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Lancaster, PA – Sarasota, FL

May 12, 2025

Mr. Jahan Reza
NYSDEC Region 1
50 Circle Road
Stony Brook, NY 11790

RE: 2024/2025 Soil Vapor Intrusion Sampling Report
Oceanside Plaza
3131-3221 Long Beach Road, Oceanside, Nassau County, New York
NYSDEC Site Number: C130158

Dear Mr. Reza:

Indoor air and sub-slab vapor sampling for the 2024/2025 heating season was conducted on December 11, 2024, in accordance with the New York State Department of Environmental Conservation (NYSDEC) December 3, 2024 Soil Vapor Intrusion Work Plan. Laboratory analytical results and a petition for a reduction in the Engineering Control Monitoring Plan sampling program, as outlined in the Site Management Plan (November 2013), is provided below.

Soil Vapor Intrusion Sampling

Reliance Environmental, Inc. (REI) supervised the collection of indoor air and sub-slab vapor samples from Retail Space 13 (IA-MRE / VS-MRE), Retail Space 12 (IA-Wine / VS-Vac) and the exterior Ambient locations (Figure 1, Attachment A). Samples were collected following the procedures outlined below:

- The sub-slab depressurization system (SSDS) was temporarily shutdown on October 1, 2024.
 - The SSDS was re-started on February 3, 2025.
- Indoor air samples and ambient summa cans were placed in the breathing zone, 3-5 feet, collected concurrently over an eight-hour time period.
- Sub-slab vapor samples were collected over an eight-hour time period at a purge rate not exceeding 100 ml/minute. A vapor shroud and tracer gas (helium) was used to verify seal of the vapor point; shut in testing was performed to ensure all fittings in sample train were tight and did not leak. The sample train was then purged of a minimum of three volumes using a Gillian low flow pump set at a purge rate of 100 ml/minute.
 - Soil gas samples were collected over an eight-hour time period at a purge rate not exceeding 100 ml/minute.
- All samples were appropriately collected and prepared for transportation to Alpha Laboratories with the associated Chain of Custody documentation and analyzed for Vinyl Chloride, 1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, Trichloroethene (TCE), and Tetrachloroethene (PCE) using USEPA Method TO-15.
 - Vinyl Chloride, 1,1-Dichloroethene, Trans-1,2-Dichloroethene and cis-1,2-Dichloroethene were reported as non-detect in each indoor air and sub-slab vapor sample
 - TCE and PCE analytical results were assessed using the New York State Department of Health (NYSDOH) Decision Matrix A through C to determine if mitigation or monitoring is required.
 - Historical data tables (Attachment B) and the laboratory analytical data report (Attachment C) are included as attachments to this letter.

TCE Evaluation using the NYSDOH Soil Vapor/Indoor Air Matrix A			
Date	Indoor Air Concentration (mcg/m ³)	Sub-Slab Vapor Concentration (mcg/m ³)	Recommendation
Retail Space 12 (IA-Wine 100 / VS-Vac)	0.607	1.86	2. No Further Action
Retail Space 13 (IA-MRE / VS-MRE)	<0.107	7.15	4. No Further Action

2. Indoor concentration is 0.2 to <1 mcg/m³ and sub-slab vapor concentration is less than 6 mcg/m³.
4. Indoor concentration is less than 0.2 mcg/m³ and sub-slab vapor concentration is 6 to <60 mcg/m³.

PCE Evaluation using the NYSDOH Soil Vapor/Indoor Air Matrix B			
Sample Location	Indoor Air Concentration (mcg/m ³)	Sub-Slab Vapor Concentration (mcg/m ³)	Recommendation
Retail Space 12 (IA-Wine 100 / VS-Vac)	0.319	69.8	1. No Further Action
Retail Space 13 (IA-MRE / VS-MRE)	4.69	471	5. Monitor

1. Indoor concentration is less than 3 mcg/m³ and sub-slab vapor concentration is less than 100 mcg/m³.
5. Indoor concentration is 3 to <10 mcg/m³ and sub-slab vapor concentration is 100 to <1000 mcg/m³.

Sampling Reduction Petition

On behalf of Oceanside Plaza Associates, LLC, REI is hereby petitioning the NYSDEC for a reduction in the Engineering Control Monitoring Plan sampling program, as outlined in the Site Management Plan (November 2013). Based upon the summary provided below, the sample points provide no probative value in determining the efficiency/effectiveness of the Engineering Control (SSDS). Specifically, a “No Further Action” recommendation has been determined for PCE and TCE in Retail Space 12 (IA-Wine / VS-Vac) over the last eight sampling events (April 2018 through December 2024).

Therefore, it is requested these sample points be discontinued from future sampling events. As such, sample point IA-MRE / VS-MRE in Retail Space 13 and the exterior Ambient locations will be the only sample points included in future sampling events.

Retail Space 12 – Vino 100

- Indoor Air Sample Point IA-Wine 100
- Sub-Slab Vapor Sample Point VS-Vac

TCE Evaluation using the NYSDOH Soil Vapor/Indoor Air Matrix A			
Date	Indoor Air Concentration (mcg/m ³)	Sub-Slab Vapor Concentration (mcg/m ³)	Recommendation
4/27/2018	<0.107	1.39	1. No Further Action
12/04/2018	<0.107	4.03	1. No Further Action
3/09/2020	<0.107	24.7	4. No Further Action
3/11/2022	<0.280	0.688	2. No Further Action
11/29/2022	<0.107	0.220	1. No Further Action
1/11/2023	<0.293	0.564	2. No Further Action
1/18/2024	<0.295	1.37	2. No Further Action
12/11/2024	0.607	1.86	2. No Further Action

1. Indoor concentration is less than 0.2 mcg/m³ and sub-slab vapor concentration is less than 6 mcg/m³.
2. Indoor concentration is 0.2 to <1 mcg/m³ and sub-slab vapor concentration is less than 6 mcg/m³.
4. Indoor concentration is less than 0.2 mcg/m³ and sub-slab vapor concentration is 6 to <60 mcg/m³.

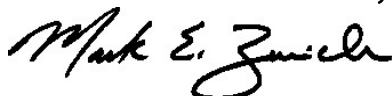
PCE Evaluation using the NYSDOH Soil Vapor/Indoor Air Matrix B			
Date	Indoor Air Concentration (mcg/m ³)	Sub-Slab Vapor Concentration (mcg/m ³)	Recommendation
4/27/2018	0.366	228	4. No Further Action
12/04/2018	0.441	1,260	7. Mitigate
3/09/2020	0.502	4,980	7. Mitigate
3/11/2022	1.32	25.6	1. No Further Action
11/29/2022	0.698	3.09	1. No Further Action
1/11/2023	0.389	19.4	1. No Further Action
1/18/2024	0.441	33.1	1. No Further Action
12/11/2024	0.319	69.8	1. No Further Action

1. Indoor concentration is less than 3 mcg/m³ and sub-slab vapor concentration is less than 100 mcg/m³.
4. Indoor concentration is less than 3 mcg/m³ and sub-slab vapor concentration is 100 to <1000 mcg/m³.
7. Indoor concentration is less than 3 mcg/m³ and sub-slab vapor concentration is 1000 and above.

If you have any questions and/or comments regarding this submission, please feel free to contact me at (717) 735-9508.

Sincerely,

RELIANCE ENVIRONMENTAL, INC.

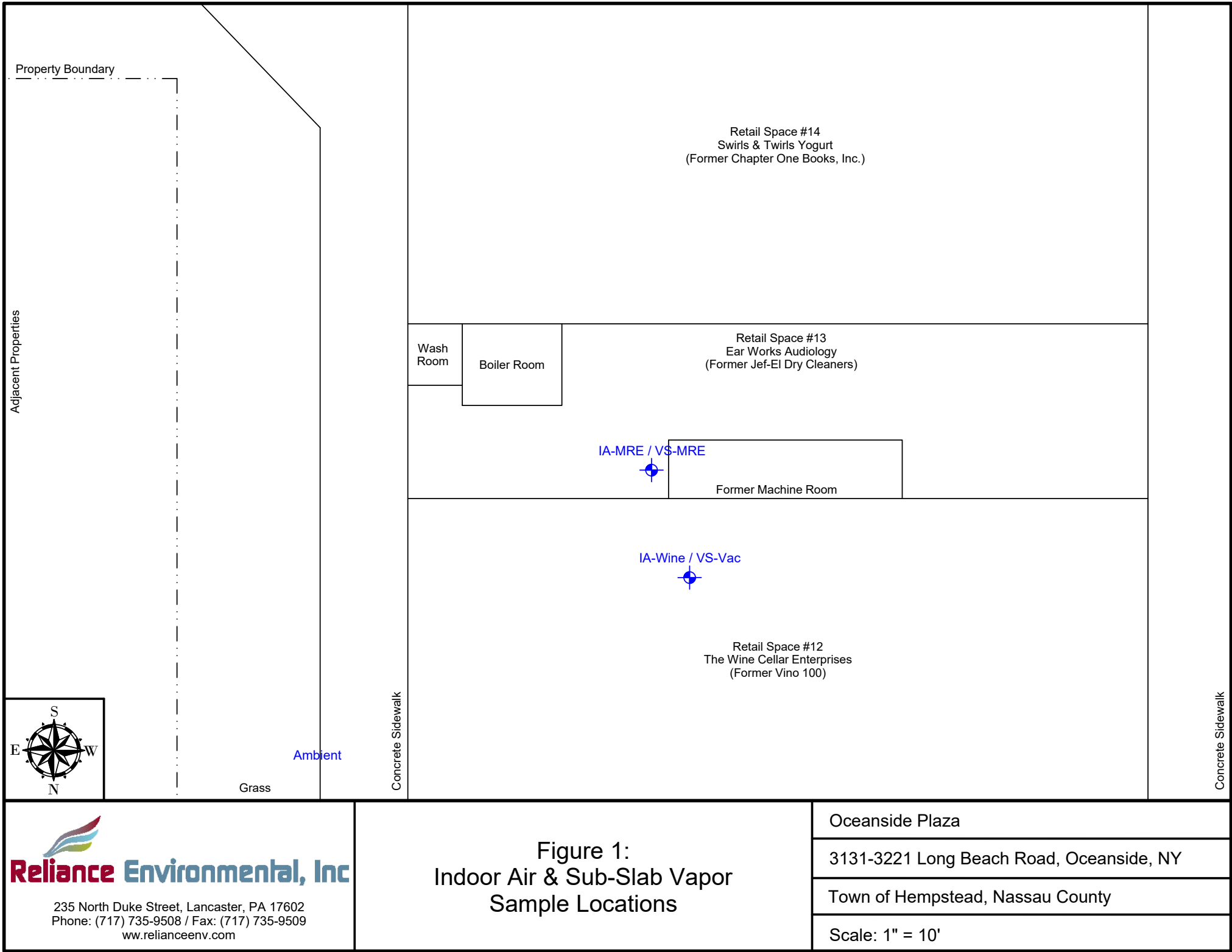


Mark E. Zurich, P.G.
Sr. Project Manager



- Attachments
- A Figures
 - B Historical Data Tables
 - C Laboratory Analytical Data Report

ATTACHMENT A
FIGURES



ATTACHMENT B
HISTORICAL DATA TABLES

TABLE 1 Indoor Air Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
Air Guideline Value ^a		DNE	DNE	30	DNE	2	DNE
Chapter One Books, Inc. (Retail Space 14)	12/6/2007	0.63U	0.63U	88	0.63U	5.9	0.41U
	9/2/2009	2U	2U	500	2U	2.7U	1.3U
	10/28/2009	0.63U	0.63U	11	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	2.3	0.79U	0.21U	0.51U
	3/1/2012	0.79U	0.79U	32	0.79U	0.21U	0.51U
	12/18/2012	0.79U	0.79U	8.1	0.79U	0.33	0.51U
	3/20/2014	0.079U	0.079U	2.62	0.099	0.134	0.051U
	3/25/2015	0.079U	0.079U	39.8	0.167	0.231	0.051U
	9/21/2015	0.079U	0.079U	9.9	0.079U	0.296	0.051U
	2/22/2018	0.079U	0.079U	0.366	0.079U	0.107U	0.051U
	4/27/2018	0.079U	0.079U	0.163	0.079U	0.107U	0.051U
	12/4/2018	0.079U	0.079U	0.651	0.079U	0.107U	0.051U
	3/9/2020	0.079U	0.079U	0.536	0.147	0.107U	0.051U
	3/11/2022	0.180U	0.180U	0.570	0.180U	0.245U	0.116U
	11/29/2022	0.079U	0.079U	0.637	0.079U	0.107U	0.051U
	1/11/2023	0.079U	0.079U	0.556	0.079U	0.107U	0.051U
	1/18/2024	0.225U	0.236U	0.461	0.299U	0.295U	0.149U
Vino 100 (Retail Space 12)	12/6/2007	0.63U	0.63U	2.6	0.63U	0.86U	0.41U
	9/2/2009	4U	4U	880	4U	5.4U	2.6U
	10/28/2009	0.63U	0.63U	7.5	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	5.2	0.79U	0.21U	0.51U
	3/1/2012	0.79U	0.79U	28	0.79U	0.21U	0.51U
	12/18/2012	0.79U	0.79U	13	0.79U	0.21U	0.51U
	3/20/2014	0.079U	0.079U	3.4	0.079U	0.107U	0.051U
	3/25/2015	0.079U	0.079U	3.31	0.079U	0.107U	0.051U
	9/21/2015	0.079U	0.079U	16.7	0.079U	0.107U	0.051U
	2/22/2018	0.079U	0.079U	0.475	0.079U	0.107U	0.051U
	4/27/2018	0.079U	0.079U	0.366	0.079U	0.107U	0.051U
	12/4/2018	0.079U	0.079U	0.441	0.079U	0.107U	0.051U
	3/9/2020	0.079U	0.079U	0.502	0.127	0.107U	0.051U
	3/11/2022	0.207U	0.207U	1.32	0.207U	0.28U	0.133U
	11/29/2022	0.079U	0.079U	0.698	0.079U	0.107U	0.051U
	1/11/2023	0.216U	0.216U	0.389	0.216U	0.293U	0.14U
	1/18/2024	0.225U	0.236U	0.441	0.299U	0.295U	0.149U
	12/11/2024	0.079U	0.079U	0.319	0.793U	0.607	0.051U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

^aNYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (Indoor Air Quality Only).

BOLD = Concentration is greater than the Air Guideline Value.

TABLE 1 Indoor Air Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
Air Guideline Value ^a		DNE	DNE	30	DNE	2	DNE
Jef-EI Dry Cleaners (DCF) (Retail Space 13)	9/21/2015	0.079U	0.079U	60.5	0.079U	0.242	0.051U
	2/22/2018	0.079U	0.079U	0.21	0.079U	0.107U	0.051U
	4/27/2018	0.079U	0.079U	0.136U	0.079U	0.107U	0.051U
	12/4/2018	0.079U	0.079U	1.07	0.079U	0.107U	0.051U
	3/9/2020	0.079U	0.079U	3.31	0.194	0.107U	0.051U
	3/11/2022	0.116U	0.116U	2.41	0.116U	0.157U	0.051U
	11/29/2022	0.079U	0.079U	4.26	0.079U	0.107U	0.051U
	1/11/2023	0.079U	0.079U	8.68	0.079U	0.107U	0.051U
	1/18/2024	0.225U	0.236U	0.671	0.299U	0.295U	0.149U
Jef-EI Dry Cleaners (DCR) (Retail Space 13)	9/21/2015	0.079U	0.079U	117	0.079U	0.403	0.051U
	2/22/2018	0.079U	0.079U	0.224	0.079U	0.107U	0.051U
	4/27/2018	0.079U	0.079U	0.136	0.079U	0.107U	0.051U
	12/4/2018	0.079U	0.079U	0.99	0.079U	0.107U	0.051U
	3/9/2020	0.079U	0.079U	3.04	0.210	0.107U	0.051U
	3/11/2022	0.079U	0.079U	2.58	0.079U	0.161	0.051U
	11/29/2022	0.079U	0.079U	2.71	0.079U	0.107U	0.051U
	1/11/2023	0.079U	0.079U	5.84	0.079U	0.107U	0.051U
	1/18/2024	0.225U	0.236U	0.536	0.299U	0.295U	0.149U
Jef-EI Dry Cleaners (MRE) (Retail Space 13)	12/11/2024	0.079U	0.079U	4.69	0.793U	0.107U	0.051U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

^aNYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (Indoor Air Quality Only).

BOLD = Concentration is greater than the Air Guideline Value.

TABLE 2 Sub-Slab Vapor Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
Chapter One Books, Inc. (Retail Space 14)	12/6/2007	48U	48U	8,100	48U	64U	31U
	10/28/2009	0.63U	0.63U	2.5	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	467	0.79U	7	0.51U
	3/1/2012	3.2U	3.2U	232	3.2U	1.2	2U
	12/18/2012	3.2U	3.2U	131	3.2U	0.86U	2U
	3/20/2014	0.793U	0.793U	187	0.793U	1.07U	0.511U
	3/25/2015	0.793U	0.793U	4.92	0.793U	1.07U	0.511U
	9/21/2015	0.159U	0.159U	363	0.159U	1.76	0.102U
	2/22/2018	0.793U	0.793U	5.62	0.793U	1.07U	0.511U
	4/27/2018	0.079U	0.079U	6.2	0.079U	0.118	0.051U
	12/4/2018	0.159U	0.159U	827	0.159U	1.31	0.102U
	3/9/2020	0.079U	0.079U	685	0.079U	1.45	0.051U
	3/11/2022	0.079U	0.369	1.37	0.095	0.183	0.051U
	11/29/2022	0.099U	0.099U	1.86	0.099U	0.502	0.064U
	1/11/2023	0.079U	0.079U	46.1	0.079U	0.124	0.051U
	1/18/2024	0.225U	0.236U	16.7	0.299U	6.4	0.149U
Vino 100 (Retail Space 12)	12/6/2007	120U	120U	18,000	120U	160U	77U
	10/28/2009	0.63U	0.63U	2.4	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	4,180	0.79U	78.5	0.51U
	3/1/2012	44U	44U	21,100	44U	97.8	28U
	12/18/2012	13U	13U	9,830	13U	36U	8.2U
	3/20/2014	3.96U	3.96U	2,070	3.96U	11.8	2.56U
	3/25/2015	0.793U	0.793U	66.3	0.793U	1.07U	0.511U
	9/21/2015	0.396U	0.396U	1,660	0.396U	10.5	0.256U
	2/22/2018	0.793U	0.793U	438	0.793U	2.79	0.511U
	4/27/2018	0.079U	0.079U	228	0.079U	1.39	0.051U
	12/4/2018	0.396U	0.396U	1,260	0.396U	4.03	0.256U
	3/9/2020	1.39U	1.39U	4,980	1.39U	24.7	0.895U
	3/11/2022	0.079U	0.079U	25.6	0.079U	0.688	0.051U
	11/29/2022	0.079U	0.079U	3.09	0.079U	0.220	0.051U
	1/11/2023	0.079U	0.079U	19.4	0.079U	0.564	0.051U
	1/18/2024	0.225U	0.236U	33.1	0.299U	1.37	0.149U
	12/11/2024	0.793U	0.793U	69.8	0.793U	1.86	0.511U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

TABLE 2 Sub-Slab Vapor Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
Jef-EI Dry Cleaners (DCF) (Retail Space 13)	12/6/2007	1.2U	1.2U	350	1.2U	2.5	0.77U
	10/28/2009	0.63U	0.63U	2.2	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	150	0.79U	2.6	0.51U
	3/1/2012	3.2U	3.2U	766	3.2U	3.7	2U
	12/18/2012	3.2U	3.2U	11	3.2U	0.86U	2U
	3/20/2014	0.793U	0.793U	4.62	0.793U	1.07U	0.511U
	3/25/2015	0.793U	0.793U	21.9	0.793U	1.07U	0.511U
	9/21/2015	0.079U	0.079U	78	0.079 U	0.43	0.072
	2/22/2018	0.793U	0.793U	1.36U	0.793U	1.07U	0.511U
	4/27/2018	0.079U	0.079U	1.76	0.079U	0.683	0.051U
	12/4/2018	0.079U	0.079U	26.7	0.079U	0.124	0.051U
	3/9/2020	0.079U	0.079U	30.2	0.079U	0.134	0.051U
	3/11/2022	0.109U	0.109U	0.557	0.109U	0.147U	0.070U
	11/29/2022	0.079U	0.079U	2.36	0.079U	0.107U	0.051U
	1/11/2023	0.079U	0.079U	6.04	0.079U	0.107U	0.051U
	1/18/2024	0.225U	0.236U	3.31	0.299U	0.957	0.149U
Jef-EI Dry Cleaners (DCR) (Retail Space 13)	12/6/2007	320U	320U	81,000	320U	430U	200U
	10/28/2009	0.63U	0.63U	2.9	0.63U	0.86U	0.41U
	1/13/2012	0.79U	0.79U	3,480	0.79U	21	0.51U
	3/1/2012	3.2U	3.2U	1,990	3.2U	2.2	2U
	12/18/2012	3.2U	3.2U	164	3.2U	0.86U	2U
	3/20/2014	0.793U	0.793U	148	0.793U	1.07U	0.511U
	3/25/2015	0.793U	0.793U	8.88	0.793U	1.07U	0.511U
	9/21/2015	0.396U	0.396U	1,520	0.396U	5.59	0.256U
	2/22/2018	0.793U	0.793U	8.48	0.793U	1.07U	0.511U
	4/27/2018	0.079U	0.079U	6.4	0.079U	0.93	0.051U
	12/4/2018	0.079U	0.079U	195	0.079U	0.478	0.051U
	3/9/2020	0.117U	0.117U	821	0.117U	2.61	0.075U
	3/11/2022	0.079U	0.079U	0.909	0.079U	0.107	0.051U
	11/29/2022	0.079U	0.079U	29.3	0.079U	0.226	0.051U
	1/11/2023	0.079U	0.079U	99.7	0.079U	0.258	0.051U
	1/18/2024	0.225U	0.236U	8.54	0.299U	1.26	0.149U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

TABLE 2 Sub-Slab Vapor Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
Jef-EI Dry Cleaners (MRE) (Retail Space 13)	12/6/2007	280U	280U	50,000	280U	380	180U
	9/4/2009	3.2U	3.2U	37	3.2U	51	2U
	10/28/2009	0.63U	0.63U	2.5	0.63U	15	0.41U
	1/13/2012	0.79U	0.79U	1,080	0.79U	56.4	0.51U
	3/1/2012	3.2U	3.2U	902	3.2U	3.5	2U
	12/18/2012	3.2U	3.2U	205	3.2U	0.86U	2U
	3/20/2014	1.98U	1.98U	963	1.98U	9.14	1.28U
	3/25/2015	0.793U	0.793U	23.2	0.793U	1.07U	0.511U
	9/21/2015	0.793U	0.793U	2,820	0.793U	15.2	0.511U
	2/22/2018	0.793U	0.793U	54.6	0.793U	1.07	0.511U
	4/27/2018	0.079U	0.079U	67.1	0.079U	1.41	0.051U
	12/4/2018	0.396U	0.396U	1,210	0.396U	9.78	0.256U
	3/9/2020	0.283U	0.283U	2,370	0.283U	16.2	0.183U
	3/11/2022	0.079U	0.079U	9.43	0.079U	0.441	0.051U
	11/29/2022	0.079U	0.079U	125	0.079U	1.66	0.051U
	1/11/2023	0.793U	0.793U	1,380	0.793U	6.02	0.511U
Jef-EI Dry Cleaners (Fence) (Retail Space 13)	1/18/2024	0.225U	0.236U	432	0.299U	7.15	0.149U
	12/11/2024	0.793U	0.793U	471	0.793U	7.15	0.511U
	12/6/2007	1.2U	1.2U	240	1.2U	1.6U	0.77U
	1/13/2012	0.79U	0.79U	46	0.79U	0.39	0.51U
	3/1/2012	3.2U	3.2U	224	3.2U	0.86U	2U
	12/18/2012	3.2U	3.2U	1.1U	3.2U	0.86U	2U
	3/20/2014	0.793U	0.793U	1.36U	0.793U	1.07U	0.511U
	3/25/2015	0.793U	0.793U	10.7	0.793U	1.07U	0.511U
	9/21/2015	0.079U	0.079U	102	0.079U	0.113	0.102
	2/22/2018	0.793U	0.793U	3.99	0.793U	1.07U	0.511U
	4/27/2018	0.079U	0.079U	0.136	0.079U	0.994	0.051U
	12/4/2018	0.722U	0.722U	1060J	0.722U	0.978U	0.465U
	3/9/2020	0.079U	0.079U	94.9	0.079U	0.107U	0.051U
	3/11/2022	0.137U	0.150	2.03	0.137U	0.185U	0.088U
	11/29/2022	0.079U	0.079U	11.7	0.079U	0.258	0.051U
	1/11/2023	0.095U	0.095U	10.3	0.095U	0.129U	0.061U
	1/18/2024	0.225U	0.236U	0.425U	0.299U	0.295U	0.149U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

TABLE 2 Ambient Air Sampling Laboratory Analytical Data Oceanside Plaza (NYSDEC Site Number: C130158) 3131-3221 Long Beach Road, Town of Hempstead, Nassau County, New York							
Sample Location	Sample Date	1,1- Dichloroethene	cis-1,2- Dichloroethene	Tetrachloroethene	trans-1,2- Dichloroethene	Trichloroethene	Vinyl Chloride
AMB	12/6/2007	0.63U	0.63U	1.1U	0.63U	0.86U	0.41U
	9/2/2009	0.63U	0.63U	1.1U	0.63U	0.86U	0.41U
	6/14/2010	0.63U	0.63U	13	0.63U	1.40	0.41U
	1/13/2012	0.79U	0.79U	0.6	0.79U	0.21U	0.51U
	3/1/2012	0.79U	0.79U	0.57	0.79U	0.21U	0.51U
	12/18/2012	0.79U	0.79U	1.2	0.79U	0.21U	0.51U
	9/21/2015	0.079U	0.079U	0.197	0.07 U	0.107U	0.051U
	2/22/2018	0.079U	0.079	0.19	0.079U	0.107U	0.051U
	4/27/2018	0.079U	0.079U	0.136U	0.079U	0.107U	0.051U
	12/4/2018	0.079U	0.07U	0.176	0.079U	0.107U	0.051U
	3/9/2020	0.079U	0.07U	0.38	0.127	0.107U	0.051U
	3/11/2022	0.079U	0.07U	0.475	0.079U	0.156	0.051U
	11/29/2022	0.079U	0.07U	0.325	0.079U	0.107U	0.051U
	1/11/2023	0.079U	0.07U	0.136U	0.079U	0.107U	0.051U
	1/18/2024	0.22 U	0.23U	0.461	0.299U	0.295U	0.149U
	12/11/2024	0.079 U	0.079U	0.142	0.793U	0.107U	0.051U

All concentrations are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

ATTACHMENT C
LABORATORY ANALYTICAL DATA REPORT



ANALYTICAL REPORT

Lab Number:	L2473283
Client:	Reliance Environmental, Inc. 235 North Duke Street Lancaster, PA 17602
ATTN:	Mark Zunich
Phone:	(717) 735-9508
Project Name:	OCEANSIDE PLAZA
Project Number:	Not Specified
Report Date:	01/06/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NH ELAP (2249).

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com



Project Name: OCEANSIDE PLAZA
Project Number: Not Specified

Lab Number: L2473283
Report Date: 01/06/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2473283-01	AMBIENT	AIR	3131 LONG BEACH RD NY	12/11/24 15:55	12/12/24
L2473283-02	VS-VAC	SOIL_VAPOR	3131 LONG BEACH RD NY	12/11/24 16:20	12/12/24
L2473283-03	IA-WINE	AIR	3131 LONG BEACH RD NY	12/11/24 15:35	12/12/24
L2473283-04	VS-MRE	SOIL_VAPOR	3131 LONG BEACH RD NY	12/11/24 17:02	12/12/24
L2473283-05	IA-MRE	AIR	3131 LONG BEACH RD NY	12/11/24 17:00	12/12/24

Project Name: OCEANSIDE PLAZA
Project Number: Not Specified

Lab Number: L2473283
Report Date: 01/06/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: OCEANSIDE PLAZA
Project Number: Not Specified

Lab Number: L2473283
Report Date: 01/06/25

Case Narrative (continued)

Report Revision

January 6, 2025 the report has been amended to report only site specific compounds at the request of the client.

Volatile Organics in Air

Canisters were released from the laboratory on December 6, 2024. The canister certification data is provided as an addendum.

L2473283-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2473283-03: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2473283-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2473283-05: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 01/06/25

AIR

Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-01
 Client ID: AMBIENT
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 15:55
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 01/01/25 18:19

Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-01
 Client ID: AMBIENT
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 15:55
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/01/25 18:19
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.021	0.020	--	0.142	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	92		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-02
 Client ID: VS-VAC
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 16:20
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 01/02/25 01:55
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Trichloroethene	0.346	0.200	--	1.86	1.07	--		1
Tetrachloroethene	10.3	0.200	--	69.8	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-03

Date Collected: 12/11/24 15:35

Client ID: IA-WINE

Date Received: 12/12/24

Sample Location: 3131 LONG BEACH RD NY

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 01/01/25 18:57

Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-03
 Client ID: IA-WINE
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 15:35
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/01/25 18:57
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Trichloroethene	0.113	0.020	--	0.607	0.107	--		1
Tetrachloroethene	0.047	0.020	--	0.319	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-04
 Client ID: VS-MRE
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 17:02
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 01/02/25 02:33
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Trichloroethene	1.33	0.200	--	7.15	1.07	--		1
Tetrachloroethene	69.5	0.200	--	471	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-05
 Client ID: IA-MRE
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 17:00
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15

Analytical Date: 01/01/25 20:13

Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**SAMPLE RESULTS**

Lab ID: L2473283-05
 Client ID: IA-MRE
 Sample Location: 3131 LONG BEACH RD NY

Date Collected: 12/11/24 17:00
 Date Received: 12/12/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/01/25 20:13
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.691	0.020	--	4.69	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 01/01/25 14:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG2015433-4								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/01/25 14:42

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01,03,05 Batch: WG2015434-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: OCEANSIDE PLAZA

Project Number: Not Specified

Lab Number: L2473283

Report Date: 01/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG2015433-3								
Vinyl chloride	114		-		70-130	-		
1,1-Dichloroethene	124		-		70-130	-		
trans-1,2-Dichloroethene	121		-		70-130	-		
cis-1,2-Dichloroethene	122		-		70-130	-		
Trichloroethene	95		-		70-130	-		
Tetrachloroethene	89		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OCEANSIDE PLAZA

Project Number: Not Specified

Lab Number: L2473283

Report Date: 01/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG2015434-3								
Vinyl chloride	96		-		70-130	-		25
1,1-Dichloroethene	108		-		70-130	-		25
cis-1,2-Dichloroethene	107		-		70-130	-		25
Trichloroethene	85		-		70-130	-		25
Tetrachloroethene	79		-		70-130	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEANSIDE PLAZA

Project Number: Not Specified

Lab Number: L2473283

Report Date: 01/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2015433-5 QC Sample: L2473283-03 Client ID: IA-WINE						
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG2015434-5 QC Sample: L2473283-03 Client ID: IA-WINE						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Trichloroethene	0.113	0.116	ppbV	3		25
Tetrachloroethene	0.047	0.047	ppbV	0		25

Project Name: OCEANSIDE PLAZA

Serial_No:01062514:32
Lab Number: L2473283

Project Number:

Report Date: 01/06/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2473283-01	AMBIENT	0382	Flow 5	12/06/24	495573		-	-	-	Pass	4.5	0.3	175
L2473283-01	AMBIENT	2250	2.7L Can	12/06/24	495573	L2470755-01	Pass	-29.1	-11.1	-	-	-	-
L2473283-02	VS-VAC	0433	Flow 5	12/06/24	495573		-	-	-	Pass	4.5	5.1	13
L2473283-02	VS-VAC	2041	2.7L Can	12/06/24	495573	L2470755-02	Pass	-29.1	-5.7	-	-	-	-
L2473283-03	IA-WINE	0482	Flow 5	12/06/24	495573		-	-	-	Pass	4.5	5.1	13
L2473283-03	IA-WINE	2224	2.7L Can	12/06/24	495573	L2470755-01	Pass	-29.1	-4.5	-	-	-	-
L2473283-04	VS-MRE	01380	Flow 5	12/06/24	495573		-	-	-	Pass	4.5	5.0	11
L2473283-04	VS-MRE	2233	2.7L Can	12/06/24	495573	L2470755-02	Pass	-29.1	-4.5	-	-	-	-
L2473283-05	IA-MRE	0079	Flow 5	12/06/24	495573		-	-	-	Pass	4.5	5.0	11
L2473283-05	IA-MRE	211	2.7L Can	12/06/24	495573	L2470755-01	Pass	-29.1	-7.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 12/04/24 17:36
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2470755**Project Number:** CANISTER QC BAT**Report Date:** 01/06/25**Air Canister Certification Results**

Lab ID: L2470755-01

Date Collected: 12/03/24 16:00

Client ID: CAN 398 SHELF 13

Date Received: 12/04/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Unknown	1.2	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	86		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 12/04/24 17:36
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-01
Client ID: CAN 398 SHELF 13
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	87		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/04/24 18:15
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2470755**Project Number:** CANISTER QC BAT**Report Date:** 01/06/25**Air Canister Certification Results**

Lab ID: L2470755-02

Date Collected: 12/03/24 16:00

Client ID: CAN 478 SHELF 14

Date Received: 12/04/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	86		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 12/04/24 18:15
Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2470755
Report Date: 01/06/25

Air Canister Certification Results

Lab ID: L2470755-02
Client ID: CAN 478 SHELF 14
Sample Location:

Date Collected: 12/03/24 16:00
Date Received: 12/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2470755**Project Number:** CANISTER QC BAT**Report Date:** 01/06/25**Air Canister Certification Results**

Lab ID: L2470755-02

Date Collected: 12/03/24 16:00

Client ID: CAN 478 SHELF 14

Date Received: 12/04/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	87		60-140



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2473283-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2473283-02A	Canister - 1L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2473283-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2473283-04A	Canister - 1L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2473283-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name: OCEANSIDE PLAZA
Project Number: Not Specified

Lab Number: L2473283
Report Date: 01/06/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25**Data Qualifiers**

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: OCEANSIDE PLAZA**Lab Number:** L2473283**Project Number:** Not Specified**Report Date:** 01/06/25

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **23**Published Date: **12/09/2024**Page **1** of **1****Certification Information**

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1



CHAIN OF CUSTODY

Project Information

Project Name: *Oceanside Plaza*Project Location: *3131 Long Beach Rd NY*

Project #:

Project Manager: *Mark Zurich*

ALPHA Quote #:

Turn-Around-Time

☐ Standard ☐ Rush (only confirmed if pre-approved)

Date Due: Time:

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: *Reliance Environmental*Address: *235 Duce St.
Lancaster PA 17602*Phone: *717-875-5675*

Fax:

Email:

☐ These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments:

☐ Project-Specific Target Compound List

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection					Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	TO-15	TO-15 SIM	APH Subtract non-petroleum HCs	FIXED GASES	Sulfides & Mercaptans by TO-15			Sample Specific Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vac	Final Vac													
<i>73283-01</i>	<i>Ambient</i>	<i>12/11/24</i>	<i>655</i>	<i>1555</i>	<i>-30.13</i>	<i>-10.91</i>	<i>AA</i>	<i>ZM</i>	<i>2.7</i>	<i>2250</i>	<i>0362</i>	☒	☐	☐	☐	☐	☐	☐	
<i>-02</i>	<i>VS-VAC</i>	<i>12/11/24</i>	<i>813</i>	<i>1620</i>	<i>-29.72</i>	<i>-4.29</i>	<i>SV</i>	<i>ZM</i>	<i>2.7</i>	<i>2041</i>	<i>0433</i>	☒	☐	☐	☐	☐	☐	☐	
<i>-03</i>	<i>IA-WINE</i>	<i>12/11/24</i>	<i>815</i>	<i>1535</i>	<i>-30.08</i>	<i>-5.26</i>	<i>AA</i>	<i>ZM</i>	<i>2.7</i>	<i>2224</i>	<i>0482</i>	☒	☐	☐	☐	☐	☐	☐	
<i>-04</i>	<i>VS-MRE</i>	<i>12/11/24</i>	<i>844</i>	<i>1702</i>	<i>-29.98</i>	<i>-2.96</i>	<i>SV</i>	<i>ZM</i>	<i>2.7</i>	<i>2233</i>	<i>01380</i>	☒	☐	☐	☐	☐	☐	☐	
<i>-05</i>	<i>IA-MRE</i>	<i>12/11/24</i>	<i>845</i>	<i>1700</i>	<i>-29.57</i>	<i>-5.96</i>	<i>AA</i>	<i>ZM</i>	<i>2.7</i>	<i>211</i>	<i>0079</i>	☒	☐	☐	☐	☐	☐	☐	
<i>-</i>												☐	☐	☐	☐	☐	☐	☐	

*SAMPLE MATRIX CODES:

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Form 101-92 (I) Rev. 25-Sept-15

Container Type

Relinquished By	Date/Time	Received By:	Date/Time
<i>Joe M...</i>	<i>12/12/24</i>	<i>Anthony Green</i>	<i>12/12/24 10:00</i>
<i>Anthony Green</i>	<i>12/12/24</i>	<i>Anthony Green</i>	<i>12/12/24</i>
<i>Anthony Green</i>	<i>12/13/24</i>	<i>Anthony Green</i>	<i>12/13/24</i>

Please print clearly & legibly and completely. Samples cannot be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Rec'd *Alvin Haywood*
*12/13/24 06:20**REL City Rep 12/12*
Anthony Green 12/13/24 0135
*12/13/24 0620**Anthony Green*
DEC 12 2024 1500
12/13/24 0155