



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2502044 **Amended:** 02/07/2025

Revision: 1

Report Created for: BAAQMD

375 Beale Street Suite 600
San Francisco, CA 94105

Project Contact: McKenzie Rivera

Project P.O.: 42701

Project: MPC 020125

Project Location:

Project Received: 02/03/2025

Analytical Report reviewed & approved for release on 02/07/2025 by:

Jennifer Lagerbom

Project Manager

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Revision History

Client: BAAQMD
Project: MPC 020125

WorkOrder: 2502044

<u>Date</u>	<u>Revision</u>	<u>Reason</u>
02/06/2025	1	revised to correct lab typo; change the matrix and report the original TO15 from 1000mL injections, revise the LG results from the re-runs from the pressurized canisters



Glossary of Terms & Qualifier Definitions

Client: BAAQMD

WorkOrder: 2502044

Project: MPC 020125

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: BAAQMD

WorkOrder: 2502044

Project: MPC 020125

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Quality Control Qualifiers

F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Case Narrative

Client: BAAQMD
Project: MPC 020125

Work Order: 2502044
February 05, 2025

TO-15 ANALYSIS

McC Campbell Analytical Inc. is currently not accredited for TO15, ASTM D 1946m and TO17.

Client supplied Canisters are not cleaned by MAI. MAI will arrange to return canisters to the client 5 business days after the data is reported unless otherwise arranged.



Summary of Sample Pressure Report

Lab ID	Canister ID	Lab Prep Vacuum (psia)	Field Initial Vacuum (inHg)	Field Final Vacuum (inHg)	Lab Received Vacuum (psia)	Lab Received Vacuum (inHg)	Lab Final Vacuum / Pressure (psia)
2502044-001A		0	-30	0	14.6	-0.20	14.6
2502044-002A		0	-30	0	14.31	-0.79	14.31
2502044-003A		0	-30	0	14.17	-1.08	14.17



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/06/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90m
Unit: µL/L

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
L2-Waterfront Rd	2502044-001A	Indoor Air	02/01/2025 17:15	GC51 2025-02-06 15-3	310779

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.60	14.60	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetylene	ND	1.6	1.55	02/06/2025 15:34
Butane	ND	1.6	1.55	02/06/2025 15:34
Ethane	ND	1.6	1.55	02/06/2025 15:34
Ethylene	ND	1.6	1.55	02/06/2025 15:34
Hexane	ND	1.6	1.55	02/06/2025 15:34
Methane	2.3	1.6	1.55	02/06/2025 15:34
Pentane	ND	1.6	1.55	02/06/2025 15:34
Propane	ND	1.6	1.55	02/06/2025 15:34

Waterfront Rd	2502044-002A	Indoor Air	02/02/2025 10:55	GC51 2025-02-06 16-1	310779
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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.31	14.31	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetylene	ND	1.7	1.66	02/06/2025 16:13
Butane	ND	1.7	1.66	02/06/2025 16:13
Ethane	ND	1.7	1.66	02/06/2025 16:13
Ethylene	ND	1.7	1.66	02/06/2025 16:13
Hexane	ND	1.7	1.66	02/06/2025 16:13
Methane	3.6	1.7	1.66	02/06/2025 16:13
Pentane	ND	1.7	1.66	02/06/2025 16:13
Propane	ND	1.7	1.66	02/06/2025 16:13



Analytical Report

Client: BAAQMD	WorkOrder: 2502044
Date Received: 02/03/2025 13:54	Extraction Method: ASTM D 1946-90
Date Prepared: 02/06/2025	Analytical Method: ASTM D 1946-90m
Project: MPC 020125	Unit: µL/L

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
680 Off Ramp	2502044-003A	Indoor Air	02/01/2025 16:52	GC51 2025-02-06 16-5	310779

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.17	14.17	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetylene	ND	1.8	1.84	02/06/2025 16:52
Butane	ND	1.8	1.84	02/06/2025 16:52
Ethane	ND	1.8	1.84	02/06/2025 16:52
Ethylene	ND	1.8	1.84	02/06/2025 16:52
Hexane	ND	1.8	1.84	02/06/2025 16:52
Methane	5.3	1.8	1.84	02/06/2025 16:52
Pentane	ND	1.8	1.84	02/06/2025 16:52
Propane	ND	1.8	1.84	02/06/2025 16:52



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
L2-Waterfront Rd	2502044-001A	Indoor Air	02/01/2025 17:15	GC24 02042511.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.60	14.60	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	12	1.2	1	02/05/2025 01:01
Acrolein	ND	0.12	1	02/05/2025 01:01
Acrylonitrile	ND	0.11	1	02/05/2025 01:01
tert-Amyl methyl ether (TAME)	ND	0.21	1	02/05/2025 01:01
Benzene	14	0.16	1	02/05/2025 01:01
Benzyl chloride	ND	0.27	1	02/05/2025 01:01
Bromoform	ND	0.53	1	02/05/2025 01:01
Bromomethane	0.49	0.19	1	02/05/2025 01:01
1,3-Butadiene	ND	0.11	1	02/05/2025 01:01
2-Butanone (MEK)	10	1.5	1	02/05/2025 01:01
t-Butyl alcohol (TBA)	ND	1.5	1	02/05/2025 01:01
Carbon Disulfide	ND	1.6	1	02/05/2025 01:01
Carbon Tetrachloride	0.35	0.0060	1	02/05/2025 01:01
Chlorobenzene	ND	0.24	1	02/05/2025 01:01
Chloroethane	0.45	0.14	1	02/05/2025 01:01
Chloroform	ND	0.012	1	02/05/2025 01:01
Chloromethane	ND	0.11	1	02/05/2025 01:01
Cyclohexane	ND	1.8	1	02/05/2025 01:01
Dibromochloromethane	ND	0.44	1	02/05/2025 01:01
1,2-Dibromo-3-chloropropane	ND	0.010	1	02/05/2025 01:01
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/05/2025 01:01
1,2-Dichlorobenzene	ND	0.31	1	02/05/2025 01:01
1,3-Dichlorobenzene	ND	0.31	1	02/05/2025 01:01
1,4-Dichlorobenzene	0.031	0.015	1	02/05/2025 01:01
Dichlorodifluoromethane	2.1	0.25	1	02/05/2025 01:01
1,1-Dichloroethane	ND	0.21	1	02/05/2025 01:01
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/05/2025 01:01
1,1-Dichloroethene	ND	0.20	1	02/05/2025 01:01
cis-1,2-Dichloroethene	ND	0.20	1	02/05/2025 01:01
trans-1,2-Dichloroethene	ND	0.20	1	02/05/2025 01:01
1,2-Dichloropropane	0.16	0.0050	1	02/05/2025 01:01
cis-1,3-Dichloropropene	ND	0.046	1	02/05/2025 01:01
trans-1,3-Dichloropropene	ND	0.046	1	02/05/2025 01:01
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.36	1	02/05/2025 01:01

(Cont.)



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
L2-Waterfront Rd	2502044-001A	Indoor Air	02/01/2025 17:15	GC24 02042511.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.60	14.60	JEM

Analytes	Result	RL	DF	Date Analyzed
Diisopropyl ether (DIPE)	ND	0.21	1	02/05/2025 01:01
1,4-Dioxane	ND	0.0090	1	02/05/2025 01:01
Ethyl acetate	ND	0.19	1	02/05/2025 01:01
Ethyl tert-butyl ether (ETBE)	ND	0.21	1	02/05/2025 01:01
Ethylbenzene	1.4	0.22	1	02/05/2025 01:01
4-Ethyltoluene	0.59	0.25	1	02/05/2025 01:01
Freon 113	0.50	0.39	1	02/05/2025 01:01
Heptane	2.6	2.1	1	02/05/2025 01:01
Hexachlorobutadiene	ND	0.11	1	02/05/2025 01:01
Hexachloroethane	ND	0.49	1	02/05/2025 01:01
Hexane	3.8	1.8	1	02/05/2025 01:01
2-Hexanone	2.3	0.63	1	02/05/2025 01:01
4-Methyl-2-pentanone (MIBK)	0.47	0.21	1	02/05/2025 01:01
Methyl-t-butyl ether (MTBE)	ND	0.19	1	02/05/2025 01:01
Methylene chloride	ND	0.88	1	02/05/2025 01:01
Methyl methacrylate	ND	0.21	1	02/05/2025 01:01
Naphthalene	7.9	0.050	1	02/05/2025 01:01
Styrene	2.2	0.22	1	02/05/2025 01:01
1,1,1,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 01:01
1,1,2,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 01:01
Tetrachloroethene	0.21	0.069	1	02/05/2025 01:01
Tetrahydrofuran	ND	0.15	1	02/05/2025 01:01
Toluene	7.5	0.19	1	02/05/2025 01:01
1,2,4-Trichlorobenzene	ND	0.38	1	02/05/2025 01:01
1,1,1-Trichloroethane	ND	0.28	1	02/05/2025 01:01
1,1,2-Trichloroethane	ND	0.0060	1	02/05/2025 01:01
Trichloroethene	0.18	0.055	1	02/05/2025 01:01
1,2,3-Trichloropropane	ND	0.31	1	02/05/2025 01:01
Trichlorofluoromethane	1.1	0.29	1	02/05/2025 01:01
1,2,4-Trimethylbenzene	2.3	0.25	1	02/05/2025 01:01
1,3,5-Trimethylbenzene	0.81	0.25	1	02/05/2025 01:01
Vinyl Acetate	ND	1.8	1	02/05/2025 01:01
Vinyl Chloride	0.028	0.0070	1	02/05/2025 01:01
m,p-Xylene	3.9	0.44	1	02/05/2025 01:01

(Cont.)



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
L2-Waterfront Rd	2502044-001A	Indoor Air	02/01/2025 17:15	GC24 02042511.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.60	14.60	JEM

Analytes	Result	RL	DF	Date Analyzed
o-Xylene	1.7	0.22	1	02/05/2025 01:01
Xylenes, Total	5.6	0.22	1	02/05/2025 01:01

Surrogates	REC (%)	Limits	Date Analyzed
1,2-DCA-d4	101	70-130	02/05/2025 01:01
Toluene-d8	102	70-130	02/05/2025 01:01
4-BFB	108	70-130	02/05/2025 01:01



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Waterfront Rd	2502044-002A	Indoor Air	02/02/2025 10:55	GC24 02042512.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.31	14.31	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	26	1.2	1	02/05/2025 01:57
Acrolein	ND	0.12	1	02/05/2025 01:57
Acrylonitrile	ND	0.11	1	02/05/2025 01:57
tert-Amyl methyl ether (TAME)	ND	0.21	1	02/05/2025 01:57
Benzene	1.3	0.16	1	02/05/2025 01:57
Benzyl chloride	ND	0.27	1	02/05/2025 01:57
Bromoform	ND	0.53	1	02/05/2025 01:57
Bromomethane	0.55	0.19	1	02/05/2025 01:57
1,3-Butadiene	ND	0.11	1	02/05/2025 01:57
2-Butanone (MEK)	20	1.5	1	02/05/2025 01:57
t-Butyl alcohol (TBA)	ND	1.5	1	02/05/2025 01:57
Carbon Disulfide	ND	1.6	1	02/05/2025 01:57
Carbon Tetrachloride	0.40	0.0060	1	02/05/2025 01:57
Chlorobenzene	ND	0.24	1	02/05/2025 01:57
Chloroethane	1.2	0.14	1	02/05/2025 01:57
Chloroform	ND	0.012	1	02/05/2025 01:57
Chloromethane	ND	0.11	1	02/05/2025 01:57
Cyclohexane	2.1	1.8	1	02/05/2025 01:57
Dibromochloromethane	ND	0.44	1	02/05/2025 01:57
1,2-Dibromo-3-chloropropane	ND	0.010	1	02/05/2025 01:57
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/05/2025 01:57
1,2-Dichlorobenzene	ND	0.31	1	02/05/2025 01:57
1,3-Dichlorobenzene	ND	0.31	1	02/05/2025 01:57
1,4-Dichlorobenzene	0.020	0.015	1	02/05/2025 01:57
Dichlorodifluoromethane	2.2	0.25	1	02/05/2025 01:57
1,1-Dichloroethane	ND	0.21	1	02/05/2025 01:57
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/05/2025 01:57
1,1-Dichloroethene	ND	0.20	1	02/05/2025 01:57
cis-1,2-Dichloroethene	ND	0.20	1	02/05/2025 01:57
trans-1,2-Dichloroethene	ND	0.20	1	02/05/2025 01:57
1,2-Dichloropropane	ND	0.0050	1	02/05/2025 01:57
cis-1,3-Dichloropropene	ND	0.046	1	02/05/2025 01:57
trans-1,3-Dichloropropene	ND	0.046	1	02/05/2025 01:57
1,2-Dichloro-1,1,1,2,2-tetrafluoroethane	ND	0.36	1	02/05/2025 01:57

(Cont.)



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Waterfront Rd	2502044-002A	Indoor Air	02/02/2025 10:55	GC24 02042512.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.31	14.31	JEM

Analytes	Result	RL	DF	Date Analyzed
Diisopropyl ether (DIPE)	ND	0.21	1	02/05/2025 01:57
1,4-Dioxane	ND	0.0090	1	02/05/2025 01:57
Ethyl acetate	ND	0.19	1	02/05/2025 01:57
Ethyl tert-butyl ether (ETBE)	ND	0.21	1	02/05/2025 01:57
Ethylbenzene	1.7	0.22	1	02/05/2025 01:57
4-Ethyltoluene	2.3	0.25	1	02/05/2025 01:57
Freon 113	0.52	0.39	1	02/05/2025 01:57
Heptane	4.9	2.1	1	02/05/2025 01:57
Hexachlorobutadiene	ND	0.11	1	02/05/2025 01:57
Hexachloroethane	ND	0.49	1	02/05/2025 01:57
Hexane	4.0	1.8	1	02/05/2025 01:57
2-Hexanone	7.0	0.63	1	02/05/2025 01:57
4-Methyl-2-pentanone (MIBK)	1.0	0.21	1	02/05/2025 01:57
Methyl-t-butyl ether (MTBE)	ND	0.19	1	02/05/2025 01:57
Methylene chloride	ND	0.88	1	02/05/2025 01:57
Methyl methacrylate	ND	0.21	1	02/05/2025 01:57
Naphthalene	4.9	0.050	1	02/05/2025 01:57
Styrene	ND	0.22	1	02/05/2025 01:57
1,1,1,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 01:57
1,1,2,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 01:57
Tetrachloroethene	0.11	0.069	1	02/05/2025 01:57
Tetrahydrofuran	ND	0.15	1	02/05/2025 01:57
Toluene	3.5	0.19	1	02/05/2025 01:57
1,2,4-Trichlorobenzene	ND	0.38	1	02/05/2025 01:57
1,1,1-Trichloroethane	ND	0.28	1	02/05/2025 01:57
1,1,2-Trichloroethane	ND	0.0060	1	02/05/2025 01:57
Trichloroethene	ND	0.055	1	02/05/2025 01:57
1,2,3-Trichloropropane	ND	0.31	1	02/05/2025 01:57
Trichlorofluoromethane	1.1	0.29	1	02/05/2025 01:57
1,2,4-Trimethylbenzene	11	0.25	1	02/05/2025 01:57
1,3,5-Trimethylbenzene	2.7	0.25	1	02/05/2025 01:57
Vinyl Acetate	ND	1.8	1	02/05/2025 01:57
Vinyl Chloride	0.030	0.0070	1	02/05/2025 01:57
m,p-Xylene	7.2	0.44	1	02/05/2025 01:57

(Cont.)



Analytical Report

Client: BAAQMD	WorkOrder: 2502044
Date Received: 02/03/2025 13:54	Extraction Method: TO15
Date Prepared: 02/05/2025	Analytical Method: TO15
Project: MPC 020125	Unit: µg/m ³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Waterfront Rd	2502044-002A	Indoor Air	02/02/2025 10:55	GC24 02042512.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.31	14.31	JEM

Analytes	Result	RL	DF	Date Analyzed
o-Xylene	3.4	0.22	1	02/05/2025 01:57
Xylenes, Total	11	0.22	1	02/05/2025 01:57

Surrogates	REC (%)	Limits	Date Analyzed
1,2-DCA-d4	101	70-130	02/05/2025 01:57
Toluene-d8	101	70-130	02/05/2025 01:57
4-BFB	109	70-130	02/05/2025 01:57



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
680 Off Ramp	2502044-003A	Indoor Air	02/01/2025 16:52	GC24 02042513.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.17	14.17	JEM

Analytes	Result	RL	DF	Date Analyzed
Acetone	11	1.2	1	02/05/2025 02:53
Acrolein	ND	0.12	1	02/05/2025 02:53
Acrylonitrile	ND	0.11	1	02/05/2025 02:53
tert-Amyl methyl ether (TAME)	ND	0.21	1	02/05/2025 02:53
Benzene	3.3	0.16	1	02/05/2025 02:53
Benzyl chloride	ND	0.27	1	02/05/2025 02:53
Bromoform	ND	0.53	1	02/05/2025 02:53
Bromomethane	0.41	0.19	1	02/05/2025 02:53
1,3-Butadiene	ND	0.11	1	02/05/2025 02:53
2-Butanone (MEK)	13	1.5	1	02/05/2025 02:53
t-Butyl alcohol (TBA)	ND	1.5	1	02/05/2025 02:53
Carbon Disulfide	ND	1.6	1	02/05/2025 02:53
Carbon Tetrachloride	0.39	0.0060	1	02/05/2025 02:53
Chlorobenzene	ND	0.24	1	02/05/2025 02:53
Chloroethane	ND	0.14	1	02/05/2025 02:53
Chloroform	ND	0.012	1	02/05/2025 02:53
Chloromethane	ND	0.11	1	02/05/2025 02:53
Cyclohexane	3.0	1.8	1	02/05/2025 02:53
Dibromochloromethane	ND	0.44	1	02/05/2025 02:53
1,2-Dibromo-3-chloropropane	ND	0.010	1	02/05/2025 02:53
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/05/2025 02:53
1,2-Dichlorobenzene	ND	0.31	1	02/05/2025 02:53
1,3-Dichlorobenzene	ND	0.31	1	02/05/2025 02:53
1,4-Dichlorobenzene	ND	0.015	1	02/05/2025 02:53
Dichlorodifluoromethane	2.3	0.25	1	02/05/2025 02:53
1,1-Dichloroethane	ND	0.21	1	02/05/2025 02:53
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/05/2025 02:53
1,1-Dichloroethene	ND	0.20	1	02/05/2025 02:53
cis-1,2-Dichloroethene	ND	0.20	1	02/05/2025 02:53
trans-1,2-Dichloroethene	ND	0.20	1	02/05/2025 02:53
1,2-Dichloropropane	0.062	0.0050	1	02/05/2025 02:53
cis-1,3-Dichloropropene	ND	0.046	1	02/05/2025 02:53
trans-1,3-Dichloropropene	ND	0.046	1	02/05/2025 02:53
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.36	1	02/05/2025 02:53

(Cont.)



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
680 Off Ramp	2502044-003A	Indoor Air	02/01/2025 16:52	GC24 02042513.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.17	14.17	JEM

Analytes	Result	RL	DF	Date Analyzed
Diisopropyl ether (DIPE)	ND	0.21	1	02/05/2025 02:53
1,4-Dioxane	ND	0.0090	1	02/05/2025 02:53
Ethyl acetate	ND	0.19	1	02/05/2025 02:53
Ethyl tert-butyl ether (ETBE)	ND	0.21	1	02/05/2025 02:53
Ethylbenzene	0.91	0.22	1	02/05/2025 02:53
4-Ethyltoluene	0.59	0.25	1	02/05/2025 02:53
Freon 113	0.54	0.39	1	02/05/2025 02:53
Heptane	3.6	2.1	1	02/05/2025 02:53
Hexachlorobutadiene	ND	0.11	1	02/05/2025 02:53
Hexachloroethane	ND	0.49	1	02/05/2025 02:53
Hexane	6.8	1.8	1	02/05/2025 02:53
2-Hexanone	2.3	0.63	1	02/05/2025 02:53
4-Methyl-2-pentanone (MIBK)	0.40	0.21	1	02/05/2025 02:53
Methyl-t-butyl ether (MTBE)	ND	0.19	1	02/05/2025 02:53
Methylene chloride	ND	0.88	1	02/05/2025 02:53
Methyl methacrylate	ND	0.21	1	02/05/2025 02:53
Naphthalene	4.0	0.050	1	02/05/2025 02:53
Styrene	ND	0.22	1	02/05/2025 02:53
1,1,1,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 02:53
1,1,2,2-Tetrachloroethane	ND	0.0070	1	02/05/2025 02:53
Tetrachloroethene	0.48	0.069	1	02/05/2025 02:53
Tetrahydrofuran	ND	0.15	1	02/05/2025 02:53
Toluene	3.2	0.19	1	02/05/2025 02:53
1,2,4-Trichlorobenzene	ND	0.38	1	02/05/2025 02:53
1,1,1-Trichloroethane	ND	0.28	1	02/05/2025 02:53
1,1,2-Trichloroethane	ND	0.0060	1	02/05/2025 02:53
Trichloroethene	0.15	0.055	1	02/05/2025 02:53
1,2,3-Trichloropropane	ND	0.31	1	02/05/2025 02:53
Trichlorofluoromethane	1.0	0.29	1	02/05/2025 02:53
1,2,4-Trimethylbenzene	1.9	0.25	1	02/05/2025 02:53
1,3,5-Trimethylbenzene	0.52	0.25	1	02/05/2025 02:53
Vinyl Acetate	ND	1.8	1	02/05/2025 02:53
Vinyl Chloride	0.026	0.0070	1	02/05/2025 02:53
m,p-Xylene	2.9	0.44	1	02/05/2025 02:53

(Cont.)



Analytical Report

Client: BAAQMD
Date Received: 02/03/2025 13:54
Date Prepared: 02/05/2025
Project: MPC 020125

WorkOrder: 2502044
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
680 Off Ramp	2502044-003A	Indoor Air	02/01/2025 16:52	GC24 02042513.D	310896

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
14.17	14.17	JEM

Analytes	Result	RL	DF	Date Analyzed
o-Xylene	1.4	0.22	1	02/05/2025 02:53
Xylenes, Total	4.3	0.22	1	02/05/2025 02:53

Surrogates	REC (%)	Limits	Date Analyzed
1,2-DCA-d4	101	70-130	02/05/2025 02:53
Toluene-d8	101	70-130	02/05/2025 02:53
4-BFB	105	70-130	02/05/2025 02:53



Quality Control Report

Client: BAAQMD
Date Prepared: 02/04/2025
Date Analyzed: 02/04/2025
Instrument: GC51
Matrix: SoilGas
Project: MPC 020125

WorkOrder: 2502044
BatchID: 310779
Extraction Method: ASTM D 1946-90
Analytical Method: ASTM D 1946-90m
Unit: µL/L
Sample ID: MB/LCS/LCSD-310779

QC Summary Report for ASTM D1946-90m

Analyte	MB Result	MDL	RL			
Acetylene	ND	0.067	2.0	-	-	-
Butane	ND	2.0	2.0	-	-	-
Ethane	ND	0.89	2.0	-	-	-
Ethylene	ND	0.13	2.0	-	-	-
Hexane	ND	2.0	2.0	-	-	-
Methane	ND	0.31	2.0	-	-	-
Pentane	ND	2.0	2.0	-	-	-
Propane	ND	2.0	2.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetylene	180	180	200	89	89	70-130	0.171	20
Butane	190	190	200	94	94	70-130	0.280	20
Ethane	180	180	200	89	89	70-130	0.243	20
Ethylene	170	170	200	86	86	70-130	0.248	20
Hexane	150	150	200	77	76	70-130	1.02	20
Methane	180	180	200	88	88	70-130	0.224	20
Pentane	190	190	200	97	96	70-130	0.709	20
Propane	180	180	200	89	90	70-130	0.729	20



Quality Control Report

Client: BAAQMD
Date Prepared: 02/04/2025
Date Analyzed: 02/04/2025
Instrument: GC24
Matrix: Indoor Air
Project: MPC 020125

WorkOrder: 2502044
BatchID: 310896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-310896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acetone	ND	0.54	1.2	-	-	-
Acrolein	ND	0.041	0.12	-	-	-
Acrylonitrile	ND	0.079	0.11	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.14	0.21	-	-	-
Benzene	ND	0.049	0.16	-	-	-
Benzyl chloride	ND	0.22	0.27	-	-	-
Bromoform	ND	0.12	0.53	-	-	-
Bromomethane	ND	0.039	0.19	-	-	-
1,3-Butadiene	ND	0.089	0.11	-	-	-
2-Butanone (MEK)	ND	0.13	1.5	-	-	-
t-Butyl alcohol (TBA)	ND	0.099	1.5	-	-	-
Carbon Disulfide	ND	0.15	1.6	-	-	-
Carbon Tetrachloride	ND	0.0024	0.0060	-	-	-
Chlorobenzene	ND	0.031	0.24	-	-	-
Chloroethane	ND	0.034	0.14	-	-	-
Chloroform	ND	0.0045	0.012	-	-	-
Chloromethane	ND	0.029	0.11	-	-	-
Cyclohexane	ND	0.082	1.8	-	-	-
Dibromochloromethane	ND	0.14	0.44	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.0075	0.010	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0020	0.0040	-	-	-
1,2-Dichlorobenzene	ND	0.12	0.31	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.31	-	-	-
1,4-Dichlorobenzene	ND	0.014	0.015	-	-	-
Dichlorodifluoromethane	ND	0.043	0.25	-	-	-
1,1-Dichloroethane	ND	0.033	0.21	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0029	0.0040	-	-	-
1,1-Dichloroethene	ND	0.041	0.20	-	-	-
cis-1,2-Dichloroethene	ND	0.039	0.20	-	-	-
trans-1,2-Dichloroethene	ND	0.033	0.20	-	-	-
1,2-Dichloropropane	ND	0.00083	0.0050	-	-	-
cis-1,3-Dichloropropene	ND	0.0091	0.046	-	-	-
trans-1,3-Dichloropropene	ND	0.0099	0.046	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.11	0.36	-	-	-
Diisopropyl ether (DIPE)	ND	0.041	0.21	-	-	-
1,4-Dioxane	ND	0.0088	0.0090	-	-	-
Ethyl acetate	ND	0.071	0.19	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.070	0.21	-	-	-

(Cont.)



Quality Control Report

Client: BAAQMD
Date Prepared: 02/04/2025
Date Analyzed: 02/04/2025
Instrument: GC24
Matrix: Indoor Air
Project: MPC 020125

WorkOrder: 2502044
BatchID: 310896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-310896

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Ethylbenzene	ND	0.033	0.22	-	-	-
4-Ethyltoluene	ND	0.073	0.25	-	-	-
Freon 113	ND	0.074	0.39	-	-	-
Heptane	ND	0.23	2.1	-	-	-
Hexachlorobutadiene	ND	0.037	0.11	-	-	-
Hexachloroethane	ND	0.16	0.49	-	-	-
Hexane	ND	0.16	1.8	-	-	-
2-Hexanone	ND	0.29	0.63	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.10	0.21	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.035	0.19	-	-	-
Methylene chloride	0.25,J	0.17	0.88	-	-	-
Methyl methacrylate	ND	0.090	0.21	-	-	-
Naphthalene	ND	0.038	0.050	-	-	-
Styrene	ND	0.085	0.22	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0031	0.0070	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.0022	0.0070	-	-	-
Tetrachloroethene	ND	0.016	0.069	-	-	-
Tetrahydrofuran	ND	0.085	0.15	-	-	-
Toluene	ND	0.10	0.19	-	-	-
1,2,4-Trichlorobenzene	ND	0.33	0.38	-	-	-
1,1,1-Trichloroethane	ND	0.033	0.28	-	-	-
1,1,2-Trichloroethane	ND	0.0018	0.0060	-	-	-
Trichloroethene	ND	0.012	0.055	-	-	-
1,2,3-Trichloropropane	ND	0.031	0.31	-	-	-
Trichlorofluoromethane	ND	0.059	0.29	-	-	-
1,2,4-Trimethylbenzene	ND	0.058	0.25	-	-	-
1,3,5-Trimethylbenzene	ND	0.070	0.25	-	-	-
Vinyl Acetate	ND	0.24	1.8	-	-	-
Vinyl Chloride	ND	0.0041	0.0070	-	-	-
m,p-Xylene	ND	0.086	0.44	-	-	-
o-Xylene	ND	0.035	0.22	-	-	-

Surrogate Recovery

1,2-DCA-d4	110			100	106	70-130
Toluene-d8	100			100	104	70-130
4-BFB	94			100	94	70-130



Quality Control Report

Client: BAAQMD
Date Prepared: 02/04/2025
Date Analyzed: 02/04/2025
Instrument: GC24
Matrix: Indoor Air
Project: MPC 020125

WorkOrder: 2502044
BatchID: 310896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-310896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	1.2	1.2	1.2	98	102	60-140	4.10	30
Acrolein	1.0	1.2	1.16	90	105	60-140	16.3	30
Acrylonitrile	1.2	1.3	1.1	105	120	60-140	13.8	30
tert-Amyl methyl ether (TAME)	2.0	2.1	2.1	96	98	60-140	1.28	30
Benzene	1.6	1.6	1.6	98	98	60-140	0.0393	30
Benzyl chloride	2.4	2.6	2.65	90	98	60-140	8.30	30
Bromoform	5.3	5.3	5.25	101	102	60-140	0.947	30
Bromomethane	2.0	1.9	1.95	100	99	60-140	0.943	30
1,3-Butadiene	1.2	1.2	1.1	107	107	60-140	0.0805	30
2-Butanone (MEK)	1.4	1.6	1.5	97	104	60-140	7.05	30
t-Butyl alcohol (TBA)	1.5	1.6	1.55	99	101	60-140	1.52	30
Carbon Disulfide	1.9	1.9	1.6	116	119	60-140	2.03	30
Carbon Tetrachloride	3.2	3.2	3.2	100	100	60-140	0.0600	30
Chlorobenzene	2.4	2.4	2.35	101	102	60-140	1.54	30
Chloroethane	1.2	1.2	1.35	90	89	60-140	1.18	30
Chloroform	2.6	2.6	2.45	108	108	60-140	0.374	30
Chloromethane	1.0	1.0	1.05	97	97	60-140	0.386	30
Cyclohexane	1.8	1.8	1.75	105	103	60-140	1.94	30
Dibromochloromethane	4.4	4.4	4.35	100	101	60-140	0.304	30
1,2-Dibromo-3-chloropropane	3.9	4.2	4.9	80	86	60-140	6.15	30
1,2-Dibromoethane (EDB)	3.8	3.9	3.9	97	100	60-140	2.45	30
1,2-Dichlorobenzene	3.6	3.7	3.05	117	120	60-140	2.18	30
1,3-Dichlorobenzene	3.3	3.4	3.05	109	112	60-140	2.57	30
1,4-Dichlorobenzene	3.0	3.1	3.05	99	103	60-140	3.17	30
Dichlorodifluoromethane	2.6	2.6	2.5	102	102	60-140	0.0526	30
1,1-Dichloroethane	2.0	2.0	2.05	99	97	60-140	1.48	30
1,2-Dichloroethane (1,2-DCA)	1.8	1.9	2.05	90	91	60-140	1.02	30
1,1-Dichloroethene	2.0	1.9	2	98	95	60-140	3.11	30
cis-1,2-Dichloroethene	1.9	1.9	2	96	95	60-140	0.705	30
trans-1,2-Dichloroethene	1.9	1.9	2	94	95	60-140	0.941	30
1,2-Dichloropropane	2.2	2.2	2.35	93	93	60-140	0.319	30
cis-1,3-Dichloropropene	2.3	2.3	2.3	101	102	60-140	0.605	30
trans-1,3-Dichloropropene	2.1	2.2	2.3	92	95	60-140	2.99	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane	3.6	3.6	3.55	100	101	60-140	0.733	30
Diisopropyl ether (DIPE)	2.1	2.0	2.1	98	97	60-140	1.27	30
1,4-Dioxane	1.7	1.9	1.85	94	100	60-140	6.60	30
Ethyl acetate	1.8	1.9	1.85	96	104	60-140	8.34	30
Ethyl tert-butyl ether (ETBE)	2.2	2.2	2.1	104	103	60-140	0.876	30

(Cont.)



Quality Control Report

Client: BAAQMD
Date Prepared: 02/04/2025
Date Analyzed: 02/04/2025
Instrument: GC24
Matrix: Indoor Air
Project: MPC 020125

WorkOrder: 2502044
BatchID: 310896
Extraction Method: TO15
Analytical Method: TO15
Unit: µg/m³
Sample ID: MB/LCS/LCSD-310896

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethylbenzene	2.2	2.2	2.2	100	100	60-140	0.345	30
4-Ethyltoluene	2.9	2.9	2.5	116	118	60-140	1.57	30
Freon 113	4.2	4.1	3.9	107	105	60-140	1.73	30
Heptane	2.2	2.1	2.1	103	102	60-140	1.62	30
Hexachlorobutadiene	6.0	6.0	5.4	111	112	60-140	0.743	30
Hexachloroethane	4.5	4.5	4.92	92	91	60-140	0.950	25
Hexane	1.7	1.6	1.8	94	92	60-140	2.02	30
2-Hexanone	2.1	2.5	2.1	102	118	60-140	15.1	30
4-Methyl-2-pentanone (MIBK)	2.1	2.1	2.1	98	102	60-140	3.85	30
Methyl-t-butyl ether (MTBE)	1.8	1.8	1.85	96	96	60-140	0.215	30
Methylene chloride	1.6	1.6	1.75	89	90	60-140	1.29	30
Methyl methacrylate	2.0	2.0	2.08	96	96	60-140	0.0331	30
Naphthalene	3.9	4.0	2.65	146,F2	150,F2	60-140	2.77	30
Styrene	2.2	2.2	2.15	104	104	60-140	0.106	30
1,1,1,2-Tetrachloroethane	3.4	3.4	3.5	96	96	60-140	0.409	30
1,1,2,2-Tetrachloroethane	3.3	3.4	3.5	95	97	60-140	1.37	30
Tetrachloroethene	2.8	2.9	3.45	82	83	60-140	0.405	30
Tetrahydrofuran	1.5	1.6	1.5	100	104	60-140	4.32	30
Toluene	1.9	1.9	1.9	98	99	60-140	1.05	30
1,2,4-Trichlorobenzene	4.5	4.7	3.75	121	126	60-140	3.76	30
1,1,1-Trichloroethane	2.6	2.6	2.75	95	96	60-140	0.635	30
1,1,2-Trichloroethane	2.8	2.8	2.75	102	103	60-140	1.00	30
Trichloroethene	2.5	2.5	2.75	91	91	60-140	0.216	30
1,2,3-Trichloropropane	2.9	3.0	3.06	96	97	60-140	0.288	25
Trichlorofluoromethane	2.8	2.8	2.85	99	99	60-140	0.196	30
1,2,4-Trimethylbenzene	2.9	3.0	2.5	116	119	60-140	3.02	30
1,3,5-Trimethylbenzene	2.6	2.6	2.5	105	105	60-140	0.180	30
Vinyl Acetate	1.7	1.9	1.8	97	103	60-140	6.44	30
Vinyl Chloride	1.4	1.4	1.3	104	104	60-140	0.348	30
m,p-Xylene	4.0	3.9	4.4	90	90	60-140	0.325	30
o-Xylene	2.3	2.3	2.2	104	104	60-140	0.0468	30

Surrogate Recovery

1,2-DCA-d4	100	100	100	101	101	70-130	0.110	30
Toluene-d8	100	100	100	101	101	70-130	0.0329	30
4-BFB	110	100	100	106	104	70-130	1.08	30



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

WaterTrax CLIP EDF

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2502044 **ClientCode: BAAQ** **QuoteID: 252864**
 EQuIS Dry-Weight Email HardCopy ThirdParty J-flag
 Detection Summary Excel

Report to:
 McKenzie Rivera
 BAAQMD
 375 Beale Street Suite 600
 San Francisco, CA 94105
 (415) 793-6649 FAX: 415-749-5082

Email: mrivera@baaqmd.gov
 cc/3rd Party: jkearns@baaqmd.gov;
 PO: 42701
 Project: MPC 020125

Bill to:
 Accounts Payable
 BAAQMD
 375 Beale Street Suite 600
 San Francisco, CA 94105

Requested TAT: 2 days;

Date Received: **02/03/2025**
Date Logged: **02/03/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2502044-001	L2-Waterfront Rd	SoilGas	2/1/2025 17:15	<input type="checkbox"/>	A	A										
2502044-002	Waterfront Rd	SoilGas	2/2/2025 10:55	<input type="checkbox"/>	A	A										
2502044-003	680 Off Ramp	SoilGas	2/1/2025 16:52	<input type="checkbox"/>	A	A										

Test Legend:

1	LG_SUMMA_SOILGAS	2	TO15_Scan-SIM_SOIL(UG/M3)	3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: BAAQMD
Client Contact: McKenzie Rivera
Contact's Email: mrivera@baaqmd.gov

Project: MPC 020125

Work Order: 2502044
QC Level: LEVEL 2
Date Logged: 2/3/2025

Comments:

WaterTrax CLIP EDF Excel EQUIS Email HardCopy ThirdParty J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	L2-Waterfront Rd	SoilGas	TO15 (VOCs, Scan SIM) (µg/m³) ASTM D1946-90 m(CO,CO2, C1-C6) <Acetylene_4, Butane_4, Ethane_4, Ethylene_4, Hexane_4, Methane_4, Pentane_4, Propane_4>	1	6L Summa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2/1/2025 17:15	2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>
002A	Waterfront Rd	SoilGas	TO15 (VOCs, Scan SIM) (µg/m³) ASTM D1946-90 m(CO,CO2, C1-C6) <Acetylene_4, Butane_4, Ethane_4, Ethylene_4, Hexane_4, Methane_4, Pentane_4, Propane_4>	1	6L Summa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2/2/2025 10:55	2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>
003A	680 Off Ramp	SoilGas	TO15 (VOCs, Scan SIM) (µg/m³) ASTM D1946-90 m(CO,CO2, C1-C6) <Acetylene_4, Butane_4, Ethane_4, Ethylene_4, Hexane_4, Methane_4, Pentane_4, Propane_4>	1	6L Summa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2/1/2025 16:52	2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	2/5/2025		<input type="checkbox"/>	<input type="checkbox"/>

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



Sample Receipt Checklist

Client Name: BAAQMD
 Project: MPC 020125

Date and Time Received: 2/3/2025 13:54

Date Logged: 2/3/2025

Received by: Valerie Alfaro

Logged by: Valerie Alfaro

WorkOrder No: 2502044 Matrix: SoilGas
 Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Sample/Temp Blank temperature		Temp:	NA <input checked="" type="checkbox"/>
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ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
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Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
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pH acceptable upon receipt (Metal: <2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
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UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
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Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
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 Comments: