

Work Orders: 4D05010

Project: City of Paramount

Attn: Charlene King

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

Report Date: 5/15/2024

Received Date: 4/8/2024

Turnaround Time: Normal

Phones: (562) 275-4252

Fax: (562) 921-6101

P.O. #:

Billing Code:

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143 • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

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. The report may include analytes that are not currently accreditable by some state agencies or accrediting bodies. This analytical report must be reproduced in its entirety.

Dear Charlene King,

Enclosed are the results of analyses for samples received 4/08/24 with the Chain-of-Custody document. The samples were received in good condition, at 6.8 °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:



Kenneth C. Oda For Valerie I. Ayo
Project Manager



Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Summary

| Sample Name | Sampled By | Lab ID | Matrix | Sampled | Qualifiers |
|--|----------------|------------|--------|----------------|------------|
| Well 14, RegID: CA1910105_016_016 | Carlos Navarro | 4D05010-01 | Water | 04/08/24 10:15 | |
| Well 14 Field Blank, RegID: CA1910105_016_016 | Carlos Navarro | 4D05010-02 | Water | 04/08/24 10:15 | |
| Well 15 Pre, RegID: CA1910105_025_025 | Carlos Navarro | 4D05010-03 | Water | 04/08/24 10:40 | |
| Well 15 Pre Field Blank, RegID: CA1910105_025_025 | Carlos Navarro | 4D05010-04 | Water | 04/08/24 10:40 | |
| Well 15 Effluent, RegID: CA1910105_027_027 | Carlos Navarro | 4D05010-05 | Water | 04/08/24 10:30 | |
| Well 15 Effluent Field Blank, RegID: CA1910105_027_027 | Carlos Navarro | 4D05010-06 | Water | 04/08/24 10:30 | |
| Travel Blank | Carlos Navarro | 4D05010-07 | Water | 04/08/24 00:00 | |

Analyses Accreditation Summary

| Analyte | CAS # | Not By ELAP-CA | Not By NELAP | Not ANAB ISO 17025 |
|---------------------------|------------|----------------|--------------|--------------------|
| [FIELD] in Water | | | | |
| Temperature, Degrees F | TEMPF | ⊗ | ⊗ | ⊗ |
| EPA 1613B in Water | | | | |
| 2,3,7,8-TCDD (Dioxin) | 1746-01-6 | | ⊗ | |
| EPA 508.1 in Water | | | | |
| Aldrin | 309-00-2 | ⊗ | | ⊗ |
| alpha-BHC | 319-84-6 | ⊗ | | ⊗ |
| beta-BHC | 319-85-7 | ⊗ | | ⊗ |
| delta-BHC | 319-86-8 | ⊗ | | ⊗ |
| gamma-BHC (Lindane) | 58-89-9 | | | ⊗ |
| 4,4'-DDD | 72-54-8 | ⊗ | | ⊗ |
| 4,4'-DDE | 72-55-9 | ⊗ | | ⊗ |
| 4,4'-DDT | 50-29-3 | ⊗ | | ⊗ |
| Dieldrin | 60-57-1 | ⊗ | | ⊗ |
| Endosulfan I | 959-98-8 | ⊗ | | ⊗ |
| Endosulfan II | 33213-65-9 | ⊗ | | ⊗ |
| Endosulfan sulfate | 1031-07-8 | ⊗ | | ⊗ |
| Endrin aldehyde | 7421-93-4 | ⊗ | | ⊗ |
| Chlorothalonil | 1897-45-6 | ⊗ | ⊗ | ⊗ |
| Trifluralin | 1582-09-8 | ⊗ | | ⊗ |
| Toxaphene | 8001-35-2 | | | ⊗ |
| PCBs, Total | | | | ⊗ |
| EPA 515.4 in Water | | | | |
| 3,5-Dichlorobenzoic acid | 51-36-5 | ⊗ | | ⊗ |
| Dichloroprop | 120-36-5 | ⊗ | | ⊗ |
| 2,4,5-T | 93-76-5 | ⊗ | | ⊗ |
| 2,4-DB | 94-82-6 | ⊗ | | ⊗ |
| DCPA | 1861-32-1 | ⊗ | | ⊗ |
| Acifluorfen | 50594-66-6 | ⊗ | | ⊗ |
| Chloramben | 133-90-4 | ⊗ | ⊗ | ⊗ |

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Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Analyses Accreditation Summary

(Continued)

| Analyte | CAS # | Not By ELAP-CA | Not By NELAP | Not ANAB ISO 17025 |
|----------------------------|------------|----------------|--------------|--------------------|
| EPA 524.2 in Water | | | | |
| Chloromethane | 74-87-3 | ⊗ | ⊗ | ⊗ |
| Bromomethane | 74-83-9 | ⊗ | | ⊗ |
| Chloroethane | 75-00-3 | ⊗ | | ⊗ |
| Di-isopropyl ether | 108-20-3 | ⊗ | | ⊗ |
| 2-Butanone | 78-93-3 | | | ⊗ |
| 2,2-Dichloropropane | 594-20-7 | ⊗ | | ⊗ |
| Bromochloromethane | 74-97-5 | ⊗ | | ⊗ |
| 1,1-Dichloropropene | 563-58-6 | ⊗ | | ⊗ |
| Dibromomethane | 74-95-3 | ⊗ | | ⊗ |
| 1,3-Dichloropropane | 142-28-9 | ⊗ | | ⊗ |
| 2-Hexanone | 591-78-6 | ⊗ | | ⊗ |
| Bromobenzene | 108-86-1 | ⊗ | | ⊗ |
| 1,3,5-Trimethylbenzene | 108-67-8 | | | ⊗ |
| p-Isopropyltoluene | 99-87-6 | ⊗ | ⊗ | ⊗ |
| Hexachlorobutadiene | 87-68-3 | ⊗ | | ⊗ |
| 1,3-Dichloropropene, Total | 542-75-6 | ⊗ | ⊗ | ⊗ |
| Acetone | 67-64-1 | ⊗ | | ⊗ |
| Acrylonitrile | 107-13-1 | ⊗ | | ⊗ |
| EPA 525.2 in Water | | | | |
| Bromacil | 314-40-9 | ⊗ | | ⊗ |
| Captan | 133-06-2 | ⊗ | ⊗ | ⊗ |
| Chlorpropham | 101-21-3 | ⊗ | | ⊗ |
| Diazinon | 333-41-5 | ⊗ | | ⊗ |
| Dimethoate | 60-51-5 | ⊗ | ⊗ | ⊗ |
| Diphenamid | 957-51-7 | ⊗ | | ⊗ |
| Disulfoton | 298-04-4 | ⊗ | | ⊗ |
| EPTC | 759-94-4 | ⊗ | | ⊗ |
| Metolachlor | 51218-45-2 | ⊗ | | ⊗ |
| Metribuzin | 21087-64-9 | ⊗ | | ⊗ |
| Prometryn | 7287-19-6 | ⊗ | | ⊗ |
| Terbacil | 5902-51-2 | ⊗ | | ⊗ |
| Trithion | 786-19-6 | ⊗ | ⊗ | ⊗ |
| EPA 531.2 in Water | | | | |
| Propoxur (Baygon) | 114-26-1 | ⊗ | | ⊗ |
| Methiocarb | 2032-65-7 | ⊗ | | ⊗ |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|---------------------------------|---------------------------------|--------|---------------------|----------|-----------|
| 1,4-Dioxane by SPE/GCMS SIM, EPA Method 522 | | | | | | |
| Method: EPA 522 | | Instr: GCMS20 | | | | |
| Batch ID: W4D0878 | Preparation: EPA 522/SPE | Prepared: 04/10/24 07:57 | | Analyst: mld | | |
| 1,4-Dioxane | 1.4 | 0.070 | ug/l | 1 | 04/14/24 | |
| <i>Surrogate(s)</i> | | | | | | |
| 1,4-Dioxane-d8 | 76% | Conc: 7.80 | 70-130 | | 04/14/24 | |

Chlorinated Acids Herbicides by GC/ECD

| | | | | | | |
|--------------------------|---|---------------------------------|--------|---------------------|----------|--|
| Method: EPA 515.4 | | Instr: GC08 | | | | |
| Batch ID: W4D0896 | Preparation: EPA 515.4/Micro Ext. Drtz | Prepared: 04/10/24 08:58 | | Analyst: alf | | |
| 2,4,5-T | ND | 0.20 | ug/l | 1 | 04/26/24 | |
| 2,4,5-TP (Silvex) | ND | 0.20 | ug/l | 1 | 04/26/24 | |
| 2,4-D | ND | 0.40 | ug/l | 1 | 04/26/24 | |
| 2,4-DB | ND | 2.0 | ug/l | 1 | 04/26/24 | |
| 3,5-Dichlorobenzoic acid | ND | 1.0 | ug/l | 1 | 04/26/24 | |
| Acifluorfen | ND | 0.40 | ug/l | 1 | 04/26/24 | |
| Bentazon | ND | 2.0 | ug/l | 1 | 04/26/24 | |
| Dalapon | ND | 0.40 | ug/l | 1 | 04/26/24 | |
| DCPA | ND | 0.10 | ug/l | 1 | 04/26/24 | |
| Dicamba | ND | 0.60 | ug/l | 1 | 04/26/24 | |
| Dichloroprop | ND | 0.30 | ug/l | 1 | 04/26/24 | |
| Dinoseb | ND | 0.40 | ug/l | 1 | 04/26/24 | |
| Pentachlorophenol | ND | 0.20 | ug/l | 1 | 04/26/24 | |
| Picloram | ND | 0.60 | ug/l | 1 | 04/26/24 | |
| <i>Surrogate(s)</i> | | | | | | |
| 2,4-DCAA | 97% | Conc: 9.72 | 70-130 | | 04/26/24 | |

Chlorinated Pesticides and/or PCBs by GC/ECD

| | | | | | | |
|--------------------------|-----------------------------------|---------------------------------|------|---------------------|----------|--|
| Method: EPA 508.1 | | Instr: GC08 | | | | |
| Batch ID: W4D1770 | Preparation: EPA 508.1/SPE | Prepared: 04/22/24 07:38 | | Analyst: alf | | |
| 4,4'-DDD | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| 4,4'-DDE | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| 4,4'-DDT | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Aldrin | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| alpha-BHC | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Aroclor 1016 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Aroclor 1221 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Aroclor 1232 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Aroclor 1242 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Aroclor 1248 | ND | 0.10 | ug/l | 1 | 04/30/24 | |

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Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

Method: EPA 508.1

Instr: GC08

Batch ID: W4D1770

Preparation: EPA 508.1/SPE

Prepared: 04/22/24 07:38

Analyst: alf

| | | | | | | |
|---------------------------|----|-------|------|---|----------|--|
| Aroclor 1254 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Aroclor 1260 | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| beta-BHC | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Chlordane (tech) | ND | 0.10 | ug/l | 1 | 04/30/24 | |
| Chlorothalonil | ND | 0.050 | ug/l | 1 | 04/30/24 | |
| delta-BHC | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Dieldrin | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Endosulfan I | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Endosulfan II | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Endosulfan sulfate | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Endrin | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Endrin aldehyde | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| gamma-BHC (Lindane) | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Heptachlor | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Heptachlor epoxide | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| Hexachlorobenzene | ND | 0.050 | ug/l | 1 | 04/30/24 | |
| Hexachlorocyclopentadiene | ND | 0.20 | ug/l | 1 | 04/30/24 | |
| Methoxychlor | ND | 0.010 | ug/l | 1 | 04/30/24 | |
| PCBs, Total | ND | 0.50 | ug/l | 1 | 04/30/24 | |
| Propachlor | ND | 0.20 | ug/l | 1 | 04/30/24 | |
| Toxaphene | ND | 1.0 | ug/l | 1 | 04/30/24 | |
| Trifluralin | ND | 0.010 | ug/l | 1 | 04/30/24 | |

Surrogate(s)

| | | | | | | |
|---------------------|------|-------------|--------|--|----------|--|
| 4,4-Dibromobiphenyl | 125% | Conc: 0.120 | 70-130 | | 04/30/24 | |
|---------------------|------|-------------|--------|--|----------|--|

Diquat and Paraquat by EPA 549.2

Method: EPA 549.2

Instr: LC10

Batch ID: W4D0874

Preparation: EPA 549.2/SPE

Prepared: 04/10/24 12:00

Analyst: cam

| | | | | | | |
|--------|----|-----|------|---|----------|-------|
| Diquat | ND | 4.0 | ug/l | 1 | 04/16/24 | BS-03 |
|--------|----|-----|------|---|----------|-------|

Endothall By EPA 548.1

Method: EPA 548.1

Instr: GCMS06

Batch ID: W4D0876

Preparation: EPA 548.1/SPE

Prepared: 04/10/24 07:51

Analyst: rmr

| | | | | | | |
|-----------|----|----|------|---|----------|--|
| Endothall | ND | 45 | ug/l | 1 | 04/16/24 | |
|-----------|----|----|------|---|----------|--|

Field Data Collected by Weck Laboratories

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---|--|---------------------------------|-------|-----------------------|----------------|-----------|
| Field Data Collected by Weck Laboratories (Continued) | | | | | | |
| Method: [FIELD] | | Instr: _FIELD | | | | |
| Batch ID: W4D0859 | Preparation: *** DEFAULT PREP *** | Prepared: 04/08/24 10:15 | | Analyst: _clnt | | |
| Temperature, Degrees F | 61.6 | | °F | 1 | 04/08/24 10:15 | |
| Glyphosate by EPA 547 | | | | | | |
| Method: EPA 547 | | Instr: LC11 | | | | |
| Batch ID: W4D1203 | Preparation: _NONE (LC) | Prepared: 04/14/24 09:37 | | Analyst: cam | | |
| Glyphosate | ND | 5.0 | ug/l | 1 | 04/14/24 | |
| Low Level 1,2,3-TCP by SRL Method, P&T, GC/MS SIM | | | | | | |
| Method: SRL 524M-TCP | | Instr: GCMS12 | | | | |
| Batch ID: W4D0595 | Preparation: EPA 5030B | Prepared: 04/08/24 10:52 | | Analyst: JAN | | |
| 1,2,3-Trichloropropane | ND | 0.0050 | ug/l | 1 | 04/09/24 | |
| Metals by EPA 200 Series Methods | | | | | | |
| Method: EPA 200.8 | | Instr: ICPMS04 | | | | |
| Batch ID: W4D0747 | Preparation: EPA 200.2 | Prepared: 04/09/24 16:50 | | Analyst: dak | | |
| Manganese, Total | 11 | 1.0 | ug/l | 1 | 04/15/24 | |
| Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS | | | | | | |
| Method: EPA 533 | | Instr: LCMS06 | | | | |
| Batch ID: W4D1960 | Preparation: EPA 533/SPE | Prepared: 04/23/24 13:51 | | Analyst: JNA | | |
| 11CI-PF3OUdS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| 4:2 FTS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| 6:2 FTS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| 8:2 FTS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| 9CI-PF3ONS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| ADONA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| HFPO-DA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| NFDHA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFBA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFBS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFDA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFDoA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFEESA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFHpA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFHpS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFHxA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFHxS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFMBA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFMPA | ND | 2.0 | ng/l | 1 | 04/25/24 | |

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05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(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: W4D1960

Preparation: EPA 533/SPE

Prepared: 04/23/24 13:51

Analyst: JNA

| | | | | | | |
|-------------|------------|-----|------|---|----------|--|
| PFNA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFOA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFOS | 5.0 | 2.0 | ng/l | 1 | 04/25/24 | |
| PFPeA | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFPeS | ND | 2.0 | ng/l | 1 | 04/25/24 | |
| PFUnA | ND | 2.0 | ng/l | 1 | 04/25/24 | |

Surrogate(s)

| | | | | | | |
|--------------|------|------------|--------|--|----------|--|
| 13C2-4:2 FTS | 83% | Conc: 31.4 | 50-200 | | 04/25/24 | |
| 13C2-6:2 FTS | 95% | Conc: 36.0 | 50-200 | | 04/25/24 | |
| 13C2-8:2 FTS | 96% | Conc: 36.1 | 50-200 | | 04/25/24 | |
| 13C2-PFDoA | 109% | Conc: 10.3 | 50-200 | | 04/25/24 | |
| 13C3-PFBS | 106% | Conc: 10.0 | 50-200 | | 04/25/24 | |
| 13C3-PFHxS | 105% | Conc: 9.90 | 50-200 | | 04/25/24 | |
| 13C4-PFBA | 112% | Conc: 10.6 | 50-200 | | 04/25/24 | |
| 13C4-PFHpA | 107% | Conc: 10.1 | 50-200 | | 04/25/24 | |
| 13C5-PFHxA | 107% | Conc: 10.1 | 50-200 | | 04/25/24 | |
| 13C5-PFPeA | 114% | Conc: 10.8 | 50-200 | | 04/25/24 | |
| 13C6-PFDA | 104% | Conc: 9.81 | 50-200 | | 04/25/24 | |
| 13C7-PFUnA | 101% | Conc: 9.56 | 50-200 | | 04/25/24 | |
| 13C8-PFOA | 108% | Conc: 10.2 | 50-200 | | 04/25/24 | |
| 13C8-PFOS | 105% | Conc: 9.89 | 50-200 | | 04/25/24 | |
| 13C9-PFNA | 107% | Conc: 10.1 | 50-200 | | 04/25/24 | |
| HFPO-DA-13C3 | 104% | Conc: 9.83 | 50-200 | | 04/25/24 | |

Semivolatile Organic Compounds by GC/MS

Method: EPA 525.2

Instr: GCMS16

Batch ID: W4D1449

Preparation: EPA 525.2/SPE

Prepared: 04/17/24 07:49

Analyst: rmr

| | | | | | | |
|----------------------------|----|------|------|---|----------|--|
| Alachlor | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Atrazine | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Benzo (a) pyrene | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Bis(2-ethylhexyl)adipate | ND | 5.0 | ug/l | 1 | 05/08/24 | |
| Bis(2-ethylhexyl)phthalate | ND | 3.0 | ug/l | 1 | 05/08/24 | |
| Bromacil | ND | 0.50 | ug/l | 1 | 05/08/24 | |
| Butachlor | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Captan | ND | 1.0 | ug/l | 1 | 05/08/24 | |
| Chlorpropham | ND | 0.10 | ug/l | 1 | 05/08/24 | |

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4040 Paramount Blvd.
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Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

Semivolatile Organic Compounds by GC/MS (Continued)

Method: EPA 525.2

Instr: GCMS16

Batch ID: W4D1449

Preparation: EPA 525.2/SPE

Prepared: 04/17/24 07:49

Analyst: rmr

| | | | | | | |
|---------------------------|----|------|------|---|----------|------|
| Diazinon | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Dimethoate | ND | 0.20 | ug/l | 1 | 05/08/24 | |
| Diphenamid | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Disulfoton | ND | 0.20 | ug/l | 1 | 05/08/24 | |
| EPTC | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Hexachlorocyclopentadiene | ND | 1.0 | ug/l | 1 | 05/08/24 | |
| Metolachlor | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Metribuzin | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Molinate | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Prometryn | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Simazine | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Terbacil | ND | 2.0 | ug/l | 1 | 05/08/24 | Q-02 |
| Thiobencarb | ND | 0.10 | ug/l | 1 | 05/08/24 | |
| Trithion | ND | 0.10 | ug/l | 1 | 05/08/24 | |

Surrogate(s)

| | | | | |
|-----------------------------|------|------------|--------|----------|
| 1,3-Dimethyl-2-nitrobenzene | 109% | Conc: 5.21 | 70-130 | 05/08/24 |
| Perylene-d12 | 91% | Conc: 4.37 | 50-120 | 05/08/24 |
| Triphenyl phosphate | 100% | Conc: 4.82 | 70-130 | 05/08/24 |

Semivolatile Organics - Low Level by Tandem GC/MS/MS

Method: EPA 1613B

Instr: GCMS15

Batch ID: W4D1123

Preparation: EPA 3510C

Prepared: 04/12/24 09:12

Analyst: AJC

| | | | | | |
|-----------------------|----|------|------|---|----------|
| 2,3,7,8-TCDD (Dioxin) | ND | 5.00 | pg/l | 1 | 05/02/24 |
|-----------------------|----|------|------|---|----------|

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2

Instr: GCMS08

Batch ID: W4D1105

Preparation: EPA 5030B

Prepared: 04/12/24 07:20

Analyst: ADM

| | | | | | |
|---------------------------|----|------|------|---|----------|
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1,1-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1,2-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,1-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,2,3-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,2,4-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 |
| 1,2,4-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 |

4D05010

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Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|-------------------------------|---------------------------------|-------|---------------------|----------|-----------|
| Volatile Organic Compounds by P&T and GC/MS (Continued) | | | | | | |
| Method: EPA 524.2 | | Instr: GCMS08 | | | | |
| Batch ID: W4D1105 | Preparation: EPA 5030B | Prepared: 04/12/24 07:20 | | Analyst: ADM | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropene, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Butanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 2-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Hexanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 4-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Benzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromodichloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromoform | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Carbon tetrachloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroform | 0.52 | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dibromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dibromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dichlorodifluoromethane (Freon 12) | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Di-isopropyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethyl tert-butyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Freon 113 | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Hexachlorobutadiene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Isopropylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| m,p-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

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

Method: EPA 524.2

Instr: GCMS08

Batch ID: W4D1105

Preparation: EPA 5030B

Prepared: 04/12/24 07:20

Analyst: ADM

| | | | | | | |
|--------------------------------|----|------|------|---|----------|--|
| m-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Methylene chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Naphthalene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Propylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Isopropyltoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| sec-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Styrene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tert-amyl methyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| tert-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tetrachloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| THMs, Total | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Toluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichlorofluoromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Vinyl chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Xylenes, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |

Surrogate(s)

| | | | | |
|------------------------|------|------------|--------|----------|
| 1,2-Dichlorobenzene-d4 | 114% | Conc: 57.0 | 70-130 | 04/13/24 |
| 4-Bromofluorobenzene | 116% | Conc: 57.9 | 70-130 | 04/13/24 |

Volatile Organics by P&T and GC/MS

Method: EPA 524.3

Instr: GCMS04

Batch ID: W4D1110

Preparation: Method (P+T)

Prepared: 04/12/24 07:26

Analyst: ADM

| | | | | | | |
|-----------------------------|----|-------|------|---|----------|--|
| 1,2-Dibromo-3-chloropropane | ND | 0.010 | ug/l | 1 | 04/13/24 | |
| 1,2-Dibromoethane (EDB) | ND | 0.020 | ug/l | 1 | 04/13/24 | |

Surrogate(s)

| | | | | |
|------------------------|------|-------------|--------|----------|
| 1,2-Dichlorobenzene-d4 | 109% | Conc: 0.434 | 70-130 | 04/13/24 |
| 4-Bromofluorobenzene | 102% | Conc: 0.407 | 70-130 | 04/13/24 |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 14, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-01RE1 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------------------------------------|--------|--------------------------------|--------|---------------------------------|----------|---------------------|
| Carbamates and Urea Pesticides | | | | | | |
| Method: EPA 531.2 | | Instr: LC11 | | | | |
| Batch ID: W4D2383 | | Preparation: _NONE (LC) | | Prepared: 04/29/24 16:17 | | Analyst: cam |
| 3-Hydroxycarbofuran | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Aldicarb | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Aldicarb sulfone | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Aldicarb sulfoxide | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Carbaryl | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Carbofuran | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Methiocarb | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Methomyl | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Oxamyl | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| Propoxur (Baygon) | ND | 2.0 | ug/l | 1 | 04/30/24 | |
| <i>Surrogate(s)</i> | | | | | | |
| BDMC | 91% | Conc: 9.11 | 70-130 | | 04/30/24 | |

Sample Results

(Continued)

Sample: Well 14 Field Blank, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-02 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|--------|--|-------|---------------------------------|----------------|-----------------------|
| Field Data Collected by Weck Laboratories | | | | | | |
| Method: [FIELD] | | Instr: _FIELD | | | | |
| Batch ID: W4D0859 | | Preparation: *** DEFAULT PREP *** | | Prepared: 04/08/24 10:15 | | Analyst: _clnt |
| Temperature, Degrees F | 61.6 | | °F | 1 | 04/08/24 10:15 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14 Field Blank, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-02RE1 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

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

Method: EPA 533

Instr: LCMS06

Batch ID: W4D1960

Preparation: EPA 533/SPE

Prepared: 04/23/24 13:51

Analyst: JNA

| | | | | | | |
|--------------|----|-----|------|---|----------|--|
| 11CI-PF3OUdS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| 4:2 FTS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| 6:2 FTS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| 8:2 FTS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| 9CI-PF3ONS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| ADONA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| HFPO-DA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| NFDHA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFBA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFBS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFDA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFDoA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFEESA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFHpA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFHpS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFHxA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFHxS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFMBA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFMPA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFNA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFOA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFOS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFPeA | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PFPeS | ND | 1.7 | ng/l | 1 | 04/26/24 | |
| PfUnA | ND | 1.7 | ng/l | 1 | 04/26/24 | |

Surrogate(s)

| | | | | |
|--------------|------|------------|--------|----------|
| 13C2-4:2 FTS | 91% | Conc: 31.6 | 50-200 | 04/26/24 |
| 13C2-6:2 FTS | 97% | Conc: 33.6 | 50-200 | 04/26/24 |
| 13C2-8:2 FTS | 98% | Conc: 34.1 | 50-200 | 04/26/24 |
| 13C2-PFDoA | 108% | Conc: 9.38 | 50-200 | 04/26/24 |
| 13C3-PFBS | 109% | Conc: 9.44 | 50-200 | 04/26/24 |
| 13C3-PFHxS | 109% | Conc: 9.43 | 50-200 | 04/26/24 |
| 13C4-PFBA | 113% | Conc: 9.82 | 50-200 | 04/26/24 |
| 13C4-PFHpA | 107% | Conc: 9.32 | 50-200 | 04/26/24 |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 14 Field Blank, RegID: CA1910105_016_016

Sampled: 04/08/24 10:15 by Carlos Navarro

4D05010-02RE1 (Water)

(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: W4D1960 | | Preparation: EPA 533/SPE | | Prepared: 04/23/24 13:51 | | Analyst: JNA |
| 13C5-PFHxA | 111% Conc: 9.65 | 50-200 | | | 04/26/24 | |
| 13C5-PFPeA | 114% Conc: 9.85 | 50-200 | | | 04/26/24 | |
| 13C6-PFDA | 103% Conc: 8.91 | 50-200 | | | 04/26/24 | |
| 13C7-PFUnA | 107% Conc: 9.26 | 50-200 | | | 04/26/24 | |
| 13C8-PFOA | 109% Conc: 9.49 | 50-200 | | | 04/26/24 | |
| 13C8-PFOS | 112% Conc: 9.68 | 50-200 | | | 04/26/24 | |
| 13C9-PFNA | 111% Conc: 9.67 | 50-200 | | | 04/26/24 | |
| HFPO-DA-13C3 | 102% Conc: 8.87 | 50-200 | | | 04/26/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 15 Pre, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-03 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

Field Data Collected by Weck Laboratories

| | | | | | | |
|-------------------------------|--|---------------------------------|----|---|----------------|-----------------------|
| Method: [FIELD] | | Instr: _FIELD | | | | |
| Batch ID: W4D0859 | Preparation: *** DEFAULT PREP *** | Prepared: 04/08/24 10:40 | | | | Analyst: _clnt |
| Temperature, Degrees F | 69.8 | | °F | 1 | 04/08/24 10:40 | |

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

| | | | | | | |
|-----------------------------|-------------------------------|---------------------------------|------|---|----------|---------------------|
| Method: SRL 524M-TCP | | Instr: GCMS12 | | | | |
| Batch ID: W4D0595 | Preparation: EPA 5030B | Prepared: 04/08/24 10:52 | | | | Analyst: JAN |
| 1,2,3-Trichloropropane | ND | 0.0050 | ug/l | 1 | 04/09/24 | |

Metals by EPA 200 Series Methods

| | | | | | | |
|--------------------------|-------------------------------|---------------------------------|------|---|----------|---------------------|
| Method: EPA 200.8 | | Instr: ICPMS04 | | | | |
| Batch ID: W4D0747 | Preparation: EPA 200.2 | Prepared: 04/09/24 16:50 | | | | Analyst: dak |
| Arsenic, Total | 7.5 | 0.50 | ug/l | 1 | 04/15/24 | |
| Manganese, Total | 41 | 1.0 | ug/l | 1 | 04/15/24 | |

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

| | | | | | | |
|--------------------------|---------------------------------|---------------------------------|------|---|----------|---------------------|
| Method: EPA 533 | | Instr: LCMS06 | | | | |
| Batch ID: W4D1700 | Preparation: EPA 533/SPE | Prepared: 04/19/24 08:51 | | | | Analyst: rjr |
| 11CI-PF3OUdS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| 4:2 FTS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| 6:2 FTS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| 8:2 FTS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| 9CI-PF3ONS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| ADONA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| HFPO-DA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| NFDHA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFBA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFBS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFDA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFDoA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFEESA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFHpA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFHpS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFHxA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFHxS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFMBA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFMPA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFNA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFOA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFOS | ND | 1.8 | ng/l | 1 | 04/23/24 | |

4D05010

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-03 (Water)

(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: W4D1700

Preparation: EPA 533/SPE

Prepared: 04/19/24 08:51

Analyst: rjr

| | | | | | | |
|-------|----|-----|------|---|----------|--|
| PFPeA | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFPeS | ND | 1.8 | ng/l | 1 | 04/23/24 | |
| PFOuA | ND | 1.8 | ng/l | 1 | 04/23/24 | |

Surrogate(s)

| | | | | | | |
|--------------|------|------------|--------|--|----------|--|
| 13C2-4:2 FTS | 93% | Conc: 33.1 | 50-200 | | 04/23/24 | |
| 13C2-6:2 FTS | 105% | Conc: 37.5 | 50-200 | | 04/23/24 | |
| 13C2-8:2 FTS | 111% | Conc: 39.6 | 50-200 | | 04/23/24 | |
| 13C2-PFDoA | 80% | Conc: 7.18 | 50-200 | | 04/23/24 | |
| 13C3-PFBS | 110% | Conc: 9.85 | 50-200 | | 04/23/24 | |
| 13C3-PFHxS | 112% | Conc: 10.0 | 50-200 | | 04/23/24 | |
| 13C4-PFBA | 94% | Conc: 8.43 | 50-200 | | 04/23/24 | |
| 13C4-PFHpA | 81% | Conc: 7.27 | 50-200 | | 04/23/24 | |
| 13C5-PFHxA | 84% | Conc: 7.48 | 50-200 | | 04/23/24 | |
| 13C5-PFPeA | 93% | Conc: 8.26 | 50-200 | | 04/23/24 | |
| 13C6-PFDA | 66% | Conc: 5.92 | 50-200 | | 04/23/24 | |
| 13C7-PFOuA | 73% | Conc: 6.48 | 50-200 | | 04/23/24 | |
| 13C8-PFOA | 79% | Conc: 7.03 | 50-200 | | 04/23/24 | |
| 13C8-PFOS | 111% | Conc: 9.94 | 50-200 | | 04/23/24 | |
| 13C9-PFNA | 71% | Conc: 6.35 | 50-200 | | 04/23/24 | |
| HFPO-DA-13C3 | 85% | Conc: 7.63 | 50-200 | | 04/23/24 | |

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2

Instr: GCMS08

Batch ID: W4D1105

Preparation: EPA 5030B

Prepared: 04/12/24 07:20

Analyst: ADM

| | | | | | | |
|---------------------------|----|------|------|---|----------|--|
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,1-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,2-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,3-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,4-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |

4D05010

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Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-03 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|--------|-------------------------------|-------|---------------------------------|----------|---------------------|
| Volatile Organic Compounds by P&T and GC/MS (Continued) | | | | | | |
| Method: EPA 524.2 | | Instr: GCMS08 | | | | |
| Batch ID: W4D1105 | | Preparation: EPA 5030B | | Prepared: 04/12/24 07:20 | | Analyst: ADM |
| 1,3,5-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropene, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Butanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 2-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Hexanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 4-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Benzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromodichloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromoform | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Carbon tetrachloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroform | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dibromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dibromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dichlorodifluoromethane (Freon 12) | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Di-isopropyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethyl tert-butyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Freon 113 | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Hexachlorobutadiene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Isopropylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| m,p-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| m-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | ug/l | 1 | 04/13/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-03 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

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

Method: EPA 524.2

Instr: GCMS08

Batch ID: W4D1105

Preparation: EPA 5030B

Prepared: 04/12/24 07:20

Analyst: ADM

| | | | | | | |
|---------------------------|----|------|------|---|----------|--|
| Methylene chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Naphthalene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Propylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Isopropyltoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| sec-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Styrene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tert-amyl methyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| tert-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tetrachloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| THMs, Total | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Toluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichlorofluoromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Vinyl chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Xylenes, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |

Surrogate(s)

| | | | | |
|------------------------|------|------------|--------|----------|
| 1,2-Dichlorobenzene-d4 | 114% | Conc: 56.9 | 70-130 | 04/13/24 |
| 4-Bromofluorobenzene | 114% | Conc: 57.2 | 70-130 | 04/13/24 |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 15 Pre Field Blank, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-04 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

Field Data Collected by Weck Laboratories

Method: [FIELD]

Instr: _FIELD

Batch ID: W4D0859

Preparation: *** DEFAULT PREP ***

Prepared: 04/08/24 10:40

Analyst: _clnt

Temperature, Degrees F 69.8

°F 1 04/08/24 10:40

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

Method: EPA 533

Instr: LCMS06

Batch ID: W4D1960

Preparation: EPA 533/SPE

Prepared: 04/23/24 13:51

Analyst: JNA

| | | | | | |
|--------------|----|-----|------|---|----------|
| 11CI-PF3OUdS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| 4:2 FTS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| 6:2 FTS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| 8:2 FTS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| 9CI-PF3ONS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| ADONA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| HFPO-DA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| NFDHA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFBA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFBS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFDA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFDoA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFEESA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFHpA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFHpS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFHxA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFHxS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFMBA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFMPA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFNA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFOA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFOS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFPeA | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFPeS | ND | 1.8 | ng/l | 1 | 04/25/24 |
| PFUnA | ND | 1.8 | ng/l | 1 | 04/25/24 |

Surrogate(s)

| | | | | |
|--------------|------|------------|--------|----------|
| 13C2-4:2 FTS | 95% | Conc: 33.4 | 50-200 | 04/25/24 |
| 13C2-6:2 FTS | 102% | Conc: 35.6 | 50-200 | 04/25/24 |
| 13C2-8:2 FTS | 106% | Conc: 37.1 | 50-200 | 04/25/24 |
| 13C2-PFDoA | 109% | Conc: 9.57 | 50-200 | 04/25/24 |
| 13C3-PFBS | 110% | Conc: 9.65 | 50-200 | 04/25/24 |

4D05010

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Pre Field Blank, RegID: CA1910105_025_025

Sampled: 04/08/24 10:40 by Carlos Navarro

4D05010-04 (Water)

(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: W4D1960 | | Preparation: EPA 533/SPE | | Prepared: 04/23/24 13:51 | | Analyst: JNA |
| 13C3-PFHxS | 107% Conc: 9.42 | 50-200 | | | 04/25/24 | |
| 13C4-PFBA | 112% Conc: 9.79 | 50-200 | | | 04/25/24 | |
| 13C4-PFHpA | 111% Conc: 9.76 | 50-200 | | | 04/25/24 | |
| 13C5-PFHxA | 110% Conc: 9.69 | 50-200 | | | 04/25/24 | |
| 13C5-PFPeA | 114% Conc: 10.0 | 50-200 | | | 04/25/24 | |
| 13C6-PFDA | 110% Conc: 9.61 | 50-200 | | | 04/25/24 | |
| 13C7-PFUnA | 105% Conc: 9.17 | 50-200 | | | 04/25/24 | |
| 13C8-PFOA | 113% Conc: 9.95 | 50-200 | | | 04/25/24 | |
| 13C8-PFOS | 110% Conc: 9.67 | 50-200 | | | 04/25/24 | |
| 13C9-PFNA | 111% Conc: 9.72 | 50-200 | | | 04/25/24 | |
| HFPO-DA-13C3 | 107% Conc: 9.37 | 50-200 | | | 04/25/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 15 Effluent, RegID: CA1910105_027_027

Sampled: 04/08/24 10:30 by Carlos Navarro

4D05010-05 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---|--|---------------------------------|-------|-----------------------|----------------|-----------|
| Field Data Collected by Weck Laboratories | | | | | | |
| Method: [FIELD] | | Instr: _FIELD | | | | |
| Batch ID: W4D0859 | Preparation: *** DEFAULT PREP *** | Prepared: 04/08/24 10:30 | | Analyst: _clnt | | |
| Temperature, Degrees F | 67.7 | | °F | 1 | 04/08/24 10:30 | |
| Low Level 1,2,3-TCP by SRL Method, P&T, GC/MS SIM | | | | | | |
| Method: SRL 524M-TCP | | Instr: GCMS12 | | | | |
| Batch ID: W4D0890 | Preparation: EPA 5030B | Prepared: 04/10/24 10:02 | | Analyst: JAN | | |
| 1,2,3-Trichloropropane | ND | 0.0050 | ug/l | 1 | 04/10/24 | |
| Metals by EPA 200 Series Methods | | | | | | |
| Method: EPA 200.8 | | Instr: ICPMS04 | | | | |
| Batch ID: W4D0747 | Preparation: EPA 200.2 | Prepared: 04/09/24 16:50 | | Analyst: dak | | |
| Arsenic, Total | 7.4 | 0.50 | ug/l | 1 | 04/15/24 | |
| Manganese, Total | ND | 1.0 | ug/l | 1 | 04/15/24 | |
| Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS | | | | | | |
| Method: EPA 533 | | Instr: LCMS06 | | | | |
| Batch ID: W4D1700 | Preparation: EPA 533/SPE | Prepared: 04/19/24 08:51 | | Analyst: rjr | | |
| 11CI-PF3OUdS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| 4:2 FTS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| 6:2 FTS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| 8:2 FTS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| 9CI-PF3ONS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| ADONA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| HFPO-DA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| NFDHA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFBA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFBS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFDA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFDoA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFEESA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFHpA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFHpS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFHxA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFHxS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFMBA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFMPA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFNA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFOA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFOS | ND | 2.0 | ng/l | 1 | 04/23/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Effluent, RegID: CA1910105_027_027

Sampled: 04/08/24 10:30 by Carlos Navarro

4D05010-05 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

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

Method: EPA 533

Instr: LCMS06

Batch ID: W4D1700

Preparation: EPA 533/SPE

Prepared: 04/19/24 08:51

Analyst: rjr

| | | | | | | |
|-------|----|-----|------|---|----------|--|
| PFPeA | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFPeS | ND | 2.0 | ng/l | 1 | 04/23/24 | |
| PFUnA | ND | 2.0 | ng/l | 1 | 04/23/24 | |

Surrogate(s)

| | | | | | | |
|--------------|------|------------|--------|--|----------|--|
| 13C2-4:2 FTS | 92% | Conc: 33.8 | 50-200 | | 04/23/24 | |
| 13C2-6:2 FTS | 102% | Conc: 37.4 | 50-200 | | 04/23/24 | |
| 13C2-8:2 FTS | 108% | Conc: 39.6 | 50-200 | | 04/23/24 | |
| 13C2-PFDoA | 80% | Conc: 7.37 | 50-200 | | 04/23/24 | |
| 13C3-PFBS | 115% | Conc: 10.6 | 50-200 | | 04/23/24 | |
| 13C3-PFHxS | 112% | Conc: 10.2 | 50-200 | | 04/23/24 | |
| 13C4-PFBA | 101% | Conc: 9.26 | 50-200 | | 04/23/24 | |
| 13C4-PFHpA | 90% | Conc: 8.21 | 50-200 | | 04/23/24 | |
| 13C5-PFHxA | 90% | Conc: 8.27 | 50-200 | | 04/23/24 | |
| 13C5-PFPeA | 104% | Conc: 9.48 | 50-200 | | 04/23/24 | |
| 13C6-PFDA | 75% | Conc: 6.84 | 50-200 | | 04/23/24 | |
| 13C7-PFUnA | 78% | Conc: 7.15 | 50-200 | | 04/23/24 | |
| 13C8-PFOA | 84% | Conc: 7.68 | 50-200 | | 04/23/24 | |
| 13C8-PFOS | 110% | Conc: 10.1 | 50-200 | | 04/23/24 | |
| 13C9-PFNA | 78% | Conc: 7.17 | 50-200 | | 04/23/24 | |
| HFPO-DA-13C3 | 91% | Conc: 8.32 | 50-200 | | 04/23/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount
Project Manager: Charlene King

Reported:
05/15/2024 09:17

Sample Results

(Continued)

Sample: Well 15 Effluent Field Blank, RegID: CA1910105_027_027

Sampled: 04/08/24 10:30 by Carlos Navarro

4D05010-06 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---------|--------|-----|-------|-----|----------|-----------|
|---------|--------|-----|-------|-----|----------|-----------|

Field Data Collected by Weck Laboratories

Method: [FIELD]

Instr: _FIELD

Batch ID: W4D0859

Preparation: *** DEFAULT PREP ***

Prepared: 04/08/24 10:30

Analyst: _clnt

Temperature, Degrees F 67.7

°F 1 04/08/24 10:30

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

Method: EPA 533

Instr: LCMS06

Batch ID: W4D1700

Preparation: EPA 533/SPE

Prepared: 04/19/24 08:51

Analyst: rjr

| | | | | | |
|--------------|----|-----|------|---|----------|
| 11CI-PF3OUdS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| 4:2 FTS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| 6:2 FTS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| 8:2 FTS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| 9CI-PF3ONS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| ADONA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| HFPO-DA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| NFDHA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFBA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFBS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFDA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFDoA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFEESA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFHpA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFHpS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFHxA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFHxS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFMBA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFMPA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFNA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFOA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFOS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFPeA | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFPeS | ND | 1.7 | ng/l | 1 | 04/23/24 |
| PFUnA | ND | 1.7 | ng/l | 1 | 04/23/24 |

Surrogate(s)

| | | | | |
|--------------|------|------------|--------|----------|
| 13C2-4:2 FTS | 112% | Conc: 39.1 | 50-200 | 04/23/24 |
| 13C2-6:2 FTS | 106% | Conc: 37.0 | 50-200 | 04/23/24 |
| 13C2-8:2 FTS | 110% | Conc: 38.4 | 50-200 | 04/23/24 |
| 13C2-PFDoA | 103% | Conc: 8.98 | 50-200 | 04/23/24 |
| 13C3-PFBS | 111% | Conc: 9.68 | 50-200 | 04/23/24 |

4D05010

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Well 15 Effluent Field Blank, RegID: CA1910105_027_027

Sampled: 04/08/24 10:30 by Carlos Navarro

4D05010-06 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---|-----------------|---------------------------------|----------------------|---------------------------------|----------|---------------------|
| Per- and Polyflourinated Alkyl Substances (PFAS) by LC-MS/MS (Continued) | | | | | | |
| Method: EPA 533 | | | Instr: LCMS06 | | | |
| Batch ID: W4D1700 | | Preparation: EPA 533/SPE | | Prepared: 04/19/24 08:51 | | Analyst: rjr |
| 13C3-PFHxS | 114% Conc: 10.0 | 50-200 | | | 04/23/24 | |
| 13C4-PFBA | 108% Conc: 9.46 | 50-200 | | | 04/23/24 | |
| 13C4-PFHpA | 102% Conc: 8.94 | 50-200 | | | 04/23/24 | |
| 13C5-PFHxA | 99% Conc: 8.68 | 50-200 | | | 04/23/24 | |
| 13C5-PFPeA | 111% Conc: 9.74 | 50-200 | | | 04/23/24 | |
| 13C6-PFDA | 102% Conc: 8.92 | 50-200 | | | 04/23/24 | |
| 13C7-PFUnA | 106% Conc: 9.25 | 50-200 | | | 04/23/24 | |
| 13C8-PFOA | 103% Conc: 9.02 | 50-200 | | | 04/23/24 | |
| 13C8-PFOS | 109% Conc: 9.49 | 50-200 | | | 04/23/24 | |
| 13C9-PFNA | 104% Conc: 9.10 | 50-200 | | | 04/23/24 | |
| HFPO-DA-13C3 | 102% Conc: 8.93 | 50-200 | | | 04/23/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Travel Blank

Sampled: 04/08/24 0:00 by Carlos Navarro

4D05010-07 (Water)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|-------------------------------|---------------------------------|-------|---------------------|----------|-----------|
| Volatile Organic Compounds by P&T and GC/MS | | | | | | |
| Method: EPA 524.2 | | Instr: GCMS08 | | | | |
| Batch ID: W4D1105 | Preparation: EPA 5030B | Prepared: 04/12/24 07:20 | | Analyst: ADM | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,1-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1,2-Trichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,1-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,3-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2,4-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 1,3-Dichloropropene, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2,2-Dichloropropane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Butanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 2-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 2-Hexanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| 4-Chlorotoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Benzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromodichloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromoform | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Bromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Carbon tetrachloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloroform | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Chloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Sample Results

(Continued)

Sample: Travel Blank

Sampled: 04/08/24 0:00 by Carlos Navarro

4D05010-07 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|-------------------------------|---------------------------------|-------|---------------------|----------|-----------|
| Volatile Organic Compounds by P&T and GC/MS (Continued) | | | | | | |
| Method: EPA 524.2 | | Instr: GCMS08 | | | | |
| Batch ID: W4D1105 | Preparation: EPA 5030B | Prepared: 04/12/24 07:20 | | Analyst: ADM | | |
| Dibromochloromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dibromomethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Dichlorodifluoromethane (Freon 12) | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Di-isopropyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethyl tert-butyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Ethylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Freon 113 | ND | 5.0 | ug/l | 1 | 04/13/24 | |
| Hexachlorobutadiene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Isopropylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| m,p-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| m-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Methylene chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Naphthalene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| n-Propylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| o-Xylene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Dichlorobenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| p-Isopropyltoluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| sec-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Styrene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tert-amyl methyl ether | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| tert-Butylbenzene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Tetrachloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| THMs, Total | ND | 2.0 | ug/l | 1 | 04/13/24 | |
| Toluene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,2-Dichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichloroethene | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Trichlorofluoromethane | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Vinyl chloride | ND | 0.50 | ug/l | 1 | 04/13/24 | |
| Xylenes, Total | ND | 0.50 | ug/l | 1 | 04/13/24 | |

Surrogate(s)

Water Replenishment District
 4040 Paramount Blvd.
 Lakewood, CA 90712

Project Number: City of Paramount

Reported:
 05/15/2024 09:17

Project Manager: Charlene King

(Continued)

Sample Results

Sample: Travel Blank

Sampled: 04/08/24 0:00 by Carlos Navarro

4D05010-07 (Water)

(Continued)

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|--|-----------------|-------------------------------|-------|---------------------------------|----------|---------------------|
| Volatile Organic Compounds by P&T and GC/MS (Continued) | | | | | | |
| Method: EPA 524.2 | | Instr: GCMS08 | | | | |
| Batch ID: W4D1105 | | Preparation: EPA 5030B | | Prepared: 04/12/24 07:20 | | Analyst: ADM |
| 1,2-Dichlorobenzene-d4 | 125% Conc: 62.5 | 70-130 | | | 04/13/24 | |
| 4-Bromofluorobenzene | 120% Conc: 60.1 | 70-130 | | | 04/13/24 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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 | RPD Limit | Qualifier |
|---------------------------------|--------|-------|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D0878 - EPA 522 | | | | | | | | | | |
| Blank (W4D0878-BLK1) | | | | | | | | | | |
| 1,4-Dioxane | ND | 0.070 | ug/l | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,4-Dioxane-d8 | 9.49 | | ug/l | 10.0 | | 95 | 70-130 | | | |
| LCS (W4D0878-BS1) | | | | | | | | | | |
| 1,4-Dioxane | 0.333 | 0.070 | ug/l | 0.400 | | 83 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,4-Dioxane-d8 | 7.89 | | ug/l | 10.0 | | 79 | 70-130 | | | |
| LCS Dup (W4D0878-BSD1) | | | | | | | | | | |
| 1,4-Dioxane | 0.339 | 0.070 | ug/l | 0.400 | | 85 | 70-130 | 2 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,4-Dioxane-d8 | 7.74 | | ug/l | 10.0 | | 77 | 70-130 | | | |

Quality Control Results

Carbamates and Urea Pesticides

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|-----------------------------------|--------|-----|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D1908 - EPA 531.2 | | | | | | | | | | |
| Blank (W4D1908-BLK1) | | | | | | | | | | |
| 3-Hydroxycarbofuran | ND | 2.0 | ug/l | | | | | | | |
| Aldicarb | ND | 2.0 | ug/l | | | | | | | |
| Aldicarb sulfone | ND | 2.0 | ug/l | | | | | | | |
| Aldicarb sulfoxide | ND | 2.0 | ug/l | | | | | | | |
| Carbaryl | ND | 2.0 | ug/l | | | | | | | |
| Carbofuran | ND | 2.0 | ug/l | | | | | | | |
| Methiocarb | ND | 2.0 | ug/l | | | | | | | |
| Methomyl | ND | 2.0 | ug/l | | | | | | | |
| Oxamyl | ND | 2.0 | ug/l | | | | | | | |
| Propoxur (Baygon) | ND | 2.0 | ug/l | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| BDMC | 9.75 | | ug/l | 10.0 | | 97 | 70-130 | | | |
| LCS (W4D1908-BS1) | | | | | | | | | | |
| 3-Hydroxycarbofuran | 9.71 | 2.0 | ug/l | | | | 70-130 | | | |
| Aldicarb | 10.8 | 2.0 | ug/l | | | | 70-130 | | | |
| Aldicarb sulfone | 7.22 | 2.0 | ug/l | | | | 70-130 | | | |
| Aldicarb sulfoxide | 7.41 | 2.0 | ug/l | | | | 70-130 | | | |
| Carbaryl | 11.9 | 2.0 | ug/l | | | | 70-130 | | | |
| Carbofuran | 11.0 | 2.0 | ug/l | | | | 70-130 | | | |
| Methiocarb | 10.5 | 2.0 | ug/l | | | | 70-130 | | | |
| Methomyl | 8.57 | 2.0 | ug/l | | | | 70-130 | | | |
| Oxamyl | 8.28 | 2.0 | ug/l | | | | 70-130 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qualifier |
|---|--------|-----|-------|-------------|---------------|-------------|-----|-----------|-----------|
| Batch: W4D1908 - EPA 531.2 (Continued) | | | | | | | | | |
| LCS (W4D1908-BS1) | | | | | | | | | |
| Prepared & Analyzed: 04/23/24 | | | | | | | | | |
| Propoxur (Baygon) | 10.0 | 2.0 | ug/l | | | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 11.2 | | ug/l | 10.0 | | 112 70-130 | | | |
| Matrix Spike (W4D1908-MS1) | | | | | | | | | |
| Source: 4C13180-01RE1 | | | | | | | | | |
| Prepared & Analyzed: 04/23/24 | | | | | | | | | |
| 3-Hydroxycarbofuran | 9.62 | 2.0 | ug/l | | ND | 70-130 | | | |
| Aldicarb | 11.1 | 2.0 | ug/l | | ND | 70-130 | | | |
| Aldicarb sulfone | 7.67 | 2.0 | ug/l | | ND | 70-130 | | | |
| Aldicarb sulfoxide | 7.33 | 2.0 | ug/l | | ND | 70-130 | | | |
| Carbaryl | 11.1 | 2.0 | ug/l | | ND | 70-130 | | | |
| Carbofuran | 10.1 | 2.0 | ug/l | | ND | 70-130 | | | |
| Methiocarb | 11.4 | 2.0 | ug/l | | ND | 70-130 | | | |
| Methomyl | 8.69 | 2.0 | ug/l | | ND | 70-130 | | | |
| Oxamyl | 10.6 | 2.0 | ug/l | | ND | 70-130 | | | |
| Propoxur (Baygon) | 11.7 | 2.0 | ug/l | | ND | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 10.6 | | ug/l | 10.0 | | 106 70-130 | | | |
| Matrix Spike Dup (W4D1908-MSD1) | | | | | | | | | |
| Source: 4C13180-01RE1 | | | | | | | | | |
| Prepared & Analyzed: 04/23/24 | | | | | | | | | |
| 3-Hydroxycarbofuran | 9.67 | 2.0 | ug/l | | ND | 70-130 | 0.5 | 30 | |
| Aldicarb | 11.0 | 2.0 | ug/l | | ND | 70-130 | 1 | 30 | |
| Aldicarb sulfone | 8.45 | 2.0 | ug/l | | ND | 70-130 | 10 | 30 | |
| Aldicarb sulfoxide | 8.68 | 2.0 | ug/l | | ND | 70-130 | 17 | 30 | |
| Carbaryl | 11.1 | 2.0 | ug/l | | ND | 70-130 | 0.2 | 30 | |
| Carbofuran | 9.28 | 2.0 | ug/l | | ND | 70-130 | 9 | 30 | |
| Methiocarb | 10.8 | 2.0 | ug/l | | ND | 70-130 | 5 | 30 | |
| Methomyl | 8.60 | 2.0 | ug/l | | ND | 70-130 | 1 | 30 | |
| Oxamyl | 10.5 | 2.0 | ug/l | | ND | 70-130 | 0.8 | 30 | |
| Propoxur (Baygon) | 10.6 | 2.0 | ug/l | | ND | 70-130 | 10 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 9.85 | | ug/l | 10.0 | | 98 70-130 | | | |
| Batch: W4D2383 - EPA 531.2 | | | | | | | | | |
| Blank (W4D2383-BLK1) | | | | | | | | | |
| Prepared: 04/29/24 Analyzed: 04/30/24 | | | | | | | | | |
| 3-Hydroxycarbofuran | ND | 2.0 | ug/l | | | | | | |
| Aldicarb | ND | 2.0 | ug/l | | | | | | |
| Aldicarb sulfone | ND | 2.0 | ug/l | | | | | | |
| Aldicarb sulfoxide | ND | 2.0 | ug/l | | | | | | |
| Carbaryl | ND | 2.0 | ug/l | | | | | | |
| Carbofuran | ND | 2.0 | ug/l | | | | | | |
| Methiocarb | ND | 2.0 | ug/l | | | | | | |
| Methomyl | ND | 2.0 | ug/l | | | | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qualifier |
|---|--------|-----|-------|-------------|---|-------------|-----|-----------|-----------|
| Batch: W4D2383 - EPA 531.2 (Continued) | | | | | | | | | |
| Blank (W4D2383-BLK1) | | | | | Prepared: 04/29/24 Analyzed: 04/30/24 | | | | |
| Oxamyl | ND | 2.0 | ug/l | | | | | | |
| Propoxur (Baygon) | ND | 2.0 | ug/l | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 10.2 | | ug/l | 10.0 | | 102 70-130 | | | |
| LCS (W4D2383-BS1) | | | | | Prepared: 04/29/24 Analyzed: 04/30/24 | | | | |
| 3-Hydroxycarbofuran | 12.2 | 2.0 | ug/l | 10.0 | | 122 70-130 | | | |
| Aldicarb | 13.0 | 2.0 | ug/l | 10.0 | | 130 70-130 | | | |
| Aldicarb sulfone | 9.04 | 2.0 | ug/l | 10.0 | | 90 70-130 | | | |
| Aldicarb sulfoxide | 9.72 | 2.0 | ug/l | 10.0 | | 97 70-130 | | | |
| Carbaryl | 11.1 | 2.0 | ug/l | 10.0 | | 111 70-130 | | | |
| Carbofuran | 9.50 | 2.0 | ug/l | 10.0 | | 95 70-130 | | | |
| Methiocarb | 11.9 | 2.0 | ug/l | 10.0 | | 119 70-130 | | | |
| Methomyl | 9.91 | 2.0 | ug/l | 10.0 | | 99 70-130 | | | |
| Oxamyl | 10.8 | 2.0 | ug/l | 10.0 | | 108 70-130 | | | |
| Propoxur (Baygon) | 11.2 | 2.0 | ug/l | 10.0 | | 112 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 10.6 | | ug/l | 10.0 | | 106 70-130 | | | |
| Matrix Spike (W4D2383-MS1) | | | | | Source: 4C20038-01 Prepared: 04/29/24 Analyzed: 04/30/24 | | | | |
| 3-Hydroxycarbofuran | 12.9 | 2.0 | ug/l | 10.0 | ND | 129 70-130 | | | |
| Aldicarb | 13.0 | 2.0 | ug/l | 10.0 | ND | 130 70-130 | | | |
| Aldicarb sulfone | 7.66 | 2.0 | ug/l | 10.0 | ND | 77 70-130 | | | |
| Aldicarb sulfoxide | 8.74 | 2.0 | ug/l | 10.0 | ND | 87 70-130 | | | |
| Carbaryl | 12.4 | 2.0 | ug/l | 10.0 | ND | 124 70-130 | | | |
| Carbofuran | 10.3 | 2.0 | ug/l | 10.0 | ND | 103 70-130 | | | |
| Methiocarb | 9.62 | 2.0 | ug/l | 10.0 | ND | 96 70-130 | | | |
| Methomyl | 8.94 | 2.0 | ug/l | 10.0 | ND | 89 70-130 | | | |
| Oxamyl | 10.9 | 2.0 | ug/l | 10.0 | ND | 109 70-130 | | | |
| Propoxur (Baygon) | 10.5 | 2.0 | ug/l | 10.0 | ND | 105 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| BDMC | 9.62 | | ug/l | 10.0 | | 96 70-130 | | | |
| Matrix Spike Dup (W4D2383-MSD1) | | | | | Source: 4C20038-01 Prepared: 04/29/24 Analyzed: 04/30/24 | | | | |
| 3-Hydroxycarbofuran | 10.6 | 2.0 | ug/l | 10.0 | ND | 106 70-130 | 19 | 30 | |
| Aldicarb | 10.2 | 2.0 | ug/l | 10.0 | ND | 102 70-130 | 24 | 30 | |
| Aldicarb sulfone | 10.7 | 2.0 | ug/l | 10.0 | ND | 107 70-130 | 33 | 30 | R-02 |
| Aldicarb sulfoxide | 10.8 | 2.0 | ug/l | 10.0 | ND | 108 70-130 | 21 | 30 | |
| Carbaryl | 9.93 | 2.0 | ug/l | 10.0 | ND | 99 70-130 | 22 | 30 | |
| Carbofuran | 10.7 | 2.0 | ug/l | 10.0 | ND | 107 70-130 | 5 | 30 | |
| Methiocarb | 11.5 | 2.0 | ug/l | 10.0 | ND | 115 70-130 | 18 | 30 | |
| Methomyl | 9.42 | 2.0 | ug/l | 10.0 | ND | 94 70-130 | 5 | 30 | |
| Oxamyl | 10.4 | 2.0 | ug/l | 10.0 | ND | 104 70-130 | 4 | 30 | |

Water Replenishment District
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Project Number: City of Paramount

Reported:
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Project Manager: Charlene King

Quality Control Results

(Continued)

Carbamates and Urea Pesticides (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|---|--------|-----|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D2383 - EPA 531.2 (Continued) | | | | | | | | | | |
| Matrix Spike Dup (W4D2383-MSD1) | | | | | | | | | | |
| Propoxur (Baygon) | 10.2 | 2.0 | ug/l | 10.0 | ND | 102 | 70-130 | 4 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| BDMC | 10.8 | | ug/l | 10.0 | | 108 | 70-130 | | | |

Water Replenishment District
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Project Number: City of Paramount

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Project Manager: Charlene King

Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|--|--------|------|-------|--|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D0896 - EPA 515.4 | | | | | | | | | | |
| Blank (W4D0896-BLK1) | | | | Prepared: 04/10/24 Analyzed: 04/25/24 | | | | | | |
| 2,4,5-T | ND | 0.20 | ug/l | | | | | | | |
| 2,4,5-TP (Silvex) | ND | 0.20 | ug/l | | | | | | | |
| 2,4-D | ND | 0.40 | ug/l | | | | | | | |
| 2,4-DB | ND | 2.0 | ug/l | | | | | | | |
| 3,5-Dichlorobenzoic acid | ND | 1.0 | ug/l | | | | | | | |
| Acifluorfen | ND | 0.40 | ug/l | | | | | | | |
| Bentazon | ND | 2.0 | ug/l | | | | | | | |
| Dalapon | ND | 0.40 | ug/l | | | | | | | |
| DCPA | ND | 0.10 | ug/l | | | | | | | |
| Dicamba | ND | 0.60 | ug/l | | | | | | | |
| Dichloroprop | ND | 0.30 | ug/l | | | | | | | |
| Dinoseb | ND | 0.40 | ug/l | | | | | | | |
| Pentachlorophenol | ND | 0.20 | ug/l | | | | | | | |
| Picloram | ND | 0.60 | ug/l | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 2,4-DCAA | 9.86 | | ug/l | 10.0 | | 99 | 70-130 | | | |
| LCS (W4D0896-BS1) | | | | | | | | | | |
| Prepared: 04/10/24 Analyzed: 04/25/24 | | | | | | | | | | |
| 2,4,5-T | 4.99 | 0.20 | ug/l | 5.00 | | 100 | 70-130 | | | |
| 2,4,5-TP (Silvex) | 4.93 | 0.20 | ug/l | 5.00 | | 99 | 70-130 | | | |
| 2,4-D | 10.0 | 0.40 | ug/l | 10.0 | | 100 | 70-130 | | | |
| 2,4-DB | 19.5 | 2.0 | ug/l | 20.0 | | 98 | 70-130 | | | |
| 3,5-Dichlorobenzoic acid | 9.71 | 1.0 | ug/l | 10.0 | | 97 | 70-130 | | | |
| Acifluorfen | 5.14 | 0.40 | ug/l | 5.00 | | 103 | 70-130 | | | |
| Bentazon | 19.4 | 2.0 | ug/l | 20.0 | | 97 | 70-130 | | | |
| Dalapon | 9.50 | 0.40 | ug/l | 10.0 | | 95 | 70-130 | | | |
| DCPA | 4.97 | 0.10 | ug/l | 5.00 | | 99 | 70-130 | | | |
| Dicamba | 9.85 | 0.60 | ug/l | 10.0 | | 98 | 70-130 | | | |
| Dichloroprop | 9.84 | 0.30 | ug/l | 10.0 | | 98 | 70-130 | | | |
| Dinoseb | 4.80 | 0.40 | ug/l | 5.00 | | 96 | 70-130 | | | |
| Pentachlorophenol | 5.05 | 0.20 | ug/l | 5.00 | | 101 | 70-130 | | | |
| Picloram | 4.85 | 0.60 | ug/l | 5.00 | | 97 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 2,4-DCAA | 10.7 | | ug/l | 10.0 | | 107 | 70-130 | | | |
| Matrix Spike (W4D0896-MS1) | | | | | | | | | | |
| Source: 4D04061-01 | | | | Prepared: 04/10/24 Analyzed: 04/25/24 | | | | | | |
| 2,4,5-T | 5.17 | 0.20 | ug/l | 5.00 | ND | 103 | 70-130 | | | |
| 2,4,5-TP (Silvex) | 5.01 | 0.20 | ug/l | 5.00 | ND | 100 | 70-130 | | | |
| 2,4-D | 10.2 | 0.40 | ug/l | 10.0 | ND | 102 | 70-130 | | | |
| 2,4-DB | 20.8 | 2.0 | ug/l | 20.0 | ND | 104 | 70-130 | | | |
| 3,5-Dichlorobenzoic acid | 10.5 | 1.0 | ug/l | 10.0 | ND | 105 | 70-130 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Chlorinated Acids Herbicides by GC/ECD (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limit | RPD | RPD Limit | Qualifier |
|---|--------|------|---------------------------|-------------|---------------------------|------|---------------------------|------|-----------|-----------|
| Batch: W4D0896 - EPA 515.4 (Continued) | | | | | | | | | | |
| Matrix Spike (W4D0896-MS1) | | | Source: 4D04061-01 | | Prepared: 04/10/24 | | Analyzed: 04/25/24 | | | |
| Acifluorfen | 5.08 | 0.40 | ug/l | 5.00 | ND | 102 | 70-130 | | | |
| Bentazon | 20.0 | 2.0 | ug/l | 20.0 | ND | 100 | 70-130 | | | |
| Dalapon | 9.72 | 0.40 | ug/l | 10.0 | ND | 97 | 70-130 | | | |
| DCPA | 6.17 | 0.10 | ug/l | 5.00 | ND | 123 | 70-130 | | | |
| Dicamba | 10.2 | 0.60 | ug/l | 10.0 | ND | 102 | 70-130 | | | |
| Dichloroprop | 10.2 | 0.30 | ug/l | 10.0 | ND | 102 | 70-130 | | | |
| Dinoseb | 4.71 | 0.40 | ug/l | 5.00 | ND | 94 | 70-130 | | | |
| Pentachlorophenol | 5.28 | 0.20 | ug/l | 5.00 | ND | 106 | 70-130 | | | |
| Picloram | 5.34 | 0.60 | ug/l | 5.00 | ND | 107 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 2,4-DCAA | 11.4 | | ug/l | 10.0 | | 114 | 70-130 | | | |
| Matrix Spike Dup (W4D0896-MSD1) | | | Source: 4D04061-01 | | Prepared: 04/10/24 | | Analyzed: 04/25/24 | | | |
| 2,4,5-T | 5.18 | 0.20 | ug/l | 5.00 | ND | 104 | 70-130 | 0.2 | 30 | |
| 2,4,5-TP (Silvex) | 5.01 | 0.20 | ug/l | 5.00 | ND | 100 | 70-130 | 0.09 | 30 | |
| 2,4-D | 10.2 | 0.40 | ug/l | 10.0 | ND | 102 | 70-130 | 0.07 | 30 | |
| 2,4-DB | 22.3 | 2.0 | ug/l | 20.0 | ND | 111 | 70-130 | 7 | 30 | |
| 3,5-Dichlorobenzoic acid | 10.5 | 1.0 | ug/l | 10.0 | ND | 105 | 70-130 | 0.3 | 30 | |
| Acifluorfen | 5.22 | 0.40 | ug/l | 5.00 | ND | 104 | 70-130 | 3 | 30 | |
| Bentazon | 20.3 | 2.0 | ug/l | 20.0 | ND | 102 | 70-130 | 2 | 30 | |
| Dalapon | 9.90 | 0.40 | ug/l | 10.0 | ND | 99 | 70-130 | 2 | 30 | |
| DCPA | 6.31 | 0.10 | ug/l | 5.00 | ND | 126 | 70-130 | 2 | 30 | |
| Dicamba | 10.1 | 0.60 | ug/l | 10.0 | ND | 101 | 70-130 | 0.6 | 30 | |
| Dichloroprop | 10.2 | 0.30 | ug/l | 10.0 | ND | 102 | 70-130 | 0.4 | 30 | |
| Dinoseb | 4.94 | 0.40 | ug/l | 5.00 | ND | 99 | 70-130 | 5 | 30 | |
| Pentachlorophenol | 5.25 | 0.20 | ug/l | 5.00 | ND | 105 | 70-130 | 0.5 | 30 | |
| Picloram | 5.51 | 0.60 | ug/l | 5.00 | ND | 110 | 70-130 | 3 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 2,4-DCAA | 11.3 | | ug/l | 10.0 | | 113 | 70-130 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD RPD Limit | Qualifier |
|-----------------------------------|--------|-------|-------|--|---------------|-------------|---------------|-----------|
| Batch: W4D1770 - EPA 508.1 | | | | | | | | |
| Blank (W4D1770-BLK1) | | | | Prepared: 04/22/24 Analyzed: 04/30/24 | | | | |
| 4,4'-DDD | ND | 0.010 | ug/l | | | | | |
| 4,4'-DDE | ND | 0.010 | ug/l | | | | | |
| 4,4'-DDT | ND | 0.010 | ug/l | | | | | |
| Aldrin | ND | 0.010 | ug/l | | | | | |
| alpha-BHC | ND | 0.010 | ug/l | | | | | |
| Aroclor 1016 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1221 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1232 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1242 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1248 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1254 | ND | 0.10 | ug/l | | | | | |
| Aroclor 1260 | ND | 0.10 | ug/l | | | | | |
| beta-BHC | ND | 0.010 | ug/l | | | | | |
| Chlordane (tech) | ND | 0.10 | ug/l | | | | | |
| Chlorothalonil | ND | 0.050 | ug/l | | | | | |
| delta-BHC | ND | 0.010 | ug/l | | | | | |
| Dieldrin | ND | 0.010 | ug/l | | | | | |
| Endosulfan I | ND | 0.010 | ug/l | | | | | |
| Endosulfan II | ND | 0.010 | ug/l | | | | | |
| Endosulfan sulfate | ND | 0.010 | ug/l | | | | | |
| Endrin | ND | 0.010 | ug/l | | | | | |
| Endrin aldehyde | ND | 0.010 | ug/l | | | | | |
| gamma-BHC (Lindane) | ND | 0.010 | ug/l | | | | | |
| Heptachlor | ND | 0.010 | ug/l | | | | | |
| Heptachlor epoxide | ND | 0.010 | ug/l | | | | | |
| Hexachlorobenzene | ND | 0.050 | ug/l | | | | | |
| Hexachlorocyclopentadiene | ND | 0.20 | ug/l | | | | | |
| Methoxychlor | ND | 0.010 | ug/l | | | | | |
| PCBs, Total | ND | 0.50 | ug/l | | | | | |
| Propachlor | ND | 0.20 | ug/l | | | | | |
| Toxaphene | ND | 1.0 | ug/l | | | | | |
| Trifluralin | ND | 0.010 | ug/l | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | |
| 4,4'-Dibromobiphenyl | 0.115 | | ug/l | 0.100 | | 115 70-130 | | |
| LCS (W4D1770-BS1) | | | | Prepared: 04/22/24 Analyzed: 04/30/24 | | | | |
| 4,4'-DDD | 0.111 | 0.010 | ug/l | 0.100 | | 111 70-130 | | |
| 4,4'-DDE | 0.0987 | 0.010 | ug/l | 0.100 | | 99 70-130 | | |
| 4,4'-DDT | 0.120 | 0.010 | ug/l | 0.100 | | 120 70-130 | | |
| Aldrin | 0.103 | 0.010 | ug/l | 0.100 | | 103 50-130 | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

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Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qualifier |
|---|--------|-------|-------|-------------|--|-------------|------|-----------|-----------|
| Batch: W4D1770 - EPA 508.1 (Continued) | | | | | | | | | |
| LCS (W4D1770-BS1) | | | | | Prepared: 04/22/24 Analyzed: 04/30/24 | | | | |
| alpha-BHC | 0.107 | 0.010 | ug/l | 0.100 | 107 | 70-130 | | | |
| beta-BHC | 0.117 | 0.010 | ug/l | 0.100 | 117 | 70-130 | | | |
| delta-BHC | 0.107 | 0.010 | ug/l | 0.100 | 107 | 70-130 | | | |
| Dieldrin | 0.104 | 0.010 | ug/l | 0.100 | 104 | 70-130 | | | |
| Endosulfan I | 0.112 | 0.010 | ug/l | 0.100 | 112 | 70-130 | | | |
| Endosulfan II | 0.117 | 0.010 | ug/l | 0.100 | 117 | 70-130 | | | |
| Endosulfan sulfate | 0.0840 | 0.010 | ug/l | 0.100 | 84 | 70-130 | | | |
| Endrin | 0.134 | 0.010 | ug/l | 0.100 | 134 | 70-130 | | | Q-08 |
| Endrin aldehyde | 0.0995 | 0.010 | ug/l | 0.100 | 100 | 70-130 | | | |
| gamma-BHC (Lindane) | 0.112 | 0.010 | ug/l | 0.100 | 112 | 70-130 | | | |
| Heptachlor | 0.111 | 0.010 | ug/l | 0.100 | 111 | 70-130 | | | |
| Heptachlor epoxide | 0.110 | 0.010 | ug/l | 0.100 | 110 | 70-130 | | | |
| Methoxychlor | 0.108 | 0.010 | ug/l | 0.100 | 108 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 4,4-Dibromobiphenyl | 0.108 | | ug/l | 0.100 | 108 | 70-130 | | | |
| LCS (W4D1770-BS2) | | | | | Prepared: 04/22/24 Analyzed: 04/30/24 | | | | |
| Toxaphene | 1.03 | 1.0 | ug/l | 1.00 | 103 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 4,4-Dibromobiphenyl | 0.128 | | ug/l | 0.100 | 128 | 70-130 | | | |
| LCS Dup (W4D1770-BSD1) | | | | | Prepared: 04/22/24 Analyzed: 04/30/24 | | | | |
| 4,4'-DDD | 0.116 | 0.010 | ug/l | 0.100 | 116 | 70-130 | 4 | 30 | |
| 4,4'-DDE | 0.105 | 0.010 | ug/l | 0.100 | 105 | 70-130 | 6 | 30 | |
| 4,4'-DDT | 0.136 | 0.010 | ug/l | 0.100 | 136 | 70-130 | 13 | 30 | Q-08 |
| Aldrin | 0.0908 | 0.010 | ug/l | 0.100 | 91 | 50-130 | 12 | 30 | |
| alpha-BHC | 0.111 | 0.010 | ug/l | 0.100 | 111 | 70-130 | 4 | 30 | |
| beta-BHC | 0.119 | 0.010 | ug/l | 0.100 | 119 | 70-130 | 2 | 30 | |
| delta-BHC | 0.115 | 0.010 | ug/l | 0.100 | 115 | 70-130 | 7 | 30 | |
| Dieldrin | 0.106 | 0.010 | ug/l | 0.100 | 106 | 70-130 | 2 | 30 | |
| Endosulfan I | 0.116 | 0.010 | ug/l | 0.100 | 116 | 70-130 | 3 | 30 | |
| Endosulfan II | 0.118 | 0.010 | ug/l | 0.100 | 118 | 70-130 | 1 | 30 | |
| Endosulfan sulfate | 0.0978 | 0.010 | ug/l | 0.100 | 98 | 70-130 | 15 | 30 | |
| Endrin | 0.139 | 0.010 | ug/l | 0.100 | 139 | 70-130 | 3 | 30 | Q-08 |
| Endrin aldehyde | 0.0996 | 0.010 | ug/l | 0.100 | 100 | 70-130 | 0.08 | 30 | |
| gamma-BHC (Lindane) | 0.116 | 0.010 | ug/l | 0.100 | 116 | 70-130 | 4 | 30 | |
| Heptachlor | 0.116 | 0.010 | ug/l | 0.100 | 116 | 70-130 | 4 | 30 | |
| Heptachlor epoxide | 0.118 | 0.010 | ug/l | 0.100 | 118 | 70-130 | 7 | 30 | |
| Methoxychlor | 0.119 | 0.010 | ug/l | 0.100 | 119 | 70-130 | 10 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 4,4-Dibromobiphenyl | 0.128 | | ug/l | 0.100 | 128 | 70-130 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Diquat and Paraquat by EPA 549.2

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limit | RPD | RPD Limit | Qualifier |
|--|--------|-----|-------|--|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D0874 - EPA 549.2 | | | | | | | | | | |
| Blank (W4D0874-BLK1) | | | | | | | | | | |
| Diquat | ND | 4.0 | ug/l | | | | | | | |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| LCS (W4D0874-BS1) | | | | | | | | | | |
| Diquat | 12.5 | 4.0 | ug/l | 20.0 | | 62 | 70-130 | | | BS-03 |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike (W4D0874-MS1) | | | | | | | | | | |
| Diquat | 19.7 | 4.0 | ug/l | 20.0 | ND | 99 | 46-122 | | | |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike (W4D0874-MS2) | | | | | | | | | | |
| Diquat | 7.09 | 4.0 | ug/l | 20.0 | ND | 35 | 46-122 | | | MS-01 |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike Dup (W4D0874-MSD1) | | | | | | | | | | |
| Diquat | 19.8 | 4.0 | ug/l | 20.0 | ND | 99 | 46-122 | 0.5 | 30 | |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike Dup (W4D0874-MSD2) | | | | | | | | | | |
| Diquat | 15.2 | 4.0 | ug/l | 20.0 | ND | 76 | 46-122 | 72 | 30 | R-02 |

Quality Control Results

(Continued)

Endothall By EPA 548.1

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limit | RPD | RPD Limit | Qualifier |
|--|--------|-----|-------|--|---------------|------|---------|-----|-----------|----------------|
| Batch: W4D0876 - EPA 548.1 | | | | | | | | | | |
| Blank (W4D0876-BLK1) | | | | | | | | | | |
| Endothall | ND | 45 | ug/l | | | | | | | |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| LCS (W4D0876-BS1) | | | | | | | | | | |
| Endothall | 97.6 | 45 | ug/l | 100 | | 98 | 80-120 | | | |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike (W4D0876-MS1) | | | | | | | | | | |
| Endothall | 0.169 | 90 | ug/l | 200 | ND | 0.08 | 0.1-109 | | | MS-01 |
| | | | | Prepared: 04/10/24 Analyzed: 04/16/24 | | | | | | |
| Matrix Spike Dup (W4D0876-MSD1) | | | | | | | | | | |
| Endothall | 0.143 | 90 | ug/l | 200 | ND | 0.07 | 0.1-109 | 200 | 30 | MS-01, R-03 |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

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05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Glyphosate by EPA 547

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|--|--------|-----|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D1203 - EPA 547 | | | | | | | | | | |
| Blank (W4D1203-BLK1) | | | | | | | | | | |
| Glyphosate | ND | 5.0 | ug/l | | | | | | | |
| LCS (W4D1203-BS1) | | | | | | | | | | |
| Glyphosate | 22.2 | 5.0 | ug/l | 25.0 | | 89 | 70-130 | | | |
| Matrix Spike (W4D1203-MS1) | | | | | | | | | | |
| Glyphosate | 26.0 | 5.0 | ug/l | 25.0 | ND | 104 | 41-149 | | | |
| Matrix Spike (W4D1203-MS2) | | | | | | | | | | |
| Glyphosate | 24.0 | 5.0 | ug/l | 25.0 | ND | 96 | 41-149 | | | |
| Matrix Spike Dup (W4D1203-MSD1) | | | | | | | | | | |
| Glyphosate | 22.8 | 5.0 | ug/l | 25.0 | ND | 91 | 41-149 | 13 | 30 | |
| Matrix Spike Dup (W4D1203-MSD2) | | | | | | | | | | |
| Glyphosate | 27.9 | 5.0 | ug/l | 25.0 | ND | 112 | 41-149 | 15 | 30 | |

Quality Control Results

(Continued)

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 | RPD Limit | Qualifier |
|--|--------|--------|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D0595 - SRL 524M-TCP | | | | | | | | | | |
| Blank (W4D0595-BLK1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.0050 | ug/l | | | | | | | |
| LCS (W4D0595-BS1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0205 | 0.0050 | ug/l | 0.0200 | | 102 | 80-120 | | | |
| LCS Dup (W4D0595-BSD1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0214 | 0.0050 | ug/l | 0.0200 | | 107 | 80-120 | 4 | 20 | |
| Duplicate (W4D0595-DUP1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.370 | 0.025 | ug/l | | 0.383 | | | 4 | 20 | M-05 |
| Batch: W4D0890 - SRL 524M-TCP | | | | | | | | | | |
| Blank (W4D0890-BLK1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.0050 | ug/l | | | | | | | |
| LCS (W4D0890-BS1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0207 | 0.0050 | ug/l | 0.0200 | | 104 | 80-120 | | | |
| LCS Dup (W4D0890-BSD1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0206 | 0.0050 | ug/l | 0.0200 | | 103 | 80-120 | 0.4 | 20 | |
| Matrix Spike (W4D0890-MS1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0207 | 0.0050 | ug/l | 0.0200 | 0.00301 | 88 | 80-120 | | | |
| Matrix Spike Dup (W4D0890-MSD1) | | | | | | | | | | |
| 1,2,3-Trichloropropane | 0.0221 | 0.0050 | ug/l | 0.0200 | 0.00301 | 95 | 80-120 | 6 | 200 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

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Reported:
05/15/2024 09:17

Project Manager: Charlene King

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: W4D0747 - EPA 200.8 | | | | | | | | | | |
| Blank (W4D0747-BLK1) | | | | | | | | | | |
| Prepared: 04/09/24 Analyzed: 04/15/24 | | | | | | | | | | |
| Arsenic, Total | ND | 0.50 | ug/l | | | | | | | |
| Manganese, Total | ND | 1.0 | ug/l | | | | | | | |
| LCS (W4D0747-BS1) | | | | | | | | | | |
| Prepared: 04/09/24 Analyzed: 04/15/24 | | | | | | | | | | |
| Arsenic, Total | 51.8 | 0.50 | ug/l | 50.0 | | 104 | 85-115 | | | |
| Manganese, Total | 50.1 | 1.0 | ug/l | 50.0 | | 100 | 85-115 | | | |
| Matrix Spike (W4D0747-MS1) | | | | | | | | | | |
| Source: 4D02015-01 Prepared: 04/09/24 Analyzed: 04/15/24 | | | | | | | | | | |
| Arsenic, Total | 54.8 | 0.50 | ug/l | 50.0 | 0.423 | 109 | 70-130 | | | |
| Manganese, Total | 136 | 1.0 | ug/l | 50.0 | 88.4 | 96 | 70-130 | | | |
| Matrix Spike Dup (W4D0747-MSD1) | | | | | | | | | | |
| Source: 4D02015-01 Prepared: 04/09/24 Analyzed: 04/15/24 | | | | | | | | | | |
| Arsenic, Total | 56.2 | 0.50 | ug/l | 50.0 | 0.423 | 111 | 70-130 | 2 | 30 | |
| Manganese, Total | 137 | 1.0 | ug/l | 50.0 | 88.4 | 97 | 70-130 | 0.5 | 30 | |

Water Replenishment District
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Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

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: W4D1700 - EPA 533 | | | | | | | | |
| Blank (W4D1700-BLK1) | | | | Prepared: 04/19/24 Analyzed: 04/23/24 | | | | |
| 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 | | | | | |
| PFUnA | ND | 2.0 | ng/l | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | |
| 13C2-4:2 FTS | 42.2 | | ng/l | 40.0 | | 105 50-200 | | |
| 13C2-6:2 FTS | 43.3 | | ng/l | 40.0 | | 108 50-200 | | |
| 13C2-8:2 FTS | 44.3 | | ng/l | 40.0 | | 111 50-200 | | |
| 13C2-PFDoA | 10.0 | | ng/l | 10.0 | | 100 50-200 | | |
| 13C3-PFBS | 11.7 | | ng/l | 10.0 | | 117 50-200 | | |
| 13C3-PFHxS | 11.2 | | ng/l | 10.0 | | 112 50-200 | | |
| 13C4-PFBA | 10.9 | | ng/l | 10.0 | | 109 50-200 | | |
| 13C4-PFHpA | 10.3 | | ng/l | 10.0 | | 103 50-200 | | |
| 13C5-PFHxA | 10.4 | | ng/l | 10.0 | | 104 50-200 | | |
| 13C5-PFPeA | 10.9 | | ng/l | 10.0 | | 109 50-200 | | |
| 13C6-PFDA | 10.6 | | ng/l | 10.0 | | 106 50-200 | | |
| 13C7-PFUnA | 10.4 | | ng/l | 10.0 | | 104 50-200 | | |
| 13C8-PFOA | 10.4 | | ng/l | 10.0 | | 104 50-200 | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1700 - EPA 533 (Continued) | | | | | | | | | |
| Blank (W4D1700-BLK1) | | | | | Prepared: 04/19/24 Analyzed: 04/23/24 | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C8-PFOS | 11.6 | | ng/l | 10.0 | | 116 50-200 | | | |
| 13C9-PFNA | 10.3 | | ng/l | 10.0 | | 103 50-200 | | | |
| HFPO-DA-13C3 | 9.72 | | ng/l | 10.0 | | 97 50-200 | | | |
| LCS (W4D1700-BS1) | | | | | Prepared: 04/19/24 Analyzed: 04/23/24 | | | | |
| 11CI-PF3OUdS | 57.0 | 2.0 | ng/l | 60.0 | | 95 70-130 | | | |
| 4:2 FTS | 50.6 | 2.0 | ng/l | 60.0 | | 84 70-130 | | | |
| 6:2 FTS | 58.4 | 2.0 | ng/l | 60.0 | | 97 70-130 | | | |
| 8:2 FTS | 56.3 | 2.0 | ng/l | 60.0 | | 94 70-130 | | | |
| 9CI-PF3ONS | 58.0 | 2.0 | ng/l | 60.0 | | 97 70-130 | | | |
| ADONA | 55.3 | 2.0 | ng/l | 60.0 | | 92 70-130 | | | |
| HFPO-DA | 58.2 | 2.0 | ng/l | 60.0 | | 97 70-130 | | | |
| NFDHA | 64.2 | 2.0 | ng/l | 60.0 | | 107 70-130 | | | |
| PFBA | 56.9 | 2.0 | ng/l | 60.0 | | 95 70-130 | | | |
| PFBS | 54.6 | 2.0 | ng/l | 60.0 | | 91 70-130 | | | |
| PFDA | 55.4 | 2.0 | ng/l | 60.0 | | 92 70-130 | | | |
| PFDoA | 60.2 | 2.0 | ng/l | 60.0 | | 100 70-130 | | | |
| PFEESA | 55.5 | 2.0 | ng/l | 60.0 | | 93 70-130 | | | |
| PFHpA | 55.6 | 2.0 | ng/l | 60.0 | | 93 70-130 | | | |
| PFHpS | 57.4 | 2.0 | ng/l | 60.0 | | 96 70-130 | | | |
| PFHxA | 57.4 | 2.0 | ng/l | 60.0 | | 96 70-130 | | | |
| PFHxS | 56.3 | 2.0 | ng/l | 60.0 | | 94 70-130 | | | |
| PFMBA | 57.0 | 2.0 | ng/l | 60.0 | | 95 70-130 | | | |
| PFMPA | 58.3 | 2.0 | ng/l | 60.0 | | 97 70-130 | | | |
| PFNA | 56.6 | 2.0 | ng/l | 60.0 | | 94 70-130 | | | |
| PFOA | 56.5 | 2.0 | ng/l | 60.0 | | 94 70-130 | | | |
| PFOS | 56.0 | 2.0 | ng/l | 60.0 | | 93 70-130 | | | |
| PFPeA | 56.6 | 2.0 | ng/l | 60.0 | | 94 70-130 | | | |
| PFPeS | 56.8 | 2.0 | ng/l | 60.0 | | 95 70-130 | | | |
| PFUnA | 58.2 | 2.0 | ng/l | 60.0 | | 97 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C2-4:2 FTS | 41.3 | | ng/l | 40.0 | | 103 50-200 | | | |
| 13C2-6:2 FTS | 42.5 | | ng/l | 40.0 | | 106 50-200 | | | |
| 13C2-8:2 FTS | 43.6 | | ng/l | 40.0 | | 109 50-200 | | | |
| 13C2-PFDoA | 9.73 | | ng/l | 10.0 | | 97 50-200 | | | |
| 13C3-PFBS | 11.0 | | ng/l | 10.0 | | 110 50-200 | | | |
| 13C3-PFHxS | 10.9 | | ng/l | 10.0 | | 109 50-200 | | | |
| 13C4-PFBA | 10.9 | | ng/l | 10.0 | | 109 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:
05/15/2024 09:17

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: W4D1700 - EPA 533 (Continued) | | | | | | | | | |
| LCS (W4D1700-BS1) | | | | | Prepared: 04/19/24 Analyzed: 04/23/24 | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C5-PFHxA | 9.87 | | ng/l | 10.0 | 99 | 50-200 | | | |
| 13C5-PFPeA | 11.1 | | ng/l | 10.0 | 111 | 50-200 | | | |
| 13C6-PFDA | 10.3 | | ng/l | 10.0 | 103 | 50-200 | | | |
| 13C7-PFUnA | 9.79 | | ng/l | 10.0 | 98 | 50-200 | | | |
| 13C8-PFOA | 9.69 | | ng/l | 10.0 | 97 | 50-200 | | | |
| 13C8-PFOS | 11.0 | | ng/l | 10.0 | 110 | 50-200 | | | |
| 13C9-PFNA | 9.92 | | ng/l | 10.0 | 99 | 50-200 | | | |
| HFPO-DA-13C3 | 9.71 | | ng/l | 10.0 | 97 | 50-200 | | | |
| LCS Dup (W4D1700-BSD1) | | | | | Prepared: 04/19/24 Analyzed: 04/23/24 | | | | |
| 11CI-PF3OUdS | 54.6 | 2.0 | ng/l | 60.0 | 91 | 70-130 | 4 | 30 | |
| 4:2 FTS | 46.9 | 2.0 | ng/l | 60.0 | 78 | 70-130 | 8 | 30 | |
| 6:2 FTS | 55.8 | 2.0 | ng/l | 60.0 | 93 | 70-130 | 5 | 30 | |
| 8:2 FTS | 56.8 | 2.0 | ng/l | 60.0 | 95 | 70-130 | 0.7 | 30 | |
| 9CI-PF3ONS | 54.4 | 2.0 | ng/l | 60.0 | 91 | 70-130 | 7 | 30 | |
| ADONA | 56.7 | 2.0 | ng/l | 60.0 | 94 | 70-130 | 3 | 30 | |
| HFPO-DA | 56.6 | 2.0 | ng/l | 60.0 | 94 | 70-130 | 3 | 30 | |
| NFDHA | 63.0 | 2.0 | ng/l | 60.0 | 105 | 70-130 | 2 | 30 | |
| PFBA | 56.9 | 2.0 | ng/l | 60.0 | 95 | 70-130 | 0.04 | 30 | |
| PFBS | 58.0 | 2.0 | ng/l | 60.0 | 97 | 70-130 | 6 | 30 | |
| PFDA | 57.3 | 2.0 | ng/l | 60.0 | 95 | 70-130 | 3 | 30 | |
| PFDoA | 59.2 | 2.0 | ng/l | 60.0 | 99 | 70-130 | 2 | 30 | |
| PFEESA | 56.7 | 2.0 | ng/l | 60.0 | 94 | 70-130 | 2 | 30 | |
| PFHpA | 56.4 | 2.0 | ng/l | 60.0 | 94 | 70-130 | 2 | 30 | |
| PFHpS | 55.0 | 2.0 | ng/l | 60.0 | 92 | 70-130 | 4 | 30 | |
| PFHxA | 58.5 | 2.0 | ng/l | 60.0 | 97 | 70-130 | 2 | 30 | |
| PFHxS | 59.6 | 2.0 | ng/l | 60.0 | 99 | 70-130 | 6 | 30 | |
| PFMBA | 56.0 | 2.0 | ng/l | 60.0 | 93 | 70-130 | 2 | 30 | |
| PFMPA | 57.2 | 2.0 | ng/l | 60.0 | 95 | 70-130 | 2 | 30 | |
| PFNA | 56.0 | 2.0 | ng/l | 60.0 | 93 | 70-130 | 1 | 30 | |
| PFOA | 55.8 | 2.0 | ng/l | 60.0 | 93 | 70-130 | 1 | 30 | |
| PFOS | 54.8 | 2.0 | ng/l | 60.0 | 91 | 70-130 | 2 | 30 | |
| PFPeA | 54.5 | 2.0 | ng/l | 60.0 | 91 | 70-130 | 4 | 30 | |
| PFPeS | 57.4 | 2.0 | ng/l | 60.0 | 96 | 70-130 | 1 | 30 | |
| PFUnA | 56.9 | 2.0 | ng/l | 60.0 | 95 | 70-130 | 2 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C2-4:2 FTS | 43.3 | | ng/l | 40.0 | 108 | 50-200 | | | |
| 13C2-6:2 FTS | 43.8 | | ng/l | 40.0 | 109 | 50-200 | | | |
| 13C2-8:2 FTS | 43.1 | | ng/l | 40.0 | 108 | 50-200 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1700 - EPA 533 (Continued) | | | | | | | | | | |
| LCS Dup (W4D1700-BSD1) | | | | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 13C2-PFDoA | 10.3 | | ng/l | 10.0 | | 103 | 50-200 | | | |
| 13C3-PFBS | 10.8 | | ng/l | 10.0 | | 108 | 50-200 | | | |
| 13C3-PFHxS | 10.6 | | ng/l | 10.0 | | 106 | 50-200 | | | |
| 13C4-PFBA | 10.7 | | ng/l | 10.0 | | 107 | 50-200 | | | |
| 13C4-PFHpA | 10.2 | | ng/l | 10.0 | | 102 | 50-200 | | | |
| 13C5-PFHxA | 9.86 | | ng/l | 10.0 | | 99 | 50-200 | | | |
| 13C5-PFPeA | 11.4 | | ng/l | 10.0 | | 114 | 50-200 | | | |
| 13C6-PFDA | 10.0 | | ng/l | 10.0 | | 100 | 50-200 | | | |
| 13C7-PFUnA | 10.3 | | ng/l | 10.0 | | 103 | 50-200 | | | |
| 13C8-PFOA | 10.0 | | ng/l | 10.0 | | 100 | 50-200 | | | |
| 13C8-PFOS | 11.2 | | ng/l | 10.0 | | 112 | 50-200 | | | |
| 13C9-PFNA | 9.97 | | ng/l | 10.0 | | 100 | 50-200 | | | |
| HFPO-DA-13C3 | 10.0 | | ng/l | 10.0 | | 100 | 50-200 | | | |

Prepared: 04/19/24 Analyzed: 04/23/24

Batch: W4D1960 - EPA 533

| | | | | | | | | | | |
|-----------------------------|----|-----|------|--|--|--|--|--|--|--|
| Blank (W4D1960-BLK1) | | | | | | | | | | |
| 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 | | | | | | | |

Prepared: 04/23/24 Analyzed: 04/25/24

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1960 - EPA 533 (Continued) | | | | | | | | | | |
| Blank (W4D1960-BLK1) | | | | | | | | | | |
| Prepared: 04/23/24 Analyzed: 04/25/24 | | | | | | | | | | |
| PFPeS | ND | 2.0 | ng/l | | | | | | | |
| PUnA | ND | 2.0 | ng/l | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 13C2-4:2 FTS | 38.7 | | ng/l | 40.0 | | 97 | 50-200 | | | |
| 13C2-6:2 FTS | 40.1 | | ng/l | 40.0 | | 100 | 50-200 | | | |
| 13C2-8:2 FTS | 39.0 | | ng/l | 40.0 | | 98 | 50-200 | | | |
| 13C2-PFDoA | 10.8 | | ng/l | 10.0 | | 108 | 50-200 | | | |
| 13C3-PFBS | 10.6 | | ng/l | 10.0 | | 106 | 50-200 | | | |
| 13C3-PFHxS | 11.1 | | ng/l | 10.0 | | 111 | 50-200 | | | |
| 13C4-PFBA | 10.8 | | ng/l | 10.0 | | 108 | 50-200 | | | |
| 13C4-PFHpA | 11.0 | | ng/l | 10.0 | | 110 | 50-200 | | | |
| 13C5-PFHxA | 11.0 | | ng/l | 10.0 | | 110 | 50-200 | | | |
| 13C5-PFPeA | 11.0 | | ng/l | 10.0 | | 110 | 50-200 | | | |
| 13C6-PFDA | 10.5 | | ng/l | 10.0 | | 105 | 50-200 | | | |
| 13C7-PFUnA | 10.2 | | ng/l | 10.0 | | 102 | 50-200 | | | |
| 13C8-PFOA | 11.0 | | ng/l | 10.0 | | 110 | 50-200 | | | |
| 13C8-PFOS | 9.66 | | ng/l | 10.0 | | 97 | 50-200 | | | |
| 13C9-PFNA | 10.9 | | ng/l | 10.0 | | 109 | 50-200 | | | |
| HFPO-DA-13C3 | 10.7 | | ng/l | 10.0 | | 107 | 50-200 | | | |
| LCS (W4D1960-BS1) | | | | | | | | | | |
| Prepared: 04/23/24 Analyzed: 04/25/24 | | | | | | | | | | |
| 11CI-PF3OUdS | 2.03 | 2.0 | ng/l | 2.00 | | 101 | 50-150 | | | |
| 4:2 FTS | 2.29 | 2.0 | ng/l | 2.00 | | 114 | 50-150 | | | |
| 6:2 FTS | 2.52 | 2.0 | ng/l | 2.00 | | 126 | 50-150 | | | |
| 8:2 FTS | 2.49 | 2.0 | ng/l | 2.00 | | 125 | 50-150 | | | |
| 9CI-PF3ONS | 2.22 | 2.0 | ng/l | 2.00 | | 111 | 50-150 | | | |
| ADONA | 2.25 | 2.0 | ng/l | 2.00 | | 112 | 50-150 | | | |
| HFPO-DA | 2.31 | 2.0 | ng/l | 2.00 | | 115 | 50-150 | | | |
| NFDHA | 1.90 | 2.0 | ng/l | 2.00 | | 95 | 50-150 | | | |
| PFBA | 2.29 | 2.0 | ng/l | 2.00 | | 115 | 50-150 | | | |
| PFBS | 2.30 | 2.0 | ng/l | 2.00 | | 115 | 50-150 | | | |
| PFDA | 2.06 | 2.0 | ng/l | 2.00 | | 103 | 50-150 | | | |
| PFDoA | 2.10 | 2.0 | ng/l | 2.00 | | 105 | 50-150 | | | |
| PFEESA | 2.25 | 2.0 | ng/l | 2.00 | | 113 | 50-150 | | | |
| PFHpA | 2.17 | 2.0 | ng/l | 2.00 | | 109 | 50-150 | | | |
| PFHpS | 2.24 | 2.0 | ng/l | 2.00 | | 112 | 50-150 | | | |
| PFHxA | 2.13 | 2.0 | ng/l | 2.00 | | 107 | 50-150 | | | |
| PFHxS | 2.47 | 2.0 | ng/l | 2.00 | | 124 | 50-150 | | | |
| PFMBA | 2.21 | 2.0 | ng/l | 2.00 | | 111 | 50-150 | | | |
| PFMPA | 2.38 | 2.0 | ng/l | 2.00 | | 119 | 50-150 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1960 - EPA 533 (Continued) | | | | | | | | | |
| LCS (W4D1960-BS1) | | | | | Prepared: 04/23/24 Analyzed: 04/25/24 | | | | |
| PFNA | 2.41 | 2.0 | ng/l | 2.00 | 120 | 50-150 | | | |
| PFOA | 2.40 | 2.0 | ng/l | 2.00 | 120 | 50-150 | | | |
| PFOS | 2.27 | 2.0 | ng/l | 2.00 | 114 | 50-150 | | | |
| PFPeA | 2.12 | 2.0 | ng/l | 2.00 | 106 | 50-150 | | | |
| PFPeS | 2.16 | 2.0 | ng/l | 2.00 | 108 | 50-150 | | | |
| PFUnA | 2.28 | 2.0 | ng/l | 2.00 | 114 | 50-150 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C2-4:2 FTS | 41.8 | | ng/l | 40.0 | 104 | 50-200 | | | |
| 13C2-6:2 FTS | 41.2 | | ng/l | 40.0 | 103 | 50-200 | | | |
| 13C2-8:2 FTS | 41.8 | | ng/l | 40.0 | 104 | 50-200 | | | |
| 13C2-PFDoA | 10.8 | | ng/l | 10.0 | 108 | 50-200 | | | |
| 13C3-PFBS | 10.9 | | ng/l | 10.0 | 109 | 50-200 | | | |
| 13C3-PFHxS | 11.4 | | ng/l | 10.0 | 114 | 50-200 | | | |
| 13C4-PFBA | 11.2 | | ng/l | 10.0 | 112 | 50-200 | | | |
| 13C4-PFHpA | 11.2 | | ng/l | 10.0 | 112 | 50-200 | | | |
| 13C5-PFHxA | 11.6 | | ng/l | 10.0 | 116 | 50-200 | | | |
| 13C5-PFPeA | 11.4 | | ng/l | 10.0 | 114 | 50-200 | | | |
| 13C6-PFDA | 11.1 | | ng/l | 10.0 | 111 | 50-200 | | | |
| 13C7-PFUnA | 10.6 | | ng/l | 10.0 | 106 | 50-200 | | | |
| 13C8-PFOA | 11.1 | | ng/l | 10.0 | 111 | 50-200 | | | |
| 13C8-PFOS | 10.9 | | ng/l | 10.0 | 109 | 50-200 | | | |
| 13C9-PFNA | 11.0 | | ng/l | 10.0 | 110 | 50-200 | | | |
| HFPO-DA-13C3 | 11.8 | | ng/l | 10.0 | 118 | 50-200 | | | |
| LCS Dup (W4D1960-BSD1) | | | | | Prepared: 04/23/24 Analyzed: 04/25/24 | | | | |
| 11CI-PF3OUdS | 2.06 | 2.0 | ng/l | 2.00 | 103 | 50-150 | 2 | 50 | |
| 4:2 FTS | 2.09 | 2.0 | ng/l | 2.00 | 105 | 50-150 | 9 | 50 | |
| 6:2 FTS | 2.68 | 2.0 | ng/l | 2.00 | 134 | 50-150 | 6 | 50 | |
| 8:2 FTS | 1.99 | 2.0 | ng/l | 2.00 | 100 | 50-150 | 22 | 50 | |
| 9CI-PF3ONS | 2.11 | 2.0 | ng/l | 2.00 | 106 | 50-150 | 5 | 50 | |
| ADONA | 2.04 | 2.0 | ng/l | 2.00 | 102 | 50-150 | 10 | 50 | |
| HFPO-DA | 2.35 | 2.0 | ng/l | 2.00 | 118 | 50-150 | 2 | 50 | |
| NFDHA | 2.82 | 2.0 | ng/l | 2.00 | 141 | 50-150 | 39 | 50 | |
| PFBA | 2.26 | 2.0 | ng/l | 2.00 | 113 | 50-150 | 1 | 50 | |
| PFBS | 2.21 | 2.0 | ng/l | 2.00 | 110 | 50-150 | 4 | 50 | |
| PFDA | 1.98 | 2.0 | ng/l | 2.00 | 99 | 50-150 | 4 | 50 | |
| PFDoA | 2.18 | 2.0 | ng/l | 2.00 | 109 | 50-150 | 4 | 50 | |
| PFEESA | 1.89 | 2.0 | ng/l | 2.00 | 94 | 50-150 | 18 | 50 | |
| PFHpA | 2.03 | 2.0 | ng/l | 2.00 | 102 | 50-150 | 7 | 50 | |
| PFHpS | 2.11 | 2.0 | ng/l | 2.00 | 105 | 50-150 | 6 | 50 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1960 - EPA 533 (Continued) | | | | | | | | | |
| LCS Dup (W4D1960-BSD1) | | | | | Prepared: 04/23/24 Analyzed: 04/25/24 | | | | |
| PFHxA | 2.14 | 2.0 | ng/l | 2.00 | | 107 50-150 | 0.1 | 50 | |
| PFHxS | 2.14 | 2.0 | ng/l | 2.00 | | 107 50-150 | 14 | 50 | |
| PFMBA | 2.04 | 2.0 | ng/l | 2.00 | | 102 50-150 | 8 | 50 | |
| PFMPA | 2.12 | 2.0 | ng/l | 2.00 | | 106 50-150 | 11 | 50 | |
| PFNA | 2.04 | 2.0 | ng/l | 2.00 | | 102 50-150 | 17 | 50 | |
| PFOA | 2.53 | 2.0 | ng/l | 2.00 | | 126 50-150 | 5 | 50 | |
| PFOS | 2.32 | 2.0 | ng/l | 2.00 | | 116 50-150 | 2 | 50 | |
| PFPeA | 2.06 | 2.0 | ng/l | 2.00 | | 103 50-150 | 3 | 50 | |
| PFPeS | 2.14 | 2.0 | ng/l | 2.00 | | 107 50-150 | 1 | 50 | |
| PFUnA | 2.22 | 2.0 | ng/l | 2.00 | | 111 50-150 | 3 | 50 | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 13C2-4:2 FTS | 40.8 | | ng/l | 40.0 | | 102 50-200 | | | |
| 13C2-6:2 FTS | 40.9 | | ng/l | 40.0 | | 102 50-200 | | | |
| 13C2-8:2 FTS | 40.7 | | ng/l | 40.0 | | 102 50-200 | | | |
| 13C2-PFDoA | 10.4 | | ng/l | 10.0 | | 104 50-200 | | | |
| 13C3-PFBS | 11.2 | | ng/l | 10.0 | | 112 50-200 | | | |
| 13C3-PFHxS | 11.2 | | ng/l | 10.0 | | 112 50-200 | | | |
| 13C4-PFBA | 11.5 | | ng/l | 10.0 | | 115 50-200 | | | |
| 13C4-PFHpA | 11.1 | | ng/l | 10.0 | | 111 50-200 | | | |
| 13C5-PFHxA | 10.9 | | ng/l | 10.0 | | 109 50-200 | | | |
| 13C5-PFPeA | 11.6 | | ng/l | 10.0 | | 116 50-200 | | | |
| 13C6-PFDA | 10.9 | | ng/l | 10.0 | | 109 50-200 | | | |
| 13C7-PFUnA | 10.1 | | ng/l | 10.0 | | 101 50-200 | | | |
| 13C8-PFOA | 11.0 | | ng/l | 10.0 | | 110 50-200 | | | |
| 13C8-PFOS | 10.6 | | ng/l | 10.0 | | 106 50-200 | | | |
| 13C9-PFNA | 10.8 | | ng/l | 10.0 | | 108 50-200 | | | |
| HFPO-DA-13C3 | 11.0 | | ng/l | 10.0 | | 110 50-200 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
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Project Manager: Charlene King

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qualifier |
|-----------------------------------|--------|------|-------|-------------|--|-------------|-----|-----------|-----------|
| Batch: W4D1449 - EPA 525.2 | | | | | | | | | |
| Blank (W4D1449-BLK1) | | | | | Prepared: 04/17/24 Analyzed: 05/08/24 | | | | |
| Alachlor | ND | 0.10 | ug/l | | | | | | |
| Atrazine | ND | 0.10 | ug/l | | | | | | |
| Benzo (a) pyrene | ND | 0.10 | ug/l | | | | | | |
| Bis(2-ethylhexyl)adipate | ND | 5.0 | ug/l | | | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 3.0 | ug/l | | | | | | |
| Bromacil | ND | 0.50 | ug/l | | | | | | |
| Butachlor | ND | 0.10 | ug/l | | | | | | |
| Captan | ND | 1.0 | ug/l | | | | | | |
| Chlorpropham | ND | 0.10 | ug/l | | | | | | |
| Diazinon | ND | 0.10 | ug/l | | | | | | |
| Dimethoate | ND | 0.20 | ug/l | | | | | | |
| Diphenamid | ND | 0.10 | ug/l | | | | | | |
| Disulfoton | ND | 0.20 | ug/l | | | | | | |
| EPTC | ND | 0.10 | ug/l | | | | | | |
| Hexachlorocyclopentadiene | ND | 1.0 | ug/l | | | | | | |
| Metolachlor | ND | 0.10 | ug/l | | | | | | |
| Metribuzin | ND | 0.10 | ug/l | | | | | | |
| Molinate | ND | 0.10 | ug/l | | | | | | |
| Prometryn | ND | 0.10 | ug/l | | | | | | |
| Simazine | ND | 0.10 | ug/l | | | | | | |
| Terbacil | ND | 2.0 | ug/l | | | | | | |
| Thiobencarb | ND | 0.10 | ug/l | | | | | | |
| Trithion | ND | 0.10 | ug/l | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 1,3-Dimethyl-2-nitrobenzene | 5.28 | | ug/l | 5.00 | | 106 70-130 | | | |
| Perylene-d12 | 4.67 | | ug/l | 5.00 | | 93 50-120 | | | |
| Triphenyl phosphate | 5.14 | | ug/l | 5.00 | | 103 70-130 | | | |
| LCS (W4D1449-BS1) | | | | | Prepared: 04/17/24 Analyzed: 05/08/24 | | | | |
| Alachlor | 10.2 | 0.10 | ug/l | 7.50 | | 136 70-130 | | | Q-08 |
| Atrazine | 5.71 | 0.10 | ug/l | 5.00 | | 114 70-130 | | | |
| Benzo (a) pyrene | 4.80 | 0.10 | ug/l | 5.00 | | 96 60-130 | | | |
| Bis(2-ethylhexyl)adipate | 6.28 | 5.0 | ug/l | 5.00 | | 126 70-130 | | | |
| Bis(2-ethylhexyl)phthalate | 5.48 | 3.0 | ug/l | 5.00 | | 110 70-130 | | | |
| Bromacil | 5.16 | 0.50 | ug/l | 5.00 | | 103 70-130 | | | |
| Butachlor | 5.65 | 0.10 | ug/l | 5.00 | | 113 70-130 | | | |
| Captan | 6.88 | 1.0 | ug/l | 5.00 | | 138 70-130 | | | Q-08 |
| Chlorpropham | 7.04 | 0.10 | ug/l | 5.00 | | 141 70-130 | | | Q-08 |
| Diazinon | 5.26 | 0.10 | ug/l | 5.00 | | 105 50-120 | | | |
| Dimethoate | 4.56 | 0.20 | ug/l | 5.00 | | 91 50-120 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qualifier |
|---|--------|------|-------|-------------|--|-------------|------|-----------|-----------|
| Batch: W4D1449 - EPA 525.2 (Continued) | | | | | | | | | |
| LCS (W4D1449-BS1) | | | | | Prepared: 04/17/24 Analyzed: 05/08/24 | | | | |
| Diphenamid | 6.83 | 0.10 | ug/l | 5.00 | 137 | 70-130 | | | Q-08 |
| Disulfoton | 6.62 | 0.20 | ug/l | 5.00 | 132 | 50-120 | | | Q-08 |
| EPTC | 6.31 | 0.10 | ug/l | 5.00 | 126 | 70-130 | | | |
| Hexachlorocyclopentadiene | 1.66 | 1.0 | ug/l | 2.50 | 66 | 33-106 | | | |
| Metolachlor | 6.44 | 0.10 | ug/l | 5.00 | 129 | 60-130 | | | |
| Metribuzin | 5.07 | 0.10 | ug/l | 5.00 | 101 | 50-120 | | | |
| Molinate | 6.32 | 0.10 | ug/l | 5.00 | 126 | 70-130 | | | |
| Prometryn | 4.14 | 0.10 | ug/l | 5.00 | 83 | 30-120 | | | |
| Simazine | 5.08 | 0.10 | ug/l | 5.00 | 102 | 60-130 | | | |
| Terbacil | 2.86 | 2.0 | ug/l | 5.00 | 57 | 70-130 | | | Q-02 |
| Thiobencarb | 6.57 | 0.10 | ug/l | 5.00 | 131 | 70-130 | | | Q-08 |
| Trithion | 5.42 | 0.10 | ug/l | 5.00 | 108 | 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 1,3-Dimethyl-2-nitrobenzene | 5.35 | | ug/l | 5.00 | 107 | 70-130 | | | |
| Perylene-d12 | 4.63 | | ug/l | 5.00 | 93 | 50-120 | | | |
| Triphenyl phosphate | 5.30 | | ug/l | 5.00 | 106 | 70-130 | | | |
| LCS Dup (W4D1449-BS1) | | | | | Prepared: 04/17/24 Analyzed: 05/08/24 | | | | |
| Alachlor | 10.9 | 0.10 | ug/l | 7.50 | 145 | 70-130 | 6 | 30 | Q-08 |
| Atrazine | 6.05 | 0.10 | ug/l | 5.00 | 121 | 70-130 | 6 | 30 | |
| Benzo (a) pyrene | 4.84 | 0.10 | ug/l | 5.00 | 97 | 60-130 | 0.8 | 30 | |
| Bis(2-ethylhexyl)adipate | 6.60 | 5.0 | ug/l | 5.00 | 132 | 70-130 | 5 | 30 | Q-08 |
| Bis(2-ethylhexyl)phthalate | 5.89 | 3.0 | ug/l | 5.00 | 118 | 70-130 | 7 | 30 | |
| Bromacil | 5.22 | 0.50 | ug/l | 5.00 | 104 | 70-130 | 1 | 30 | |
| Butachlor | 6.05 | 0.10 | ug/l | 5.00 | 121 | 70-130 | 7 | 30 | |
| Captan | 7.52 | 1.0 | ug/l | 5.00 | 150 | 70-130 | 9 | 30 | Q-08 |
| Chlorpropham | 7.18 | 0.10 | ug/l | 5.00 | 144 | 70-130 | 2 | 30 | Q-08 |
| Diazinon | 5.27 | 0.10 | ug/l | 5.00 | 105 | 50-120 | 0.3 | 30 | |
| Dimethoate | 4.42 | 0.20 | ug/l | 5.00 | 88 | 50-120 | 3 | 30 | |
| Diphenamid | 7.18 | 0.10 | ug/l | 5.00 | 144 | 70-130 | 5 | 30 | Q-08 |
| Disulfoton | 6.76 | 0.20 | ug/l | 5.00 | 135 | 50-120 | 2 | 30 | Q-08 |
| EPTC | 6.43 | 0.10 | ug/l | 5.00 | 129 | 70-130 | 2 | 30 | |
| Hexachlorocyclopentadiene | 1.69 | 1.0 | ug/l | 2.50 | 68 | 33-106 | 2 | 30 | |
| Metolachlor | 6.55 | 0.10 | ug/l | 5.00 | 131 | 60-130 | 2 | 30 | Q-08 |
| Metribuzin | 5.34 | 0.10 | ug/l | 5.00 | 107 | 50-120 | 5 | 30 | |
| Molinate | 6.45 | 0.10 | ug/l | 5.00 | 129 | 70-130 | 2 | 30 | |
| Prometryn | 4.16 | 0.10 | ug/l | 5.00 | 83 | 30-120 | 0.4 | 30 | |
| Simazine | 4.96 | 0.10 | ug/l | 5.00 | 99 | 60-130 | 2 | 30 | |
| Terbacil | 3.35 | 2.0 | ug/l | 5.00 | 67 | 70-130 | 16 | 30 | Q-02 |
| Thiobencarb | 6.57 | 0.10 | ug/l | 5.00 | 131 | 70-130 | 0.07 | 30 | Q-08 |

Water Replenishment District
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Project Number: City of Paramount

Reported:
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Project Manager: Charlene King

Quality Control Results

(Continued)

Semivolatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|---|--------|------|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D1449 - EPA 525.2 (Continued) | | | | | | | | | | |
| LCS Dup (W4D1449-BSD1) | | | | | | | | | | |
| Triethion | 5.56 | 0.10 | ug/l | 5.00 | | 111 | 70-130 | 2 | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,3-Dimethyl-2-nitrobenzene | 5.40 | | ug/l | 5.00 | | 108 | 70-130 | | | |
| Perylene-d12 | 4.73 | | ug/l | 5.00 | | 95 | 50-120 | | | |
| Triphenyl phosphate | 5.50 | | ug/l | 5.00 | | 110 | 70-130 | | | |

(Continued)

Quality Control Results

Semivolatile Organics - Low Level by Tandem GC/MS/MS

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|-----------------------------------|--------|------|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D1123 - EPA 1613B | | | | | | | | | | |
| Blank (W4D1123-BLK1) | | | | | | | | | | |
| 2,3,7,8-TCDD (Dioxin) | ND | 5.00 | pg/l | | | | | | | |
| LCS (W4D1123-BS1) | | | | | | | | | | |
| 2,3,7,8-TCDD (Dioxin) | 8.06 | 5.00 | pg/l | 10.0 | | 81 | 73-146 | | | |
| LCS Dup (W4D1123-BSD1) | | | | | | | | | | |
| 2,3,7,8-TCDD (Dioxin) | 10.2 | 5.00 | pg/l | 10.0 | | 102 | 73-146 | 23 | 20 | Q-12 |

Water Replenishment District
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Quality Control Results

(Continued)

Volatile Organic Compounds by P&T and GC/MS

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|--|--------|------|-------|-------------|---------------|------|--------|-----|-----------|-----------|
| Batch: W4D1105 - EPA 524.2 | | | | | | | | | | |
| Blank (W4D1105-BLK1) | | | | | | | | | | |
| Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | | | | | |
| 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
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Lakewood, CA 90712

Project Number: City of Paramount

Reported:
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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: W4D1105 - EPA 524.2 (Continued) | | | | | | | | | |
| Blank (W4D1105-BLK1) | | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | |
| 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 | 50.7 | | ug/l | 50.0 | | 101 70-130 | | | |
| 4-Bromofluorobenzene | 51.1 | | ug/l | 50.0 | | 102 70-130 | | | |
| LCS (W4D1105-BS1) | | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | |
| 1,1,1,2-Tetrachloroethane | 6.11 | 0.50 | ug/l | 5.00 | | 122 70-130 | | | |
| 1,1,1-Trichloroethane | 5.08 | 0.50 | ug/l | 5.00 | | 102 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 5.33 | 0.50 | ug/l | 5.00 | | 107 70-130 | | | |
| 1,1,2-Trichloroethane | 5.75 | 0.50 | ug/l | 5.00 | | 115 70-130 | | | |
| 1,1-Dichloroethane | 4.43 | 0.50 | ug/l | 5.00 | | 89 70-130 | | | |
| 1,1-Dichloroethene | 4.81 | 0.50 | ug/l | 5.00 | | 96 70-130 | | | |
| 1,1-Dichloropropene | 5.45 | 0.50 | ug/l | 5.00 | | 109 70-130 | | | |

Water Replenishment District
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Project Number: City of Paramount

Reported:
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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: W4D1105 - EPA 524.2 (Continued) | | | | | | | | | |
| LCS (W4D1105-BS1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | |
| 1,2,3-Trichlorobenzene | 5.80 | 0.50 | ug/l | 5.00 | 116 | 70-130 | | | |
| 1,2,4-Trichlorobenzene | 5.86 | 0.50 | ug/l | 5.00 | 117 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 5.77 | 0.50 | ug/l | 5.00 | 115 | 70-130 | | | |
| 1,2-Dichloroethane | 5.26 | 0.50 | ug/l | 5.00 | 105 | 70-130 | | | |
| 1,2-Dichloropropane | 5.00 | 0.50 | ug/l | 5.00 | 100 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 6.13 | 0.50 | ug/l | 5.00 | 123 | 70-130 | | | |
| 1,3-Dichloropropane | 5.74 | 0.50 | ug/l | 5.00 | 115 | 70-130 | | | |
| 2,2-Dichloropropane | 4.33 | 0.50 | ug/l | 5.00 | 87 | 70-130 | | | |
| 2-Butanone | 5.76 | 5.0 | ug/l | 5.00 | 115 | 70-130 | | | |
| 2-Chlorotoluene | 6.19 | 0.50 | ug/l | 5.00 | 124 | 70-130 | | | |
| 2-Hexanone | 5.97 | 5.0 | ug/l | 5.00 | 119 | 70-130 | | | |
| 4-Chlorotoluene | 6.43 | 0.50 | ug/l | 5.00 | 129 | 70-130 | | | |
| 4-Methyl-2-pentanone | 5.23 | 5.0 | ug/l | 5.00 | 105 | 70-130 | | | |
| Benzene | 5.39 | 0.50 | ug/l | 5.00 | 108 | 70-130 | | | |
| Bromobenzene | 5.61 | 0.50 | ug/l | 5.00 | 112 | 70-130 | | | |
| Bromochloromethane | 4.61 | 0.50 | ug/l | 5.00 | 92 | 70-130 | | | |
| Bromodichloromethane | 5.30 | 0.50 | ug/l | 5.00 | 106 | 70-130 | | | |
| Bromoform | 6.04 | 0.50 | ug/l | 5.00 | 121 | 70-130 | | | |
| Bromomethane | 4.44 | 0.50 | ug/l | 5.00 | 89 | 70-130 | | | |
| Carbon tetrachloride | 5.14 | 0.50 | ug/l | 5.00 | 103 | 70-130 | | | |
| Chlorobenzene | 6.29 | 0.50 | ug/l | 5.00 | 126 | 70-130 | | | |
| Chloroethane | 4.51 | 0.50 | ug/l | 5.00 | 90 | 70-130 | | | |
| Chloroform | 5.19 | 0.50 | ug/l | 5.00 | 104 | 70-130 | | | |
| Chloromethane | 3.56 | 0.50 | ug/l | 5.00 | 71 | 70-130 | | | |
| cis-1,2-Dichloroethene | 4.98 | 0.50 | ug/l | 5.00 | 100 | 70-130 | | | |
| cis-1,3-Dichloropropene | 5.69 | 0.50 | ug/l | 5.00 | 114 | 70-130 | | | |
| Dibromochloromethane | 6.07 | 0.50 | ug/l | 5.00 | 121 | 70-130 | | | |
| Dibromomethane | 5.35 | 0.50 | ug/l | 5.00 | 107 | 70-130 | | | |
| Dichlorodifluoromethane (Freon 12) | 5.04 | 0.50 | ug/l | 5.00 | 101 | 70-130 | | | |
| Di-isopropyl ether | 19.1 | 2.0 | ug/l | 20.0 | 95 | 70-130 | | | |
| Ethyl tert-butyl ether | 20.7 | 2.0 | ug/l | 20.0 | 103 | 70-130 | | | |
| Ethylbenzene | 5.54 | 0.50 | ug/l | 5.00 | 111 | 70-130 | | | |
| Freon 113 | 4.92 | 5.0 | ug/l | 5.00 | 98 | 70-130 | | | |
| Hexachlorobutadiene | 5.68 | 0.50 | ug/l | 5.00 | 114 | 70-130 | | | |
| Isopropylbenzene | 5.83 | 0.50 | ug/l | 5.00 | 117 | 70-130 | | | |
| m,p-Xylene | 6.12 | 0.50 | ug/l | 5.00 | 122 | 70-130 | | | |
| m-Dichlorobenzene | 6.18 | 0.50 | ug/l | 5.00 | 124 | 70-130 | | | |
| Methyl tert-butyl ether (MTBE) | 18.8 | 2.0 | ug/l | 20.0 | 94 | 70-130 | | | |
| Methylene chloride | 4.61 | 0.50 | ug/l | 5.00 | 92 | 70-130 | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1105 - EPA 524.2 (Continued) | | | | | | | | | |
| LCS (W4D1105-BS1) | | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | |
| Naphthalene | 5.36 | 0.50 | ug/l | 5.00 | | 107 70-130 | | | |
| n-Butylbenzene | 5.34 | 0.50 | ug/l | 5.00 | | 107 70-130 | | | |
| n-Propylbenzene | 5.40 | 0.50 | ug/l | 5.00 | | 108 70-130 | | | |
| o-Dichlorobenzene | 5.99 | 0.50 | ug/l | 5.00 | | 120 70-130 | | | |
| o-Xylene | 5.88 | 0.50 | ug/l | 5.00 | | 118 70-130 | | | |
| p-Dichlorobenzene | 6.36 | 0.50 | ug/l | 5.00 | | 127 70-130 | | | |
| p-Isopropyltoluene | 5.63 | 0.50 | ug/l | 5.00 | | 113 70-130 | | | |
| sec-Butylbenzene | 5.58 | 0.50 | ug/l | 5.00 | | 112 70-130 | | | |
| Styrene | 5.83 | 0.50 | ug/l | 5.00 | | 117 70-130 | | | |
| Tert-amyl methyl ether | 19.1 | 2.0 | ug/l | 20.0 | | 95 70-130 | | | |
| tert-Butylbenzene | 5.90 | 0.50 | ug/l | 5.00 | | 118 70-130 | | | |
| Tetrachloroethene | 6.23 | 0.50 | ug/l | 5.00 | | 125 70-130 | | | |
| Toluene | 5.63 | 0.50 | ug/l | 5.00 | | 113 70-130 | | | |
| trans-1,2-Dichloroethene | 4.76 | 0.50 | ug/l | 5.00 | | 95 70-130 | | | |
| trans-1,3-Dichloropropene | 5.78 | 0.50 | ug/l | 5.00 | | 116 70-130 | | | |
| Trichloroethene | 5.58 | 0.50 | ug/l | 5.00 | | 112 70-130 | | | |
| Trichlorofluoromethane | 4.82 | 0.50 | ug/l | 5.00 | | 96 70-130 | | | |
| Vinyl chloride | 4.25 | 0.50 | ug/l | 5.00 | | 85 70-130 | | | |
| <i>Surrogate(s)</i> | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 59.8 | | ug/l | 50.0 | | 120 70-130 | | | |
| 4-Bromofluorobenzene | 62.3 | | ug/l | 50.0 | | 125 70-130 | | | |
| LCS Dup (W4D1105-BSD1) | | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | |
| 1,1,1,2-Tetrachloroethane | 5.76 | 0.50 | ug/l | 5.00 | | 115 70-130 | 6 | 30 | |
| 1,1,1-Trichloroethane | 4.93 | 0.50 | ug/l | 5.00 | | 99 70-130 | 3 | 30 | |
| 1,1,2,2-Tetrachloroethane | 5.06 | 0.50 | ug/l | 5.00 | | 101 70-130 | 5 | 30 | |
| 1,1,2-Trichloroethane | 5.31 | 0.50 | ug/l | 5.00 | | 106 70-130 | 8 | 30 | |
| 1,1-Dichloroethane | 4.30 | 0.50 | ug/l | 5.00 | | 86 70-130 | 3 | 30 | |
| 1,1-Dichloroethene | 4.90 | 0.50 | ug/l | 5.00 | | 98 70-130 | 2 | 30 | |
| 1,1-Dichloropropene | 5.11 | 0.50 | ug/l | 5.00 | | 102 70-130 | 6 | 30 | |
| 1,2,3-Trichlorobenzene | 5.53 | 0.50 | ug/l | 5.00 | | 111 70-130 | 5 | 30 | |
| 1,2,4-Trichlorobenzene | 5.57 | 0.50 | ug/l | 5.00 | | 111 70-130 | 5 | 30 | |
| 1,2,4-Trimethylbenzene | 5.39 | 0.50 | ug/l | 5.00 | | 108 70-130 | 7 | 30 | |
| 1,2-Dichloroethane | 5.26 | 0.50 | ug/l | 5.00 | | 105 70-130 | 0.1 | 30 | |
| 1,2-Dichloropropane | 4.87 | 0.50 | ug/l | 5.00 | | 97 70-130 | 3 | 30 | |
| 1,3,5-Trimethylbenzene | 5.75 | 0.50 | ug/l | 5.00 | | 115 70-130 | 6 | 30 | |
| 1,3-Dichloropropane | 5.50 | 0.50 | ug/l | 5.00 | | 110 70-130 | 4 | 30 | |
| 2,2-Dichloropropane | 4.08 | 0.50 | ug/l | 5.00 | | 82 70-130 | 6 | 30 | |
| 2-Butanone | 5.29 | 5.0 | ug/l | 5.00 | | 106 70-130 | 8 | 30 | |
| 2-Chlorotoluene | 5.88 | 0.50 | ug/l | 5.00 | | 118 70-130 | 5 | 30 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1105 - EPA 524.2 (Continued) | | | | | | | | | |
| LCS Dup (W4D1105-BSD1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | |
| 2-Hexanone | 5.74 | 5.0 | ug/l | 5.00 | 115 | 70-130 | 4 | 30 | |
| 4-Chlorotoluene | 5.94 | 0.50 | ug/l | 5.00 | 119 | 70-130 | 8 | 30 | |
| 4-Methyl-2-pentanone | 5.24 | 5.0 | ug/l | 5.00 | 105 | 70-130 | 0.2 | 30 | |
| Benzene | 5.28 | 0.50 | ug/l | 5.00 | 106 | 70-130 | 2 | 30 | |
| Bromobenzene | 5.39 | 0.50 | ug/l | 5.00 | 108 | 70-130 | 4 | 30 | |
| Bromochloromethane | 4.64 | 0.50 | ug/l | 5.00 | 93 | 70-130 | 0.6 | 30 | |
| Bromodichloromethane | 5.13 | 0.50 | ug/l | 5.00 | 103 | 70-130 | 3 | 30 | |
| Bromoform | 5.77 | 0.50 | ug/l | 5.00 | 115 | 70-130 | 4 | 30 | |
| Bromomethane | 4.30 | 0.50 | ug/l | 5.00 | 86 | 70-130 | 3 | 30 | |
| Carbon tetrachloride | 5.05 | 0.50 | ug/l | 5.00 | 101 | 70-130 | 2 | 30 | |
| Chlorobenzene | 6.00 | 0.50 | ug/l | 5.00 | 120 | 70-130 | 5 | 30 | |
| Chloroethane | 4.44 | 0.50 | ug/l | 5.00 | 89 | 70-130 | 2 | 30 | |
| Chloroform | 4.96 | 0.50 | ug/l | 5.00 | 99 | 70-130 | 4 | 30 | |
| Chloromethane | 3.54 | 0.50 | ug/l | 5.00 | 71 | 70-130 | 0.5 | 30 | |
| cis-1,2-Dichloroethene | 4.93 | 0.50 | ug/l | 5.00 | 99 | 70-130 | 1 | 30 | |
| cis-1,3-Dichloropropene | 5.51 | 0.50 | ug/l | 5.00 | 110 | 70-130 | 3 | 30 | |
| Dibromochloromethane | 5.74 | 0.50 | ug/l | 5.00 | 115 | 70-130 | 6 | 30 | |
| Dibromomethane | 5.26 | 0.50 | ug/l | 5.00 | 105 | 70-130 | 2 | 30 | |
| Dichlorodifluoromethane (Freon 12) | 4.74 | 0.50 | ug/l | 5.00 | 95 | 70-130 | 6 | 30 | |
| Di-isopropyl ether | 19.3 | 2.0 | ug/l | 20.0 | 96 | 70-130 | 1 | 30 | |
| Ethyl tert-butyl ether | 21.0 | 2.0 | ug/l | 20.0 | 105 | 70-130 | 1 | 30 | |
| Ethylbenzene | 5.06 | 0.50 | ug/l | 5.00 | 101 | 70-130 | 9 | 30 | |
| Freon 113 | 4.70 | 5.0 | ug/l | 5.00 | 94 | 70-130 | 5 | 30 | |
| Hexachlorobutadiene | 5.19 | 0.50 | ug/l | 5.00 | 104 | 70-130 | 9 | 30 | |
| Isopropylbenzene | 5.38 | 0.50 | ug/l | 5.00 | 108 | 70-130 | 8 | 30 | |
| m,p-Xylene | 5.67 | 0.50 | ug/l | 5.00 | 113 | 70-130 | 8 | 30 | |
| m-Dichlorobenzene | 5.67 | 0.50 | ug/l | 5.00 | 113 | 70-130 | 9 | 30 | |
| Methyl tert-butyl ether (MTBE) | 19.5 | 2.0 | ug/l | 20.0 | 97 | 70-130 | 4 | 30 | |
| Methylene chloride | 4.62 | 0.50 | ug/l | 5.00 | 92 | 70-130 | 0.2 | 30 | |
| Naphthalene | 5.33 | 0.50 | ug/l | 5.00 | 107 | 70-130 | 0.6 | 30 | |
| n-Butylbenzene | 5.05 | 0.50 | ug/l | 5.00 | 101 | 70-130 | 6 | 30 | |
| n-Propylbenzene | 4.99 | 0.50 | ug/l | 5.00 | 100 | 70-130 | 8 | 30 | |
| o-Dichlorobenzene | 5.69 | 0.50 | ug/l | 5.00 | 114 | 70-130 | 5 | 30 | |
| o-Xylene | 5.41 | 0.50 | ug/l | 5.00 | 108 | 70-130 | 8 | 30 | |
| p-Dichlorobenzene | 5.95 | 0.50 | ug/l | 5.00 | 119 | 70-130 | 7 | 30 | |
| p-Isopropyltoluene | 5.30 | 0.50 | ug/l | 5.00 | 106 | 70-130 | 6 | 30 | |
| sec-Butylbenzene | 5.16 | 0.50 | ug/l | 5.00 | 103 | 70-130 | 8 | 30 | |
| Styrene | 5.49 | 0.50 | ug/l | 5.00 | 110 | 70-130 | 6 | 30 | |
| Tert-amyl methyl ether | 19.3 | 2.0 | ug/l | 20.0 | 97 | 70-130 | 1 | 30 | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

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: W4D1105 - EPA 524.2 (Continued) | | | | | | | | | | |
| LCS Dup (W4D1105-BSD1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | |
| tert-Butylbenzene | 5.45 | 0.50 | ug/l | 5.00 | 109 | 70-130 | 8 | 30 | | |
| Tetrachloroethene | 5.62 | 0.50 | ug/l | 5.00 | 112 | 70-130 | 10 | 30 | | |
| Toluene | 5.24 | 0.50 | ug/l | 5.00 | 105 | 70-130 | 7 | 30 | | |
| trans-1,2-Dichloroethene | 4.73 | 0.50 | ug/l | 5.00 | 95 | 70-130 | 0.6 | 30 | | |
| trans-1,3-Dichloropropene | 5.56 | 0.50 | ug/l | 5.00 | 111 | 70-130 | 4 | 30 | | |
| Trichloroethene | 5.13 | 0.50 | ug/l | 5.00 | 103 | 70-130 | 9 | 30 | | |
| Trichlorofluoromethane | 4.52 | 0.50 | ug/l | 5.00 | 90 | 70-130 | 6 | 30 | | |
| Vinyl chloride | 4.17 | 0.50 | ug/l | 5.00 | 83 | 70-130 | 2 | 30 | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 56.4 | | ug/l | 50.0 | 113 | 70-130 | | | | |
| 4-Bromofluorobenzene | 58.3 | | ug/l | 50.0 | 117 | 70-130 | | | | |

(Continued)

Quality Control Results

Volatile Organics by P&T and GC/MS

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Qualifier |
|-----------------------------------|--------|-------|-------|---|---------------|--------|--------|-----|-----------|-----------|
| Batch: W4D1110 - EPA 524.3 | | | | | | | | | | |
| Blank (W4D1110-BLK1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 0.010 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.020 | ug/l | | | | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 0.433 | | ug/l | 0.400 | 108 | 70-130 | | | | |
| 4-Bromofluorobenzene | 0.408 | | ug/l | 0.400 | 102 | 70-130 | | | | |
| LCS (W4D1110-BS1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | |
| 1,2-Dibromo-3-chloropropane | 0.0504 | 0.010 | ug/l | 0.0500 | 101 | 70-130 | | | | |
| 1,2-Dibromoethane (EDB) | 0.0543 | 0.020 | ug/l | 0.0500 | 109 | 70-130 | | | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 0.433 | | ug/l | 0.400 | 108 | 70-130 | | | | |
| 4-Bromofluorobenzene | 0.410 | | ug/l | 0.400 | 103 | 70-130 | | | | |
| LCS Dup (W4D1110-BSD1) | | | | Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | |
| 1,2-Dibromo-3-chloropropane | 0.0494 | 0.010 | ug/l | 0.0500 | 99 | 70-130 | 2 | 30 | | |
| 1,2-Dibromoethane (EDB) | 0.0523 | 0.020 | ug/l | 0.0500 | 105 | 70-130 | 4 | 30 | | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 0.427 | | ug/l | 0.400 | 107 | 70-130 | | | | |
| 4-Bromofluorobenzene | 0.402 | | ug/l | 0.400 | 100 | 70-130 | | | | |
| Duplicate (W4D1110-DUP1) | | | | Source: 4D04018-02 Prepared: 04/12/24 Analyzed: 04/13/24 | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 0.010 | ug/l | | ND | | | | 30 | |
| 1,2-Dibromoethane (EDB) | ND | 0.020 | ug/l | | ND | | | | 30 | |
| <i>Surrogate(s)</i> | | | | | | | | | | |
| 1,2-Dichlorobenzene-d4 | 0.426 | | ug/l | 0.400 | 107 | 70-130 | | | | |
| 4-Bromofluorobenzene | 0.402 | | ug/l | 0.400 | 100 | 70-130 | | | | |

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Reported:
05/15/2024 09:17

Project Manager: Charlene King

Notes and Definitions

| Item | Definition |
|--------|--|
| BS-03 | The recovery of this analyte in the BS/LCS was outside the control limits. The sample result was accepted based on another acceptable BS/LCS and/or MS and MSD that meet BS criteria. |
| M-05 | Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution. |
| MS-01 | The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. |
| Q-02 | Low recovery of this analyte in the QC sample. The analysis of the low level standard produced acceptable recovery indicating that the sample result might be accurately reported as Not Detected. |
| Q-08 | High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit. |
| Q-12 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data. |
| R-02 | The RPD was outside of QC acceptance limits due to possible matrix interference. |
| R-03 | The RPD is not applicable for result below the reporting limit (either ND or J value). |
| %REC | Percent Recovery |
| Dil | Dilution |
| MRL | Method Reporting Limit (MRL) is 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.



14859 Clark Avenue
 City of Industry, CA 91745
 (626) 336-2139
 www.wecklabs.com

Chain of Custody

WECK WKO: 4D05010

Lab Use

Turn Around Times

Normal TAT Days
 Other: _____ Day(s)

Special Handling

QA/QC Data Package
 CLIP
 CEDEN
 EQUIS
 Geotracker EDF
 Watertrax
 Other: _____

Rush: Surcharges will apply for rushes, weekends, and holidays. Confirm with lab PM before submittal. Preschedule rushes takes priority over unscheduled rushes. TAT is subject to capacity.

Client:

Charlene King
 Water Replenishment District
 4040 Paramount Blvd.
 Lakewood CA, 90712

Project: Paramount, City of

Lab PM: Valerie I. Ayo

Project Number: _____

Bill To: _____

PO Number: _____

Sampled By: Carls

Sample Name

Regulatory ID (if applicable)

Sampled

Date/Time (24H)

Smp

Type¹

Matrix²

Num

Cntr

MS/

MSD

Comments

Well 14

Regulatory ID: CA1910105_016_016

4 ' 8 ' 24

FS AQ 23

Field Test

1015

Field-Temperature, Degrees F

Temperature, Degrees F Result

61.6 °F

2 x 125-mL Amb G-522, sulfite(6.5mg), bisulfate(125mg)

EPA 522 - 1,4-Dioxane

EPA 522 - 1,4-Dioxane

1 x 125-mL Amber Glass-515.4

EPA 515.4 - Chlorinated Acid Herbicides

2 x 1-L Amber Glass-508.1, HCL (3mL)

EPA 508.1 - Organochlorine Pesticides & PCBs

EPA 508.1 - Organochlorine Pesticides & PCBs

2 x 1-L Amber Glass-525.2, HCl(3ml)

EPA 525.2 - Regulated 3 & 507 compounds

EPA 525.2 - Regulated 3 & 507 compounds

2 x 1-L Amber Glass-Dioxin

Dioxin 2378TCDD - EPA 1613B-ATP

Dioxin 2378TCDD - EPA 1613B-ATP

1 x 1-L Amber Poly-549, H2SO4(2mL)

EPA 549.2 - Diquat

1 x 250-mL Amber Glass-548

EPA 548.1 - Endothall

2 x 250-mL Poly (PP)-533, AmmoAcetate (0.25g)

EPA 533 - Polyfluoroalkyl Substances (PFAS)

EPA 533 - Polyfluoroalkyl Substances (PFAS)

1 x 250-mL Poly-Metals, HNO3

Manganese in Drinking Water - EPA 200.8

2 x 40-mL VOA Amb-123TCP, Ascorbic(25mg)

1,2,3-TCP in Drinking Water - EPA 524M SIM

1,2,3-TCP in Drinking Water - EPA 524M SIM

2 x 40-mL VOA Amb-524.3, Ascorbic/Maleic acid

EPA 524.3 - Fumigants (EDB, DBCP)

EPA 524.3 - Fumigants (EDB, DBCP)

1 x 40-mL VOA Amb-531.2, Citr(400mg), thiosulf(10mg),



14859 Clark Avenue
 City of Industry, CA 91745
 (626) 336-2139
 www.wecklabs.com

Chain of Custody

WECK WKO: 4D05010

Lab Use

| Sample Name <i>Regulatory ID (if applicable)</i> | Sampled Date/Time (24H) | Smp Type ¹ | Matrix ² | Num Cntr | MS/MSD | Comments |
|---|----------------------------|-----------------------|---------------------|----------|--------|----------|
|---|----------------------------|-----------------------|---------------------|----------|--------|----------|

| | | | | | | |
|--|--|--|--|--|--|--|
| EPA 531.2 - Carbamates 1 x 40-mL VOA Amb-547 EPA 547 - Glyphosate 3 x 40-mL VOA-524.2, HCl(0.5ml) EPA 524.2 - Volatile Organic Compounds EPA 524.2 - Volatile Organic Compounds | | | | | | EPA 524.2 - Volatile Organic Compounds |
|--|--|--|--|--|--|--|

| | | | | | | |
|--|--------|----|----|---|--|----------------------------------|
| Well 14 Field Blank <i>Regulatory ID: CA1910105_016_016</i> | 4/8/24 | FB | AQ | 1 | | |
| Field Test | 1015 | | | | | |
| Field-Temperature, Degrees F 1 x 250-mL Poly (PP)-533, FIELD BLANK Am Ac (0.25g) EPA 533 - Polyfluoroalkyl Substances (PFAS) | | | | | | Temperature, Degrees F Result °F |

| | | | | | | |
|--|--------|----|----|---|--|--|
| Well 15 Pre <i>Regulatory ID: CA1910105_025_025</i> | 4/8/24 | FS | AQ | 8 | | 69.8 |
| Field Test | 1040 | | | | | |
| Field-Temperature, Degrees F 2 x 250-mL Poly (PP)-533, AmmoAcetate (0.25g) EPA 533 - Polyfluoroalkyl Substances (PFAS) 1 x 250-mL Poly-Metals, HNO3 Arsenic in Drinking Water - EPA 200.8 2 x 40-mL VOA Amb-123TCP, Ascorbic(25mg) 1,2,3-TCP in Drinking Water - EPA 524M SIM 3 x 40-mL VOA-524.2, HCl(0.5ml) EPA 524.2 - Volatile Organic Compounds EPA 524.2 - Volatile Organic Compounds | | | | | | Temperature, Degrees F Result °F |
| | | | | | | EPA 533 - Polyfluoroalkyl Substances (PFAS) Manganese in Drinking Water - EPA 200.8 1,2,3-TCP in Drinking Water - EPA 524M SIM EPA 524.2 - Volatile Organic Compounds |

| | | | | | | |
|--|--------|----|----|---|--|----------------------------------|
| Well 15 Pre Field Blank <i>Regulatory ID: CA1910105_025_025</i> | 4/8/24 | FB | AQ | 1 | | |
| Field Test | 1040 | | | | | |
| Field-Temperature, Degrees F 1 x 250-mL Poly (PP)-533, FIELD BLANK Am Ac (0.25g) EPA 533 - Polyfluoroalkyl Substances (PFAS) | | | | | | Temperature, Degrees F Result °F |

| | | | | | | |
|---|--------|----|----|---|--|----------------------------------|
| Well 15 Effluent <i>Regulatory ID: CA1910105_027_027</i> | 4/8/24 | FS | AQ | 5 | | 67.7 |
| Field Test | 1030 | | | | | |
| Field-Temperature, Degrees F 2 x 250-mL Poly (PP)-533, AmmoAcetate (0.25g) | | | | | | Temperature, Degrees F Result °F |



14859 Clark Avenue
 City of Industry, CA 91745
 (626) 336-2139
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Chain of Custody

WECK WKO: 4D05010

Lab Use

| Sample Name <i>Regulatory ID (if applicable)</i> | Sampled Date/Time (24H) | Smp Type ¹ | Matrix ² | Num Cntr | MS/ MSD | Comments |
|--|----------------------------|--------------------------|---------------------|-------------|------------|--|
| EPA 533 - Polyfluoroalkyl Substances (PFAS) 1 x 250-mL Poly-Metals, HNO3 Arsenic in Drinking Water - EPA 200.8 2 x 40-mL VOA Amb-123TCP, Ascorbic(25mg) 1,2,3-TCP in Drinking Water - EPA 524M SIM | | | | | | EPA 533 - Polyfluoroalkyl Substances (PFAS) Manganese in Drinking Water - EPA 200.8 1,2,3-TCP in Drinking Water - EPA 524M SIM |
| Well 15 Effluent Field Blank <i>Regulatory ID: CA1910105_027_027</i> | 4/8/24 | FB | AQ | 1 | | |
| Field Test Field-Temperature, Degrees F | 1030 | | | | | Temperature, Degrees F Result °F |
| 1 x 250-mL Poly (PP)-533, FIELD BLANK Am Ac (0.25g) EPA 533 - Polyfluoroalkyl Substances (PFAS) | | | | | | |

| | | | | | | |
|---|--------|----|----|---|--|--|
| Travel Blank | 4/8/24 | TB | AQ | 1 | | |
| 1 x 40-mL VOA-524.2 TRIP BLANK Ascorbic, HCl EPA 524.2 in Water for Trip Blank | | | | | | |

1 Sample Type: FS=Field Sample, FB=Field Blank, FD=Field Duplicate, TB=Trip Blank
 2 Matrix: 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

Grouped Analyses

EPA 524.2 in Water for Trip Blank contains:

- 524.2 EPA_w

Comments:

- Relinquished By Date/Time 4/8/24 Received By Date/Time 1130
- Relinquished By CSA Ceial Date/Time 4/8/24 Received By Date/Time 1130
- Relinquished By _____ Date/Time _____ Received By _____ Date/Time _____
- Relinquished By _____ Date/Time _____ Received By _____ Date/Time _____

Client agrees to Terms and Conditions found at www.wecklabs.com

F0306/6.8'

Sample Receipt Checklist

Weck WKO: 4D05010
 WKO Logged by: Jaime Gomez
 Samples Checked by: Jaime Gomez

Date/Time Received: 04/08/24 11:30
 # of Samples: 07
 Delivered by: Carlos Navarro

| | Task | Yes | No | N/A | Comments |
|--|---|-------------------------------------|-------------------------------------|-------------------------------------|---|
| COC | 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 about COC discrepancy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Receipt Information | Sample Temperature | 6.8 C | | | |
| | Samples received on ice? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| | Ice Type (Blue/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"/> | | |
| | Samples intact? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| | Received within holding time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Project Manager notified about receipt info? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Sample Preservation Verification? | 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? | | | | pH paper Lot# 310689 |
| | Metals <2; H2SO4 pres tests <2; 522<4; TOC <2; 508.1, 525.2<2, 6710B<2, 608.3 5-9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| | Free Chlorine Tested <0.1 (Organics Analyses) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cl Test Strip Lot# 032R325 |
| | O&G pH <2 verified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | pH paper Lot# |
| | pH adjusted for O&G | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | pH Reading: Acid Lot# Amt added: |
| | Project Manager notified about sample preservation? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

PM Comments

Sample Receipt Checklist Completed by:

Signature: Jaime Gomez

Date: 04/08/24