



Monterey Bay Analytical Services

4 Justin Court Suite D, Monterey, CA 93940

831.375.MBAS (6227)

www.MBASinc.com

ELAP Certification Number: 2385

Wednesday, April 5, 2023

Pajaro Sunny Mesa Svc District
Pajaro Sunny Mesa Svc District
136 San Juan Road
Royal Oaks, CA 95076

Sample Results

Lab Number: 230327_95-01 Sample Description: Pajaro CSD, 412 Salinas Rd

Collection Date/Time: 3/27/2023 11:26 Sample Collector: Farfan R Client Sample #:
Received Date/Time: 3/27/2023 16:27 System ID: CA2710020 Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Aggressivity Index	Calculation	NA	12.5	1					
Anion-Cation Balance	Calculation	%	2	1					
QC Anion Sum x 100	Calculation	%	103	1					
QC Cation Sum x 100	Calculation	%	107	1					
QC Ratio TDS/SEC	Calculation	NA	0.56	1				3/30/2023 14:11	BM
Turbidity	EPA180.1	NTU	0.40	1		0.1	5	3/28/2023 8:40	CC
Calcium	EPA200.7	mg/L	34	1		1		3/31/2023 20:29	OW
Copper, Total	EPA200.7	µg/L	ND	1		20	1300	3/31/2023 20:29	OW
Hardness (as CaCO3)	EPA200.7	mg/L	278	1		5		4/3/2023 12:02	OW
Iron, Total	EPA200.7	µg/L	37	1		30	300	3/31/2023 20:29	OW
Magnesium	EPA200.7	mg/L	46.7	1		0.5		3/31/2023 20:29	OW
Manganese, Total	EPA200.7	µg/L	ND	1		15	50	3/31/2023 20:29	OW
Potassium	EPA200.7	mg/L	2.1	1		0.5		3/31/2023 20:29	OW
Sodium	EPA200.7	mg/L	46	1		1		3/31/2023 20:29	OW
Zinc, Total	EPA200.7	µg/L	ND	1		30	5000	3/31/2023 20:29	OW
Aluminum, Total	EPA200.8	µg/L	ND	1		15	1000	4/4/2023 15:55	MW
Antimony, Total	EPA200.8	µg/L	ND	1		0.5	6	4/4/2023 15:55	MW
Arsenic, Total	EPA200.8	µg/L	ND	1		1	10	4/4/2023 15:55	MW
Barium, Total	EPA200.8	µg/L	26.8	1		5	1000	4/4/2023 15:55	MW
Beryllium, Total	EPA200.8	µg/L	ND	1		0.5	4	4/4/2023 15:55	MW
Cadmium, Total	EPA200.8	µg/L	ND	1		0.25	5	4/4/2023 15:55	MW
Chromium, Total	EPA200.8	µg/L	4.0	1		1	50	4/4/2023 15:55	MW
Lead, Total	EPA200.8	µg/L	ND	1		1	15	4/4/2023 15:55	MW
Mercury, Total	EPA200.8	µg/L	ND	1	LO	0.3	2	4/4/2023 15:55	MW
<i>LO: MS and MSD result unavailable. Acceptability based on LCS recovery.</i>									
Nickel, Total	EPA200.8	µg/L	ND	1		5	100	4/4/2023 15:55	MW
Selenium, Total	EPA200.8	µg/L	ND	1		1	50	4/4/2023 15:55	MW

Abbreviations/Definitions: mg/L: Milligrams per liter (=ppm)
MDL: Method Detection Limit PQL: Practical Quantitation Limit
E: Analysis performed by External Laboratory; see Report attachments
J: Result is < PQL but ≥ MDL; the concentration is an approximate value.

µg/L: Micrograms per liter (=ppb) MPN: Most Probable Number
MCL: Maximum Contamination Level ND: Not Detected at the PQL (or MDL, if shown)
H: Analyzed outside of method hold time QC: Quality Control



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Client Sample #:

Received Date/Time: 3/27/2023 16:27 System ID: CA2710020

Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Silver, Total	EPA200.8	µg/L	ND	1		1.5	100	4/4/2023 15:55	MW
Thallium, Total	EPA200.8	µg/L	ND	1		0.5	2	4/4/2023 15:55	MW
Uranium, Radiological	EPA200.8	pCi/L	ND	1		0.3	20	4/4/2023 15:55	MW
Uranium, Total	EPA200.8	µg/L	ND	1		0.5	30	4/4/2023 15:55	MW
Bromide	EPA300.0	mg/L	ND	1	LO	0.1		3/28/2023 5:12	HC
<i>LO: MS and/or MSD result unavailable. Acceptability based on LCS recovery.</i>									
Chloride	EPA300.0	mg/L	42.8	1		1	250	3/28/2023 13:08	HC
Fluoride	EPA300.0	mg/L	0.2	1	LO	0.1	2	3/28/2023 5:12	HC
<i>LO: MS and/or MSD result unavailable. Acceptability based on LCS recovery.</i>									
Nitrate as N	EPA300.0	mg/L	ND	1	LO	0.1	10	3/28/2023 5:12	HC
Nitrite as N	EPA300.0	mg/L	ND	1	LO	0.1	1	3/28/2023 5:12	HC
Orthophosphate as P	EPA300.0	mg/L	ND	1		0.1		3/28/2023 13:08	HC
Sulfate	EPA300.0	mg/L	97	1		2	250	3/28/2023 13:08	HC
Perchlorate	EPA314.0	µg/L	ND	1		2	6	3/30/2023 13:39	HC
Trihalomethanes	EPA551.1	µg/L	7	1	E	80		3/30/2023 22:17	E
Haloacetic Acids	EPA552	µg/L	2	1	E	60		3/30/2023 19:50	E
Chlorine Residual (Field)	External	mg/L	0.36	1				3/27/2023 11:26	
Cyanide, Available	OIA-1677-09	µg/L	ND	1		4	150	3/30/2023 17:02	XQL
Color, Apparent (Unfiltered)	SM2120B	Color Units	5	1		3	15	3/28/2023 8:13	CC
Odor Threshold at 60 C	SM2150B	TON	<1	1		1	3	3/28/2023 7:50	BM
<i>Odor: Not observed</i>									
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	205	1		10		3/28/2023 18:04	BM
Bicarbonate (as HCO3-)	SM2320B	mg/L	250	1		10		3/28/2023 18:04	BM
Carbonate as CaCO3	SM2320B	mg/L	ND	1		10		3/28/2023 18:04	BM
Hydroxide	SM2320B	mg/L	ND	1		10		3/28/2023 18:04	BM
Langelier Index, 15°C	SM2330B	NA	0.34	1					
Langelier Index, 60°C	SM2330B	NA	1.17	1					
Specific Conductance (EC)	SM2510B	µmho/cm @25.0°C	714	1		10	900	3/28/2023 18:04	BM
Total Dissolved Solids	SM2540C	mg/L	398	1		10	500	3/28/2023 14:00	BM

Abbreviations/Definitions: mg/L: Milligrams per liter (=ppm)
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µg/L: Micrograms per liter (=ppb) MPN: Most Probable Number
 MCL: Maximum Contamination Level ND: Not Detected at the PQL (or MDL, if shown)
 H: Analyzed outside of method hold time QC: Quality Control



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Pajaro Sunny Mesa Svc District
136 San Juan Road
Royal Oaks, CA 95076

Lab Number: 230327_95-01 Sample Description: Pajaro CSD, 412 Salinas Rd

Collection Date/Time: 3/27/2023 11:26 Sample Collector: Farfan R

Client Sample #:

Received Date/Time: 3/27/2023 16:27 System ID: CA2710020

Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
pH (Laboratory)	SM4500-H+B	pH (H)	8.2	1		1	8.5	3/28/2023 18:04	BM
Temperature (pH)	SM4500-H+B,temp	°C	17.4	1				3/28/2023 18:04	BM
MBAS (Surfactants)	SM5540C	mg/L	ND	1		0.05		3/28/2023 9:00	BM
Coliform, E Coli	SM9223B-18hr	/100mL	Absent	1				3/27/2023 17:35	SB
Coliform, Total	SM9223B-18hr	/100mL	Absent	1				3/27/2023 17:35	SB

Abbreviations/Definitions:
mg/L: Milligrams per liter (=ppm)
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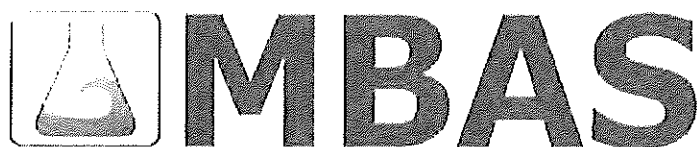
Pajaro Sunny Mesa Svc District
 Pajaro Sunny Mesa Svc District
 136 San Juan Road
 Royal Oaks, CA 95076

Lab Number: 230327_95-02 Sample Description: Pajaro CSD, 136 San Juan Rd

Collection Date/Time: 3/27/2023 10:43 Sample Collector: Farfan R Client Sample #:
 Received Date/Time: 3/27/2023 16:27 System ID: CA2710020_DST_802 Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Aggressivity Index	Calculation	NA	12.5	1					
Anion-Cation Balance	Calculation	%	2	1					
QC Anion Sum x 100	Calculation	%	104	1					
QC Cation Sum x 100	Calculation	%	107	1					
QC Ratio TDS/SEC	Calculation	NA	0.56	1				3/30/2023 14:11	BM
Turbidity	EPA180.1	NTU	0.70	1		0.1	5	3/28/2023 8:40	CC
Calcium	EPA200.7	mg/L	35	1		1		3/31/2023 20:31	OW
Copper, Total	EPA200.7	µg/L	ND	1		20	1300	3/31/2023 20:31	OW
Hardness (as CaCO3)	EPA200.7	mg/L	277	1		5		4/3/2023 12:02	OW
Iron, Total	EPA200.7	µg/L	54	1		30	300	3/31/2023 20:31	OW
Magnesium	EPA200.7	mg/L	46.4	1		0.5		3/31/2023 20:31	OW
Manganese, Total	EPA200.7	µg/L	30	1		15	50	3/31/2023 20:31	OW
Potassium	EPA200.7	mg/L	2.1	1		0.5		3/31/2023 20:31	OW
Sodium	EPA200.7	mg/L	46	1		1		3/31/2023 20:31	OW
Zinc, Total	EPA200.7	µg/L	ND	1		30	5000	3/31/2023 20:31	OW
Aluminum, Total	EPA200.8	µg/L	ND	1		15	1000	4/4/2023 15:58	MW
Antimony, Total	EPA200.8	µg/L	ND	1		0.5	6	4/4/2023 15:58	MW
Arsenic, Total	EPA200.8	µg/L	ND	1		1	10	4/4/2023 15:58	MW
Barium, Total	EPA200.8	µg/L	27.0	1		5	1000	4/4/2023 15:58	MW
Beryllium, Total	EPA200.8	µg/L	ND	1		0.5	4	4/4/2023 15:58	MW
Cadmium, Total	EPA200.8	µg/L	ND	1		0.25	5	4/4/2023 15:58	MW
Chromium, Total	EPA200.8	µg/L	4.0	1		1	50	4/4/2023 15:58	MW
Lead, Total	EPA200.8	µg/L	ND	1		1	15	4/4/2023 15:58	MW
Mercury, Total	EPA200.8	µg/L	ND	1	LO	0.3	2	4/4/2023 15:58	MW
<i>LO: MS and MSD result unavailable. Acceptability based on LCS recovery.</i>									
Nickel, Total	EPA200.8	µg/L	ND	1		5	100	4/4/2023 15:58	MW
Selenium, Total	EPA200.8	µg/L	ND	1		1	50	4/4/2023 15:58	MW
Silver, Total	EPA200.8	µg/L	ND	1		1.5	100	4/4/2023 15:58	MW
Thallium, Total	EPA200.8	µg/L	ND	1		0.5	2	4/4/2023 15:58	MW

Abbreviations/Definitions: mg/L: Milligrams per liter (=ppm) µg/L: Micrograms per liter (=ppb) MPN: Most Probable Number
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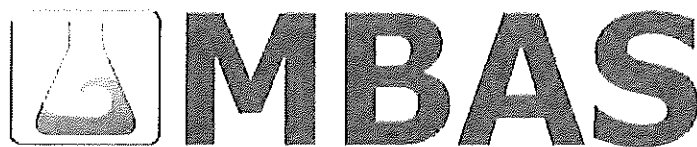
Lab Number: 230327_95-02 Sample Description: Pajaro CSD, 136 San Juan Rd

Collection Date/Time: 3/27/2023 10:43 Sample Collector: Farfan R Client Sample #:

Received Date/Time: 3/27/2023 16:27 System ID: CA2710020_DST_802 Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Uranium, Radiological	EPA200.8	pCi/L	ND	1		0.3	20	4/4/2023 15:58	MW
Uranium, Total	EPA200.8	µg/L	ND	1		0.5	30	4/4/2023 15:58	MW
Bromide	EPA300.0	mg/L	ND	1	LO	0.1		3/28/2023 5:28	HC
<i>LO: MS and/or MSD result unavailable. Acceptability based on LCS recovery.</i>									
Chloride	EPA300.0	mg/L	42.7	1		1	250	3/28/2023 13:24	HC
Fluoride	EPA300.0	mg/L	0.2	1	LO	0.1	2	3/28/2023 5:28	HC
<i>LO: MS and/or MSD result unavailable. Acceptability based on LCS recovery.</i>									
Nitrate as N	EPA300.0	mg/L	ND	1	LO	0.1	10	3/28/2023 5:28	HC
Nitrite as N	EPA300.0	mg/L	ND	1	LO	0.1	1	3/28/2023 5:28	HC
Orthophosphate as P	EPA300.0	mg/L	ND	1		0.1		3/28/2023 13:24	HC
Sulfate	EPA300.0	mg/L	97	1		2	250	3/28/2023 13:24	HC
Perchlorate	EPA314.0	µg/L	ND	1		2	6	3/30/2023 13:55	HC
Trihalomethanes	EPA551.1	µg/L	7	1	E		80	3/31/2023 14:27	E
Haloacetic Acids	EPA552	µg/L	2	1	E		60	3/31/2023 14:27	E
Chlorine Residual (Field)	External	mg/L	0.26	1				3/27/2023 10:43	
Cyanide, Available	OIA-1677-09	µg/L	ND	1		4	150	3/30/2023 17:04	XQL
Color, Apparent (Unfiltered)	SM2120B	Color Units	7	1		3	15	3/28/2023 8:13	CC
Odor Threshold at 60 C	SM2150B	TON	<1	1		1	3	3/28/2023 7:50	BM
<i>Odor: Not observed</i>									
Alkalinity, Total (as CaCO ₃)	SM2320B	mg/L	208	1		10		3/28/2023 18:10	BM
Bicarbonate (as HCO ₃ ⁻)	SM2320B	mg/L	253	1		10		3/28/2023 18:10	BM
Carbonate as CaCO ₃	SM2320B	mg/L	ND	1		10		3/28/2023 18:10	BM
Hydroxide	SM2320B	mg/L	ND	1		10		3/28/2023 18:10	BM
Langelier index, 15°C	SM2330B	NA	0.34	1					
Langelier index, 60°C	SM2330B	NA	1.17	1					
Specific Conductance (EC)	SM2510B	µmho/cm @25.0°C	710	1		10	900	3/28/2023 18:10	BM
Total Dissolved Solids	SM2540C	mg/L	400	1		10	500	3/28/2023 14:00	BM
pH (Laboratory)	SM4500-H+B	pH (H)	8.2	1		1	8.5	3/28/2023 18:10	BM
Temperature (pH)	SM4500-H+B,temp	°C	17.5	1				3/28/2023 18:10	BM

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Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
MBAS (Surfactants)	SM5540C	mg/L	ND	1		0.05		3/28/2023 9:00	BM
Coliform, E Coli	SM9223B-18hr	/100mL	Absent	1				3/27/2023 17:35	SB
Coliform, Total	SM9223B-18hr	/100mL	Absent	1				3/27/2023 17:35	SB

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