

**Work Orders:** 1130008

**Report Date:** 11/04/2021

**Project:** City of Paramount

**Received Date:** 10/4/2021

**Turnaround Time:** Normal

**Phones:** (562) 275-4252

**Fax:** (562) 921-6101

**Attn:** Charlene King

**P.O. #:**

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

**Billing Code:**

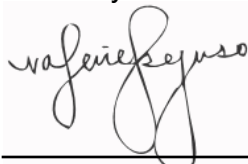
ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH #4047 • LACSD #10143 • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

*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. This analytical report must be reproduced in its entirety.*

Dear Charlene King,

Enclosed are the results of analyses for samples received 10/04/21 with the Chain-of-Custody document. The samples were received in good condition, at 3.8 °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:**



Valerie I. Rejuso  
Project Manager



Water Replenishment District  
 4040 Paramount Blvd.  
 Lakewood, CA 90712

**Project Number:** City of Paramount

**Reported:**  
 11/04/2021 14:58

**Project Manager:** Charlene King

## Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
Well 14 CA1910105_016_016	Carlos Navarro (wecklabs)	1I30008-01	Water	10/04/21 10:20	
Well 14 Field Blank	Carlos Navarro (wecklabs)	1I30008-02	Water	10/04/21 10:20	
Well 15 (Pre) CA1910105_025_025	Carlos Navarro (wecklabs)	1I30008-03	Water	10/04/21 10:38	
Well 15 (Eff) CA1910105_027_027	Carlos Navarro (wecklabs)	1I30008-04	Water	10/04/21 10:41	
Travel Blank	Carlos Navarro (wecklabs)	1I30008-05	Water	10/04/21 00:00	

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

**Project Number:** City of Paramount

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11/04/2021 14:58

**Project Manager:** Charlene King

## Sample Results

Sample: Well 14 CA1910105\_016\_016  
1130008-01 (Water)

Sampled: 10/04/21 10:20 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>1,4-Dioxane by SPE/GCMS SIM, EPA Method 522</b>						
<b>Method:</b> EPA 522			<b>Instr:</b> GCMS20			
<b>Batch ID:</b> W1J0200		<b>Preparation:</b> EPA 522/SPE		<b>Prepared:</b> 10/05/21 11:17		<b>Analyst:</b> mld
1,4-Dioxane	2.8	0.070	ug/l	1	10/06/21	
<i>Surrogate(s)</i>						
1,4-Dioxane-d8	90%	Conc: 8.96	70-130		10/06/21	
<b>Metals by EPA 200 Series Methods</b>						
<b>Method:</b> EPA 200.8			<b>Instr:</b> ICPMS04			
<b>Batch ID:</b> W1J0473		<b>Preparation:</b> EPA 200.2		<b>Prepared:</b> 10/08/21 11:05		<b>Analyst:</b> jdm
Manganese, Total	22	1.0	ug/l	1	10/14/21	
<b>Per- and Polyfluorinated Alkyl Substances (PFAS) by SPE/LCMSMS</b>						
<b>Method:</b> EPA 537.1			<b>Instr:</b> LCMS06			
<b>Batch ID:</b> W1J0559		<b>Preparation:</b> EPA 537/SPE		<b>Prepared:</b> 10/11/21 09:27		<b>Analyst:</b> jna
11CI-PF3OUdS	ND	2.0	ng/l	1	10/12/21	
9CI-PF3ONS	ND	2.0	ng/l	1	10/12/21	
ADONA	ND	2.0	ng/l	1	10/12/21	
EtFOSAA	ND	2.0	ng/l	1	10/12/21	
HFPO-DA	ND	2.0	ng/l	1	10/12/21	
MeFOSAA	ND	2.0	ng/l	1	10/12/21	
PFBS	ND	2.0	ng/l	1	10/12/21	
PFDA	ND	2.0	ng/l	1	10/12/21	
PFDoA	ND	2.0	ng/l	1	10/12/21	
PFHpA	ND	2.0	ng/l	1	10/12/21	
PFHxA	ND	2.0	ng/l	1	10/12/21	
PFHxS	2.0	2.0	ng/l	1	10/12/21	
PFNA	ND	2.0	ng/l	1	10/12/21	
PFOA	ND	2.0	ng/l	1	10/12/21	
PFOS	8.0	2.0	ng/l	1	10/12/21	
PFTeDA	ND	2.0	ng/l	1	10/12/21	
PFTrDA	ND	2.0	ng/l	1	10/12/21	
PFUnA	ND	2.0	ng/l	1	10/12/21	
<i>Surrogate(s)</i>						
13C2-PFDA	104%	Conc: 38.5	70-130		10/12/21	
13C2-PFHxA	108%	Conc: 40.0	70-130		10/12/21	
d5-EtFOSAA	88%	Conc: 130	70-130		10/12/21	
HFPO-DA-13C3	118%	Conc: 43.8	70-130		10/12/21	
<b>Volatile Organic Compounds by P&amp;T and GC/MS</b>						
<b>Method:</b> EPA 524.2			<b>Instr:</b> GCMS14			
<b>Batch ID:</b> W1J0406		<b>Preparation:</b> EPA 5030		<b>Prepared:</b> 10/07/21 07:04		<b>Analyst:</b> cam
1130008						

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## Sample Results

(Continued)

Sample: Well 14 CA1910105\_016\_016  
1130008-01 (Water)

Sampled: 10/04/21 10:20 by Carlos Navarro (wecklabs)

(Continued)

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

**Method:** EPA 524.2

**Instr:** GCMS14

**Batch ID:** W1J0406

**Preparation:** EPA 5030

**Prepared:** 10/07/21 07:04

**Analyst:** cam

Methylene chloride	ND	0.50	ug/l	1	10/08/21	
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*Surrogate(s)*

1,2-Dichlorobenzene-d4	84%	Conc: 8.38	70-130		10/08/21	
4-Bromofluorobenzene	76%	Conc: 7.60	70-130		10/08/21	

## Sample Results

(Continued)

Sample: Well 14 Field Blank  
1130008-02 (Water)

Sampled: 10/04/21 10:20 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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### Per- and Polyfluorinated Alkyl Substances (PFAS) by SPE/LCMSMS

**Method:** EPA 537.1

**Instr:** LCMS06

**Batch ID:** W1J0559

**Preparation:** EPA 537/SPE

**Prepared:** 10/11/21 09:27

**Analyst:** jna

11CI-PF3OUdS	ND	1.8	ng/l	1	10/12/21	
9CI-PF3ONS	ND	1.8	ng/l	1	10/12/21	
ADONA	ND	1.8	ng/l	1	10/12/21	
EtFOSAA	ND	1.8	ng/l	1	10/12/21	
HFPO-DA	ND	1.8	ng/l	1	10/12/21	
MeFOSAA	ND	1.8	ng/l	1	10/12/21	
PFBS	ND	1.8	ng/l	1	10/12/21	
PFDA	ND	1.8	ng/l	1	10/12/21	
PFDoA	ND	1.8	ng/l	1	10/12/21	
PFHpA	ND	1.8	ng/l	1	10/12/21	
PFHxA	ND	1.8	ng/l	1	10/12/21	
PFHxS	ND	1.8	ng/l	1	10/12/21	
PFNA	ND	1.8	ng/l	1	10/12/21	
PFOA	ND	1.8	ng/l	1	10/12/21	
PFOS	ND	1.8	ng/l	1	10/12/21	
PFTeDA	ND	1.8	ng/l	1	10/12/21	
PFTTrDA	ND	1.8	ng/l	1	10/12/21	
PFUnA	ND	1.8	ng/l	1	10/12/21	

*Surrogate(s)*

13C2-PFDA	105%	Conc: 37.3	70-130		10/12/21	
13C2-PFHxA	105%	Conc: 37.5	70-130		10/12/21	
d5-EtFOSAA	102%	Conc: 145	70-130		10/12/21	
HFPO-DA-13C3	114%	Conc: 40.7	70-130		10/12/21	

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## Sample Results

(Continued)

Sample: Well 15 (Pre) CA1910105\_025\_025  
1130008-03 (Water) Sampled: 10/04/21 10:38 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Metals by EPA 200 Series Methods</b>						
<b>Method:</b> EPA 200.8						
<b>Batch ID:</b> W1J0473	<b>Preparation:</b> EPA 200.2					<b>Instr:</b> ICPMS04
						<b>Prepared:</b> 10/08/21 11:05
<b>Arsenic, Total</b>	7.1	0.40	ug/l	1	10/13/21	<b>Analyst:</b> jdm
<b>Manganese, Total</b>	40	1.0	ug/l	1	10/14/21	

## Sample Results

(Continued)

Sample: Well 15 (Pre) CA1910105\_025\_025  
1130008-03RE1 (Water) Sampled: 10/04/21 10:38 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Semivolatile Organic Compounds by GC/MS</b>						
<b>Method:</b> EPA 525.2						
<b>Batch ID:</b> W1J0824	<b>Preparation:</b> EPA 525.2/SPE					<b>Instr:</b> GCMS16
						<b>Prepared:</b> 10/13/21 15:24
<b>Bis(2-ethylhexyl)phthalate</b>	ND	3.0	ug/l	1	10/15/21	<b>Analyst:</b> rmr
<i>Surrogate(s)</i>						
<b>1,3-Dimethyl-2-nitrobenzene</b>	101% Conc: 4.90	70-130			10/15/21	
<b>Perylene-d12</b>	75% Conc: 3.64	50-120			10/15/21	
<b>Triphenyl phosphate</b>	104% Conc: 5.02	70-130			10/15/21	

## Sample Results

(Continued)

Sample: Well 15 (Eff) CA1910105\_027\_027  
1130008-04 (Water) Sampled: 10/04/21 10:41 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Metals by EPA 200 Series Methods</b>						
<b>Method:</b> EPA 200.8						
<b>Batch ID:</b> W1J0473	<b>Preparation:</b> EPA 200.2					<b>Instr:</b> ICPMS04
						<b>Prepared:</b> 10/08/21 11:05
<b>Arsenic, Total</b>	6.8	0.40	ug/l	1	10/13/21	<b>Analyst:</b> jdm
<b>Manganese, Total</b>	ND	1.0	ug/l	1	10/14/21	

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## Sample Results

(Continued)

Sample: Well 15 (Eff) CA1910105\_027\_027  
1130008-04RE1 (Water) Sampled: 10/04/21 10:41 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Semivolatile Organic Compounds by GC/MS</b>						
<b>Method:</b> EPA 525.2		<b>Instr:</b> GCMS16				
<b>Batch ID:</b> W1J0824		<b>Preparation:</b> EPA 525.2/SPE		<b>Prepared:</b> 10/13/21 15:24		<b>Analyst:</b> rmr
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l	1	10/15/21	
<i>Surrogate(s)</i>						
1,3-Dimethyl-2-nitrobenzene	100% Conc: 4.91	70-130			10/15/21	
Perylene-d12	76% Conc: 3.76	50-120			10/15/21	
Triphenyl phosphate	108% Conc: 5.34	70-130			10/15/21	

## Sample Results

(Continued)

Sample: Travel Blank  
1130008-05 (Water) Sampled: 10/04/21 0:00 by Carlos Navarro (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Volatile Organic Compounds by P&amp;T and GC/MS</b>						
<b>Method:</b> EPA 524.2		<b>Instr:</b> GCMS14				
<b>Batch ID:</b> W1J0406		<b>Preparation:</b> EPA 5030		<b>Prepared:</b> 10/07/21 07:04		<b>Analyst:</b> cam
Methylene chloride	ND	0.50	ug/l	1	10/08/21	
<i>Surrogate(s)</i>						
1,2-Dichlorobenzene-d4	90% Conc: 8.97	70-130			10/08/21	
4-Bromofluorobenzene	93% Conc: 9.29	70-130			10/08/21	

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## Quality Control Results

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

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Qualifier
<b>Batch: W1J0200 - EPA 522</b>										
<b>Blank (W1J0200-BLK1)</b>				<b>Prepared: 10/05/21 Analyzed: 10/06/21</b>						
1,4-Dioxane	ND	0.070	ug/l							
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	8.77		ug/l	10.0		88	70-130			
<b>LCS (W1J0200-BS1)</b>				<b>Prepared: 10/05/21 Analyzed: 10/06/21</b>						
1,4-Dioxane	0.0531	0.070	ug/l	0.0600		88	50-150			
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	8.45		ug/l	10.0		84	70-130			
<b>LCS Dup (W1J0200-BSD1)</b>				<b>Prepared: 10/05/21 Analyzed: 10/06/21</b>						
1,4-Dioxane	0.0619	0.070	ug/l	0.0600		103	50-150	15	30	
<i>Surrogate(s)</i>										
1,4-Dioxane-d8	9.61		ug/l	10.0		96	70-130			

## Quality Control Results

Metals by EPA 200 Series Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Qualifier
<b>Batch: W1J0473 - EPA 200.8</b>										
<b>Blank (W1J0473-BLK1)</b>				<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>						
Arsenic, Total	ND	0.40	ug/l							
Manganese, Total	ND	1.0	ug/l							
<b>LCS (W1J0473-BS1)</b>				<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>						
Arsenic, Total	51.0	0.40	ug/l	50.0		102	85-115			
Manganese, Total	51.1	1.0	ug/l	50.0		102	85-115			
<b>Matrix Spike (W1J0473-MS1)</b>				<b>Source: 1J04064-01</b>			<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>			
Arsenic, Total	52.0	0.40	ug/l	50.0	1.34	101	70-130			
Manganese, Total	50.1	1.0	ug/l	50.0	1.17	98	70-130			
<b>Matrix Spike (W1J0473-MS2)</b>				<b>Source: 1J05104-01</b>			<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>			
Arsenic, Total	51.2	0.40	ug/l	50.0	0.198	102	70-130			
Manganese, Total	48.0	1.0	ug/l	50.0	ND	96	70-130			
<b>Matrix Spike Dup (W1J0473-MSD1)</b>				<b>Source: 1J04064-01</b>			<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>			
Arsenic, Total	52.1	0.40	ug/l	50.0	1.34	101	70-130	0.2	30	
Manganese, Total	50.4	1.0	ug/l	50.0	1.17	99	70-130	0.7	30	
<b>Matrix Spike Dup (W1J0473-MSD2)</b>				<b>Source: 1J05104-01</b>			<b>Prepared: 10/08/21 Analyzed: 10/13/21</b>			
Arsenic, Total	51.3	0.40	ug/l	50.0	0.198	102	70-130	0.2	30	
Manganese, Total	48.1	1.0	ug/l	50.0	ND	96	70-130	0.2	30	

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## Quality Control Results

(Continued)

Per- and Polyfluorinated Alkyl Substances (PFAS) by SPE/LCMSMS

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
<b>Batch: W1J0559 - EPA 537.1</b>										
<b>Blank (W1J0559-BLK1)</b>										
<b>Prepared: 10/11/21 Analyzed: 10/12/21</b>										
11CI-PF3OUdS	ND	2.0	ng/l							
9CI-PF3ONS	ND	2.0	ng/l							
ADONA	ND	2.0	ng/l							
EtFOSAA	ND	2.0	ng/l							
HFPO-DA	ND	2.0	ng/l							
MeFOSAA	ND	2.0	ng/l							
PFBS	ND	2.0	ng/l							
PFDA	ND	2.0	ng/l							
PFDoA	ND	2.0	ng/l							
PFHpA	ND	2.0	ng/l							
PFHxA	ND	2.0	ng/l							
PFHxS	ND	2.0	ng/l							
PFNA	ND	2.0	ng/l							
PFOA	ND	2.0	ng/l							
PFOS	ND	2.0	ng/l							
PFTeDA	ND	2.0	ng/l							
PFTTrDA	ND	2.0	ng/l							
PFUnA	ND	2.0	ng/l							
<i>Surrogate(s)</i>										
13C2-PFDA	43.3		ng/l	40.0		108	70-130			
13C2-PFHxA	45.5		ng/l	40.0		114	70-130			
d5-EtFOSAA	162		ng/l	160		101	70-130			
HFPO-DA-13C3	46.8		ng/l	40.0		117	70-130			
<b>LCS (W1J0559-BS1)</b>										
<b>Prepared: 10/11/21 Analyzed: 10/12/21</b>										
11CI-PF3OUdS	19.0	2.0	ng/l	20.0		95	70-130			
9CI-PF3ONS	19.6	2.0	ng/l	20.0		98	70-130			
ADONA	20.4	2.0	ng/l	20.0		102	70-130			
EtFOSAA	19.0	2.0	ng/l	20.0		95	70-130			
HFPO-DA	21.7	2.0	ng/l	20.0		108	70-130			
MeFOSAA	18.9	2.0	ng/l	20.0		94	70-130			
PFBS	20.9	2.0	ng/l	20.0		105	70-130			
PFDA	19.6	2.0	ng/l	20.0		98	70-130			
PFDoA	19.7	2.0	ng/l	20.0		98	70-130			
PFHpA	20.4	2.0	ng/l	20.0		102	70-130			
PFHxA	19.9	2.0	ng/l	20.0		99	70-130			
PFHxS	20.4	2.0	ng/l	20.0		102	70-130			
PFNA	19.9	2.0	ng/l	20.0		99	70-130			
PFOA	19.5	2.0	ng/l	20.0		98	70-130			
PFOS	19.9	2.0	ng/l	20.0		99	70-130			



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## Quality Control Results

(Continued)

Per- and Polyfluorinated Alkyl Substances (PFAS) by SPE/LCMSMS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
<b>Batch: W1J0559 - EPA 537.1 (Continued)</b>										
<b>LCS (W1J0559-BS1)</b>										
				<b>Prepared: 10/11/21 Analyzed: 10/12/21</b>						
PFTeDA	19.2	2.0	ng/l	20.0		96	70-130			
PFTTrDA	19.5	2.0	ng/l	20.0		98	70-130			
PFUnA	19.1	2.0	ng/l	20.0		96	70-130			
<i>Surrogate(s)</i>										
13C2-PFDA	44.5		ng/l	40.0		111	70-130			
13C2-PFHxA	43.9		ng/l	40.0		110	70-130			
d5-EtFOSAA	170		ng/l	160		106	70-130			
HFPO-DA-13C3	48.5		ng/l	40.0		121	70-130			
<b>LCS Dup (W1J0559-BSD1)</b>										
				<b>Prepared: 10/11/21 Analyzed: 10/12/21</b>						
11CI-PF3OUdS	18.1	2.0	ng/l	20.0		91	70-130	5	30	
9CI-PF3ONS	18.8	2.0	ng/l	20.0		94	70-130	4	30	
ADONA	20.1	2.0	ng/l	20.0		101	70-130	1	30	
EtFOSAA	18.5	2.0	ng/l	20.0		93	70-130	2	30	
HFPO-DA	21.6	2.0	ng/l	20.0		108	70-130	0.5	30	
MeFOSAA	18.3	2.0	ng/l	20.0		92	70-130	3	30	
PFBS	20.6	2.0	ng/l	20.0		103	70-130	1	30	
PFDA	19.1	2.0	ng/l	20.0		96	70-130	2	30	
PFDoA	18.2	2.0	ng/l	20.0		91	70-130	8	30	
PFHpA	20.2	2.0	ng/l	20.0		101	70-130	1	30	
PFHxA	19.7	2.0	ng/l	20.0		98	70-130	0.8	30	
PFHxS	20.2	2.0	ng/l	20.0		101	70-130	1	30	
PFNA	19.6	2.0	ng/l	20.0		98	70-130	1	30	
PFOA	19.6	2.0	ng/l	20.0		98	70-130	0.4	30	
PFOS	19.3	2.0	ng/l	20.0		97	70-130	3	30	
PFTeDA	18.9	2.0	ng/l	20.0		94	70-130	2	30	
PFTTrDA	18.8	2.0	ng/l	20.0		94	70-130	3	30	
PFUnA	18.6	2.0	ng/l	20.0		93	70-130	3	30	
<i>Surrogate(s)</i>										
13C2-PFDA	43.1		ng/l	40.0		108	70-130			
13C2-PFHxA	44.1		ng/l	40.0		110	70-130			
d5-EtFOSAA	159		ng/l	160		99	70-130			
HFPO-DA-13C3	46.7		ng/l	40.0		117	70-130			

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

**Project Number:** City of Paramount

**Reported:**  
11/04/2021 14:58

**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
<b>Batch: W1J0824 - EPA 525.2</b>										
<b>Blank (W1J0824-BLK1)</b>				<b>Prepared: 10/13/21 Analyzed: 10/15/21</b>						
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	0.10	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	4.78		ug/l	5.00		96	70-130			
Perylene-d12	3.55		ug/l	5.00		71	50-120			
Triphenyl phosphate	4.35		ug/l	5.00		87	70-130			
<b>LCS (W1J0824-BS1)</b>				<b>Prepared: 10/13/21 Analyzed: 10/15/21</b>						
Alachlor	11.9	0.10	ug/l	10.0		119	70-130			
Atrazine	7.37	0.10	ug/l	5.00		147	70-130			Q-08
Benzo (a) pyrene	4.29	0.10	ug/l	5.00		86	60-130			
Bis(2-ethylhexyl)adipate	5.83	5.0	ug/l	5.00		117	70-130			
Bis(2-ethylhexyl)phthalate	6.49	3.0	ug/l	5.00		130	70-130			
Bromacil	4.82	0.50	ug/l	5.00		96	70-130			
Butachlor	5.75	0.10	ug/l	5.00		115	70-130			
Captan	3.66	1.0	ug/l	5.00		73	70-130			
Chlorpropham	7.21	0.10	ug/l	5.00		144	70-130			Q-08
Diazinon	5.80	0.10	ug/l	5.00		116	50-120			
Dimethoate	5.00	0.20	ug/l	5.00		100	50-120			

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## Quality Control Results

(Continued)

### Semivolatle Organic Compounds by GC/MS (Continued)

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
<b>Batch: W1J0824 - EPA 525.2 (Continued)</b>										
<b>LCS (W1J0824-BS1)</b>										
				Prepared: 10/13/21 Analyzed: 10/15/21						
Diphenamid	5.45	0.10	ug/l	5.00	109	70-130				
Disulfoton	5.68	0.10	ug/l	5.00	114	50-120				
EPTC	5.43	0.10	ug/l	5.00	109	70-130				
Hexachlorocyclopentadiene	2.82	1.0	ug/l	5.00	56	33-106				
Metolachlor	6.22	0.10	ug/l	5.00	124	60-130				
Metribuzin	5.91	0.10	ug/l	5.00	118	50-120				
Molinate	5.99	0.10	ug/l	5.00	120	70-130				
Prometryn	5.21	0.10	ug/l	5.00	104	30-120				
Simazine	6.06	0.10	ug/l	5.00	121	60-130				
Terbacil	5.18	2.0	ug/l	5.00	104	70-130				
Thiobencarb	5.35	0.10	ug/l	5.00	107	70-130				
Trithion	5.52	0.10	ug/l	5.00	110	70-130				
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.72		ug/l	5.00	94	70-130				
Perylene-d12	4.53		ug/l	5.00	91	50-120				
Triphenyl phosphate	6.06		ug/l	5.00	121	70-130				
<b>LCS Dup (W1J0824-BSD1)</b>										
				Prepared: 10/13/21 Analyzed: 10/15/21						
Alachlor	11.7	0.10	ug/l	10.0	117	70-130	1	30		
Atrazine	6.86	0.10	ug/l	5.00	137	70-130	7	30		Q-08
Benzo (a) pyrene	4.24	0.10	ug/l	5.00	85	60-130	1	30		
Bis(2-ethylhexyl)adipate	5.80	5.0	ug/l	5.00	116	70-130	0.6	30		
Bis(2-ethylhexyl)phthalate	6.63	3.0	ug/l	5.00	133	70-130	2	30		Q-08
Bromacil	4.71	0.50	ug/l	5.00	94	70-130	2	30		
Butachlor	5.79	0.10	ug/l	5.00	116	70-130	0.6	30		
Captan	4.19	1.0	ug/l	5.00	84	70-130	14	30		
Chlorpropham	7.07	0.10	ug/l	5.00	141	70-130	2	30		Q-08
Diazinon	5.78	0.10	ug/l	5.00	116	50-120	0.4	30		
Dimethoate	5.32	0.20	ug/l	5.00	106	50-120	6	30		
Diphenamid	5.31	0.10	ug/l	5.00	106	70-130	3	30		
Disulfoton	5.69	0.10	ug/l	5.00	114	50-120	0.1	30		
EPTC	5.54	0.10	ug/l	5.00	111	70-130	2	30		
Hexachlorocyclopentadiene	3.04	1.0	ug/l	5.00	61	33-106	8	30		
Metolachlor	6.10	0.10	ug/l	5.00	122	60-130	2	30		
Metribuzin	5.87	0.10	ug/l	5.00	117	50-120	0.6	30		
Molinate	6.12	0.10	ug/l	5.00	122	70-130	2	30		
Prometryn	5.12	0.10	ug/l	5.00	102	30-120	2	30		
Simazine	6.12	0.10	ug/l	5.00	122	60-130	1	30		
Terbacil	5.21	2.0	ug/l	5.00	104	70-130	0.7	30		
Thiobencarb	5.43	0.10	ug/l	5.00	109	70-130	1	30		

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

**Project Number:** City of Paramount

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11/04/2021 14:58

**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
<b>Batch: W1J0824 - EPA 525.2 (Continued)</b>										
<b>LCS Dup (W1J0824-BSD1)</b>										
				<b>Prepared: 10/13/21 Analyzed: 10/15/21</b>						
Trithion	5.64	0.10	ug/l	5.00		113	70-130	2	30	
<i>Surrogate(s)</i>										
1,3-Dimethyl-2-nitrobenzene	4.89		ug/l	5.00		98	70-130			
Perylene-d12	4.49		ug/l	5.00		90	50-120			
Triphenyl phosphate	6.12		ug/l	5.00		122	70-130			

## 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
<b>Batch: W1J0406 - EPA 524.2</b>										
<b>Blank (W1J0406-BLK1)</b>										
				<b>Prepared: 10/07/21 Analyzed: 10/08/21</b>						
Methylene chloride	ND	0.50	ug/l							
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	8.39		ug/l	10.0		84	70-130			
4-Bromofluorobenzene	7.77		ug/l	10.0		78	70-130			
<b>LCS (W1J0406-BS1)</b>										
				<b>Prepared: 10/07/21 Analyzed: 10/08/21</b>						
Methylene chloride	4.95	0.50	ug/l	5.00		99	70-130			
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	12.0		ug/l	10.0		120	70-130			
4-Bromofluorobenzene	11.2		ug/l	10.0		112	70-130			
<b>LCS Dup (W1J0406-BSD1)</b>										
				<b>Prepared: 10/07/21 Analyzed: 10/08/21</b>						
Methylene chloride	5.22	0.50	ug/l	5.00		104	70-130	5	30	
<i>Surrogate(s)</i>										
1,2-Dichlorobenzene-d4	11.7		ug/l	10.0		117	70-130			
4-Bromofluorobenzene	11.0		ug/l	10.0		110	70-130			

Water Replenishment District  
 4040 Paramount Blvd.  
 Lakewood, CA 90712

**Project Number:** City of Paramount

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 11/04/2021 14:58

## Notes and Definitions

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

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

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

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



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

# CHAIN OF CUSTODY RECORD

Work Order #

1130008

Page 1 Of 1

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

CLIENT NAME:

PROJECT:

Water Replenishment District

City of Paramount

ADDRESS:

PHONE: 562-921-5521

4040 Paramount Blvd

FAX:

Lakewood, Ca 90712

EMAIL: cking@wrd.org

PROJECT MANAGER

SAMPLER

Charlene King

Weck

WTX IDs	DATE SAMPLED	TIME SAMPLED	SAMPL TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	EPA 524.2 Methylene Chloride	EPA 522- 1,4 Dioxane	EPA 537.1	EPA 200.8 Mn	EPA 200.8 As	EPA 525+507 DEHP & Thiobencarb	SPECIAL HANDLING	
3DEB1	10/4/11	10:20	GW	Well 14 CA1910105_016_016	X							Fid Temp 71.75	
3DEB2	10/3/11	10:38	GW	Well 15 (Pre) CA1910105_025_025					X	X		Fid Temp 72.8F	
3DEB3	10/4/11	10:41	GW	Well 15 (Effluent) CA1910105_027_027					X	X		Fid Temp 72.1F	
			TB	Travel Blank	X								
RELINQUISHED BY													
RELINQUISHED BY	10/4/11	254		Received by [Signature]								3.8% [Signatures]	
RELINQUISHED BY	DATE / TIME			RECEIVED BY									
RELINQUISHED BY	DATE / TIME			RECEIVED BY									
PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY						SPECIAL REQUIREMENTS / BILLING INFORMATION						Watertrax Uploaded Needed	
OVER UNSCHEDULED RUSH REQUESTS													
Client agrees to Terms & Conditions at: www.wecklabs.com						WTX: 20352						COC version 042707	

**SAMPLE CONDITION:**  
 Actual Temperature:  
 Received On Ice Preserved  
 Evidence Seals Present  
 Container Attacked  
 Preserved at Lab

**SAMPLE TYPE CODE:**  
 AQ= Aqueous  
 NA= Non Aqueous  
 SL = Sludge  
 DW = Drinking Water  
 WW = Waste Water  
 RW = Rain Water  
 GW = Ground Water  
 SO = Soil  
 SW = Solid Waste  
 OL = Oil  
 OT = Other Matrix