



Monterey Bay Analytical Services

4 Justin Court Suite D, Monterey, CA 93940

831.375.MBAS (6227)

www.MBASinc.com

ELAP Certification Number: 2385

Monday, March 27, 2023

Pajaro Sunny Mesa Svc District

Don Rosa

136 San Juan Road

Royal Oaks, CA 95076

Sample Results

Lab Number: 230320_24-01 Sample Description: Sunny Mesa WS, Well #2

Collection Date/Time: 3/20/2023 12:10 Sample Collector: Farfan R Client Sample #:

Received Date/Time: 3/20/2023 14:02 System ID: CA2700773_002_002 Coliform Designation: Special

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Aggressivity Index	Calculation	NA	12.1	1				3/23/2023 14:30	SS
Anion-Cation Balance	Calculation	%	2	1				3/23/2023 14:30	SS
QC Anion Sum x 100	Calculation	%	104	1				3/23/2023 14:30	SS
QC Cation Sum x 100	Calculation	%	108	1				3/23/2023 14:30	SS
QC Ratio TDS/SEC	Calculation	NA	0.57	1				3/22/2023 14:15	BM
Ammonia-N	EPA 350.1	mg/L	ND	1		0.15		3/22/2023 10:39	XQL
Turbidity	EPA180.1	NTU	4.5	1		0.1	5	3/20/2023 15:20	CC
Calcium	EPA200.7	mg/L	34	1		1		3/22/2023 16:55	OW
Copper, Total	EPA200.7	µg/L	ND	1		20	1300	3/22/2023 16:55	OW
Hardness (as CaCO3)	EPA200.7	mg/L	278	1		5		3/22/2023 17:20	OW
Iron, Total	EPA200.7	µg/L	598	1		30	300	3/22/2023 16:55	OW
Magnesium	EPA200.7	mg/L	47.1	1		0.5		3/22/2023 16:55	OW
Manganese, Total	EPA200.7	µg/L	335	1		15	50	3/22/2023 16:55	OW
Potassium	EPA200.7	mg/L	2.7	1		0.5		3/22/2023 16:55	OW
Sodium	EPA200.7	mg/L	44	1		1		3/22/2023 16:55	OW
Zinc, Total	EPA200.7	µg/L	42	1		30	5000	3/22/2023 16:55	OW
Aluminum, Total	EPA200.8	µg/L	ND	1		15	1000	3/22/2023 16:07	OW
Antimony, Total	EPA200.8	µg/L	ND	1		0.5	6	3/22/2023 16:07	OW
Arsenic, Total	EPA200.8	µg/L	ND	1		1	10	3/22/2023 16:07	OW
Barium, Total	EPA200.8	µg/L	29.7	1		5	1000	3/22/2023 16:07	HC
Beryllium, Total	EPA200.8	µg/L	ND	1		0.5	4	3/22/2023 16:07	OW
Cadmium, Total	EPA200.8	µg/L	ND	1		0.25	5	3/22/2023 16:07	OW
Chromium, Total	EPA200.8	µg/L	6.1	1		1	50	3/22/2023 16:07	OW
Lead, Total	EPA200.8	µg/L	ND	1		1	15	3/22/2023 16:07	OW
Mercury, Total	EPA200.8	µg/L	ND	1		0.3	2	3/22/2023 16:07	OW
Nickel, Total	EPA200.8	µg/L	ND	1		5	100	3/22/2023 16:07	OW
Selenium, Total	EPA200.8	µg/L	ND	1		1	50	3/22/2023 16:07	OW

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



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Silver, Total	EPA200.8	µg/L	ND	1		1.5	100	3/24/2023 12:28	HC
Thallium, Total	EPA200.8	µg/L	ND	1		0.5	2	3/22/2023 16:07	OW
Bromide	EPA300.0	mg/L	0.2	1		0.1		3/21/2023 11:56	HC
Chloride	EPA300.0	mg/L	50.5	1		1	250	3/20/2023 17:22	HC
Fluoride	EPA300.0	mg/L	0.1	1		0.1	2	3/20/2023 17:22	HC
Nitrate as N	EPA300.0	mg/L	0.3	1		0.1	10	3/20/2023 17:22	HC
Nitrate+Nitrite as N	EPA300.0	mg/L	0.3	1		0.1	10	3/20/2023 17:22	HC
Nitrite as N	EPA300.0	mg/L	ND	1		0.1	1	3/20/2023 17:22	HC
Orthophosphate as P	EPA300.0	mg/L	ND	1		0.1		3/20/2023 17:22	HC
Sulfate	EPA300.0	mg/L	65	1		2	250	3/20/2023 17:22	HC
Perchlorate	EPA314.0	µg/L	ND	1	LM, IL	2	6	3/24/2023 13:54	HC
<i>LM: MS and/or MSD above acceptance limits. IL: RPD exceeds laboratory control limit.</i>									
Trihalomethanes	EPA551.1	µg/L	ND	1	E		80	3/24/2023 16:34	E
Haloacetic Acids	EPA552	µg/L	ND	1	E		60	3/24/2023 16:34	E
Chlorine Residual (Field)	External	mg/L	ND	1				3/20/2023 12:10	
Cyanide, Available	OIA-1677-09	µg/L	ND	1		4	150	3/20/2023 16:20	XQL
Color, Apparent (Unfiltered)	SM2120B	Color Units	5	1		3	15	3/21/2023 9:35	CC
Odor Threshold at 60 C	SM2150B	TON	<1	1		1	3	3/20/2023 15:03	BM
<i>Odor: Not observed.</i>									
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	222	1		10		3/21/2023 14:44	BM
Bicarbonate (as HCO3-)	SM2320B	mg/L	271	1		10		3/21/2023 14:44	BM
Carbonate as CaCO3	SM2320B	mg/L	ND	1		10		3/21/2023 14:44	BM
Hydroxide	SM2320B	mg/L	ND	1		10		3/21/2023 14:44	BM
Langelier Index, 15°C	SM2330B	NA	-0.07	1				3/23/2023 14:30	SS
Langelier Index, 60°C	SM2330B	NA	0.76	1				3/23/2023 14:30	SS
Specific Conductance (EC)	SM2510B	µmho/cm @25.0°C	697	1		10	900	3/21/2023 14:44	BM
Total Dissolved Solids	SM2540C	mg/L	398	1		10	500	3/21/2023 8:50	BM
pH (Laboratory)	SM4500-H+B	pH (H)	7.8	1		1	8.5	3/20/2023 16:20	BM
Temperature (pH)	SM4500-H+B,temp	°C	24.3	1				3/20/2023 16:20	BM

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