	50
4-Bromofluorobenzene (Surr)	115		72 - 124				07/19/23 17:02	07/26/23 19:04	50
Dibromofluoromethane (Surr)	103		75 - 120				07/19/23 17:02	07/26/23 19:04	50
Toluene-d8 (Surr)	91		75 - 120				07/19/23 17:02	07/26/23 19:04	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-6

Lab Sample ID: 500-237063-6

Date Collected: 07/19/23 17:15

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.062	0.028	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1,1-Trichloroethane	<0.023		0.062	0.023	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1,1,2,2-Tetrachloroethane	<0.025	*+	0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1,2-Trichloroethane	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1-Dichloroethane	<0.025		0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1-Dichloroethene	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,1-Dichloropropene	<0.018		0.062	0.018	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2,3-Trichlorobenzene	<0.028		0.062	0.028	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2,3-Trichloropropane	<0.026	*+	0.12	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2,4-Trichlorobenzene	<0.021	F1	0.062	0.021	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2,4-Trimethylbenzene	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2-Dibromo-3-Chloropropane	<0.12	F1 *+	0.31	0.12	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2-Dibromoethane (EDB)	<0.024	*+	0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2-Dichlorobenzene	<0.021		0.062	0.021	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2-Dichloroethane	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,2-Dichloropropane	<0.026	*+	0.062	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,3,5-Trimethylbenzene	<0.023		0.062	0.023	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,3-Dichlorobenzene	<0.025		0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,3-Dichloropropane	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
1,4-Dichlorobenzene	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
2,2-Dichloropropane	<0.027		0.062	0.027	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
2-Chlorotoluene	<0.019	*+	0.062	0.019	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
4-Chlorotoluene	<0.022	*+	0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Benzene	<0.0090		0.015	0.0090	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Bromobenzene	<0.022	*+	0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Bromochloromethane	<0.026		0.062	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Dichlorobromomethane	<0.023	*+	0.062	0.023	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Bromoform	<0.030	*+	0.062	0.030	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Bromomethane	<0.049		0.18	0.049	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Carbon tetrachloride	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Chlorobenzene	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Chloroethane	<0.031		0.062	0.031	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Chloroform	<0.023		0.12	0.023	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Chloromethane	<0.020		0.31	0.020	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
cis-1,2-Dichloroethene	<0.025		0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
cis-1,3-Dichloropropene	<0.026		0.062	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Dibromochloromethane	<0.030	*+	0.062	0.030	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Dibromomethane	<0.017	*+	0.062	0.017	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Dichlorodifluoromethane	<0.042		0.18	0.042	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Hexachlorobutadiene	<0.027	F1	0.062	0.027	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Isopropyl ether	<0.017		0.062	0.017	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Isopropylbenzene	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Methyl tert-butyl ether	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Methylene Chloride	<0.10		0.31	0.10	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Naphthalene	<0.021		0.062	0.021	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
n-Butylbenzene	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
N-Propylbenzene	<0.026		0.062	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
p-Isopropyltoluene	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-6

Lab Sample ID: 500-237063-6

Date Collected: 07/19/23 17:15

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Styrene	<0.024		0.062	0.024	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
tert-Butylbenzene	<0.025		0.062	0.025	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Tetrachloroethene	<0.023		0.062	0.023	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Toluene	0.0095	J B	0.015	0.0091	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
trans-1,2-Dichloroethene	<0.022		0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
trans-1,3-Dichloropropene	<0.022	*+	0.062	0.022	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Trichloroethene	1.0		0.031	0.010	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Trichlorofluoromethane	<0.026		0.062	0.026	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Vinyl chloride	<0.016		0.062	0.016	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50
Xylenes, Total	<0.014		0.031	0.014	mg/Kg	✱	07/19/23 17:15	07/26/23 19:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	07/19/23 17:15	07/26/23 19:28	50
4-Bromofluorobenzene (Surr)	116		72 - 124	07/19/23 17:15	07/26/23 19:28	50
Dibromofluoromethane (Surr)	103		75 - 120	07/19/23 17:15	07/26/23 19:28	50
Toluene-d8 (Surr)	92		75 - 120	07/19/23 17:15	07/26/23 19:28	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-7

Lab Sample ID: 500-237063-7

Date Collected: 07/19/23 17:28

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.028		0.061	0.028	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1,1-Trichloroethane	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1,1,2-Tetrachloroethane	<0.024	*+	0.061	0.024	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1,2-Trichloroethane	<0.021		0.061	0.021	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1-Dichloroethane	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1-Dichloroethene	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,1-Dichloropropene	<0.018		0.061	0.018	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2,3-Trichlorobenzene	<0.028	*-	0.061	0.028	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2,3-Trichloropropane	<0.025	*+	0.12	0.025	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2,4-Trichlorobenzene	<0.021	*-	0.061	0.021	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2,4-Trimethylbenzene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2-Dibromo-3-Chloropropane	<0.12	*+	0.30	0.12	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2-Dibromoethane (EDB)	<0.023	*+	0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2-Dichlorobenzene	<0.020		0.061	0.020	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2-Dichloroethane	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,2-Dichloropropane	<0.026	*+	0.061	0.026	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,3,5-Trimethylbenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,3-Dichlorobenzene	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,3-Dichloropropane	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
1,4-Dichlorobenzene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
2,2-Dichloropropane	<0.027		0.061	0.027	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
2-Chlorotoluene	<0.019	*+	0.061	0.019	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
4-Chlorotoluene	<0.021	*+	0.061	0.021	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Benzene	<0.0088		0.015	0.0088	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Bromobenzene	<0.022	*+	0.061	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Bromochloromethane	<0.026		0.061	0.026	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Dichlorobromomethane	<0.023	*+	0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Bromoform	<0.029	*+	0.061	0.029	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Bromomethane	<0.048		0.18	0.048	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Carbon tetrachloride	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Chlorobenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Chloroethane	<0.031		0.061	0.031	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Chloroform	<0.022		0.12	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Chloromethane	<0.019		0.30	0.019	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
cis-1,2-Dichloroethene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
cis-1,3-Dichloropropene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Dibromochloromethane	<0.030	*+	0.061	0.030	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Dibromomethane	<0.016	*+	0.061	0.016	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Dichlorodifluoromethane	<0.041		0.18	0.041	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Ethylbenzene	<0.011		0.015	0.011	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Hexachlorobutadiene	<0.027	*-	0.061	0.027	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Isopropyl ether	<0.017		0.061	0.017	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Isopropylbenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Methyl tert-butyl ether	<0.024		0.061	0.024	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Methylene Chloride	<0.099		0.30	0.099	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
Naphthalene	0.021	J	0.061	0.020	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
n-Butylbenzene	<0.023		0.061	0.023	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
N-Propylbenzene	<0.025		0.061	0.025	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50
p-Isopropyltoluene	<0.022		0.061	0.022	mg/Kg	✱	07/19/23 17:28	07/27/23 11:29	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-7

Lab Sample ID: 500-237063-7

Date Collected: 07/19/23 17:28

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 90.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Styrene	<0.023		0.061	0.023	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
tert-Butylbenzene	<0.024		0.061	0.024	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Tetrachloroethene	<0.022		0.061	0.022	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Toluene	<0.0089		0.015	0.0089	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
trans-1,2-Dichloroethene	<0.021		0.061	0.021	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
trans-1,3-Dichloropropene	<0.022	*+	0.061	0.022	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Trichloroethene	0.32		0.030	0.0099	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Trichlorofluoromethane	<0.026		0.061	0.026	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Vinyl chloride	<0.016		0.061	0.016	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50
Xylenes, Total	0.014	J	0.030	0.013	mg/Kg	☼	07/19/23 17:28	07/27/23 11:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	07/19/23 17:28	07/27/23 11:29	50
4-Bromofluorobenzene (Surr)	107		72 - 124	07/19/23 17:28	07/27/23 11:29	50
Dibromofluoromethane (Surr)	102		75 - 120	07/19/23 17:28	07/27/23 11:29	50
Toluene-d8 (Surr)	90		75 - 120	07/19/23 17:28	07/27/23 11:29	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-8

Lab Sample ID: 500-237063-8

Date Collected: 07/20/23 08:00

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 84.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.033		0.071	0.033	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1,1-Trichloroethane	<0.027		0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1,1,2,2-Tetrachloroethane	<0.028	*+	0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1,2-Trichloroethane	<0.025		0.071	0.025	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1-Dichloroethane	<0.029		0.071	0.029	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1-Dichloroethene	<0.028		0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,1-Dichloropropene	<0.021		0.071	0.021	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2,3-Trichlorobenzene	<0.033	*-	0.071	0.033	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2,3-Trichloropropane	<0.029	*+	0.14	0.029	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2,4-Trichlorobenzene	<0.024	*-	0.071	0.024	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2,4-Trimethylbenzene	0.089		0.071	0.025	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2-Dibromo-3-Chloropropane	<0.14	*+	0.36	0.14	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2-Dibromoethane (EDB)	<0.027	*+	0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2-Dichlorobenzene	<0.024		0.071	0.024	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2-Dichloroethane	<0.028		0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,2-Dichloropropane	<0.030	*+	0.071	0.030	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,3,5-Trimethylbenzene	<0.027		0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,3-Dichlorobenzene	<0.028		0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,3-Dichloropropane	<0.026		0.071	0.026	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
1,4-Dichlorobenzene	<0.026		0.071	0.026	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
2,2-Dichloropropane	<0.032		0.071	0.032	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
2-Chlorotoluene	<0.022	*+	0.071	0.022	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
4-Chlorotoluene	<0.025	*+	0.071	0.025	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Benzene	0.042		0.018	0.010	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Bromobenzene	<0.025	*+	0.071	0.025	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Bromochloromethane	<0.030		0.071	0.030	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Dichlorobromomethane	<0.026	*+	0.071	0.026	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Bromoform	<0.034	*+	0.071	0.034	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Bromomethane	<0.057		0.21	0.057	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Carbon tetrachloride	<0.027		0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Chlorobenzene	<0.027		0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Chloroethane	<0.036		0.071	0.036	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Chloroform	<0.026		0.14	0.026	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Chloromethane	0.027	J	0.36	0.023	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
cis-1,2-Dichloroethene	<0.029		0.071	0.029	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
cis-1,3-Dichloropropene	<0.030		0.071	0.030	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Dibromochloromethane	<0.035	*+	0.071	0.035	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Dibromomethane	<0.019	*+	0.071	0.019	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Dichlorodifluoromethane	<0.048		0.21	0.048	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Ethylbenzene	0.035		0.018	0.013	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Hexachlorobutadiene	<0.032	*-	0.071	0.032	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Isopropyl ether	<0.020		0.071	0.020	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Isopropylbenzene	0.032	J	0.071	0.027	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Methyl tert-butyl ether	<0.028		0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Methylene Chloride	<0.12		0.36	0.12	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
Naphthalene	0.11		0.071	0.024	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
n-Butylbenzene	<0.028		0.071	0.028	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
N-Propylbenzene	0.042	J	0.071	0.029	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50
p-Isopropyltoluene	<0.026		0.071	0.026	mg/Kg	✳	07/20/23 08:00	07/27/23 11:54	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-8

Lab Sample ID: 500-237063-8

Date Collected: 07/20/23 08:00

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 84.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.028		0.071	0.028	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Styrene	<0.027		0.071	0.027	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
tert-Butylbenzene	<0.028		0.071	0.028	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Tetrachloroethene	0.031	J	0.071	0.026	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Toluene	0.18	B	0.018	0.010	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
trans-1,2-Dichloroethene	<0.025		0.071	0.025	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
trans-1,3-Dichloropropene	<0.026	*+	0.071	0.026	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Trichloroethene	12		0.036	0.012	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Trichlorofluoromethane	<0.030		0.071	0.030	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Vinyl chloride	<0.019		0.071	0.019	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Xylenes, Total	0.33		0.036	0.016	mg/Kg	☼	07/20/23 08:00	07/27/23 11:54	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				07/20/23 08:00	07/27/23 11:54	50
4-Bromofluorobenzene (Surr)	112		72 - 124				07/20/23 08:00	07/27/23 11:54	50
Dibromofluoromethane (Surr)	100		75 - 120				07/20/23 08:00	07/27/23 11:54	50
Toluene-d8 (Surr)	90		75 - 120				07/20/23 08:00	07/27/23 11:54	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-9

Lab Sample ID: 500-237063-9

Date Collected: 07/20/23 08:30

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 85.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.031		0.067	0.031	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1,1-Trichloroethane	0.048	J	0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1,1,2-Tetrachloroethane	<0.027	*+	0.067	0.027	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1,2-Trichloroethane	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1-Dichloroethane	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1-Dichloroethene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,1-Dichloropropene	<0.020		0.067	0.020	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2,3-Trichlorobenzene	<0.031	*-	0.067	0.031	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2,3-Trichloropropane	<0.028	*+	0.13	0.028	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2,4-Trichlorobenzene	<0.023	*-	0.067	0.023	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2,4-Trimethylbenzene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2-Dibromo-3-Chloropropane	<0.13	*+	0.34	0.13	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2-Dibromoethane (EDB)	<0.026	*+	0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2-Dichlorobenzene	<0.022		0.067	0.022	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2-Dichloroethane	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,2-Dichloropropane	<0.029	*+	0.067	0.029	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,3,5-Trimethylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,3-Dichlorobenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,3-Dichloropropane	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
1,4-Dichlorobenzene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
2,2-Dichloropropane	<0.030		0.067	0.030	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
2-Chlorotoluene	<0.021	*+	0.067	0.021	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
4-Chlorotoluene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Benzene	<0.0098		0.017	0.0098	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Bromobenzene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Bromochloromethane	<0.029		0.067	0.029	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Dichlorobromomethane	<0.025	*+	0.067	0.025	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Bromoform	<0.033	*+	0.067	0.033	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Bromomethane	<0.053		0.20	0.053	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Carbon tetrachloride	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Chlorobenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Chloroethane	<0.034		0.067	0.034	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Chloroform	<0.025		0.13	0.025	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Chloromethane	0.031	J	0.34	0.022	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
cis-1,2-Dichloroethene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
cis-1,3-Dichloropropene	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Dibromochloromethane	<0.033	*+	0.067	0.033	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Dibromomethane	<0.018	*+	0.067	0.018	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Dichlorodifluoromethane	<0.045		0.20	0.045	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Hexachlorobutadiene	<0.030	*-	0.067	0.030	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Isopropyl ether	<0.019		0.067	0.019	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Isopropylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Methyl tert-butyl ether	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Methylene Chloride	<0.11		0.34	0.11	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Naphthalene	<0.022		0.067	0.022	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
n-Butylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
N-Propylbenzene	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
p-Isopropyltoluene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-9

Lab Sample ID: 500-237063-9

Date Collected: 07/20/23 08:30

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 85.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Styrene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
tert-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Tetrachloroethene	<0.025		0.067	0.025	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Toluene	<0.0099		0.017	0.0099	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
trans-1,2-Dichloroethene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
trans-1,3-Dichloropropene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Trichloroethene	<0.011		0.034	0.011	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Trichlorofluoromethane	<0.029		0.067	0.029	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Vinyl chloride	<0.018		0.067	0.018	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50
Xylenes, Total	<0.015		0.034	0.015	mg/Kg	☼	07/20/23 08:30	07/27/23 12:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 126	07/20/23 08:30	07/27/23 12:18	50
4-Bromofluorobenzene (Surr)	106		72 - 124	07/20/23 08:30	07/27/23 12:18	50
Dibromofluoromethane (Surr)	104		75 - 120	07/20/23 08:30	07/27/23 12:18	50
Toluene-d8 (Surr)	91		75 - 120	07/20/23 08:30	07/27/23 12:18	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-10

Lab Sample ID: 500-237063-10

Date Collected: 07/20/23 08:45

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 81.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.034		0.073	0.034	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1,1-Trichloroethane	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1,2,2-Tetrachloroethane	<0.029	+	0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1,2-Trichloroethane	<0.026		0.073	0.026	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1-Dichloroethane	<0.030		0.073	0.030	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1-Dichloroethene	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,1-Dichloropropene	<0.022		0.073	0.022	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2,3-Trichlorobenzene	<0.034	-	0.073	0.034	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2,3-Trichloropropane	<0.030	+	0.15	0.030	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2,4-Trichlorobenzene	<0.025	-	0.073	0.025	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2,4-Trimethylbenzene	<0.026		0.073	0.026	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2-Dibromo-3-Chloropropane	<0.15	+	0.37	0.15	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2-Dibromoethane (EDB)	<0.028	+	0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2-Dichlorobenzene	<0.024		0.073	0.024	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2-Dichloroethane	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,2-Dichloropropane	<0.031	+	0.073	0.031	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,3,5-Trimethylbenzene	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,3-Dichlorobenzene	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,3-Dichloropropane	<0.027		0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
1,4-Dichlorobenzene	<0.027		0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
2,2-Dichloropropane	<0.033		0.073	0.033	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
2-Chlorotoluene	<0.023	+	0.073	0.023	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
4-Chlorotoluene	<0.026	+	0.073	0.026	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Benzene	<0.011		0.018	0.011	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Bromobenzene	<0.026	+	0.073	0.026	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Bromochloromethane	<0.031		0.073	0.031	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Dichlorobromomethane	<0.027	+	0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Bromoform	<0.035	+	0.073	0.035	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Bromomethane	<0.058		0.22	0.058	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Carbon tetrachloride	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Chlorobenzene	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Chloroethane	<0.037		0.073	0.037	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Chloroform	<0.027		0.15	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Chloromethane	0.028	J	0.37	0.023	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
cis-1,2-Dichloroethene	<0.030		0.073	0.030	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
cis-1,3-Dichloropropene	<0.031		0.073	0.031	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Dibromochloromethane	<0.036	+	0.073	0.036	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Dibromomethane	<0.020	+	0.073	0.020	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Dichlorodifluoromethane	<0.049		0.22	0.049	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Ethylbenzene	<0.013		0.018	0.013	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Hexachlorobutadiene	<0.033	-	0.073	0.033	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Isopropyl ether	<0.020		0.073	0.020	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Isopropylbenzene	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Methyl tert-butyl ether	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Methylene Chloride	<0.12		0.37	0.12	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Naphthalene	<0.024		0.073	0.024	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
n-Butylbenzene	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
N-Propylbenzene	<0.030		0.073	0.030	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
p-Isopropyltoluene	<0.027		0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-10

Lab Sample ID: 500-237063-10

Date Collected: 07/20/23 08:45

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 81.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Styrene	<0.028		0.073	0.028	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
tert-Butylbenzene	<0.029		0.073	0.029	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Tetrachloroethene	<0.027		0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Toluene	<0.011		0.018	0.011	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
trans-1,2-Dichloroethene	<0.026		0.073	0.026	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
trans-1,3-Dichloropropene	<0.027	*+	0.073	0.027	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Trichloroethene	<0.012		0.037	0.012	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Trichlorofluoromethane	<0.031		0.073	0.031	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Vinyl chloride	<0.019		0.073	0.019	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50
Xylenes, Total	<0.016		0.037	0.016	mg/Kg	☼	07/20/23 08:45	07/27/23 12:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126	07/20/23 08:45	07/27/23 12:42	50
4-Bromofluorobenzene (Surr)	112		72 - 124	07/20/23 08:45	07/27/23 12:42	50
Dibromofluoromethane (Surr)	101		75 - 120	07/20/23 08:45	07/27/23 12:42	50
Toluene-d8 (Surr)	91		75 - 120	07/20/23 08:45	07/27/23 12:42	50

Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-11

Lab Sample ID: 500-237063-11

Date Collected: 07/20/23 09:00

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 85.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.031		0.067	0.031	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1,1-Trichloroethane	1.5		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1,1,2-Tetrachloroethane	<0.027	*+	0.067	0.027	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1,2-Trichloroethane	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1-Dichloroethane	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1-Dichloroethene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,1-Dichloropropene	<0.020		0.067	0.020	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2,3-Trichlorobenzene	<0.031	*-	0.067	0.031	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2,3-Trichloropropane	<0.028	*+	0.13	0.028	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2,4-Trichlorobenzene	<0.023	*-	0.067	0.023	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2,4-Trimethylbenzene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2-Dibromo-3-Chloropropane	<0.13	*+	0.34	0.13	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2-Dibromoethane (EDB)	<0.026	*+	0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2-Dichlorobenzene	<0.023		0.067	0.023	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2-Dichloroethane	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,2-Dichloropropane	<0.029	*+	0.067	0.029	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,3,5-Trimethylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,3-Dichlorobenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,3-Dichloropropane	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
1,4-Dichlorobenzene	<0.025		0.067	0.025	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
2,2-Dichloropropane	<0.030		0.067	0.030	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
2-Chlorotoluene	<0.021	*+	0.067	0.021	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
4-Chlorotoluene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Benzene	<0.0098		0.017	0.0098	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Bromobenzene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Bromochloromethane	<0.029		0.067	0.029	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Dichlorobromomethane	<0.025	*+	0.067	0.025	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Bromoform	<0.033	*+	0.067	0.033	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Bromomethane	<0.054		0.20	0.054	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Carbon tetrachloride	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Chlorobenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Chloroethane	<0.034		0.067	0.034	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Chloroform	<0.025		0.13	0.025	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Chloromethane	<0.022		0.34	0.022	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
cis-1,2-Dichloroethene	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
cis-1,3-Dichloropropene	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Dibromochloromethane	<0.033	*+	0.067	0.033	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Dibromomethane	<0.018	*+	0.067	0.018	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Dichlorodifluoromethane	<0.045		0.20	0.045	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Ethylbenzene	<0.012		0.017	0.012	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Hexachlorobutadiene	<0.030	*-	0.067	0.030	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Isopropyl ether	<0.019		0.067	0.019	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Isopropylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Methyl tert-butyl ether	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Methylene Chloride	<0.11		0.34	0.11	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Naphthalene	<0.023		0.067	0.023	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
n-Butylbenzene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
N-Propylbenzene	<0.028		0.067	0.028	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
p-Isopropyltoluene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50

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Client Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-11

Lab Sample ID: 500-237063-11

Date Collected: 07/20/23 09:00

Matrix: Solid

Date Received: 07/22/23 09:50

Percent Solids: 85.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Styrene	<0.026		0.067	0.026	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
tert-Butylbenzene	<0.027		0.067	0.027	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Tetrachloroethene	<0.025		0.067	0.025	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Toluene	<0.0099		0.017	0.0099	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
trans-1,2-Dichloroethene	<0.024		0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
trans-1,3-Dichloropropene	<0.024	*+	0.067	0.024	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Trichloroethene	0.14		0.034	0.011	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Trichlorofluoromethane	<0.029		0.067	0.029	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Vinyl chloride	<0.018		0.067	0.018	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Xylenes, Total	<0.015		0.034	0.015	mg/Kg	☼	07/20/23 09:00	07/27/23 13:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 126				07/20/23 09:00	07/27/23 13:06	50
4-Bromofluorobenzene (Surr)	111		72 - 124				07/20/23 09:00	07/27/23 13:06	50
Dibromofluoromethane (Surr)	102		75 - 120				07/20/23 09:00	07/27/23 13:06	50
Toluene-d8 (Surr)	91		75 - 120				07/20/23 09:00	07/27/23 13:06	50

Definitions/Glossary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

GC/MS VOA

Prep Batch: 724381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-237063-1	SWB-1	Total/NA	Solid	5035	
500-237063-2	SWB-2	Total/NA	Solid	5035	
500-237063-3	SWB-3	Total/NA	Solid	5035	
500-237063-4	SWB-4	Total/NA	Solid	5035	
500-237063-5	SWB-5	Total/NA	Solid	5035	
500-237063-6	SWB-6	Total/NA	Solid	5035	
500-237063-7	SWB-7	Total/NA	Solid	5035	
500-237063-8	SWB-8	Total/NA	Solid	5035	
500-237063-9	SWB-9	Total/NA	Solid	5035	
500-237063-10	SWB-10	Total/NA	Solid	5035	
500-237063-11	SWB-11	Total/NA	Solid	5035	
LB3 500-724381/19-A	Method Blank	Total/NA	Solid	5035	
LCS 500-724381/20-A	Lab Control Sample	Total/NA	Solid	5035	
500-237063-6 MS	SWB-6	Total/NA	Solid	5035	
500-237063-6 MSD	SWB-6	Total/NA	Solid	5035	

Analysis Batch: 724817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-237063-1	SWB-1	Total/NA	Solid	8260B	724381
500-237063-2	SWB-2	Total/NA	Solid	8260B	724381
500-237063-3	SWB-3	Total/NA	Solid	8260B	724381
500-237063-4	SWB-4	Total/NA	Solid	8260B	724381
500-237063-5	SWB-5	Total/NA	Solid	8260B	724381
500-237063-6	SWB-6	Total/NA	Solid	8260B	724381
LB3 500-724381/19-A	Method Blank	Total/NA	Solid	8260B	724381
MB 500-724817/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-724381/20-A	Lab Control Sample	Total/NA	Solid	8260B	724381
LCS 500-724817/4	Lab Control Sample	Total/NA	Solid	8260B	
500-237063-6 MS	SWB-6	Total/NA	Solid	8260B	724381
500-237063-6 MSD	SWB-6	Total/NA	Solid	8260B	724381

Analysis Batch: 725050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-237063-7	SWB-7	Total/NA	Solid	8260B	724381
500-237063-8	SWB-8	Total/NA	Solid	8260B	724381
500-237063-9	SWB-9	Total/NA	Solid	8260B	724381
500-237063-10	SWB-10	Total/NA	Solid	8260B	724381
500-237063-11	SWB-11	Total/NA	Solid	8260B	724381
MB 500-725050/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-725050/29	Lab Control Sample	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 724682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-237063-1	SWB-1	Total/NA	Solid	Moisture	
500-237063-2	SWB-2	Total/NA	Solid	Moisture	
500-237063-3	SWB-3	Total/NA	Solid	Moisture	
500-237063-4	SWB-4	Total/NA	Solid	Moisture	
500-237063-5	SWB-5	Total/NA	Solid	Moisture	
500-237063-6	SWB-6	Total/NA	Solid	Moisture	

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QC Association Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

General Chemistry (Continued)

Analysis Batch: 724682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-237063-7	SWB-7	Total/NA	Solid	Moisture	
500-237063-8	SWB-8	Total/NA	Solid	Moisture	
500-237063-9	SWB-9	Total/NA	Solid	Moisture	
500-237063-10	SWB-10	Total/NA	Solid	Moisture	
500-237063-11	SWB-11	Total/NA	Solid	Moisture	

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Surrogate Summary

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-237063-1	SWB-1	103	111	102	91
500-237063-2	SWB-2	103	115	100	91
500-237063-3	SWB-3	103	114	101	90
500-237063-4	SWB-4	104	119	101	91
500-237063-5	SWB-5	104	115	103	91
500-237063-6	SWB-6	105	116	103	92
500-237063-6 MS	SWB-6	100	113	98	91
500-237063-6 MSD	SWB-6	101	111	99	93
500-237063-7	SWB-7	103	107	102	90
500-237063-8	SWB-8	101	112	100	90
500-237063-9	SWB-9	104	106	104	91
500-237063-10	SWB-10	102	112	101	91
500-237063-11	SWB-11	105	111	102	91
LB3 500-724381/19-A	Method Blank	100	111	98	91
LCS 500-724381/20-A	Lab Control Sample	100	115	100	93
LCS 500-724817/4	Lab Control Sample	92	112	95	94
LCS 500-725050/29	Lab Control Sample	96	108	98	94
MB 500-724817/6	Method Blank	97	110	100	92
MB 500-725050/6	Method Blank	101	111	102	91

Surrogate Legend

- DCA = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane (Surr)
- TOL = Toluene-d8 (Surr)

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-724381/19-A
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724381

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.023		0.050	0.023	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1,1-Trichloroethane	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1,2,2-Tetrachloroethane	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1,2-Trichloroethane	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1-Dichloroethane	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1-Dichloroethene	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,1-Dichloropropene	<0.015		0.050	0.015	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2,3-Trichlorobenzene	<0.023		0.050	0.023	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2,3-Trichloropropane	<0.021		0.10	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2,4-Trichlorobenzene	<0.017		0.050	0.017	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2,4-Trimethylbenzene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2-Dibromo-3-Chloropropane	<0.10		0.25	0.10	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2-Dibromoethane (EDB)	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2-Dichlorobenzene	<0.017		0.050	0.017	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2-Dichloroethane	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,2-Dichloropropane	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,3,5-Trimethylbenzene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,3-Dichloropropane	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
1,4-Dichlorobenzene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
2,2-Dichloropropane	<0.022		0.050	0.022	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
2-Chlorotoluene	<0.016		0.050	0.016	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
4-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Benzene	<0.0073		0.013	0.0073	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Bromobenzene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Bromochloromethane	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Dichlorobromomethane	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Bromoform	<0.024		0.050	0.024	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Bromomethane	<0.040		0.15	0.040	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Carbon tetrachloride	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Chlorobenzene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Chloroethane	<0.025		0.050	0.025	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Chloroform	<0.019		0.10	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Chloromethane	<0.016		0.25	0.016	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
cis-1,2-Dichloroethene	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
cis-1,3-Dichloropropene	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Dibromochloromethane	<0.024		0.050	0.024	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Dibromomethane	<0.014		0.050	0.014	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Dichlorodifluoromethane	<0.034		0.15	0.034	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Ethylbenzene	<0.0092		0.013	0.0092	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Hexachlorobutadiene	<0.022		0.050	0.022	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Isopropyl ether	<0.014		0.050	0.014	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Isopropylbenzene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Methyl tert-butyl ether	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Methylene Chloride	<0.082		0.25	0.082	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Naphthalene	<0.017		0.050	0.017	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
n-Butylbenzene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
N-Propylbenzene	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-724381/19-A
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724381

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
sec-Butylbenzene	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Styrene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
tert-Butylbenzene	<0.020		0.050	0.020	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Toluene	0.00818	J	0.013	0.0074	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
trans-1,2-Dichloroethene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
trans-1,3-Dichloropropene	<0.018		0.050	0.018	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Trichloroethene	<0.0082		0.025	0.0082	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Trichlorofluoromethane	<0.021		0.050	0.021	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Vinyl chloride	<0.013		0.050	0.013	mg/Kg		07/24/23 02:30	07/26/23 13:24	50
Xylenes, Total	<0.011		0.025	0.011	mg/Kg		07/24/23 02:30	07/26/23 13:24	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	07/24/23 02:30	07/26/23 13:24	50
4-Bromofluorobenzene (Surr)	111		72 - 124	07/24/23 02:30	07/26/23 13:24	50
Dibromofluoromethane (Surr)	98		75 - 120	07/24/23 02:30	07/26/23 13:24	50
Toluene-d8 (Surr)	91		75 - 120	07/24/23 02:30	07/26/23 13:24	50

Lab Sample ID: LCS 500-724381/20-A
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	2.50	2.58		mg/Kg		103	70 - 125
1,1,1,2,2-Tetrachloroethane	2.50	4.08	*+	mg/Kg		163	62 - 140
1,1,1,2-Trichloroethane	2.50	3.20		mg/Kg		128	71 - 130
1,1-Dichloroethane	2.50	3.13		mg/Kg		125	70 - 125
1,1-Dichloroethene	2.50	2.78		mg/Kg		111	67 - 122
1,1-Dichloropropene	2.50	2.86		mg/Kg		114	70 - 121
1,2,3-Trichlorobenzene	2.50	1.81		mg/Kg		72	51 - 145
1,2,3-Trichloropropane	2.50	3.91	*+	mg/Kg		156	50 - 133
1,2,4-Trichlorobenzene	2.50	1.72		mg/Kg		69	57 - 137
1,2,4-Trimethylbenzene	2.50	3.00		mg/Kg		120	70 - 123
1,2-Dibromo-3-Chloropropane	2.50	3.89	*+	mg/Kg		155	56 - 123
1,2-Dibromoethane (EDB)	2.50	3.31	*+	mg/Kg		132	70 - 125
1,2-Dichlorobenzene	2.50	2.93		mg/Kg		117	70 - 125
1,2-Dichloroethane	2.50	3.16		mg/Kg		126	68 - 127
1,2-Dichloropropane	2.50	3.35	*+	mg/Kg		134	67 - 130
1,3,5-Trimethylbenzene	2.50	2.96		mg/Kg		119	70 - 123
1,3-Dichlorobenzene	2.50	2.86		mg/Kg		115	70 - 125
1,3-Dichloropropane	2.50	3.35		mg/Kg		134	62 - 136
1,4-Dichlorobenzene	2.50	2.86		mg/Kg		114	70 - 120
2,2-Dichloropropane	2.50	2.88		mg/Kg		115	58 - 139
2-Chlorotoluene	2.50	3.17	*+	mg/Kg		127	70 - 125
4-Chlorotoluene	2.50	3.22	*+	mg/Kg		129	68 - 124
Benzene	2.50	2.93		mg/Kg		117	70 - 120

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-724381/20-A
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	2.50	3.16	*+	mg/Kg		126	70 - 122
Bromochloromethane	2.50	3.00		mg/Kg		120	65 - 122
Dichlorobromomethane	2.50	3.29	*+	mg/Kg		132	69 - 120
Bromoform	2.50	3.80	*+	mg/Kg		152	56 - 132
Bromomethane	2.50	3.38		mg/Kg		135	40 - 152
Carbon tetrachloride	2.50	2.79		mg/Kg		112	59 - 133
Chlorobenzene	2.50	2.81		mg/Kg		112	70 - 120
Chloroethane	2.50	2.75		mg/Kg		110	48 - 136
Chloroform	2.50	2.79		mg/Kg		112	70 - 120
Chloromethane	2.50	2.69		mg/Kg		108	56 - 152
cis-1,2-Dichloroethene	2.50	2.99		mg/Kg		120	70 - 125
cis-1,3-Dichloropropene	2.50	3.10		mg/Kg		124	64 - 127
Dibromochloromethane	2.50	3.50	*+	mg/Kg		140	68 - 125
Dibromomethane	2.50	3.28	*+	mg/Kg		131	70 - 120
Dichlorodifluoromethane	2.50	1.31		mg/Kg		52	40 - 159
Ethylbenzene	2.50	2.72		mg/Kg		109	70 - 123
Hexachlorobutadiene	2.50	1.34		mg/Kg		53	51 - 150
Isopropylbenzene	2.50	3.01		mg/Kg		121	70 - 126
Methyl tert-butyl ether	2.50	2.68		mg/Kg		107	55 - 123
Methylene Chloride	2.50	3.08		mg/Kg		123	69 - 125
Naphthalene	2.50	2.61		mg/Kg		104	53 - 144
n-Butylbenzene	2.50	2.49		mg/Kg		99	68 - 125
N-Propylbenzene	2.50	3.16		mg/Kg		126	69 - 127
p-Isopropyltoluene	2.50	2.64		mg/Kg		105	70 - 125
sec-Butylbenzene	2.50	2.72		mg/Kg		109	70 - 123
Styrene	2.50	2.97		mg/Kg		119	70 - 120
tert-Butylbenzene	2.50	2.78		mg/Kg		111	70 - 121
Tetrachloroethene	2.50	2.42		mg/Kg		97	70 - 128
Toluene	2.50	2.91		mg/Kg		116	70 - 125
trans-1,2-Dichloroethene	2.50	2.66		mg/Kg		107	70 - 125
trans-1,3-Dichloropropene	2.50	3.24	*+	mg/Kg		130	62 - 128
Trichloroethene	2.50	2.75		mg/Kg		110	70 - 125
Trichlorofluoromethane	2.50	2.51		mg/Kg		100	55 - 128
Vinyl chloride	2.50	2.46		mg/Kg		98	64 - 126
Xylenes, Total	5.00	5.64		mg/Kg		113	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
4-Bromofluorobenzene (Surr)	115		72 - 124
Dibromofluoromethane (Surr)	100		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-237063-6 MS
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: SWB-6
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.028		3.08	2.93		mg/Kg	☆	95	70 - 125

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-237063-6 MS

Matrix: Solid

Analysis Batch: 724817

Client Sample ID: SWB-6

Prep Type: Total/NA

Prep Batch: 724381

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	<0.023		3.08	2.65		mg/Kg	☼	86	70 - 125
1,1,1,2-Tetrachloroethane	<0.025	*+	3.08	4.14		mg/Kg	☼	134	62 - 140
1,1,2-Trichloroethane	<0.022		3.08	3.20		mg/Kg	☼	104	71 - 130
1,1-Dichloroethane	<0.025		3.08	3.18		mg/Kg	☼	103	70 - 125
1,1-Dichloroethene	<0.024		3.08	3.10		mg/Kg	☼	101	67 - 122
1,1-Dichloropropene	<0.018		3.08	2.93		mg/Kg	☼	95	70 - 121
1,2,3-Trichlorobenzene	<0.028		3.08	1.72		mg/Kg	☼	56	51 - 145
1,2,3-Trichloropropane	<0.026	*+	3.08	3.93		mg/Kg	☼	128	50 - 133
1,2,4-Trichlorobenzene	<0.021	F1	3.08	1.64	F1	mg/Kg	☼	53	57 - 137
1,2,4-Trimethylbenzene	<0.022		3.08	2.94		mg/Kg	☼	95	70 - 123
1,2-Dibromo-3-Chloropropane	<0.12	F1 *+	3.08	4.10	F1	mg/Kg	☼	133	56 - 123
1,2-Dibromoethane (EDB)	<0.024	*+	3.08	3.28		mg/Kg	☼	107	70 - 125
1,2-Dichlorobenzene	<0.021		3.08	2.91		mg/Kg	☼	94	70 - 125
1,2-Dichloroethane	<0.024		3.08	3.09		mg/Kg	☼	100	68 - 127
1,2-Dichloropropane	<0.026	*+	3.08	3.43		mg/Kg	☼	111	67 - 130
1,3,5-Trimethylbenzene	<0.023		3.08	2.89		mg/Kg	☼	94	70 - 123
1,3-Dichlorobenzene	<0.025		3.08	2.79		mg/Kg	☼	90	70 - 125
1,3-Dichloropropane	<0.022		3.08	3.33		mg/Kg	☼	108	62 - 136
1,4-Dichlorobenzene	<0.022		3.08	2.87		mg/Kg	☼	93	70 - 120
2,2-Dichloropropane	<0.027		3.08	2.79		mg/Kg	☼	91	58 - 139
2-Chlorotoluene	<0.019	*+	3.08	3.16		mg/Kg	☼	102	70 - 125
4-Chlorotoluene	<0.022	*+	3.08	3.18		mg/Kg	☼	103	68 - 124
Benzene	<0.0090		3.08	2.99		mg/Kg	☼	97	70 - 120
Bromobenzene	<0.022	*+	3.08	3.20		mg/Kg	☼	104	70 - 122
Bromochloromethane	<0.026		3.08	2.93		mg/Kg	☼	95	65 - 122
Dichlorobromomethane	<0.023	*+	3.08	3.24		mg/Kg	☼	105	69 - 120
Bromoform	<0.030	*+	3.08	3.83		mg/Kg	☼	124	56 - 132
Bromomethane	<0.049		3.08	3.85		mg/Kg	☼	125	40 - 152
Carbon tetrachloride	<0.024		3.08	2.86		mg/Kg	☼	93	59 - 133
Chlorobenzene	<0.024		3.08	2.81		mg/Kg	☼	91	70 - 120
Chloroethane	<0.031		3.08	3.11		mg/Kg	☼	101	48 - 136
Chloroform	<0.023		3.08	2.85		mg/Kg	☼	92	70 - 120
Chloromethane	<0.020		3.08	3.56		mg/Kg	☼	115	56 - 152
cis-1,2-Dichloroethene	<0.025		3.08	3.04		mg/Kg	☼	99	70 - 125
cis-1,3-Dichloropropene	<0.026		3.08	3.07		mg/Kg	☼	100	64 - 127
Dibromochloromethane	<0.030	*+	3.08	3.47		mg/Kg	☼	113	68 - 125
Dibromomethane	<0.017	*+	3.08	3.29		mg/Kg	☼	107	70 - 120
Dichlorodifluoromethane	<0.042		3.08	2.63		mg/Kg	☼	85	40 - 159
Ethylbenzene	<0.011		3.08	2.69		mg/Kg	☼	87	70 - 123
Hexachlorobutadiene	<0.027	F1	3.08	1.36	F1	mg/Kg	☼	44	51 - 150
Isopropylbenzene	<0.024		3.08	3.02		mg/Kg	☼	98	70 - 126
Methyl tert-butyl ether	<0.024		3.08	2.77		mg/Kg	☼	90	55 - 123
Methylene Chloride	<0.10		3.08	3.17		mg/Kg	☼	103	69 - 125
Naphthalene	<0.021		3.08	2.63		mg/Kg	☼	85	53 - 144
n-Butylbenzene	<0.024		3.08	2.42		mg/Kg	☼	79	68 - 125
N-Propylbenzene	<0.026		3.08	3.14		mg/Kg	☼	102	69 - 127
p-Isopropyltoluene	<0.022		3.08	2.59		mg/Kg	☼	84	70 - 125
sec-Butylbenzene	<0.025		3.08	2.68		mg/Kg	☼	87	70 - 123
Styrene	<0.024		3.08	2.99		mg/Kg	☼	97	70 - 120

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-237063-6 MS
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: SWB-6
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
tert-Butylbenzene	<0.025		3.08	2.77		mg/Kg	☼	90	70 - 121	
Tetrachloroethene	<0.023		3.08	2.44		mg/Kg	☼	79	70 - 128	
Toluene	0.0095	J B	3.08	2.93		mg/Kg	☼	95	70 - 125	
trans-1,2-Dichloroethene	<0.022		3.08	2.83		mg/Kg	☼	92	70 - 125	
trans-1,3-Dichloropropene	<0.022	*+	3.08	3.22		mg/Kg	☼	105	62 - 128	
Trichloroethene	1.0		3.08	3.90		mg/Kg	☼	94	70 - 125	
Trichlorofluoromethane	<0.026		3.08	2.81		mg/Kg	☼	91	55 - 128	
Vinyl chloride	<0.016		3.08	2.95		mg/Kg	☼	96	64 - 126	
Xylenes, Total	<0.014		6.16	5.60		mg/Kg	☼	91	70 - 125	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	100		75 - 126							
4-Bromofluorobenzene (Surr)	113		72 - 124							
Dibromofluoromethane (Surr)	98		75 - 120							
Toluene-d8 (Surr)	91		75 - 120							

Lab Sample ID: 500-237063-6 MSD
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: SWB-6
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.028		3.08	3.03		mg/Kg	☼	98	70 - 125	3	30	
1,1,1-Trichloroethane	<0.023		3.08	2.76		mg/Kg	☼	90	70 - 125	4	30	
1,1,2,2-Tetrachloroethane	<0.025	*+	3.08	4.09		mg/Kg	☼	133	62 - 140	1	30	
1,1,2-Trichloroethane	<0.022		3.08	3.28		mg/Kg	☼	107	71 - 130	3	30	
1,1-Dichloroethane	<0.025		3.08	3.31		mg/Kg	☼	108	70 - 125	4	30	
1,1-Dichloroethene	<0.024		3.08	3.04		mg/Kg	☼	99	67 - 122	2	30	
1,1-Dichloropropene	<0.018		3.08	3.02		mg/Kg	☼	98	70 - 121	3	30	
1,2,3-Trichlorobenzene	<0.028		3.08	1.94		mg/Kg	☼	63	51 - 145	12	30	
1,2,3-Trichloropropane	<0.026	*+	3.08	3.93		mg/Kg	☼	128	50 - 133	0	30	
1,2,4-Trichlorobenzene	<0.021	F1	3.08	1.96		mg/Kg	☼	64	57 - 137	18	30	
1,2,4-Trimethylbenzene	<0.022		3.08	3.13		mg/Kg	☼	102	70 - 123	6	30	
1,2-Dibromo-3-Chloropropane	<0.12	F1 *+	3.08	4.13	F1	mg/Kg	☼	134	56 - 123	1	30	
1,2-Dibromoethane (EDB)	<0.024	*+	3.08	3.33		mg/Kg	☼	108	70 - 125	1	30	
1,2-Dichlorobenzene	<0.021		3.08	3.01		mg/Kg	☼	98	70 - 125	3	30	
1,2-Dichloroethane	<0.024		3.08	3.28		mg/Kg	☼	106	68 - 127	6	30	
1,2-Dichloropropane	<0.026	*+	3.08	3.53		mg/Kg	☼	115	67 - 130	3	30	
1,3,5-Trimethylbenzene	<0.023		3.08	3.12		mg/Kg	☼	101	70 - 123	8	30	
1,3-Dichlorobenzene	<0.025		3.08	2.95		mg/Kg	☼	96	70 - 125	6	30	
1,3-Dichloropropane	<0.022		3.08	3.40		mg/Kg	☼	110	62 - 136	2	30	
1,4-Dichlorobenzene	<0.022		3.08	2.97		mg/Kg	☼	96	70 - 120	3	30	
2,2-Dichloropropane	<0.027		3.08	2.85		mg/Kg	☼	93	58 - 139	2	30	
2-Chlorotoluene	<0.019	*+	3.08	3.28		mg/Kg	☼	106	70 - 125	4	30	
4-Chlorotoluene	<0.022	*+	3.08	3.29		mg/Kg	☼	107	68 - 124	3	30	
Benzene	<0.0090		3.08	3.09		mg/Kg	☼	100	70 - 120	3	30	
Bromobenzene	<0.022	*+	3.08	3.21		mg/Kg	☼	104	70 - 122	0	30	
Bromochloromethane	<0.026		3.08	3.11		mg/Kg	☼	101	65 - 122	6	30	
Dichlorobromomethane	<0.023	*+	3.08	3.41		mg/Kg	☼	111	69 - 120	5	30	

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-237063-6 MSD
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: SWB-6
Prep Type: Total/NA
Prep Batch: 724381

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Bromoform	<0.030	*+	3.08	3.87		mg/Kg	⊛	126	56 - 132	1	30
Bromomethane	<0.049		3.08	3.89		mg/Kg	⊛	126	40 - 152	1	30
Carbon tetrachloride	<0.024		3.08	2.94		mg/Kg	⊛	96	59 - 133	3	30
Chlorobenzene	<0.024		3.08	2.95		mg/Kg	⊛	96	70 - 120	5	30
Chloroethane	<0.031		3.08	3.08		mg/Kg	⊛	100	48 - 136	1	30
Chloroform	<0.023		3.08	2.92		mg/Kg	⊛	95	70 - 120	3	30
Chloromethane	<0.020		3.08	3.52		mg/Kg	⊛	114	56 - 152	1	30
cis-1,2-Dichloroethene	<0.025		3.08	3.01		mg/Kg	⊛	98	70 - 125	1	30
cis-1,3-Dichloropropene	<0.026		3.08	3.15		mg/Kg	⊛	102	64 - 127	3	30
Dibromochloromethane	<0.030	*+	3.08	3.61		mg/Kg	⊛	117	68 - 125	4	30
Dibromomethane	<0.017	*+	3.08	3.39		mg/Kg	⊛	110	70 - 120	3	30
Dichlorodifluoromethane	<0.042		3.08	2.52		mg/Kg	⊛	82	40 - 159	4	30
Ethylbenzene	<0.011		3.08	2.86		mg/Kg	⊛	93	70 - 123	6	30
Hexachlorobutadiene	<0.027	F1	3.08	1.67		mg/Kg	⊛	54	51 - 150	20	30
Isopropylbenzene	<0.024		3.08	3.16		mg/Kg	⊛	103	70 - 126	5	30
Methyl tert-butyl ether	<0.024		3.08	2.78		mg/Kg	⊛	90	55 - 123	0	30
Methylene Chloride	<0.10		3.08	3.31		mg/Kg	⊛	107	69 - 125	4	30
Naphthalene	<0.021		3.08	2.77		mg/Kg	⊛	90	53 - 144	5	30
n-Butylbenzene	<0.024		3.08	2.77		mg/Kg	⊛	90	68 - 125	13	30
N-Propylbenzene	<0.026		3.08	3.31		mg/Kg	⊛	107	69 - 127	5	30
p-Isopropyltoluene	<0.022		3.08	2.87		mg/Kg	⊛	93	70 - 125	10	30
sec-Butylbenzene	<0.025		3.08	2.98		mg/Kg	⊛	97	70 - 123	11	30
Styrene	<0.024		3.08	3.10		mg/Kg	⊛	101	70 - 120	3	30
tert-Butylbenzene	<0.025		3.08	3.01		mg/Kg	⊛	98	70 - 121	9	30
Tetrachloroethene	<0.023		3.08	2.57		mg/Kg	⊛	83	70 - 128	5	30
Toluene	0.0095	J B	3.08	3.05		mg/Kg	⊛	99	70 - 125	4	30
trans-1,2-Dichloroethene	<0.022		3.08	2.93		mg/Kg	⊛	95	70 - 125	3	30
trans-1,3-Dichloropropene	<0.022	*+	3.08	3.37		mg/Kg	⊛	109	62 - 128	5	30
Trichloroethene	1.0		3.08	3.98		mg/Kg	⊛	97	70 - 125	2	30
Trichlorofluoromethane	<0.026		3.08	2.80		mg/Kg	⊛	91	55 - 128	0	30
Vinyl chloride	<0.016		3.08	3.06		mg/Kg	⊛	99	64 - 126	4	30
Xylenes, Total	<0.014		6.16	5.88		mg/Kg	⊛	96	70 - 125	5	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		75 - 126
4-Bromofluorobenzene (Surr)	111		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: MB 500-724817/6
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			07/26/23 10:59	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			07/26/23 10:59	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			07/26/23 10:59	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			07/26/23 10:59	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-724817/6
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			07/26/23 10:59	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			07/26/23 10:59	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			07/26/23 10:59	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			07/26/23 10:59	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			07/26/23 10:59	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			07/26/23 10:59	1
1,2-Dibromoethane (EDB)	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			07/26/23 10:59	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			07/26/23 10:59	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			07/26/23 10:59	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			07/26/23 10:59	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			07/26/23 10:59	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			07/26/23 10:59	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			07/26/23 10:59	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			07/26/23 10:59	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			07/26/23 10:59	1
Dichlorobromomethane	<0.00037		0.0010	0.00037	mg/Kg			07/26/23 10:59	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			07/26/23 10:59	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			07/26/23 10:59	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			07/26/23 10:59	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			07/26/23 10:59	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			07/26/23 10:59	1
Chloromethane	<0.00032		0.0050	0.00032	mg/Kg			07/26/23 10:59	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			07/26/23 10:59	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			07/26/23 10:59	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			07/26/23 10:59	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			07/26/23 10:59	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			07/26/23 10:59	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			07/26/23 10:59	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			07/26/23 10:59	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			07/26/23 10:59	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			07/26/23 10:59	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			07/26/23 10:59	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			07/26/23 10:59	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			07/26/23 10:59	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			07/26/23 10:59	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			07/26/23 10:59	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			07/26/23 10:59	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			07/26/23 10:59	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-724817/6
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00015		0.00025	0.00015	mg/Kg			07/26/23 10:59	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			07/26/23 10:59	1
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			07/26/23 10:59	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			07/26/23 10:59	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			07/26/23 10:59	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			07/26/23 10:59	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			07/26/23 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		07/26/23 10:59	1
4-Bromofluorobenzene (Surr)	110		72 - 124		07/26/23 10:59	1
Dibromofluoromethane (Surr)	100		75 - 120		07/26/23 10:59	1
Toluene-d8 (Surr)	92		75 - 120		07/26/23 10:59	1

Lab Sample ID: LCS 500-724817/4
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0447		mg/Kg		89	70 - 125
1,1,1-Trichloroethane	0.0500	0.0408		mg/Kg		82	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0532		mg/Kg		106	62 - 140
1,1,2-Trichloroethane	0.0500	0.0444		mg/Kg		89	71 - 130
1,1-Dichloroethane	0.0500	0.0481		mg/Kg		96	70 - 125
1,1-Dichloroethene	0.0500	0.0460		mg/Kg		92	67 - 122
1,1-Dichloropropene	0.0500	0.0449		mg/Kg		90	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0303		mg/Kg		61	51 - 145
1,2,3-Trichloropropane	0.0500	0.0500		mg/Kg		100	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0321		mg/Kg		64	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0495		mg/Kg		99	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0524		mg/Kg		105	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0458		mg/Kg		92	70 - 125
1,2-Dichlorobenzene	0.0500	0.0454		mg/Kg		91	70 - 125
1,2-Dichloroethane	0.0500	0.0451		mg/Kg		90	68 - 127
1,2-Dichloropropane	0.0500	0.0511		mg/Kg		102	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0489		mg/Kg		98	70 - 123
1,3-Dichlorobenzene	0.0500	0.0457		mg/Kg		91	70 - 125
1,3-Dichloropropane	0.0500	0.0475		mg/Kg		95	62 - 136
1,4-Dichlorobenzene	0.0500	0.0453		mg/Kg		91	70 - 120
2,2-Dichloropropane	0.0500	0.0444		mg/Kg		89	58 - 139
2-Chlorotoluene	0.0500	0.0503		mg/Kg		101	70 - 125
4-Chlorotoluene	0.0500	0.0502		mg/Kg		100	68 - 124
Benzene	0.0500	0.0453		mg/Kg		91	70 - 120
Bromobenzene	0.0500	0.0472		mg/Kg		94	70 - 122
Bromochloromethane	0.0500	0.0441		mg/Kg		88	65 - 122
Dichlorobromomethane	0.0500	0.0478		mg/Kg		96	69 - 120
Bromoform	0.0500	0.0538		mg/Kg		108	56 - 132
Bromomethane	0.0500	0.0680		mg/Kg		136	40 - 152

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-724817/4
Matrix: Solid
Analysis Batch: 724817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	0.0500	0.0441		mg/Kg		88	59 - 133
Chlorobenzene	0.0500	0.0438		mg/Kg		88	70 - 120
Chloroethane	0.0500	0.0538		mg/Kg		108	48 - 136
Chloroform	0.0500	0.0431		mg/Kg		86	70 - 120
Chloromethane	0.0500	0.0592		mg/Kg		118	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0442		mg/Kg		88	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0469		mg/Kg		94	64 - 127
Dibromochloromethane	0.0500	0.0508		mg/Kg		102	68 - 125
Dibromomethane	0.0500	0.0466		mg/Kg		93	70 - 120
Dichlorodifluoromethane	0.0500	0.0440		mg/Kg		88	40 - 159
Ethylbenzene	0.0500	0.0437		mg/Kg		87	70 - 123
Hexachlorobutadiene	0.0500	0.0295		mg/Kg		59	51 - 150
Isopropylbenzene	0.0500	0.0484		mg/Kg		97	70 - 126
Methyl tert-butyl ether	0.0500	0.0360		mg/Kg		72	55 - 123
Methylene Chloride	0.0500	0.0459		mg/Kg		92	69 - 125
Naphthalene	0.0500	0.0370		mg/Kg		74	53 - 144
n-Butylbenzene	0.0500	0.0469		mg/Kg		94	68 - 125
N-Propylbenzene	0.0500	0.0515		mg/Kg		103	69 - 127
p-Isopropyltoluene	0.0500	0.0477		mg/Kg		95	70 - 125
sec-Butylbenzene	0.0500	0.0484		mg/Kg		97	70 - 123
Styrene	0.0500	0.0466		mg/Kg		93	70 - 120
tert-Butylbenzene	0.0500	0.0481		mg/Kg		96	70 - 121
Tetrachloroethene	0.0500	0.0391		mg/Kg		78	70 - 128
Toluene	0.0500	0.0453		mg/Kg		91	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0434		mg/Kg		87	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0483		mg/Kg		97	62 - 128
Trichloroethene	0.0500	0.0437		mg/Kg		87	70 - 125
Trichlorofluoromethane	0.0500	0.0446		mg/Kg		89	55 - 128
Vinyl chloride	0.0500	0.0493		mg/Kg		99	64 - 126
Xylenes, Total	0.100	0.0900		mg/Kg		90	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 126
4-Bromofluorobenzene (Surr)	112		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-725050/6
Matrix: Solid
Analysis Batch: 725050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00046		0.0010	0.00046	mg/Kg			07/27/23 10:17	1
1,1,1-Trichloroethane	<0.00038		0.0010	0.00038	mg/Kg			07/27/23 10:17	1
1,1,2,2-Tetrachloroethane	<0.00040		0.0010	0.00040	mg/Kg			07/27/23 10:17	1
1,1,2-Trichloroethane	<0.00035		0.0010	0.00035	mg/Kg			07/27/23 10:17	1
1,1-Dichloroethane	<0.00041		0.0010	0.00041	mg/Kg			07/27/23 10:17	1
1,1-Dichloroethene	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-725050/6
Matrix: Solid
Analysis Batch: 725050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00030		0.0010	0.00030	mg/Kg			07/27/23 10:17	1
1,2,3-Trichlorobenzene	<0.00046		0.0010	0.00046	mg/Kg			07/27/23 10:17	1
1,2,3-Trichloropropane	<0.00041		0.0020	0.00041	mg/Kg			07/27/23 10:17	1
1,2,4-Trichlorobenzene	<0.00034		0.0010	0.00034	mg/Kg			07/27/23 10:17	1
1,2,4-Trimethylbenzene	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0050	0.0020	mg/Kg			07/27/23 10:17	1
1,2-Dibromoethane (EDB)	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
1,2-Dichlorobenzene	<0.00033		0.0010	0.00033	mg/Kg			07/27/23 10:17	1
1,2-Dichloroethane	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
1,2-Dichloropropane	<0.00043		0.0010	0.00043	mg/Kg			07/27/23 10:17	1
1,3,5-Trimethylbenzene	<0.00038		0.0010	0.00038	mg/Kg			07/27/23 10:17	1
1,3-Dichlorobenzene	<0.00040		0.0010	0.00040	mg/Kg			07/27/23 10:17	1
1,3-Dichloropropane	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
1,4-Dichlorobenzene	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
2,2-Dichloropropane	<0.00044		0.0010	0.00044	mg/Kg			07/27/23 10:17	1
2-Chlorotoluene	<0.00031		0.0010	0.00031	mg/Kg			07/27/23 10:17	1
4-Chlorotoluene	<0.00035		0.0010	0.00035	mg/Kg			07/27/23 10:17	1
Benzene	<0.00015		0.00025	0.00015	mg/Kg			07/27/23 10:17	1
Bromobenzene	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
Bromochloromethane	<0.00043		0.0010	0.00043	mg/Kg			07/27/23 10:17	1
Dichlorobromomethane	<0.00037		0.0010	0.00037	mg/Kg			07/27/23 10:17	1
Bromoform	<0.00048		0.0010	0.00048	mg/Kg			07/27/23 10:17	1
Bromomethane	<0.00080		0.0030	0.00080	mg/Kg			07/27/23 10:17	1
Carbon tetrachloride	<0.00038		0.0010	0.00038	mg/Kg			07/27/23 10:17	1
Chlorobenzene	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
Chloroethane	<0.00050		0.0010	0.00050	mg/Kg			07/27/23 10:17	1
Chloroform	<0.00037		0.0020	0.00037	mg/Kg			07/27/23 10:17	1
Chloromethane	<0.00032		0.0050	0.00032	mg/Kg			07/27/23 10:17	1
cis-1,2-Dichloroethene	<0.00041		0.0010	0.00041	mg/Kg			07/27/23 10:17	1
cis-1,3-Dichloropropene	<0.00042		0.0010	0.00042	mg/Kg			07/27/23 10:17	1
Dibromochloromethane	<0.00049		0.0010	0.00049	mg/Kg			07/27/23 10:17	1
Dibromomethane	<0.00027		0.0010	0.00027	mg/Kg			07/27/23 10:17	1
Dichlorodifluoromethane	<0.00067		0.0030	0.00067	mg/Kg			07/27/23 10:17	1
Ethylbenzene	<0.00018		0.00025	0.00018	mg/Kg			07/27/23 10:17	1
Hexachlorobutadiene	<0.00045		0.0010	0.00045	mg/Kg			07/27/23 10:17	1
Isopropyl ether	<0.00028		0.0010	0.00028	mg/Kg			07/27/23 10:17	1
Isopropylbenzene	<0.00038		0.0010	0.00038	mg/Kg			07/27/23 10:17	1
Methyl tert-butyl ether	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
Methylene Chloride	<0.0016		0.0050	0.0016	mg/Kg			07/27/23 10:17	1
Naphthalene	<0.00033		0.0010	0.00033	mg/Kg			07/27/23 10:17	1
n-Butylbenzene	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
N-Propylbenzene	<0.00041		0.0010	0.00041	mg/Kg			07/27/23 10:17	1
p-Isopropyltoluene	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
sec-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			07/27/23 10:17	1
Styrene	<0.00039		0.0010	0.00039	mg/Kg			07/27/23 10:17	1
tert-Butylbenzene	<0.00040		0.0010	0.00040	mg/Kg			07/27/23 10:17	1
Tetrachloroethene	<0.00037		0.0010	0.00037	mg/Kg			07/27/23 10:17	1
Toluene	<0.00015		0.00025	0.00015	mg/Kg			07/27/23 10:17	1
trans-1,2-Dichloroethene	<0.00035		0.0010	0.00035	mg/Kg			07/27/23 10:17	1

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QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-725050/6
Matrix: Solid
Analysis Batch: 725050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.00036		0.0010	0.00036	mg/Kg			07/27/23 10:17	1
Trichloroethene	<0.00016		0.00050	0.00016	mg/Kg			07/27/23 10:17	1
Trichlorofluoromethane	<0.00043		0.0010	0.00043	mg/Kg			07/27/23 10:17	1
Vinyl chloride	<0.00026		0.0010	0.00026	mg/Kg			07/27/23 10:17	1
Xylenes, Total	<0.00022		0.00050	0.00022	mg/Kg			07/27/23 10:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		07/27/23 10:17	1
4-Bromofluorobenzene (Surr)	111		72 - 124		07/27/23 10:17	1
Dibromofluoromethane (Surr)	102		75 - 120		07/27/23 10:17	1
Toluene-d8 (Surr)	91		75 - 120		07/27/23 10:17	1

Lab Sample ID: LCS 500-725050/29
Matrix: Solid
Analysis Batch: 725050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0471		mg/Kg		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0446		mg/Kg		89	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0539		mg/Kg		108	62 - 140
1,1,2-Trichloroethane	0.0500	0.0488		mg/Kg		98	71 - 130
1,1-Dichloroethane	0.0500	0.0528		mg/Kg		106	70 - 125
1,1-Dichloroethene	0.0500	0.0481		mg/Kg		96	67 - 122
1,1-Dichloropropene	0.0500	0.0498		mg/Kg		100	70 - 121
1,2,3-Trichlorobenzene	0.0500	0.0237	*-	mg/Kg		47	51 - 145
1,2,3-Trichloropropane	0.0500	0.0510		mg/Kg		102	50 - 133
1,2,4-Trichlorobenzene	0.0500	0.0262	*-	mg/Kg		52	57 - 137
1,2,4-Trimethylbenzene	0.0500	0.0486		mg/Kg		97	70 - 123
1,2-Dibromo-3-Chloropropane	0.0500	0.0515		mg/Kg		103	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0487		mg/Kg		97	70 - 125
1,2-Dichlorobenzene	0.0500	0.0446		mg/Kg		89	70 - 125
1,2-Dichloroethane	0.0500	0.0490		mg/Kg		98	68 - 127
1,2-Dichloropropane	0.0500	0.0538		mg/Kg		108	67 - 130
1,3,5-Trimethylbenzene	0.0500	0.0493		mg/Kg		99	70 - 123
1,3-Dichlorobenzene	0.0500	0.0463		mg/Kg		93	70 - 125
1,3-Dichloropropane	0.0500	0.0506		mg/Kg		101	62 - 136
1,4-Dichlorobenzene	0.0500	0.0458		mg/Kg		92	70 - 120
2,2-Dichloropropane	0.0500	0.0511		mg/Kg		102	58 - 139
2-Chlorotoluene	0.0500	0.0512		mg/Kg		102	70 - 125
4-Chlorotoluene	0.0500	0.0524		mg/Kg		105	68 - 124
Benzene	0.0500	0.0485		mg/Kg		97	70 - 120
Bromobenzene	0.0500	0.0485		mg/Kg		97	70 - 122
Bromochloromethane	0.0500	0.0459		mg/Kg		92	65 - 122
Dichlorobromomethane	0.0500	0.0510		mg/Kg		102	69 - 120
Bromoform	0.0500	0.0581		mg/Kg		116	56 - 132
Bromomethane	0.0500	0.0665		mg/Kg		133	40 - 152
Carbon tetrachloride	0.0500	0.0493		mg/Kg		99	59 - 133
Chlorobenzene	0.0500	0.0463		mg/Kg		93	70 - 120

QC Sample Results

Client: K. Singh & Associates, Inc
 Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-725050/29
Matrix: Solid
Analysis Batch: 725050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	0.0500	0.0543		mg/Kg		109	48 - 136
Chloroform	0.0500	0.0462		mg/Kg		92	70 - 120
Chloromethane	0.0500	0.0567		mg/Kg		113	56 - 152
cis-1,2-Dichloroethene	0.0500	0.0471		mg/Kg		94	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0479		mg/Kg		96	64 - 127
Dibromochloromethane	0.0500	0.0527		mg/Kg		105	68 - 125
Dibromomethane	0.0500	0.0495		mg/Kg		99	70 - 120
Dichlorodifluoromethane	0.0500	0.0413		mg/Kg		83	40 - 159
Ethylbenzene	0.0500	0.0464		mg/Kg		93	70 - 123
Hexachlorobutadiene	0.0500	0.0246	*	mg/Kg		49	51 - 150
Isopropylbenzene	0.0500	0.0491		mg/Kg		98	70 - 126
Methyl tert-butyl ether	0.0500	0.0381		mg/Kg		76	55 - 123
Methylene Chloride	0.0500	0.0487		mg/Kg		97	69 - 125
Naphthalene	0.0500	0.0288		mg/Kg		58	53 - 144
n-Butylbenzene	0.0500	0.0452		mg/Kg		90	68 - 125
N-Propylbenzene	0.0500	0.0533		mg/Kg		107	69 - 127
p-Isopropyltoluene	0.0500	0.0461		mg/Kg		92	70 - 125
sec-Butylbenzene	0.0500	0.0470		mg/Kg		94	70 - 123
Styrene	0.0500	0.0493		mg/Kg		99	70 - 120
tert-Butylbenzene	0.0500	0.0467		mg/Kg		93	70 - 121
Tetrachloroethene	0.0500	0.0421		mg/Kg		84	70 - 128
Toluene	0.0500	0.0485		mg/Kg		97	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0480		mg/Kg		96	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0497		mg/Kg		99	62 - 128
Trichloroethene	0.0500	0.0476		mg/Kg		95	70 - 125
Trichlorofluoromethane	0.0500	0.0486		mg/Kg		97	55 - 128
Vinyl chloride	0.0500	0.0527		mg/Kg		105	64 - 126
Xylenes, Total	0.100	0.0954		mg/Kg		95	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
4-Bromofluorobenzene (Surr)	108		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-1

Date Collected: 07/19/23 16:18

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-1

Date Collected: 07/19/23 16:18

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-1

Matrix: Solid

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 16:18
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 17:26

Client Sample ID: SWB-2

Date Collected: 07/19/23 16:28

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-2

Date Collected: 07/19/23 16:28

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-2

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 16:28
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 17:51

Client Sample ID: SWB-3

Date Collected: 07/19/23 16:38

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-3

Date Collected: 07/19/23 16:38

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-3

Matrix: Solid

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 16:38
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 18:15

Client Sample ID: SWB-4

Date Collected: 07/19/23 16:49

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Eurofins Chicago

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-4

Date Collected: 07/19/23 16:49

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-4

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 13:49
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 18:40

Client Sample ID: SWB-5

Date Collected: 07/19/23 17:02

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-5

Date Collected: 07/19/23 17:02

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-5

Matrix: Solid

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 17:02
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 19:04

Client Sample ID: SWB-6

Date Collected: 07/19/23 17:15

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-6

Date Collected: 07/19/23 17:15

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-6

Matrix: Solid

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 17:15
Total/NA	Analysis	8260B		50	724817	W1T	EET CHI	07/26/23 19:28

Client Sample ID: SWB-7

Date Collected: 07/19/23 17:28

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-7

Date Collected: 07/19/23 17:28

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-7

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/19/23 17:28
Total/NA	Analysis	8260B		50	725050	PMF	EET CHI	07/27/23 11:29

Client Sample ID: SWB-8

Date Collected: 07/20/23 08:00

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-8

Date Collected: 07/20/23 08:00

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-8

Matrix: Solid

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/20/23 08:00
Total/NA	Analysis	8260B		50	725050	PMF	EET CHI	07/27/23 11:54

Client Sample ID: SWB-9

Date Collected: 07/20/23 08:30

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-9

Date Collected: 07/20/23 08:30

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-9

Matrix: Solid

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/20/23 08:30
Total/NA	Analysis	8260B		50	725050	PMF	EET CHI	07/27/23 12:18

Client Sample ID: SWB-10

Date Collected: 07/20/23 08:45

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Lab Chronicle

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Client Sample ID: SWB-10

Date Collected: 07/20/23 08:45

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-10

Matrix: Solid

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/20/23 08:45
Total/NA	Analysis	8260B		50	725050	PMF	EET CHI	07/27/23 12:42

Client Sample ID: SWB-11

Date Collected: 07/20/23 09:00

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	724682	LWN	EET CHI	07/25/23 10:22

Client Sample ID: SWB-11

Date Collected: 07/20/23 09:00

Date Received: 07/22/23 09:50

Lab Sample ID: 500-237063-11

Matrix: Solid

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			724381	WRE	EET CHI	07/20/23 09:00
Total/NA	Analysis	8260B		50	725050	PMF	EET CHI	07/27/23 13:06

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: K. Singh & Associates, Inc
Project/Site: Community Within The Corridor (CWC) 40441B

Job ID: 500-237063-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

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500-237063 COC

500-237063

Sample Collector(s) Sameer Neve Ph D ENV SP		Title Staff Environmental Engineer		Telephone # (incl area code) (262) 821 1171		Report To Sameer Neve & Pratap Singh					
Property Owner Community Within The Corridor (CWC)		Property Address 2748 N 32ND STREET MILWAUKEE, WI 53210		Telephone # (incl area code)		KSingh Project # 40441B					
I hereby certify that I received properly and disposed of the samples as noted below				Laboratory Name Eurofins							
Relinquished By (Signature) <i>[Signature]</i>		Date/Time 7/20/23 10 30		Received By (Signature) <i>[Signature]</i>		Temperature Blank. If samples were received on ice and there was ice remaining you may report the temperature as received on ice If all of the ice was melted the temperature of the melt may be substituted for the temperature blank 4.1+3.0					
Relinquished By (Signature) <i>[Signature]</i>		Date/Time 7/21/23 1700		Received By (Signature) <i>[Signature]</i> Stephanie Hernandez 0950							
1 Specify groundwater (GW) soil (S) air (A) sludge (SL) surface water (SW) etc				Sample Condition							
2 Sample description must clearly correlate the sample I D to the sampling location											
Date Collected	Time Collected	Samples		Location/Description (2)	Total VOCs	# / Type of Container					Other Comment
		Type (1)	Device			MeOH	HCL	H2SO4	Unpres		
7/19/2023	16 18	S	Auger	SWB 1	X	1				1	72 HR TAT
7/19/2023	16 28	S	Auger	SWB 2	X	1				1	72 HR TAT
7/19/2023	16 38	S	Auger	SWB 3	X	1				1	72 HR TAT
7/19/2023	16 49	S	Auger	SWB 4	X	1				1	72 HR TAT
7/19/2023	17 02	S	Auger	SWB 5	X	1				1	72 HR TAT
7/19/2023	17 15	S	Auger	SWB 6	X	1				1	72 HR TAT
7/19/2023	17 28	S	Auger	SWB 7	X	1				1	72 HR TAT
7/20/2023	8 00	S	Auger	SWB 8	X	1				1	72 HR TAT
7/20/2023	8 30	S	Auger	SWB 9	X	1				1	72 HR TAT
7/20/2023	8 45	S	Auger	SWB 10	X	1				1	72 HR TAT
7/20/2023	9 00	S	Auger	SWB 11	X	1				1	72 HR TAT
DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES					DEPARTMENT USE ONLY						
Disposition of unused portion of sample					Split Samples						
Laboratory should (check)					Offered						
<input type="checkbox"/> Dispose					<input type="checkbox"/> Y <input type="checkbox"/> N						
<input type="checkbox"/> Return					Accepted By						
<input type="checkbox"/> Retain for _____ (days)					<input type="checkbox"/> Y <input type="checkbox"/> N						
<input type="checkbox"/> Other					Signature						

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1897

500-237063 Waybl

3-434 MTA EXP 03/24
 69688/CAFE3709

ORIGIN ID:RRLA (262) 2
 IAN EVANS
 EUROFINS TESTAMERICA
 4125 N 124TH ST.
 SUITE F (REAR)
 BROOKFIELD, WI 53005
 UNITED STATES US

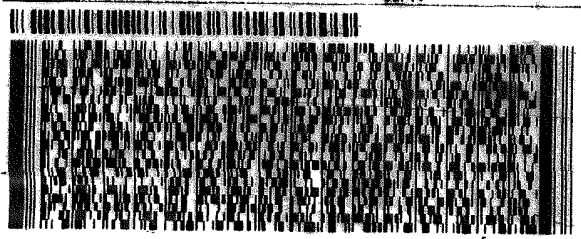
DATE: 21JUL23
 51.45 LB
 69688/CAFE3709

TO **SAMPLE RECEIPT**
EUROFINS
2417 BOND ST.

UNIVERSITY PARK IL 60484

(262) 202-6968
 INU:
 PU:

REF:
 DEPT:



2 of 2
 MPS# 6578 9771 0570
 0263
 Mstr# 6578 9771 0560

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

0201

60484
 IL DS ORD



Login Sample Receipt Checklist

Client: K. Singh & Associates, Inc

Job Number: 500-237063-1

SDG Number:

Login Number: 237063

List Number: 1

Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

