SVI Contaminants of Concern
C224203A - Former Sterling Transformer Corp.
NYSDEC - BKQM Multi-Site
Work Assignment D009805-31

Chemical Name	EPA Indoor Air Statistical Value (µg/m3)[1]	NYSDOH Air Guidance Value (µg/m^3)[2]	Identify Source and Resample or Mitigate Trigger Concentration (µg/m^3)[3]	FS-202-SS-021025 202 North 8th Street: Sub-Slab (µg/m^3)		FS-202-IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (µg/m^3)		FS-202-9IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (Duplicate) (µg/m^3)		FS-202-IA-FIRST-021025 202 North 8th Street: Indoor Air - 1st Floor (µg/m^3)		FS-202-OA-021025 202 North 8th Street: Outdoor Air (µg/m^3)		Final Action Recommendation
Benzene	9.4	-	≥10	0.565		0.706		0.642		0.601		0.604		No Further Action
cis-1,2-Dichloroethene	<1.9	-	≥1	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	No Further Action

Notes

1 - New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Appendix C Table C2 - EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA® canister method, 90th percentile for indoor air.

2 - New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Table 3.1 Air Guidance values derived by the NYSDOH; September 2013 update for PCE; August 2015 update for TCE.

3 - New York State Department of Health Soil Vapor Intrusion Guidance and Updates. Soil Vapor/Indoor Air Decision Matrix A - F, last updated February 2024. Indoor air concentration of compound that regardless of the sub-slab vapor concentration of the compound triggers "Identify Source(s) and Resample or Mitigate."

Non-detect results are reported using the associated reporting limit.

Qualifiers

U: Not considered detected. The associated number is the reported concentration.

≥: greater than or equal to

<: less than

Validated SVI Analytical Results
C224203A - Fomer Sterling Transformer Corp.
NYSDEC - BKQM Multi-Site
Work Assignment D009805-31

Chemical Name	EPA Indoor Air Statistical Value (µg/m3)[1]	NYSDOH Air Guidance Value (µg/m^3)[2]	Identify Source and Resample or Mitigate Trigger Concentration (µg/m^3)[3]	FS-202-SS-021025 202 North 8th Street: Sub-Slab (µg/m^3)		FS-202-IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (µg/m^3)		FS-202-9IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (Duplicate) (µg/m^3)		FS-202-IA-FIRST-021025 202 North 8th Street: Indoor Air - 1st Floor (µg/m^3)		FS-202-OA-021025 202 North 8th Street: Outdoor Air (µg/m^3)		Final Action Recommendation
1,1,1-Trichloroethane	20.6	-	≥10	0.109	U	0.109	U	0.109	U	0.109	U	0.153		No Further Action
1,1,2,2-Tetrachloroethane	-	-	-	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	-
1,1,2-Trichloroethane	<1.5	-	-	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	-
1,1-Dichloroethane	<0.7	-	-	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	-
1,1-Dichloroethene	<1.4	-	≥1	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	No Further Action
1,2,4-Trichlorobenzene	<6.8	-	-	0.371	U	0.371	U	0.371	U	0.371	U	0.371	U	-
1,2,4-Trimethylbenzene	9.5	-	≥10	0.177		0.433		0.398		0.438		0.959		No Further Action
1,2-Dibromoethane	<1.5	-	-	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	-
1,2-Dichlorobenzene	<1.2	-	-	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	-
1,2-Dichloroethane	<0.9	-	-	0.061	J	0.146		0.138		0.15		0.138		-
1,2-Dichloropropane	<1.6	-	-	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	-
1,3,5-Trimethylbenzene	3.7	-	-	0.098	U	0.113		0.103		0.103		0.216		-
1,3-Dichlorobenzene	<2.4	-	-	0.12	U	0.12	U	0.12	U	0.12	U	**4.49**		-
1,4-Dichlorobenzene	5.5	-	-	0.12	U	0.204		0.12	U	0.373		3.29		-
1,4-Dioxane	-	-	-	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	-
2,2,4-Trimethylpentane	-	-	≥10	0.327	J	0.397	J	0.514	J	0.341	J	0.28	J	No Further Action
2-Butanone	12	-	-	1.12	J	1.28	J	2.09		1.61		3.83		-
4-Methyl-2-pentanone	6	-	-	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	-
Benzene	9.4	-	≥10	0.565		0.706		0.642		0.601		0.604		No Further Action
Benzyl chloride	<6.8	-	-	0.518	U	0.518	U	0.518	U	0.518	U	0.518	U	-
Bromodichloromethane	-	-	-	0.134	U	0.134	U	0.134	U	0.134	U	3.61		-
Bromoform	-	-	-	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	-
Bromomethane	-	-	-	0.078	U	0.078	U	0.078	U	0.078	U	0.078	U	-
Carbon tetrachloride	<1.3	-	≥1	0.447		0.591		0.56		0.51		0.497		No Further Action
Chlorobenzene	<0.9	-	-	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U	-
Chloroethane	<1.1	-	-	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U	-
Chloroform	1.1	-	-	0.112		0.728		0.723		0.747		**66.4**		-
Chloromethane	3.7	-	-	1.02		1.11		1		1.06		0.314	J	-
cis-1,2-Dichloroethene	<1.9	-	≥1	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	No Further Action
cis-1,3-Dichloropropene	<2.3	-	-	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	-
Cyclohexane	-	-	≥10	0.565	J	0.172	J	0.176	J	0.554	J	0.341	J	No Further Action
Dibromochloromethane	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	-
Dichlorodifluoromethane	16.5	-	-	2.21		2.4		2.24		2.23		2.16		-
Ethyl Alcohol	210	-	-	10.4		174		162		153		**1140**		-
Ethylbenzene	5.7	-	≥10	0.126		0.495		0.46		0.378		0.443		No Further Action
1,1,2-Trichloro-1,2,2-trifluoroethane	-	-	-	0.452		0.475		0.468		0.46		0.514		-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	-	-	-	0.112	J	0.126	J	0.126	J	0.133	J	0.119	J	-
Heptane	-	-	≥20	0.398	J	0.82	U	0.52	J	0.623	J	0.734	J	No Further Action
Hexachlorobutadiene	<6.8	-	-	0.533	U	0.533	U	0.533	U	0.533	U	0.533	U	-
Methyl tert butyl ether	11.5	-	-	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	-
Methylene chloride	10	60	≥10	0.452	J	0.532	J	0.521	J	0.493	J	1.74	U	No Further Action
Naphthalene	5.1	-	≥10	0.262	UJ	0.246	J	0.262	UJ	0.178	J	0.231	J	No Further Action
n-Hexane	10.2	-	≥20	0.448	J	0.789		0.663	J	0.529	J	0.497	J	No Further Action
o-Xylene	7.9	-	≥10	0.152		0.682		0.625		0.53		0.834		No Further Action

Validated SVI Analytical Results
C224203A - Fomer Sterling Transformer Corp.
NYSDEC - BKQM Multi-Site
Work Assignment D009805-31

Chemical Name	EPA Indoor Air Statistical Value (µg/m3)[1]	NYSDOH Air Guidance Value (µg/m^3)[2]	Identify Source and Resample or Mitigate Trigger Concentration (µg/m^3)[3]	FS-202-SS-021025 202 North 8th Street: Sub-Slab (µg/m^3)		FS-202-IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (µg/m^3)		FS-202-9IA-BASE-021025 202 North 8th Street: Indoor Air - Basement (Duplicate) (µg/m^3)		FS-202-IA-FIRST-021025 202 North 8th Street: Indoor Air - 1st Floor (µg/m^3)		FS-202-OA-021025 202 North 8th Street: Outdoor Air (µg/m^3)		Final Action Recommendation
p/m-Xylene	22.2	-	≥20	0.352		1.71		1.59		1.23		1.61		No Further Action
Styrene	1.9	-	-	0.085	U	0.754		0.579		0.809		0.175		-
Tert-Butyl Alcohol	-	-	-	1.52	U	1.52	U	0.579	J	1.52	U	1.52	U	-
Tetrachloroethene	15.9	30	≥10	0.102	J	0.298		0.258		0.258		0.434		No Further Action
Toluene	43	-	≥50	0.75		3.11		3.07		2.12		1.58		No Further Action
trans-1,2-Dichloroethene	-	-	-	0.079	U	0.048	J	0.04	J	0.044	J	0.06	J	-
trans-1,3-Dichloropropene	<1.3	-	-	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	-
Trichloroethene	4.2	2	≥1	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	No Further Action
Trichlorofluoromethane	18.1	-	-	1.08		1.14		1.09		1.09		1.22		-
Vinyl chloride	<1.9	-	≥0.2	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	No Further Action

Notes

1 - New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Appendix C Table C2 - EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMA® canister method, 90th percentile for indoor air.

2 - New York State Department of Health Soil Vapor Intrusion Guidance, October 2006. Table 3.1 Air Guidance values derived by the NYSDOH; September 2013 update for PCE; August 2015 update for TCE.

3 - New York State Department of Health Soil Vapor Intrusion Guidance and Updates. Soil Vapor/Indoor Air Decision Matrix A - F, last updated February 2024. Indoor air concentration of compound that regardless of the sub-slab vapor concentration of the compound triggers "Identify Source(s) and Resample or Mitigate."

Bold value exceeds NYSDOH indoor air compound trigger concentration for "identify source(s) and resample or mitigate."

Non-detect results are reported using the associated reporting limit.

Qualifiers

J: Analyte was detected at the reported concentration; the quantitation is an estimate.

U: Not considered detected. The associated number is the reported concentration.

UJ: Not considered detected. The associated number is the reported concentration, which may be inaccurate.

≥: greater than or equal to

<: less than

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-01
Client ID: FS-202-IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/01/25 23:21
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.485	0.200	0.050	2.40	0.989	0.247		1
Chloromethane	0.538	0.200	0.076	1.11	0.413	0.156		1
Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	92.6	5.00	1.35	174	9.42	2.54		1
Trichlorofluoromethane	0.203	0.050	0.009	1.14	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.153	0.500	0.110	0.532	1.74	0.382	J	1
Freon-113	0.062	0.050	0.008	0.475	0.383	0.064		1
trans-1,2-Dichloroethene	0.012	0.020	0.009	0.048	0.079	0.036	J	1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.434	0.500	0.132	1.28	1.47	0.389	J	1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.149	0.020	0.007	0.728	0.098	0.035		1
1,2-Dichloroethane	0.036	0.020	0.008	0.146	0.081	0.034		1
n-Hexane	0.224	0.200	0.047	0.789	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.221	0.100	0.030	0.706	0.319	0.095		1
Carbon tetrachloride	0.094	0.020	0.011	0.591	0.126	0.069		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-01
Client ID: FS-202-IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.050	0.200	0.031	0.172	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.085	0.200	0.037	0.397	0.934	0.173	J	1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.824	0.100	0.017	3.11	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.044	0.020	0.007	0.298	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.114	0.020	0.009	0.495	0.087	0.037		1
p/m-Xylene	0.393	0.040	0.018	1.71	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.177	0.020	0.008	0.754	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.157	0.020	0.009	0.682	0.087	0.038		1
1,3,5-Trimethylbenzene	0.023	0.020	0.010	0.113	0.098	0.047		1
1,2,4-Trimethylbenzene	0.088	0.020	0.008	0.433	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-01
Client ID: FS-202-IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	0.034	0.020	0.008	0.204	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.047	0.050	0.021	0.246	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	77		60-140

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-02
Client ID: FS-202-9IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/01/25 23:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.452	0.200	0.050	2.24	0.989	0.247		1
Chloromethane	0.486	0.200	0.076	1.00	0.413	0.156		1
Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	86.2	5.00	1.35	162	9.42	2.54		1
Trichlorofluoromethane	0.194	0.050	0.009	1.09	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	0.191	0.500	0.134	0.579	1.52	0.406	J	1
Methylene chloride	0.150	0.500	0.110	0.521	1.74	0.382	J	1
Freon-113	0.061	0.050	0.008	0.468	0.383	0.064		1
trans-1,2-Dichloroethene	0.010	0.020	0.009	0.040	0.079	0.036	J	1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.709	0.500	0.132	2.09	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.148	0.020	0.007	0.723	0.098	0.035		1
1,2-Dichloroethane	0.034	0.020	0.008	0.138	0.081	0.034		1
n-Hexane	0.188	0.200	0.047	0.663	0.705	0.166	J	1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.201	0.100	0.030	0.642	0.319	0.095		1
Carbon tetrachloride	0.089	0.020	0.011	0.560	0.126	0.069		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-02
Client ID: FS-202-9IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.051	0.200	0.031	0.176	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.110	0.200	0.037	0.514	0.934	0.173	J	1
Heptane	0.127	0.200	0.031	0.520	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.815	0.100	0.017	3.07	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.038	0.020	0.007	0.258	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.106	0.020	0.009	0.460	0.087	0.037		1
p/m-Xylene	0.366	0.040	0.018	1.59	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.136	0.020	0.008	0.579	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.144	0.020	0.009	0.625	0.087	0.038		1
1,3,5-Trimethylbenzene	0.021	0.020	0.010	0.103	0.098	0.047		1
1,2,4-Trimethylbenzene	0.081	0.020	0.008	0.398	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-02
Client ID: FS-202-9IA-BASE-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:50
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	95		60-140

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-03
Client ID: FS-202-IA-FIRST-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:55
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/02/25 00:38
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.451	0.200	0.050	2.23	0.989	0.247		1
Chloromethane	0.513	0.200	0.076	1.06	0.413	0.156		1
Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	81.0	5.00	1.35	153	9.42	2.54		1
Trichlorofluoromethane	0.194	0.050	0.009	1.09	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.142	0.500	0.110	0.493	1.74	0.382	J	1
Freon-113	0.060	0.050	0.008	0.460	0.383	0.064		1
trans-1,2-Dichloroethene	0.011	0.020	0.009	0.044	0.079	0.036	J	1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.547	0.500	0.132	1.61	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.153	0.020	0.007	0.747	0.098	0.035		1
1,2-Dichloroethane	0.037	0.020	0.008	0.150	0.081	0.034		1
n-Hexane	0.150	0.200	0.047	0.529	0.705	0.166	J	1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.188	0.100	0.030	0.601	0.319	0.095		1
Carbon tetrachloride	0.081	0.020	0.011	0.510	0.126	0.069		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-03
Client ID: FS-202-IA-FIRST-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:55
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.161	0.200	0.031	0.554	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.073	0.200	0.037	0.341	0.934	0.173	J	1
Heptane	0.152	0.200	0.031	0.623	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.562	0.100	0.017	2.12	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.038	0.020	0.007	0.258	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.087	0.020	0.009	0.378	0.087	0.037		1
p/m-Xylene	0.283	0.040	0.018	1.23	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.190	0.020	0.008	0.809	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.122	0.020	0.009	0.530	0.087	0.038		1
1,3,5-Trimethylbenzene	0.021	0.020	0.010	0.103	0.098	0.047		1
1,2,4-Trimethylbenzene	0.089	0.020	0.008	0.438	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-03
Client ID: FS-202-IA-FIRST-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:55
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	0.062	0.020	0.008	0.373	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.034	0.050	0.021	0.178	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	112		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	102		60-140

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-04
Client ID: FS-202-SS-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:45
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/02/25 07:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.436	0.200	0.050	2.16	0.989	0.247		1
Chloromethane	0.152	0.200	0.076	0.314	0.413	0.156	J	1
Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	444	5.00	1.35	837	9.42	2.54	E	1
Trichlorofluoromethane	0.217	0.050	0.009	1.22	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	0.067	0.050	0.008	0.514	0.383	0.064		1
trans-1,2-Dichloroethene	0.015	0.020	0.009	0.060	0.079	0.036	J	1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	1.30	0.500	0.132	3.83	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	13.6	0.020	0.007	66.4	0.098	0.035		1
1,2-Dichloroethane	0.034	0.020	0.008	0.138	0.081	0.034		1
n-Hexane	0.141	0.200	0.047	0.497	0.705	0.166	J	1
1,1,1-Trichloroethane	0.028	0.020	0.006	0.153	0.109	0.032		1
Benzene	0.189	0.100	0.030	0.604	0.319	0.095		1
Carbon tetrachloride	0.079	0.020	0.011	0.497	0.126	0.069		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-04
Client ID: FS-202-SS-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:45
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.099	0.200	0.031	0.341	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	0.539	0.020	0.007	3.61	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.060	0.200	0.037	0.280	0.934	0.173	J	1
Heptane	0.179	0.200	0.031	0.734	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.419	0.100	0.017	1.58	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.064	0.020	0.007	0.434	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.102	0.020	0.009	0.443	0.087	0.037		1
p/m-Xylene	0.370	0.040	0.018	1.61	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.041	0.020	0.008	0.175	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.192	0.020	0.009	0.834	0.087	0.038		1
1,3,5-Trimethylbenzene	0.044	0.020	0.010	0.216	0.098	0.047		1
1,2,4-Trimethylbenzene	0.195	0.020	0.008	0.959	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	0.746	0.020	0.008	4.49	0.120	0.046		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-04
Client ID: FS-202-SS-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:45
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	0.548	0.020	0.008	3.29	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.044	0.050	0.021	0.231	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	101		60-140

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-04 D
Client ID: FS-202-SS-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 14:45
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/05/25 04:18
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Ethanol	606	25.0	6.75	1140	47.1	12.7		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	82		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	94		60-140

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-05
Client ID: FS-202-OA-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 15:00
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/02/25 01:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.447	0.200	0.050	2.21	0.989	0.247		1
Chloromethane	0.494	0.200	0.076	1.02	0.413	0.156		1
Freon-114	0.016	0.050	0.006	0.112	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	5.51	5.00	1.35	10.4	9.42	2.54		1
Trichlorofluoromethane	0.192	0.050	0.009	1.08	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.130	0.500	0.110	0.452	1.74	0.382	J	1
Freon-113	0.059	0.050	0.008	0.452	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.381	0.500	0.132	1.12	1.47	0.389	J	1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	0.023	0.020	0.007	0.112	0.098	0.035		1
1,2-Dichloroethane	0.015	0.020	0.008	0.061	0.081	0.034	J	1
n-Hexane	0.127	0.200	0.047	0.448	0.705	0.166	J	1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.177	0.100	0.030	0.565	0.319	0.095		1
Carbon tetrachloride	0.071	0.020	0.011	0.447	0.126	0.069		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A
Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-05
Client ID: FS-202-OA-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 15:00
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.164	0.200	0.031	0.565	0.688	0.108	J	1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.070	0.200	0.037	0.327	0.934	0.173	J	1
Heptane	0.097	0.200	0.031	0.398	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.199	0.100	0.017	0.750	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.015	0.020	0.007	0.102	0.136	0.050	J	1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.029	0.020	0.009	0.126	0.087	0.037		1
p/m-Xylene	0.081	0.040	0.018	0.352	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.035	0.020	0.009	0.152	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	0.036	0.020	0.008	0.177	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1

Project Name: FORMER STERLING TRANSFORMER
Project Number: CO 152076/S C224203A

Lab Number: L2508608
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2508608-05
Client ID: FS-202-OA-021025
Sample Location: 510 DRIGGS AVENUE, BROOKLYN, KINGS

Date Collected: 02/11/25 15:00
Date Received: 02/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	106		60-140