



## 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

### Lab Number: 230320\_21-02      Sample Description: Sunny Mesa WS, 19 Bay Farms Rd

Collection Date/Time: 3/20/2023 11:40      Sample Collector: Farfan R      Client Sample #:

Received Date/Time: 3/20/2023 14:02      System ID: CA2700773

Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Aggressivity Index	Calculation	NA	12.0	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	%	103	1				3/23/2023 14:30	SS
QC Cation Sum x 100	Calculation	%	106	1				3/23/2023 14:30	SS
QC Ratio TDS/SEC	Calculation	NA	0.56	1				3/22/2023 14:15	BM
Turbidity	EPA180.1	NTU	0.25	1		0.1	5	3/20/2023 15:20	CC
Calcium	EPA200.7	mg/L	37	1		1		3/22/2023 16:53	OW
Copper, Total	EPA200.7	µg/L	ND	1		20	1300	3/22/2023 16:53	OW
Hardness (as CaCO3)	EPA200.7	mg/L	238	1		5		3/22/2023 17:20	OW
Iron, Total	EPA200.7	µg/L	ND	1		30	300	3/22/2023 16:53	OW
Magnesium	EPA200.7	mg/L	35.4	1		0.5		3/22/2023 16:53	OW
Manganese, Total	EPA200.7	µg/L	ND	1		15	50	3/22/2023 16:53	OW
Potassium	EPA200.7	mg/L	2.4	1		0.5		3/22/2023 16:53	OW
Sodium	EPA200.7	mg/L	47	1		1		3/22/2023 16:53	OW
Zinc, Total	EPA200.7	µg/L	ND	1		30	5000	3/22/2023 16:53	OW
Aluminum, Total	EPA200.8	µg/L	ND	1		15	1000	3/22/2023 16:03	OW
Antimony, Total	EPA200.8	µg/L	ND	1		0.5	6	3/22/2023 16:03	OW
Arsenic, Total	EPA200.8	µg/L	ND	1		1	10	3/22/2023 16:03	OW
Barium, Total	EPA200.8	µg/L	33.7	1		5	1000	3/22/2023 16:03	HC
Beryllium, Total	EPA200.8	µg/L	ND	1		0.5	4	3/22/2023 16:03	OW
Cadmium, Total	EPA200.8	µg/L	ND	1		0.25	5	3/22/2023 16:03	OW
Chromium, Total	EPA200.8	µg/L	5.7	1		1	50	3/22/2023 16:03	OW
Lead, Total	EPA200.8	µg/L	ND	1		1	15	3/22/2023 16:03	OW
Mercury, Total	EPA200.8	µg/L	ND	1		0.3	2	3/22/2023 16:03	OW
Nickel, Total	EPA200.8	µg/L	ND	1		5	100	3/22/2023 16:03	OW
Selenium, Total	EPA200.8	µg/L	ND	1		1	50	3/22/2023 16:03	OW
Silver, Total	EPA200.8	µg/L	ND	1		1.5	100	3/24/2023 12:26	HC
Thallium, Total	EPA200.8	µg/L	ND	1		0.5	2	3/22/2023 16:03	OW
Bromide	EPA300.0	mg/L	ND	1		0.1		3/21/2023 11:40	HC

**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)  
 MCL: Maximum Contamination Level      MPN: Most Probable Number  
 ND: Not Detected at the PQL (or MDL, if shown)  
 H: Analyzed outside of method hold time      QC: Quality Control



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Analyte	Method	Unit	Result	Dilution	Qualifier	PQL	MCL	Analysis Date / Time	Analyst
Chloride	EPA300.0	mg/L	57.9	1		1	250	3/20/2023 17:06	HC
Fluoride	EPA300.0	mg/L	0.1	1		0.1	2	3/20/2023 17:06	HC
Nitrate as N	EPA300.0	mg/L	0.4	1		0.1	10	3/20/2023 17:06	HC
Nitrate+Nitrite as N	EPA300.0	mg/L	0.4	1		0.1	10	3/20/2023 17:06	HC
Nitrite as N	EPA300.0	mg/L	ND	1		0.1	1	3/20/2023 17:06	HC
Orthophosphate as P	EPA300.0	mg/L	ND	1		0.1		3/20/2023 17:06	HC
Sulfate	EPA300.0	mg/L	42	1		2	250	3/20/2023 17:06	HC
Perchlorate	EPA314.0	µg/L	ND	1	IL	2	6	3/24/2023 13:38	HC
<i>IL: RPD exceeds laboratory control limit.</i>									
Trihalomethanes	EPA551.1	µg/L	6	1	E	80		3/23/2023 4:21	E
Haloacetic Acids	EPA552	µg/L	ND	1	E	60		3/23/2023 23:09	E
Cyanide, Available	OIA-1677-09	µg/L	ND	1		4	150	3/20/2023 16:18	XQL
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	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	206	1		10		3/21/2023 14:37	BM
Bicarbonate (as HCO3-)	SM2320B	mg/L	252	1		10		3/21/2023 14:37	BM
Carbonate as CaCO3	SM2320B	mg/L	ND	1		10		3/21/2023 14:37	BM
Hydroxide	SM2320B	mg/L	ND	1		10		3/21/2023 14:37	BM
Langelier Index, 15°C	SM2330B	NA	-0.11	1				3/23/2023 14:30	SS
Langelier Index, 60°C	SM2330B	NA	0.72	1				3/23/2023 14:30	SS
Specific Conductance (EC)	SM2510B	µmho/cm @25.0°C	648	1		10	900	3/21/2023 14:37	BM
Total Dissolved Solids	SM2540C	mg/L	366	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	25.0	1				3/20/2023 16:20	BM
MBAS (Surfactants)	SM5540C	mg/L	ND	1		0.05		3/21/2023 9:38	BM
<i>MBAS, calculated as LAS, mol wt 342.4 g/mole</i>									

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