

Work Orders: 3C31011

Report Date: 5/02/2023

Project: City of Paramount

Received Date: 4/3/2023

Turnaround Time: Normal

Phones: (562) 275-4252

Fax: (562) 921-6101

Attn: Charlene King

P.O. #:

Client: Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Billing Code:

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Charlene King,

Enclosed are the results of analyses for samples received 4/03/23 with the Chain-of-Custody document. The samples were received in good condition, at 4.0 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Valerie I. Ayo
Project Manager



Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
Well 14 CA1910105_016_016, RegID: CA1910105_016_016	Allan Goldberg (wecklabs)	3C31011-01	Water	04/03/23 10:15	
Well 14 - Field Blank, RegID: CA1910105_016_016	Allan Goldberg (wecklabs)	3C31011-02	Water	04/03/23 00:00	
Well 15 Pre CA1910105_025_025, RegID: CA1910105_025_025	Allan Goldberg (wecklabs)	3C31011-03	Water	04/03/23 10:40	
Well 15 - Field Blank, RegID: CA1910105_025_025	Allan Goldberg (wecklabs)	3C31011-04	Water	04/03/23 00:00	
Well 15 Effluent CA1910105_027_027, RegID: CA1910105_027_027	Allan Goldberg (wecklabs)	3C31011-05	Water	04/03/23 10:50	
Well 15 Effluent - Field Blank, RegID: CA1910105_027_027	Allan Goldberg (wecklabs)	3C31011-06	Water	04/03/23 00:00	
Travel Blank	Allan Goldberg (wecklabs)	3C31011-07	Water	04/03/23 00:00	

Analyses Accreditation Summary

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
EPA 533 in Water			
PFBA	375-22-4	✓	
PFMPA	377-73-1	✓	
PFPeA	2706-90-3	✓	
PFBS	375-73-5	✓	
PFMBA	863090-89-5	✓	
PFEESA	113507-82-7	✓	
NFDHA	151772-58-6	✓	
4:2 FTS	757124-72-4	✓	
PFHxA	307-24-4	✓	
PFPeS	2706-91-4	✓	
HFPO-DA	13252-13-6	✓	
PFHpA	375-85-9	✓	
PFHxS	355-46-4	✓	
ADONA	919005-14-4	✓	
6:2 FTS	27619-97-2	✓	
PFOA	335-67-1	✓	
PFHpS	375-92-8	✓	
PFNA	375-95-1	✓	
PFOS	1763-23-1	✓	
9CI-PF3ONS	756426-58-1	✓	
8:2 FTS	39108-34-4	✓	
PFDA	335-76-2	✓	
PFUnA	2058-94-8	✓	
11CI-PF3OUdS	763051-92-9	✓	
PFDoA	307-55-1	✓	
13C4-PFBA		✓	
13C5-PFPeA		✓	
13C3-PFBS		✓	
13C2-4:2 FTS		✓	
13C5-PFHxA		✓	
HFPO-DA-13C3		✓	
13C4-PFHpA		✓	

Water Replenishment District
 4040 Paramount Blvd.
 Lakewood, CA 90712

Project Number: City of Paramount

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Reported:
 05/02/2023 09:18

Analyses Accreditation Summary

(Continued)

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
EPA 533 in Water (Continued)			
13C3-PFHxS		✓	
13C2-6:2 FTS		✓	
13C8-PFOA		✓	
13C9-PFNA		✓	
13C8-PFOS		✓	
13C2-8:2 FTS		✓	
13C6-PFDA		✓	
13C7-PFUnA		✓	
13C2-PFDoA		✓	
SRL 524M-TCP in Water			
1,2,3-Trichloropropane	96-18-4	✓	

Water Replenishment District
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Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

Sample: Well 14 CA1910105_016_016, RegID: CA1910105_016_016
3C31011-01 (Water)

Sampled: 04/03/23 10:15 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
1,4-Dioxane by SPE/GCMS SIM, EPA Method 522						
Method: EPA 522		Instr: GCMS20				
Batch ID: W3D0187	Preparation: EPA 522/SPE	Prepared: 04/04/23 10:54		Analyst: mld		
1,4-Dioxane	2.5	0.070	ug/l	1	04/05/23	
<i>Surrogate(s)</i>						
1,4-Dioxane-d8	113% Conc: 11.3	70-130			04/05/23	
Metals by EPA 200 Series Methods						
Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3D0501	Preparation: EPA 200.2	Prepared: 04/06/23 13:12		Analyst: TYC		
Manganese, Total	18	1.0	ug/l	1	04/07/23	
Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS						
Method: EPA 533		Instr: LCMS06				
Batch ID: W3D2129	Preparation: EPA 533/SPE	Prepared: 04/24/23 16:30		Analyst: ajc		
11CI-PF3OUdS	ND	1.8	ng/l	1	04/27/23	
4:2 FTS	ND	1.8	ng/l	1	04/27/23	
6:2 FTS	ND	1.8	ng/l	1	04/27/23	
8:2 FTS	ND	1.8	ng/l	1	04/27/23	
9CI-PF3ONS	ND	1.8	ng/l	1	04/27/23	
ADONA	ND	1.8	ng/l	1	04/27/23	
HFPO-DA	ND	1.8	ng/l	1	04/27/23	
NFDHA	ND	1.8	ng/l	1	04/27/23	
PFBA	1.8	1.8	ng/l	1	04/27/23	
PFBS	ND	1.8	ng/l	1	04/27/23	
PFDA	ND	1.8	ng/l	1	04/27/23	
PFDoA	ND	1.8	ng/l	1	04/27/23	
PFEESA	ND	1.8	ng/l	1	04/27/23	
PFHpA	ND	1.8	ng/l	1	04/27/23	
PFHpS	ND	1.8	ng/l	1	04/27/23	
PFHxA	ND	1.8	ng/l	1	04/27/23	
PFHxS	1.9	1.8	ng/l	1	04/27/23	
PFMBA	ND	1.8	ng/l	1	04/27/23	
PFMPA	ND	1.8	ng/l	1	04/27/23	
PFNA	ND	1.8	ng/l	1	04/27/23	
PFOA	ND	1.8	ng/l	1	04/27/23	
PFOS	8.2	1.8	ng/l	1	04/27/23	
PFPeA	ND	1.8	ng/l	1	04/27/23	
PFPeS	ND	1.8	ng/l	1	04/27/23	
PFUnA	ND	1.8	ng/l	1	04/27/23	

Surrogate(s)

3C31011

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Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14 CA1910105_016_016, RegID: CA1910105_016_016
3C31011-01 (Water)

Sampled: 04/03/23 10:15 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

13C2-4:2 FTS	86%	Conc: 30.4	50-200		04/27/23	
13C2-6:2 FTS	103%	Conc: 36.6	50-200		04/27/23	
13C2-8:2 FTS	105%	Conc: 37.3	50-200		04/27/23	
13C2-PFDoA	89%	Conc: 7.90	50-200		04/27/23	
13C3-PFBS	122%	Conc: 10.8	50-200		04/27/23	
13C3-PFHxS	123%	Conc: 10.9	50-200		04/27/23	
13C4-PFBA	106%	Conc: 9.40	50-200		04/27/23	
13C4-PFHpA	99%	Conc: 8.79	50-200		04/27/23	
13C5-PFHxA	102%	Conc: 9.04	50-200		04/27/23	
13C5-PFPeA	106%	Conc: 9.42	50-200		04/27/23	
13C6-PFDA	85%	Conc: 7.50	50-200		04/27/23	
13C7-PFUnA	84%	Conc: 7.48	50-200		04/27/23	
13C8-PFOA	95%	Conc: 8.41	50-200		04/27/23	
13C8-PFOS	120%	Conc: 10.7	50-200		04/27/23	
13C9-PFNA	87%	Conc: 7.70	50-200		04/27/23	
HFPO-DA-13C3	97%	Conc: 8.61	50-200		04/27/23	

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2

Instr: GCMS14

Batch ID: W3D0062

Preparation: EPA 5030B

Prepared: 04/03/23 11:30

Analyst: cam

1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,1-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	04/03/23	
2,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	

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05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 14 CA1910105_016_016, RegID: CA1910105_016_016
3C31011-01 (Water)

Sampled: 04/03/23 10:15 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2			Instr: GCMS14			
Batch ID: W3D0062		Preparation: EPA 5030B		Prepared: 04/03/23 11:30		Analyst: cam
2-Butanone	ND	5.0	ug/l	1	04/03/23	
2-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
2-Hexanone	ND	5.0	ug/l	1	04/03/23	
4-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
4-Methyl-2-pentanone	ND	5.0	ug/l	1	04/03/23	
Benzene	ND	0.50	ug/l	1	04/03/23	
Bromobenzene	ND	0.50	ug/l	1	04/03/23	
Bromochloromethane	ND	0.50	ug/l	1	04/03/23	
Bromodichloromethane	ND	0.50	ug/l	1	04/03/23	
Bromoform	ND	0.50	ug/l	1	04/03/23	
Bromomethane	ND	0.50	ug/l	1	04/03/23	
Carbon tetrachloride	ND	0.50	ug/l	1	04/03/23	
Chlorobenzene	ND	0.50	ug/l	1	04/03/23	
Chloroethane	ND	0.50	ug/l	1	04/03/23	
Chloroform	ND	0.50	ug/l	1	04/03/23	
Chloromethane	ND	0.50	ug/l	1	04/03/23	
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Dibromochloromethane	ND	0.50	ug/l	1	04/03/23	
Dibromomethane	ND	0.50	ug/l	1	04/03/23	
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	04/03/23	
Di-isopropyl ether	ND	2.0	ug/l	1	04/03/23	
Ethyl tert-butyl ether	ND	2.0	ug/l	1	04/03/23	
Ethylbenzene	ND	0.50	ug/l	1	04/03/23	
Freon 113	ND	5.0	ug/l	1	04/03/23	
Hexachlorobutadiene	ND	0.50	ug/l	1	04/03/23	
Isopropylbenzene	ND	0.50	ug/l	1	04/03/23	
m,p-Xylene	ND	0.50	ug/l	1	04/03/23	
m-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	04/03/23	
Methylene chloride	ND	0.50	ug/l	1	04/03/23	
Naphthalene	ND	0.50	ug/l	1	04/03/23	
n-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
n-Propylbenzene	ND	0.50	ug/l	1	04/03/23	
o-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	

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4040 Paramount Blvd.
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05/02/2023 09:18

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Sample Results

(Continued)

Sample: Well 14 CA1910105_016_016, RegID: CA1910105_016_016
3C31011-01 (Water)

Sampled: 04/03/23 10:15 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2			Instr: GCMS14			
Batch ID: W3D0062		Preparation: EPA 5030B		Prepared: 04/03/23 11:30		Analyst: cam
o-Xylene	ND	0.50	ug/l	1	04/03/23	
p-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
p-Isopropyltoluene	ND	0.50	ug/l	1	04/03/23	
sec-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Styrene	ND	0.50	ug/l	1	04/03/23	
Tert-amyl methyl ether	ND	2.0	ug/l	1	04/03/23	
tert-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Tetrachloroethene	ND	0.50	ug/l	1	04/03/23	
THMs, Total	ND	2.0	ug/l	1	04/03/23	
Toluene	ND	0.50	ug/l	1	04/03/23	
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Trichloroethene	ND	0.50	ug/l	1	04/03/23	
Trichlorofluoromethane	ND	0.50	ug/l	1	04/03/23	
Vinyl chloride	ND	0.50	ug/l	1	04/03/23	
Xylenes, Total	ND	0.50	ug/l	1	04/03/23	
<i>Surrogate(s)</i>						
1,2-Dichlorobenzene-d4	97%	Conc: 9.70	70-130		04/03/23	
4-Bromofluorobenzene	94%	Conc: 9.44	70-130		04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14 - Field Blank, RegID: CA1910105_016_016
3C31011-02 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

11CI-PF3OUdS	ND	1.7	ng/l	1	04/27/23	
4:2 FTS	ND	1.7	ng/l	1	04/27/23	
6:2 FTS	ND	1.7	ng/l	1	04/27/23	
8:2 FTS	ND	1.7	ng/l	1	04/27/23	
9CI-PF3ONS	ND	1.7	ng/l	1	04/27/23	
ADONA	ND	1.7	ng/l	1	04/27/23	
HFPO-DA	ND	1.7	ng/l	1	04/27/23	
NFDHA	ND	1.7	ng/l	1	04/27/23	
PFBA	ND	1.7	ng/l	1	04/27/23	
PFBS	ND	1.7	ng/l	1	04/27/23	
PFDA	ND	1.7	ng/l	1	04/27/23	
PFDaA	ND	1.7	ng/l	1	04/27/23	
PFEESA	ND	1.7	ng/l	1	04/27/23	
PFHpA	ND	1.7	ng/l	1	04/27/23	
PFHpS	ND	1.7	ng/l	1	04/27/23	
PFHxA	ND	1.7	ng/l	1	04/27/23	
PFHxS	ND	1.7	ng/l	1	04/27/23	
PFMBA	ND	1.7	ng/l	1	04/27/23	
PFMPA	ND	1.7	ng/l	1	04/27/23	
PFNA	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	
PFOS	ND	1.7	ng/l	1	04/27/23	
PFPeA	ND	1.7	ng/l	1	04/27/23	
PFPeS	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	

Surrogate(s)

13C2-4:2 FTS	107%	Conc: 37.1	50-200	04/27/23
13C2-6:2 FTS	111%	Conc: 38.4	50-200	04/27/23
13C2-8:2 FTS	111%	Conc: 38.5	50-200	04/27/23
13C2-PFDaA	104%	Conc: 9.06	50-200	04/27/23
13C3-PFBS	118%	Conc: 10.3	50-200	04/27/23
13C3-PFHxS	120%	Conc: 10.4	50-200	04/27/23
13C4-PFBA	103%	Conc: 8.97	50-200	04/27/23
13C4-PFHpA	98%	Conc: 8.52	50-200	04/27/23
13C5-PFHxA	97%	Conc: 8.43	50-200	04/27/23

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 4040 Paramount Blvd.
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05/02/2023 09:18

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Sample Results

(Continued)

Sample: Well 14 - Field Blank, RegID: CA1910105_016_016
 3C31011-02 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

13C5-PFPeA	99%	Conc: 8.57	50-200		04/27/23	
13C6-PFDA	105%	Conc: 9.13	50-200		04/27/23	
13C7-PFUnA	103%	Conc: 8.91	50-200		04/27/23	
13C8-PFOA	100%	Conc: 8.68	50-200		04/27/23	
13C8-PFOS	113%	Conc: 9.79	50-200		04/27/23	
13C9-PFNA	105%	Conc: 9.10	50-200		04/27/23	
HFPO-DA-13C3	100%	Conc: 8.72	50-200		04/27/23	

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05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 15 Pre CA1910105_025_025, RegID: CA1910105_025_025
3C31011-03 (Water) Sampled: 04/03/23 10:40 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Low Level 1,2,3-TCP by SRL Method, P&T, GC/MS SIM

Method: SRL 524M-TCP		Instr: GCMS12				
Batch ID: W3D0126	Preparation: EPA 5030B	Prepared: 04/04/23 09:27				Analyst: ADM
1,2,3-Trichloropropane	ND	0.0050	ug/l	1	04/04/23	

Metals by EPA 200 Series Methods

Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3D0501	Preparation: EPA 200.2	Prepared: 04/06/23 13:12				Analyst: TYC
Arsenic, Total	6.6	0.50	ug/l	1	04/07/23	
Manganese, Total	41	1.0	ug/l	1	04/07/23	

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533		Instr: LCMS06				
Batch ID: W3D2129	Preparation: EPA 533/SPE	Prepared: 04/24/23 16:30				Analyst: ajc
11CI-PF3OUdS	ND	2.0	ng/l	1	04/27/23	
4:2 FTS	ND	2.0	ng/l	1	04/27/23	
6:2 FTS	ND	2.0	ng/l	1	04/27/23	
8:2 FTS	ND	2.0	ng/l	1	04/27/23	
9CI-PF3ONS	ND	2.0	ng/l	1	04/27/23	
ADONA	ND	2.0	ng/l	1	04/27/23	
HFPO-DA	ND	2.0	ng/l	1	04/27/23	
NFDHA	ND	2.0	ng/l	1	04/27/23	
PFBA	ND	2.0	ng/l	1	04/27/23	
PFBS	ND	2.0	ng/l	1	04/27/23	
PFDA	ND	2.0	ng/l	1	04/27/23	
PFDaA	ND	2.0	ng/l	1	04/27/23	
PFEESA	ND	2.0	ng/l	1	04/27/23	
PFHpA	ND	2.0	ng/l	1	04/27/23	
PFHpS	ND	2.0	ng/l	1	04/27/23	
PFHxA	ND	2.0	ng/l	1	04/27/23	
PFHxS	ND	2.0	ng/l	1	04/27/23	
PFMBA	ND	2.0	ng/l	1	04/27/23	
PFMPA	ND	2.0	ng/l	1	04/27/23	
PFNA	ND	2.0	ng/l	1	04/27/23	
PFOA	ND	2.0	ng/l	1	04/27/23	
PFOS	ND	2.0	ng/l	1	04/27/23	
PFPeA	ND	2.0	ng/l	1	04/27/23	
PFPeS	ND	2.0	ng/l	1	04/27/23	
PFUnA	ND	2.0	ng/l	1	04/27/23	

Surrogate(s)

13C2-4:2 FTS	90%	Conc: 33.2	50-200	04/27/23
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3C31011

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre CA1910105_025_025, RegID: CA1910105_025_025
3C31011-03 (Water)

Sampled: 04/03/23 10:40 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

13C2-6:2 FTS	101%	Conc: 37.1	50-200		04/27/23	
13C2-8:2 FTS	98%	Conc: 36.3	50-200		04/27/23	
13C2-PFDoA	98%	Conc: 9.04	50-200		04/27/23	
13C3-PFBS	116%	Conc: 10.7	50-200		04/27/23	
13C3-PFHxS	117%	Conc: 10.8	50-200		04/27/23	
13C4-PFBA	98%	Conc: 9.00	50-200		04/27/23	
13C4-PFHpA	92%	Conc: 8.45	50-200		04/27/23	
13C5-PFHxA	95%	Conc: 8.81	50-200		04/27/23	
13C5-PFPeA	99%	Conc: 9.16	50-200		04/27/23	
13C6-PFDA	96%	Conc: 8.89	50-200		04/27/23	
13C7-PFUnA	95%	Conc: 8.81	50-200		04/27/23	
13C8-PFOA	91%	Conc: 8.40	50-200		04/27/23	
13C8-PFOS	107%	Conc: 9.89	50-200		04/27/23	
13C9-PFNA	95%	Conc: 8.79	50-200		04/27/23	
HFPO-DA-13C3	94%	Conc: 8.68	50-200		04/27/23	

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2

Instr: GCMS14

Batch ID: W3D0062

Preparation: EPA 5030B

Prepared: 04/03/23 11:30

Analyst: cam

1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,1-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	04/03/23	
2,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
2-Butanone	ND	5.0	ug/l	1	04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 15 Pre CA1910105_025_025, RegID: CA1910105_025_025
3C31011-03 (Water)

Sampled: 04/03/23 10:40 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2		Instr: GCMS14				
Batch ID: W3D0062	Preparation: EPA 5030B	Prepared: 04/03/23 11:30		Analyst: cam		
2-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
2-Hexanone	ND	5.0	ug/l	1	04/03/23	
4-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
4-Methyl-2-pentanone	ND	5.0	ug/l	1	04/03/23	
Benzene	ND	0.50	ug/l	1	04/03/23	
Bromobenzene	ND	0.50	ug/l	1	04/03/23	
Bromochloromethane	ND	0.50	ug/l	1	04/03/23	
Bromodichloromethane	ND	0.50	ug/l	1	04/03/23	
Bromoform	ND	0.50	ug/l	1	04/03/23	
Bromomethane	ND	0.50	ug/l	1	04/03/23	
Carbon tetrachloride	ND	0.50	ug/l	1	04/03/23	
Chlorobenzene	ND	0.50	ug/l	1	04/03/23	
Chloroethane	ND	0.50	ug/l	1	04/03/23	
Chloroform	ND	0.50	ug/l	1	04/03/23	
Chloromethane	ND	0.50	ug/l	1	04/03/23	
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Dibromochloromethane	ND	0.50	ug/l	1	04/03/23	
Dibromomethane	ND	0.50	ug/l	1	04/03/23	
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	04/03/23	
Di-isopropyl ether	ND	2.0	ug/l	1	04/03/23	
Ethyl tert-butyl ether	ND	2.0	ug/l	1	04/03/23	
Ethylbenzene	ND	0.50	ug/l	1	04/03/23	
Freon 113	ND	5.0	ug/l	1	04/03/23	
Hexachlorobutadiene	ND	0.50	ug/l	1	04/03/23	
Isopropylbenzene	ND	0.50	ug/l	1	04/03/23	
m,p-Xylene	ND	0.50	ug/l	1	04/03/23	
m-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	04/03/23	
Methylene chloride	ND	0.50	ug/l	1	04/03/23	
Naphthalene	ND	0.50	ug/l	1	04/03/23	
n-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
n-Propylbenzene	ND	0.50	ug/l	1	04/03/23	
o-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
o-Xylene	ND	0.50	ug/l	1	04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre CA1910105_025_025, RegID: CA1910105_025_025
3C31011-03 (Water)

Sampled: 04/03/23 10:40 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2			Instr: GCMS14			
Batch ID: W3D0062		Preparation: EPA 5030B		Prepared: 04/03/23 11:30		Analyst: cam
p-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
p-Isopropyltoluene	ND	0.50	ug/l	1	04/03/23	
sec-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Styrene	ND	0.50	ug/l	1	04/03/23	
Tert-amyl methyl ether	ND	2.0	ug/l	1	04/03/23	
tert-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Tetrachloroethene	ND	0.50	ug/l	1	04/03/23	
THMs, Total	ND	2.0	ug/l	1	04/03/23	
Toluene	ND	0.50	ug/l	1	04/03/23	
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Trichloroethene	ND	0.50	ug/l	1	04/03/23	
Trichlorofluoromethane	ND	0.50	ug/l	1	04/03/23	
Vinyl chloride	ND	0.50	ug/l	1	04/03/23	
Xylenes, Total	ND	0.50	ug/l	1	04/03/23	
<i>Surrogate(s)</i>						
1,2-Dichlorobenzene-d4	99%	Conc: 9.86	70-130		04/03/23	
4-Bromofluorobenzene	96%	Conc: 9.55	70-130		04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 - Field Blank, RegID: CA1910105_025_025
3C31011-04 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

11CI-PF3OUdS	ND	1.7	ng/l	1	04/27/23	
4:2 FTS	ND	1.7	ng/l	1	04/27/23	
6:2 FTS	ND	1.7	ng/l	1	04/27/23	
8:2 FTS	ND	1.7	ng/l	1	04/27/23	
9CI-PF3ONS	ND	1.7	ng/l	1	04/27/23	
ADONA	ND	1.7	ng/l	1	04/27/23	
HFPO-DA	ND	1.7	ng/l	1	04/27/23	
NFDHA	ND	1.7	ng/l	1	04/27/23	
PFBA	ND	1.7	ng/l	1	04/27/23	
PFBS	ND	1.7	ng/l	1	04/27/23	
PFDA	ND	1.7	ng/l	1	04/27/23	
PFDoA	ND	1.7	ng/l	1	04/27/23	
PFEESA	ND	1.7	ng/l	1	04/27/23	
PFHpA	ND	1.7	ng/l	1	04/27/23	
PFHpS	ND	1.7	ng/l	1	04/27/23	
PFHxA	ND	1.7	ng/l	1	04/27/23	
PFHxS	ND	1.7	ng/l	1	04/27/23	
PFMBA	ND	1.7	ng/l	1	04/27/23	
PFMPA	ND	1.7	ng/l	1	04/27/23	
PFNA	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	
PFOS	ND	1.7	ng/l	1	04/27/23	
PFPeA	ND	1.7	ng/l	1	04/27/23	
PFPeS	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	

Surrogate(s)

13C2-4:2 FTS	103%	Conc: 35.2	50-200	04/27/23
13C2-6:2 FTS	109%	Conc: 37.4	50-200	04/27/23
13C2-8:2 FTS	108%	Conc: 36.9	50-200	04/27/23
13C2-PFDoA	99%	Conc: 8.50	50-200	04/27/23
13C3-PFBS	117%	Conc: 10.0	50-200	04/27/23
13C3-PFHxS	117%	Conc: 10.0	50-200	04/27/23
13C4-PFBA	96%	Conc: 8.19	50-200	04/27/23
13C4-PFHpA	93%	Conc: 7.97	50-200	04/27/23
13C5-PFHxA	93%	Conc: 7.97	50-200	04/27/23

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 - Field Blank, RegID: CA1910105_025_025
3C31011-04 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

13C5-PFPeA	99%	Conc: 8.51	50-200		04/27/23	
13C6-PFDA	98%	Conc: 8.43	50-200		04/27/23	
13C7-PFUnA	99%	Conc: 8.49	50-200		04/27/23	
13C8-PFOA	96%	Conc: 8.18	50-200		04/27/23	
13C8-PFOS	114%	Conc: 9.76	50-200		04/27/23	
13C9-PFNA	97%	Conc: 8.26	50-200		04/27/23	
HFPO-DA-13C3	96%	Conc: 8.20	50-200		04/27/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 15 Effluent CA1910105_027_027, RegID: CA1910105_027_027
3C31011-05 (Water) Sampled: 04/03/23 10:50 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Low Level 1,2,3-TCP by SRL Method, P&T, GC/MS SIM

Method: SRL 524M-TCP		Instr: GCMS12				
Batch ID: W3D0126	Preparation: EPA 5030B	Prepared: 04/04/23 09:27				Analyst: ADM
1,2,3-Trichloropropane	ND	0.0050	ug/l	1	04/04/23	

Metals by EPA 200 Series Methods

Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3D0501	Preparation: EPA 200.2	Prepared: 04/06/23 13:12				Analyst: TYC
Arsenic, Total	6.5	0.50	ug/l	1	04/07/23	
Manganese, Total	ND	1.0	ug/l	1	04/07/23	

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533		Instr: LCMS06				
Batch ID: W3D2129	Preparation: EPA 533/SPE	Prepared: 04/24/23 16:30				Analyst: ajc
11CI-PF3OUdS	ND	1.8	ng/l	1	04/27/23	
4:2 FTS	ND	1.8	ng/l	1	04/27/23	
6:2 FTS	ND	1.8	ng/l	1	04/27/23	
8:2 FTS	ND	1.8	ng/l	1	04/27/23	
9CI-PF3ONS	ND	1.8	ng/l	1	04/27/23	
ADONA	ND	1.8	ng/l	1	04/27/23	
HFPO-DA	ND	1.8	ng/l	1	04/27/23	
NFDHA	ND	1.8	ng/l	1	04/27/23	
PFBA	ND	1.8	ng/l	1	04/27/23	
PFBS	ND	1.8	ng/l	1	04/27/23	
PFDA	ND	1.8	ng/l	1	04/27/23	
PFDoA	ND	1.8	ng/l	1	04/27/23	
PFEESA	ND	1.8	ng/l	1	04/27/23	
PFHpA	ND	1.8	ng/l	1	04/27/23	
PFHpS	ND	1.8	ng/l	1	04/27/23	
PFHxA	ND	1.8	ng/l	1	04/27/23	
PFHxS	ND	1.8	ng/l	1	04/27/23	
PFMBA	ND	1.8	ng/l	1	04/27/23	
PFMPA	ND	1.8	ng/l	1	04/27/23	
PFNA	ND	1.8	ng/l	1	04/27/23	
PFOA	ND	1.8	ng/l	1	04/27/23	
PFOS	ND	1.8	ng/l	1	04/27/23	
PFPeA	ND	1.8	ng/l	1	04/27/23	
PFPeS	ND	1.8	ng/l	1	04/27/23	
PFUnA	ND	1.8	ng/l	1	04/27/23	

Surrogate(s)

13C2-4:2 FTS	95%	Conc: 33.9	50-200	04/27/23
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3C31011

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Effluent CA1910105_027_027, RegID: CA1910105_027_027
3C31011-05 (Water)

Sampled: 04/03/23 10:50 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)						
Method: EPA 533			Instr: LCMS06			
Batch ID: W3D2129		Preparation: EPA 533/SPE		Prepared: 04/24/23 16:30		Analyst: ajc
13C2-6:2 FTS	105% Conc: 37.3	50-200			04/27/23	
13C2-8:2 FTS	107% Conc: 38.1	50-200			04/27/23	
13C2-PFDoA	98% Conc: 8.73	50-200			04/27/23	
13C3-PFBS	115% Conc: 10.3	50-200			04/27/23	
13C3-PFHxS	116% Conc: 10.3	50-200			04/27/23	
13C4-PFBA	100% Conc: 8.94	50-200			04/27/23	
13C4-PFHpA	91% Conc: 8.06	50-200			04/27/23	
13C5-PFHxA	93% Conc: 8.28	50-200			04/27/23	
13C5-PFPeA	103% Conc: 9.15	50-200			04/27/23	
13C6-PFDA	90% Conc: 8.04	50-200			04/27/23	
13C7-PFUnA	93% Conc: 8.31	50-200			04/27/23	
13C8-PFOA	87% Conc: 7.75	50-200			04/27/23	
13C8-PFOS	123% Conc: 10.9	50-200			04/27/23	
13C9-PFNA	89% Conc: 7.88	50-200			04/27/23	
HFPO-DA-13C3	99% Conc: 8.80	50-200			04/27/23	

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2			Instr: GCMS14			
Batch ID: W3D0062		Preparation: EPA 5030B		Prepared: 04/03/23 11:30		Analyst: cam
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,1-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	04/03/23	
2,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
2-Butanone	ND	5.0	ug/l	1	04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 15 Effluent CA1910105_027_027, RegID: CA1910105_027_027
3C31011-05 (Water)

Sampled: 04/03/23 10:50 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2		Instr: GCMS14				
Batch ID: W3D0062	Preparation: EPA 5030B	Prepared: 04/03/23 11:30		Analyst: cam		
2-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
2-Hexanone	ND	5.0	ug/l	1	04/03/23	
4-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
4-Methyl-2-pentanone	ND	5.0	ug/l	1	04/03/23	
Benzene	ND	0.50	ug/l	1	04/03/23	
Bromobenzene	ND	0.50	ug/l	1	04/03/23	
Bromochloromethane	ND	0.50	ug/l	1	04/03/23	
Bromodichloromethane	0.55	0.50	ug/l	1	04/03/23	
Bromoform	0.68	0.50	ug/l	1	04/03/23	
Bromomethane	ND	0.50	ug/l	1	04/03/23	
Carbon tetrachloride	ND	0.50	ug/l	1	04/03/23	
Chlorobenzene	ND	0.50	ug/l	1	04/03/23	
Chloroethane	ND	0.50	ug/l	1	04/03/23	
Chloroform	ND	0.50	ug/l	1	04/03/23	
Chloromethane	ND	0.50	ug/l	1	04/03/23	
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Dibromochloromethane	0.73	0.50	ug/l	1	04/03/23	
Dibromomethane	ND	0.50	ug/l	1	04/03/23	
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	04/03/23	
Di-isopropyl ether	ND	2.0	ug/l	1	04/03/23	
Ethyl tert-butyl ether	ND	2.0	ug/l	1	04/03/23	
Ethylbenzene	ND	0.50	ug/l	1	04/03/23	
Freon 113	ND	5.0	ug/l	1	04/03/23	
Hexachlorobutadiene	ND	0.50	ug/l	1	04/03/23	
Isopropylbenzene	ND	0.50	ug/l	1	04/03/23	
m,p-Xylene	ND	0.50	ug/l	1	04/03/23	
m-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	04/03/23	
Methylene chloride	ND	0.50	ug/l	1	04/03/23	
Naphthalene	ND	0.50	ug/l	1	04/03/23	
n-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
n-Propylbenzene	ND	0.50	ug/l	1	04/03/23	
o-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
o-Xylene	ND	0.50	ug/l	1	04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Effluent CA1910105_027_027, RegID: CA1910105_027_027
3C31011-05 (Water)

Sampled: 04/03/23 10:50 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2			Instr: GCMS14			
Batch ID: W3D0062		Preparation: EPA 5030B		Prepared: 04/03/23 11:30		Analyst: cam
p-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
p-Isopropyltoluene	ND	0.50	ug/l	1	04/03/23	
sec-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Styrene	ND	0.50	ug/l	1	04/03/23	
Tert-amyl methyl ether	ND	2.0	ug/l	1	04/03/23	
tert-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Tetrachloroethene	ND	0.50	ug/l	1	04/03/23	
THMs, Total	2.0	2.0	ug/l	1	04/03/23	
Toluene	ND	0.50	ug/l	1	04/03/23	
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Trichloroethene	ND	0.50	ug/l	1	04/03/23	
Trichlorofluoromethane	ND	0.50	ug/l	1	04/03/23	
Vinyl chloride	ND	0.50	ug/l	1	04/03/23	
Xylenes, Total	ND	0.50	ug/l	1	04/03/23	
<i>Surrogate(s)</i>						
1,2-Dichlorobenzene-d4	101%	Conc: 10.1	70-130		04/03/23	
4-Bromofluorobenzene	96%	Conc: 9.57	70-130		04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Effluent - Field Blank, RegID: CA1910105_027_027
3C31011-06 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Method: EPA 533

Instr: LCMS06

Batch ID: W3D2129

Preparation: EPA 533/SPE

Prepared: 04/24/23 16:30

Analyst: ajc

11CI-PF3OUdS	ND	1.7	ng/l	1	04/27/23	
4:2 FTS	ND	1.7	ng/l	1	04/27/23	
6:2 FTS	ND	1.7	ng/l	1	04/27/23	
8:2 FTS	ND	1.7	ng/l	1	04/27/23	
9CI-PF3ONS	ND	1.7	ng/l	1	04/27/23	
ADONA	ND	1.7	ng/l	1	04/27/23	
HFPO-DA	ND	1.7	ng/l	1	04/27/23	
NFDHA	ND	1.7	ng/l	1	04/27/23	
PFBA	ND	1.7	ng/l	1	04/27/23	
PFBS	ND	1.7	ng/l	1	04/27/23	
PFDA	ND	1.7	ng/l	1	04/27/23	
PFDoA	ND	1.7	ng/l	1	04/27/23	
PFEESA	ND	1.7	ng/l	1	04/27/23	
PFHpA	ND	1.7	ng/l	1	04/27/23	
PFHpS	ND	1.7	ng/l	1	04/27/23	
PFHxA	ND	1.7	ng/l	1	04/27/23	
PFHxS	ND	1.7	ng/l	1	04/27/23	
PFMBA	ND	1.7	ng/l	1	04/27/23	
PFMPA	ND	1.7	ng/l	1	04/27/23	
PFNA	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	
PFOS	ND	1.7	ng/l	1	04/27/23	
PFPeA	ND	1.7	ng/l	1	04/27/23	
PFPeS	ND	1.7	ng/l	1	04/27/23	
PFOA	ND	1.7	ng/l	1	04/27/23	

Surrogate(s)

13C2-4:2 FTS	106%	Conc: 34.9	50-200	04/27/23
13C2-6:2 FTS	107%	Conc: 35.3	50-200	04/27/23
13C2-8:2 FTS	104%	Conc: 34.4	50-200	04/27/23
13C2-PFDoA	100%	Conc: 8.23	50-200	04/27/23
13C3-PFBS	120%	Conc: 9.94	50-200	04/27/23
13C3-PFHxS	117%	Conc: 9.65	50-200	04/27/23
13C4-PFBA	110%	Conc: 9.12	50-200	04/27/23
13C4-PFHpA	113%	Conc: 9.35	50-200	04/27/23
13C5-PFHxA	113%	Conc: 9.36	50-200	04/27/23

Water Replenishment District
 4040 Paramount Blvd.
 Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
 05/02/2023 09:18

Sample Results

(Continued)

Sample: Well 15 Effluent - Field Blank, RegID: CA1910105_027_027
 3C31011-06 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)						
Method: EPA 533			Instr: LCMS06			
Batch ID: W3D2129		Preparation: EPA 533/SPE		Prepared: 04/24/23 16:30		Analyst: ajc
13C5-PFPeA	112%	Conc: 9.24	50-200		04/27/23	
13C6-PFDA	112%	Conc: 9.25	50-200		04/27/23	
13C7-PFUnA	103%	Conc: 8.50	50-200		04/27/23	
13C8-PFOA	114%	Conc: 9.40	50-200		04/27/23	
13C8-PFOS	117%	Conc: 9.67	50-200		04/27/23	
13C9-PFNA	114%	Conc: 9.37	50-200		04/27/23	
HFPO-DA-13C3	104%	Conc: 8.62	50-200		04/27/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Travel Blank

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)

3C31011-07 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS						
Method: EPA 524.2		Instr: GCMS14				
Batch ID: W3D0062	Preparation: EPA 5030B	Prepared: 04/03/23 11:30		Analyst: cam		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,1-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	04/03/23	
1,1,2-Trichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
1,1-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	04/03/23	
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloroethane	ND	0.50	ug/l	1	04/03/23	
1,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	04/03/23	
2,2-Dichloropropane	ND	0.50	ug/l	1	04/03/23	
2-Butanone	ND	5.0	ug/l	1	04/03/23	
2-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
2-Hexanone	ND	5.0	ug/l	1	04/03/23	
4-Chlorotoluene	ND	0.50	ug/l	1	04/03/23	
4-Methyl-2-pentanone	ND	5.0	ug/l	1	04/03/23	
Benzene	ND	0.50	ug/l	1	04/03/23	
Bromobenzene	ND	0.50	ug/l	1	04/03/23	
Bromochloromethane	ND	0.50	ug/l	1	04/03/23	
Bromodichloromethane	ND	0.50	ug/l	1	04/03/23	
Bromoform	ND	0.50	ug/l	1	04/03/23	
Bromomethane	ND	0.50	ug/l	1	04/03/23	
Carbon tetrachloride	ND	0.50	ug/l	1	04/03/23	
Chlorobenzene	ND	0.50	ug/l	1	04/03/23	
Chloroethane	ND	0.50	ug/l	1	04/03/23	
Chloroform	ND	0.50	ug/l	1	04/03/23	
Chloromethane	ND	0.50	ug/l	1	04/03/23	
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Dibromochloromethane	ND	0.50	ug/l	1	04/03/23	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Sample Results

(Continued)

Sample: Travel Blank
3C31011-07 (Water)

Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Volatile Organic Compounds by P&T and GC/MS (Continued)

Method: EPA 524.2

Instr: GCMS14

Batch ID: W3D0062

Preparation: EPA 5030B

Prepared: 04/03/23 11:30

Analyst: cam

Dibromomethane	ND	0.50	ug/l	1	04/03/23	
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	04/03/23	
Di-isopropyl ether	ND	2.0	ug/l	1	04/03/23	
Ethyl tert-butyl ether	ND	2.0	ug/l	1	04/03/23	
Ethylbenzene	ND	0.50	ug/l	1	04/03/23	
Freon 113	ND	5.0	ug/l	1	04/03/23	
Hexachlorobutadiene	ND	0.50	ug/l	1	04/03/23	
Isopropylbenzene	ND	0.50	ug/l	1	04/03/23	
m,p-Xylene	ND	0.50	ug/l	1	04/03/23	
m-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	04/03/23	
Methylene chloride	ND	0.50	ug/l	1	04/03/23	
Naphthalene	ND	0.50	ug/l	1	04/03/23	
n-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
n-Propylbenzene	ND	0.50	ug/l	1	04/03/23	
o-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
o-Xylene	ND	0.50	ug/l	1	04/03/23	
p-Dichlorobenzene	ND	0.50	ug/l	1	04/03/23	
p-Isopropyltoluene	ND	0.50	ug/l	1	04/03/23	
sec-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Styrene	ND	0.50	ug/l	1	04/03/23	
Tert-amyl methyl ether	ND	2.0	ug/l	1	04/03/23	
tert-Butylbenzene	ND	0.50	ug/l	1	04/03/23	
Tetrachloroethene	ND	0.50	ug/l	1	04/03/23	
THMs, Total	ND	2.0	ug/l	1	04/03/23	
Toluene	ND	0.50	ug/l	1	04/03/23	
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	04/03/23	
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	04/03/23	
Trichloroethene	ND	0.50	ug/l	1	04/03/23	
Trichlorofluoromethane	ND	0.50	ug/l	1	04/03/23	
Vinyl chloride	ND	0.50	ug/l	1	04/03/23	
Xylenes, Total	ND	0.50	ug/l	1	04/03/23	

Surrogate(s)

1,2-Dichlorobenzene-d4	99%	Conc: 9.86	70-130	04/03/23
4-Bromofluorobenzene	97%	Conc: 9.72	70-130	04/03/23

Water Replenishment District
 4040 Paramount Blvd.
 Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Sample Results

Sample: Travel Blank
 3C31011-07 (Water) Sampled: 04/03/23 0:00 by Allan Goldberg (wecklabs)
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2				Instr: GCMS14		
Batch ID: W3D0062	Preparation: EPA 5030B			Prepared: 04/03/23 11:30		Analyst: cam

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

Quality Control Results

1,4-Dioxane by SPE/GCMS SIM, EPA Method 522

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Qualifier
Batch: W3D0187 - EPA 522										
Blank (W3D0187-BLK1)				Prepared: 04/04/23 Analyzed: 04/05/23						
1,4-Dioxane	ND	0.070	ug/l							
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	10.2		ug/l	10.0		102	70-130			
LCS (W3D0187-BS1)				Prepared: 04/04/23 Analyzed: 04/05/23						
1,4-Dioxane	1.79	0.070	ug/l	2.00		90	70-130			
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	9.84		ug/l	10.0		98	70-130			
LCS Dup (W3D0187-BSD1)				Prepared: 04/04/23 Analyzed: 04/05/23						
1,4-Dioxane	1.90	0.070	ug/l	2.00		95	70-130	6	30	
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	9.82		ug/l	10.0		98	70-130			

Quality Control Results

Low Level 1,2,3-TCP by SRL Method, P&T, GC/MS SIM

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Qualifier
Batch: W3D0126 - SRL 524M-TCP										
Blank (W3D0126-BLK1)				Prepared & Analyzed: 04/04/23						
1,2,3-Trichloropropane	ND	0.0050	ug/l							
LCS (W3D0126-BS1)				Prepared & Analyzed: 04/04/23						
1,2,3-Trichloropropane	0.0173	0.0050	ug/l	0.0200		87	80-120			
LCS Dup (W3D0126-BSD1)				Prepared & Analyzed: 04/04/23						
1,2,3-Trichloropropane	0.0182	0.0050	ug/l	0.0200		91	80-120	5	20	
Duplicate (W3D0126-DUP1)				Source: 3C30033-01			Prepared & Analyzed: 04/04/23			
1,2,3-Trichloropropane	ND	0.0050	ug/l		ND				20	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Quality Control Results

(Continued)

Metals by EPA 200 Series Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0501 - EPA 200.8										
Blank (W3D0501-BLK1)										
				Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	ND	0.50	ug/l							
Manganese, Total	ND	1.0	ug/l							
LCS (W3D0501-BS1)										
				Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	48.5	0.50	ug/l	50.0		97	85-115			
Manganese, Total	48.8	1.0	ug/l	50.0		98	85-115			
Matrix Spike (W3D0501-MS1)										
		Source: 3C28157-03		Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	51.1	0.50	ug/l	50.0	0.835	100	70-130			
Manganese, Total	105	1.0	ug/l	50.0	55.7	98	70-130			
Matrix Spike (W3D0501-MS2)										
		Source: 3D04079-01		Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	86.3	0.50	ug/l	50.0	38.2	96	70-130			
Manganese, Total	239	1.0	ug/l	50.0	198	82	70-130			
Matrix Spike Dup (W3D0501-MSD1)										
		Source: 3C28157-03		Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	50.5	0.50	ug/l	50.0	0.835	99	70-130	1	30	
Manganese, Total	104	1.0	ug/l	50.0	55.7	96	70-130	0.9	30	
Matrix Spike Dup (W3D0501-MSD2)										
		Source: 3D04079-01		Prepared: 04/06/23 Analyzed: 04/07/23						
Arsenic, Total	86.9	0.50	ug/l	50.0	38.2	97	70-130	0.6	30	
Manganese, Total	240	1.0	ug/l	50.0	198	83	70-130	0.3	30	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D2129 - EPA 533										
Blank (W3D2129-BLK1)										
Prepared: 04/24/23 Analyzed: 04/27/23										
11CI-PF3OUdS	ND	2.0	ng/l							
4:2 FTS	ND	2.0	ng/l							
6:2 FTS	ND	2.0	ng/l							
8:2 FTS	ND	2.0	ng/l							
9CI-PF3ONS	ND	2.0	ng/l							
ADONA	ND	2.0	ng/l							
HFPO-DA	ND	2.0	ng/l							
NFDHA	ND	2.0	ng/l							
PFBA	ND	2.0	ng/l							
PFBS	ND	2.0	ng/l							
PFDA	ND	2.0	ng/l							
PFDoA	ND	2.0	ng/l							
PFEESA	ND	2.0	ng/l							
PFHpA	ND	2.0	ng/l							
PFHpS	ND	2.0	ng/l							
PFHxA	ND	2.0	ng/l							
PFHxS	ND	2.0	ng/l							
PFMBA	ND	2.0	ng/l							
PFMPA	ND	2.0	ng/l							
PFNA	ND	2.0	ng/l							
PFOA	ND	2.0	ng/l							
PFOS	ND	2.0	ng/l							
PFPeA	ND	2.0	ng/l							
PFPeS	ND	2.0	ng/l							
PFOA	ND	2.0	ng/l							
<i>Surrogate(s)</i>										
13C2-4:2 FTS	41.5		ng/l	40.0		104	50-200			
13C2-6:2 FTS	43.5		ng/l	40.0		109	50-200			
13C2-8:2 FTS	38.9		ng/l	40.0		97	50-200			
13C2-PFDoA	9.73		ng/l	10.0		97	50-200			
13C3-PFBS	12.2		ng/l	10.0		122	50-200			
13C3-PFHxS	12.5		ng/l	10.0		125	50-200			
13C4-PFBA	10.1		ng/l	10.0		101	50-200			
13C4-PFHpA	9.78		ng/l	10.0		98	50-200			
13C5-PFHxA	9.75		ng/l	10.0		98	50-200			
13C5-PFPeA	10.3		ng/l	10.0		103	50-200			
13C6-PFDA	8.54		ng/l	10.0		85	50-200			
13C7-PFOA	9.02		ng/l	10.0		90	50-200			
13C8-PFOA	9.50		ng/l	10.0		95	50-200			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
05/02/2023 09:18

Quality Control Results

(Continued)

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D2129 - EPA 533 (Continued)										
Blank (W3D2129-BLK1)										
Prepared: 04/24/23 Analyzed: 04/27/23										
<i>Surrogate(s)</i>										
13C8-PFOS	11.1		ng/l	10.0		111	50-200			
13C9-PFNA	8.57		ng/l	10.0		86	50-200			
HFPO-DA-13C3	9.45		ng/l	10.0		94	50-200			
LCS (W3D2129-BS1)										
Prepared: 04/24/23 Analyzed: 04/27/23										
11CI-PF3OUdS	1.80	2.0	ng/l	2.00		90	70-130			
4:2 FTS	2.29	2.0	ng/l	2.00		115	70-130			
6:2 FTS	2.04	2.0	ng/l	2.00		102	70-130			
8:2 FTS	1.67	2.0	ng/l	2.00		84	70-130			
9CI-PF3ONS	1.78	2.0	ng/l	2.00		89	70-130			
ADONA	1.96	2.0	ng/l	2.00		98	70-130			
HFPO-DA	2.04	2.0	ng/l	2.00		102	70-130			
NFDHA	2.42	2.0	ng/l	2.00		121	70-130			
PFBA	2.27	2.0	ng/l	2.00		113	70-130			
PFBS	2.16	2.0	ng/l	2.00		108	70-130			
PFDA	1.93	2.0	ng/l	2.00		97	70-130			
PFDoA	1.73	2.0	ng/l	2.00		86	70-130			
PFEESA	2.06	2.0	ng/l	2.00		103	70-130			
PFHpA	1.83	2.0	ng/l	2.00		91	70-130			
PFHpS	2.13	2.0	ng/l	2.00		106	70-130			
PFHxA	1.99	2.0	ng/l	2.00		99	70-130			
PFHxS	2.44	2.0	ng/l	2.00		122	70-130			
PFMBA	1.83	2.0	ng/l	2.00		91	70-130			
PFMPA	2.21	2.0	ng/l	2.00		111	70-130			
PFNA	2.16	2.0	ng/l	2.00		108	70-130			
PFOA	2.14	2.0	ng/l	2.00		107	70-130			
PFOS	1.91	2.0	ng/l	2.00		96	70-130			
PFPeA	1.96	2.0	ng/l	2.00		98	70-130			
PFPeS	2.10	2.0	ng/l	2.00		105	70-130			
PFUnA	1.62	2.0	ng/l	2.00		81	70-130			
<i>Surrogate(s)</i>										
13C2-4:2 FTS	40.8		ng/l	40.0		102	50-200			
13C2-6:2 FTS	42.1		ng/l	40.0		105	50-200			
13C2-8:2 FTS	41.1		ng/l	40.0		103	50-200			
13C2-PFDoA	10.3		ng/l	10.0		103	50-200			
13C3-PFBS	11.6		ng/l	10.0		116	50-200			
13C3-PFHxS	11.5		ng/l	10.0		115	50-200			
13C4-PFBA	9.89		ng/l	10.0		99	50-200			
13C4-PFHpA	10.3		ng/l	10.0		103	50-200			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Quality Control Results

(Continued)

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W3D2129 - EPA 533 (Continued)									
LCS (W3D2129-BS1)					Prepared: 04/24/23 Analyzed: 04/27/23				
<i>Surrogate(s)</i>									
13C5-PFHxA	9.90		ng/l	10.0		99 50-200			
13C5-PFPeA	10.1		ng/l	10.0		101 50-200			
13C6-PFDA	10.7		ng/l	10.0		107 50-200			
13C7-PFUnA	10.1		ng/l	10.0		101 50-200			
13C8-PFOA	10.8		ng/l	10.0		108 50-200			
13C8-PFOS	11.4		ng/l	10.0		114 50-200			
13C9-PFNA	10.7		ng/l	10.0		107 50-200			
HFPO-DA-13C3	9.76		ng/l	10.0		98 50-200			
LCS Dup (W3D2129-BSD1)					Prepared: 04/24/23 Analyzed: 04/27/23				
11CI-PF3OUdS	1.88	2.0	ng/l	2.00		94 70-130	4	30	
4:2 FTS	2.76	2.0	ng/l	2.00		138 70-130	18	30	Q-08
6:2 FTS	2.29	2.0	ng/l	2.00		114 70-130	12	30	
8:2 FTS	1.78	2.0	ng/l	2.00		89 70-130	6	30	
9CI-PF3ONS	2.02	2.0	ng/l	2.00		101 70-130	13	30	
ADONA	2.01	2.0	ng/l	2.00		101 70-130	3	30	
HFPO-DA	2.12	2.0	ng/l	2.00		106 70-130	4	30	
NFDHA	2.14	2.0	ng/l	2.00		107 70-130	12	30	
PFBA	2.46	2.0	ng/l	2.00		123 70-130	8	30	
PFBS	2.18	2.0	ng/l	2.00		109 70-130	1	30	
PFDA	2.00	2.0	ng/l	2.00		100 70-130	3	30	
PFDoA	1.74	2.0	ng/l	2.00		87 70-130	0.8	30	
PFEESA	2.03	2.0	ng/l	2.00		101 70-130	1	30	
PFHpA	2.05	2.0	ng/l	2.00		102 70-130	11	30	
PFHpS	2.28	2.0	ng/l	2.00		114 70-130	7	30	
PFHxA	1.83	2.0	ng/l	2.00		92 70-130	8	30	
PFHxS	2.10	2.0	ng/l	2.00		105 70-130	15	30	
PFMBA	1.79	2.0	ng/l	2.00		90 70-130	2	30	
PFMPA	2.17	2.0	ng/l	2.00		109 70-130	2	30	
PFNA	2.13	2.0	ng/l	2.00		106 70-130	1	30	
PFOA	2.10	2.0	ng/l	2.00		105 70-130	2	30	
PFOS	2.01	2.0	ng/l	2.00		100 70-130	5	30	
PFPeA	1.87	2.0	ng/l	2.00		94 70-130	5	30	
PFPeS	2.09	2.0	ng/l	2.00		104 70-130	0.6	30	
PFUnA	1.72	2.0	ng/l	2.00		86 70-130	6	30	
<i>Surrogate(s)</i>									
13C2-4:2 FTS	39.5		ng/l	40.0		99 50-200			
13C2-6:2 FTS	42.8		ng/l	40.0		107 50-200			
13C2-8:2 FTS	40.6		ng/l	40.0		102 50-200			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Per- and Polyfluorinated Alkyl Substances (PFAS) by LC-MS/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D2129 - EPA 533 (Continued)										
LCS Dup (W3D2129-BSD1)										
Prepared: 04/24/23 Analyzed: 04/27/23										
<i>Surrogate(s)</i>										
13C2-PFDoA	10.2		ng/l	10.0		102	50-200			
13C3-PFBS	11.7		ng/l	10.0		117	50-200			
13C3-PFHxS	11.7		ng/l	10.0		117	50-200			
13C4-PFBA	10.2		ng/l	10.0		102	50-200			
13C4-PFHpA	10.1		ng/l	10.0		101	50-200			
13C5-PFHxA	9.97		ng/l	10.0		100	50-200			
13C5-PFPeA	10.4		ng/l	10.0		104	50-200			
13C6-PFDA	10.8		ng/l	10.0		108	50-200			
13C7-PFUhA	10.2		ng/l	10.0		102	50-200			
13C8-PFOA	10.5		ng/l	10.0		105	50-200			
13C8-PFOS	11.0		ng/l	10.0		110	50-200			
13C9-PFNA	10.7		ng/l	10.0		107	50-200			
HFPO-DA-13C3	9.81		ng/l	10.0		98	50-200			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Volatile Organic Compounds by P&T and GC/MS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2										
Blank (W3D0062-BLK1)										
Prepared & Analyzed: 04/03/23										
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l							
1,1,1-Trichloroethane	ND	0.50	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l							
1,1,2-Trichloroethane	ND	0.50	ug/l							
1,1-Dichloroethane	ND	0.50	ug/l							
1,1-Dichloroethene	ND	0.50	ug/l							
1,1-Dichloropropene	ND	0.50	ug/l							
1,2,3-Trichlorobenzene	ND	0.50	ug/l							
1,2,4-Trichlorobenzene	ND	0.50	ug/l							
1,2,4-Trimethylbenzene	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
1,2-Dichloropropane	ND	0.50	ug/l							
1,3,5-Trimethylbenzene	ND	0.50	ug/l							
1,3-Dichloropropane	ND	0.50	ug/l							
1,3-Dichloropropene, Total	ND	0.50	ug/l							
2,2-Dichloropropane	ND	0.50	ug/l							
2-Butanone	ND	5.0	ug/l							
2-Chlorotoluene	ND	0.50	ug/l							
2-Hexanone	ND	5.0	ug/l							
4-Chlorotoluene	ND	0.50	ug/l							
4-Methyl-2-pentanone	ND	5.0	ug/l							
Benzene	ND	0.50	ug/l							
Bromobenzene	ND	0.50	ug/l							
Bromochloromethane	ND	0.50	ug/l							
Bromodichloromethane	ND	0.50	ug/l							
Bromoform	ND	0.50	ug/l							
Bromomethane	ND	0.50	ug/l							
Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	0.50	ug/l							
Chloroethane	ND	0.50	ug/l							
Chloroform	ND	0.50	ug/l							
Chloromethane	ND	0.50	ug/l							
cis-1,2-Dichloroethene	ND	0.50	ug/l							
cis-1,3-Dichloropropene	ND	0.50	ug/l							
Dibromochloromethane	ND	0.50	ug/l							
Dibromomethane	ND	0.50	ug/l							
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l							
Di-isopropyl ether	ND	2.0	ug/l							
Ethyl tert-butyl ether	ND	2.0	ug/l							

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Volatile Organic Compounds by P&T and GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2 (Continued)										
Blank (W3D0062-BLK1)				Prepared & Analyzed: 04/03/23						
Ethylbenzene	ND	0.50	ug/l							
Freon 113	ND	5.0	ug/l							
Hexachlorobutadiene	ND	0.50	ug/l							
Isopropylbenzene	ND	0.50	ug/l							
m,p-Xylene	ND	0.50	ug/l							
m-Dichlorobenzene	ND	0.50	ug/l							
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l							
Methylene chloride	ND	0.50	ug/l							
Naphthalene	ND	0.50	ug/l							
n-Butylbenzene	ND	0.50	ug/l							
n-Propylbenzene	ND	0.50	ug/l							
o-Dichlorobenzene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
p-Dichlorobenzene	ND	0.50	ug/l							
p-Isopropyltoluene	ND	0.50	ug/l							
sec-Butylbenzene	ND	0.50	ug/l							
Styrene	ND	0.50	ug/l							
Tert-amyl methyl ether	ND	2.0	ug/l							
tert-Butylbenzene	ND	0.50	ug/l							
Tetrachloroethene	ND	0.50	ug/l							
THMs, Total	ND	2.0	ug/l							
Toluene	ND	0.50	ug/l							
trans-1,2-Dichloroethene	ND	0.50	ug/l							
trans-1,3-Dichloropropene	ND	0.50	ug/l							
Trichloroethene	ND	0.50	ug/l							
Trichlorofluoromethane	ND	0.50	ug/l							
Vinyl chloride	ND	0.50	ug/l							
Xylenes, Total	ND	0.50	ug/l							
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	9.53		ug/l	10.0		95	70-130			
4-Bromofluorobenzene	9.41		ug/l	10.0		94	70-130			
LCS (W3D0062-BS1)				Prepared & Analyzed: 04/03/23						
1,1,1,2-Tetrachloroethane	5.14	0.50	ug/l	5.00		103	70-130			
1,1,1-Trichloroethane	5.10	0.50	ug/l	5.00		102	70-130			
1,1,2,2-Tetrachloroethane	4.83	0.50	ug/l	5.00		97	70-130			
1,1,2-Trichloroethane	4.82	0.50	ug/l	5.00		96	70-130			
1,1-Dichloroethane	4.98	0.50	ug/l	5.00		100	70-130			
1,1-Dichloroethene	4.98	0.50	ug/l	5.00		100	70-130			
1,1-Dichloropropene	5.08	0.50	ug/l	5.00		102	70-130			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:

05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Volatile Organic Compounds by P&T and GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2 (Continued)										
LCS (W3D0062-BS1)				Prepared & Analyzed: 04/03/23						
1,2,3-Trichlorobenzene	4.79	0.50	ug/l	5.00		96	70-130			
1,2,4-Trichlorobenzene	4.72	0.50	ug/l	5.00		94	70-130			
1,2,4-Trimethylbenzene	5.42	0.50	ug/l	5.00		108	70-130			
1,2-Dichloroethane	4.76	0.50	ug/l	5.00		95	70-130			
1,2-Dichloropropane	4.78	0.50	ug/l	5.00		96	70-130			
1,3,5-Trimethylbenzene	5.38	0.50	ug/l	5.00		108	70-130			
1,3-Dichloropropane	4.94	0.50	ug/l	5.00		99	70-130			
2,2-Dichloropropane	5.03	0.50	ug/l	5.00		101	70-130			
2-Butanone	4.51	5.0	ug/l	5.00		90	70-130			
2-Chlorotoluene	5.21	0.50	ug/l	5.00		104	70-130			
2-Hexanone	4.48	5.0	ug/l	5.00		90	70-130			
4-Chlorotoluene	5.12	0.50	ug/l	5.00		102	70-130			
4-Methyl-2-pentanone	4.46	5.0	ug/l	5.00		89	70-130			
Benzene	4.84	0.50	ug/l	5.00		97	70-130			
Bromobenzene	4.88	0.50	ug/l	5.00		98	70-130			
Bromochloromethane	4.98	0.50	ug/l	5.00		100	70-130			
Bromodichloromethane	5.00	0.50	ug/l	5.00		100	70-130			
Bromoform	5.17	0.50	ug/l	5.00		103	70-130			
Bromomethane	4.37	0.50	ug/l	5.00		87	70-130			
Carbon tetrachloride	5.37	0.50	ug/l	5.00		107	70-130			
Chlorobenzene	4.96	0.50	ug/l	5.00		99	70-130			
Chloroethane	4.67	0.50	ug/l	5.00		93	70-130			
Chloroform	5.09	0.50	ug/l	5.00		102	70-130			
Chloromethane	4.56	0.50	ug/l	5.00		91	70-130			
cis-1,2-Dichloroethene	4.81	0.50	ug/l	5.00		96	70-130			
cis-1,3-Dichloropropene	4.74	0.50	ug/l	5.00		95	70-130			
Dibromochloromethane	5.07	0.50	ug/l	5.00		101	70-130			
Dibromomethane	4.86	0.50	ug/l	5.00		97	70-130			
Dichlorodifluoromethane (Freon 12)	4.99	0.50	ug/l	5.00		100	70-130			
Di-isopropyl ether	20.0	2.0	ug/l	20.0		100	70-130			
Ethyl tert-butyl ether	19.7	2.0	ug/l	20.0		98	70-130			
Ethylbenzene	5.13	0.50	ug/l	5.00		103	70-130			
Freon 113	5.27	5.0	ug/l	5.00		105	70-130			
Hexachlorobutadiene	4.72	0.50	ug/l	5.00		94	70-130			
Isopropylbenzene	5.21	0.50	ug/l	5.00		104	70-130			
m,p-Xylene	5.40	0.50	ug/l	5.00		108	70-130			
m-Dichlorobenzene	5.05	0.50	ug/l	5.00		101	70-130			
Methyl tert-butyl ether (MTBE)	19.3	2.0	ug/l	20.0		97	70-130			
Methylene chloride	4.84	0.50	ug/l	5.00		97	70-130			

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Quality Control Results

(Continued)

Volatile Organic Compounds by P&T and GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2 (Continued)										
LCS (W3D0062-BS1)				Prepared & Analyzed: 04/03/23						
Naphthalene	4.56	0.50	ug/l	5.00		91	70-130			
n-Butylbenzene	4.98	0.50	ug/l	5.00		100	70-130			
n-Propylbenzene	5.40	0.50	ug/l	5.00		108	70-130			
o-Dichlorobenzene	4.86	0.50	ug/l	5.00		97	70-130			
o-Xylene	5.06	0.50	ug/l	5.00		101	70-130			
p-Dichlorobenzene	4.99	0.50	ug/l	5.00		100	70-130			
p-Isopropyltoluene	5.28	0.50	ug/l	5.00		106	70-130			
sec-Butylbenzene	5.50	0.50	ug/l	5.00		110	70-130			
Styrene	5.44	0.50	ug/l	5.00		109	70-130			
Tert-amyl methyl ether	21.0	2.0	ug/l	20.0		105	70-130			
tert-Butylbenzene	5.34	0.50	ug/l	5.00		107	70-130			
Tetrachloroethene	5.11	0.50	ug/l	5.00		102	70-130			
Toluene	5.31	0.50	ug/l	5.00		106	70-130			
trans-1,2-Dichloroethene	4.90	0.50	ug/l	5.00		98	70-130			
trans-1,3-Dichloropropene	4.65	0.50	ug/l	5.00		93	70-130			
Trichloroethene	5.03	0.50	ug/l	5.00		101	70-130			
Trichlorofluoromethane	5.18	0.50	ug/l	5.00		104	70-130			
Vinyl chloride	4.86	0.50	ug/l	5.00		97	70-130			
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	10.0		ug/l	10.0		100	70-130			
4-Bromofluorobenzene	9.76		ug/l	10.0		98	70-130			
LCS Dup (W3D0062-BS1)				Prepared & Analyzed: 04/03/23						
1,1,1,2-Tetrachloroethane	4.67	0.50	ug/l	5.00		93	70-130	10	30	
1,1,1-Trichloroethane	4.53	0.50	ug/l	5.00		91	70-130	12	30	
1,1,2,2-Tetrachloroethane	4.49	0.50	ug/l	5.00		90	70-130	7	30	
1,1,2-Trichloroethane	4.56	0.50	ug/l	5.00		91	70-130	5	30	
1,1-Dichloroethane	4.46	0.50	ug/l	5.00		89	70-130	11	30	
1,1-Dichloroethene	4.44	0.50	ug/l	5.00		89	70-130	12	30	
1,1-Dichloropropene	4.47	0.50	ug/l	5.00		89	70-130	13	30	
1,2,3-Trichlorobenzene	4.56	0.50	ug/l	5.00		91	70-130	5	30	
1,2,4-Trichlorobenzene	4.46	0.50	ug/l	5.00		89	70-130	6	30	
1,2,4-Trimethylbenzene	4.98	0.50	ug/l	5.00		100	70-130	8	30	
1,2-Dichloroethane	4.61	0.50	ug/l	5.00		92	70-130	3	30	
1,2-Dichloropropane	4.44	0.50	ug/l	5.00		89	70-130	7	30	
1,3,5-Trimethylbenzene	4.87	0.50	ug/l	5.00		97	70-130	10	30	
1,3-Dichloropropane	4.67	0.50	ug/l	5.00		93	70-130	6	30	
2,2-Dichloropropane	4.48	0.50	ug/l	5.00		90	70-130	12	30	
2-Butanone	4.89	5.0	ug/l	5.00		98	70-130	8	30	
2-Chlorotoluene	4.80	0.50	ug/l	5.00		96	70-130	8	30	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

Quality Control Results

(Continued)

Volatile Organic Compounds by P&T and GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2 (Continued)										
LCS Dup (W3D0062-BSD1)				Prepared & Analyzed: 04/03/23						
2-Hexanone	4.23	5.0	ug/l	5.00		85	70-130	6	30	
4-Chlorotoluene	4.73	0.50	ug/l	5.00		95	70-130	8	30	
4-Methyl-2-pentanone	4.25	5.0	ug/l	5.00		85	70-130	5	30	
Benzene	4.38	0.50	ug/l	5.00		88	70-130	10	30	
Bromobenzene	4.55	0.50	ug/l	5.00		91	70-130	7	30	
Bromochloromethane	4.56	0.50	ug/l	5.00		91	70-130	9	30	
Bromodichloromethane	4.63	0.50	ug/l	5.00		93	70-130	8	30	
Bromoform	4.71	0.50	ug/l	5.00		94	70-130	9	30	
Bromomethane	4.00	0.50	ug/l	5.00		80	70-130	9	30	
Carbon tetrachloride	4.60	0.50	ug/l	5.00		92	70-130	15	30	
Chlorobenzene	4.63	0.50	ug/l	5.00		93	70-130	7	30	
Chloroethane	4.10	0.50	ug/l	5.00		82	70-130	13	30	
Chloroform	4.64	0.50	ug/l	5.00		93	70-130	9	30	
Chloromethane	4.36	0.50	ug/l	5.00		87	70-130	4	30	
cis-1,2-Dichloroethene	4.51	0.50	ug/l	5.00		90	70-130	7	30	
cis-1,3-Dichloropropene	4.43	0.50	ug/l	5.00		89	70-130	7	30	
Dibromochloromethane	4.63	0.50	ug/l	5.00		93	70-130	9	30	
Dibromomethane	4.50	0.50	ug/l	5.00		90	70-130	8	30	
Dichlorodifluoromethane (Freon 12)	4.43	0.50	ug/l	5.00		89	70-130	12	30	
Di-isopropyl ether	18.9	2.0	ug/l	20.0		94	70-130	6	30	
Ethyl tert-butyl ether	18.3	2.0	ug/l	20.0		92	70-130	7	30	
Ethylbenzene	4.68	0.50	ug/l	5.00		94	70-130	9	30	
Freon 113	4.52	5.0	ug/l	5.00		90	70-130	15	30	
Hexachlorobutadiene	4.26	0.50	ug/l	5.00		85	70-130	10	30	
Isopropylbenzene	4.70	0.50	ug/l	5.00		94	70-130	10	30	
m,p-Xylene	4.93	0.50	ug/l	5.00		99	70-130	9	30	
m-Dichlorobenzene	4.71	0.50	ug/l	5.00		94	70-130	7	30	
Methyl tert-butyl ether (MTBE)	18.5	2.0	ug/l	20.0		92	70-130	4	30	
Methylene chloride	4.48	0.50	ug/l	5.00		90	70-130	8	30	
Naphthalene	4.39	0.50	ug/l	5.00		88	70-130	4	30	
n-Butylbenzene	4.51	0.50	ug/l	5.00		90	70-130	10	30	
n-Propylbenzene	4.92	0.50	ug/l	5.00		98	70-130	9	30	
o-Dichlorobenzene	4.58	0.50	ug/l	5.00		92	70-130	6	30	
o-Xylene	4.67	0.50	ug/l	5.00		93	70-130	8	30	
p-Dichlorobenzene	4.67	0.50	ug/l	5.00		93	70-130	7	30	
p-Isopropyltoluene	4.82	0.50	ug/l	5.00		96	70-130	9	30	
sec-Butylbenzene	4.95	0.50	ug/l	5.00		99	70-130	10	30	
Styrene	5.02	0.50	ug/l	5.00		100	70-130	8	30	
Tert-amyl methyl ether	19.6	2.0	ug/l	20.0		98	70-130	7	30	

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/02/2023 09:18

Project Manager: Charlene King

(Continued)

Quality Control Results

Volatile Organic Compounds by P&T and GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W3D0062 - EPA 524.2 (Continued)										
LCS Dup (W3D0062-BSD1)				Prepared & Analyzed: 04/03/23						
tert-Butylbenzene	4.80	0.50	ug/l	5.00		96	70-130	11	30	
Tetrachloroethene	4.55	0.50	ug/l	5.00		91	70-130	11	30	
Toluene	4.82	0.50	ug/l	5.00		96	70-130	10	30	
trans-1,2-Dichloroethene	4.49	0.50	ug/l	5.00		90	70-130	9	30	
trans-1,3-Dichloropropene	4.31	0.50	ug/l	5.00		86	70-130	8	30	
Trichloroethene	4.52	0.50	ug/l	5.00		90	70-130	11	30	
Trichlorofluoromethane	4.51	0.50	ug/l	5.00		90	70-130	14	30	
Vinyl chloride	4.38	0.50	ug/l	5.00		88	70-130	11	30	
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	10.2		ug/l	10.0		102	70-130			
4-Bromofluorobenzene	9.94		ug/l	10.0		99	70-130			

Water Replenishment District
 4040 Paramount Blvd.
 Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
 05/02/2023 09:18

Notes and Definitions

Item	Definition
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

14859 East Clark Avenue : Industry : CA 91745
Tel 626-336-2139 ♦ Fax 626-336-2634 ♦ www.wecklabs.com

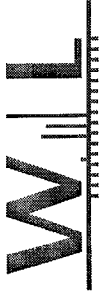
CHAIN OF CUSTODY RECORD

Work Order # ~~XXXXXX~~ **3031011**

Page 1 Of 1

CLIENT NAME: Water Replenishment District				PROJECT: City of Paramount			<table border="1"> <tr> <td>524.2 VOCS</td> <td>EPA 522- 1,4 Dioxane</td> <td>EPA 533</td> <td>EPA 200.8 Mn</td> <td>EPA 200.8 As</td> <td>EPA 524M SRL 1,2,3-TCP</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						524.2 VOCS	EPA 522- 1,4 Dioxane	EPA 533	EPA 200.8 Mn	EPA 200.8 As	EPA 524M SRL 1,2,3-TCP						SPECIAL HANDLING <input type="checkbox"/> Same Day Rush 150% <input type="checkbox"/> 24 Hour Rush 100% <input type="checkbox"/> 48-72 Hour Rush 75% <input type="checkbox"/> 4 - 5 Day Rush 30% <input type="checkbox"/> Rush Extractions 50% <input type="checkbox"/> 10 - 15 Business Days <input type="checkbox"/> QA/QC Data Package Charges will apply for weekends/holidays	
524.2 VOCS	EPA 522- 1,4 Dioxane	EPA 533	EPA 200.8 Mn	EPA 200.8 As	EPA 524M SRL 1,2,3-TCP																				
ADDRESS: 4040 Parmount Blvd Lakewood, Ca 90712				PHONE: 562-921-5521 FAX: EMAIL: cking@wrdd.org									Method of Shipment:		COMMENTS										
PROJECT MANAGER: Charlene King				SAMPLER: Weck - <i>ALLAN</i>																					
WTX IDs	DATE SAMPLED	TIME SAMPLED	SMPL TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	524.2 VOCS	EPA 522- 1,4 Dioxane	EPA 533	EPA 200.8 Mn	EPA 200.8 As	EPA 524M SRL 1,2,3-TCP														
3DEB1	04/03/23	1015	GW	Well 14 CA1910105_016_016	8	x	x	x	x									Fld Temp 17.1°							
	04/03/23		FB	Well 14 - FRB	1			x																	
3DEB2	04/03/23	1040	GW	Well 15 (Pre) CA1910105_025_025	8	x		x	x	x								Fld Temp 19.1°							
	04/03/23		FB	Well 15 (Pre) - FRB	1			x																	
3DEB3	04/03/23	1050	GW	Well 15 (Effluent) CA1910105_027_027	8	x		x	x	x								Fld Temp 19.6°							
	04/03/23		FB	Well 15 (Effluent) - FRB	1			x																	
	04/03/23		TB	Travel Blank	1	x																			

RELINQUISHED BY <i>ALLAN</i>	DATE / TIME 4/3/23 1355	RECEIVED BY	SAMPLE CONDITION Actual Temperature: 4.0°C WET ICE Received On Ice <input checked="" type="checkbox"/> / N Preserved <input checked="" type="checkbox"/> / N Evidence Seals Present Y / <input checked="" type="checkbox"/> Container Attacked Y / <input checked="" type="checkbox"/> Preserved at Lab Y / <input checked="" type="checkbox"/> T-0279	SAMPLE TYPE CODE: AQ=Aqueous NA= Non Aqueous SL = Sludge DW = Drinking Water WW = Waste Water RW = Rain Water GW = Ground Water SO = Soil SW = Solid Waste OL = Oil OT = Other Matrix
RELINQUISHED BY	DATE / TIME 4/3/23 1355	RECEIVED BY <i>Perce</i>		
RELINQUISHED BY	DATE / TIME	RECEIVED BY		



WECK LABORATORIES, INC.

Sample Receipt Checklist

Weck WKO: 3C31011

Date/Time Received: 04/03/23 @ 13:55

WKO Logged by: Rey Edrosa

of Samples: 7

Samples Checked by: Rey Edrosa

Delivered by: Allan

Task	Yes	No	N/A	Comments
COC present at receipt?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
COC properly completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
COC matches sample labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Project Manager notified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sample Temperature				4.0°C
Samples received on ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Ice Type (Blue/Wet)				Wet
All samples intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Samples in proper containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Sufficient sample volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Project Manager notified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sample labels checked for correct preservation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VOC Headspace: (No) none, If Yes (See comment) 524.2, 524.3, 624.1, 8260, 1666 P/T, LUFT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <6mm/Pea size?
pH verified upon receipt?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	pH paper Lot#
Metals <2; H2SO4 pres tests <2; 522<4; TOC <2; 508.1, 525.2<2; 6710B<2; 608.3 5-9				
Free Chlorine Tested <0.1 (Organics Analyses)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cl Test Strip Lot#
O&G pH <2 verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	pH paper Lot#
pH adjusted for O&G	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	pH Reading: Acid Lot#
Project Manager notified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Amt added:

PM Comments

Sample Receipt Checklist Prepared by:

Signature: Rey Edrosa

Date: 04/03/23