



# MBAS

## Monterey Bay Analytical Services

4 Justin Court Suite D, Monterey, CA 93940

831.375.MBAS (6227)

www.MBASinc.com

ELAP Certification Number: 2385

### City of San Juan Bautista

Miles Farmer

311 2nd St.

San Juan Bautista, CA 95045

Friday, April 19, 2019

**Lab Number: 190404\_29-03**

Collection Date/Time: 4/4/2019 11:30

Sample Collector: Farmer M

Client Sample #:

Submittal Date/Time: 4/4/2019 15:00

System ID: San Juan Bautista WWTP

Coliform Designation:

**Sample Description: San Juan Bautista WWTP, Effluent Grab**

Analyte	Method	Unit	Result	Qual	Dil.	PQL	Anal. Date	Anal. Time	Analyst
Coliform, E Coli (Quantitray)	SM9223	MPN/100mL	>2419		1	1	4/4/2019	15:20	MW
Coliform, Total (Quantitray)	SM9223	MPN/100mL	>2419		1	1	4/4/2019	15:20	MW

**Comments:**

Report Approved by:



David Holland, Laboratory Director

mg/L : Milligrams per liter (=ppm)

µg/L : Micrograms per liter (=ppb)

PQL : Practical Quantitation Limit

MCL : Maximum Contamination Level

H = Analyzed outside of hold time

E = Analysis performed by External Laboratory; See Report attachments

T = Temperature Exceedance

MDL = Method Detection Limit

J = Result is less than PQL

ND = Non Detect



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Friday, April 19, 2019

### Lab Number: 190404\_29-01 Sample Description: San Juan Bautista WWTP, Influent Composite

Collection Date/Time: 4/4/2019 11:20 Sample Collector: Farmer M Client Sample #:

Submittal Date/Time: 4/4/2019 15:00 System ID: San Juan Bautista WWTP

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MCL	Analysis Date / Time	Analyst
Ammonia-N	EPA 350.1	mg/L	32.5	1	LN	0.1		4/16/2019 15:13	HC
<i>LN: MS and/or MSD below acceptance limits.</i>									
Total Suspended Solids	SM2540D	mg/L	338	1		2		4/8/2019 9:09	LM
Biochemical Oxygen Demand	SM5210B	mg/L	197	1		2		4/5/2019 11:40	MW

### Lab Number: 190404\_29-02 Sample Description: San Juan Bautista WWTP, Effluent Composite

Collection Date/Time: 4/4/2019 11:25 Sample Collector: Farmer M Client Sample #:

Submittal Date/Time: 4/4/2019 15:00 System ID: San Juan Bautista WWTP

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MCL	Analysis Date / Time	Analyst
Total Suspended Solids	SM2540D	mg/L	9	1		2		4/8/2019 9:09	LM
Biochemical Oxygen Demand	SM5210B	mg/L	18	1		2		4/5/2019 11:40	MW

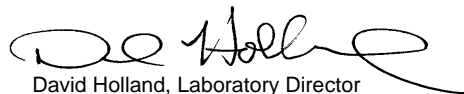
### Lab Number: 190404\_29-03 Sample Description: San Juan Bautista WWTP, Effluent Grab

Collection Date/Time: 4/4/2019 11:30 Sample Collector: Farmer M Client Sample #:

Submittal Date/Time: 4/4/2019 15:00 System ID: San Juan Bautista WWTP

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MCL	Analysis Date / Time	Analyst
Sodium	EPA200.7	mg/L	260	1		1		4/11/2019 13:25	MW
Chloride	EPA300.0	mg/L	398	1		1	250	4/5/2019 0:14	BS
Total Dissolved Solids	SM2540C	mg/L	1440	1		10	500	4/8/2019 14:51	LM
Dissolved Oxygen (Laboratory)	SM4500-O G	mg/L	2.24	1		0.5		4/4/2019 17:02	PS

Report Approved by:

  
David Holland, Laboratory Director

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µg/L : Micrograms per liter (=ppb)

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H = Analyzed outside of hold time

E = Analysis performed by External Laboratory; See Report attachments

T = Temperature Exceedance

MDL = Method Detection Limit

J = Result is less than PQL

ND = Non Detect

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### QC Results

QC Batch ID	QC ID	Parameter	Results	Units	% Rec	% RPD	Control Limit
QC19041802	190405_02-02: MS 1	Ammonia-N	5.93	mg/L	73		80 - 120
	190405_02-02: MSD 1	Ammonia-N	5.86	mg/L	66	9.9	0 - 20
	CCVB 1	Ammonia-N	ND	mg/L		< 0.1	
	LCS 1	Ammonia-N	1.01	mg/L	101		90 - 110
	LCSD 1	Ammonia-N	1.02	mg/L	102	1.0	0 - 10
	LCSL 1	Ammonia-N	0.1	mg/L	101		50 - 150
	Method Blank 1	Ammonia-N	ND	mg/L		< 0.1	
	QCS 1	Ammonia-N	1.01	mg/L	101		90 - 110
QC19041012	GGA 1	Biochemical Oxygen Demand	174.0	mg/L	88		85 - 115
	Method Blank 1	Biochemical Oxygen Demand	ND	mg/L		< 0.1	
QC19040505	190404_11-02: MS 1	Chloride	149.5	mg/L	117		80 - 120
	190404_11-02: MSD 1	Chloride	148.8	mg/L	113	3.0	0 - 10
	CCVB 1	Chloride	ND	mg/L		< 0.1	
	LCS 1	Chloride	20.4	mg/L	102		90 - 110
	LCSD 1	Chloride	20.48	mg/L	102	0.4	0 - 10
	LCSL 1	Chloride	1.87	mg/L	93		50 - 150
	Method Blank 1	Chloride	ND	mg/L		< 0.1	
QC19041602	190404_28-01: MS 1	Sodium	129.8	mg/L	76		70 - 130
	190404_28-01: MSD 1	Sodium	131.5	mg/L	80	4.3	0 - 20
	CCVB 1	Sodium	ND	mg/L		< 0.1	
	LCB 1	Sodium	ND	mg/L		< 0.1	
	LCS 1	Sodium	52.28	mg/L	105		95 - 105
	LCSD 1	Sodium	50.4	mg/L	101	3.7	0 - 10
	LFB 1	Sodium	52.27	mg/L	105		85 - 115
	LFBD 1	Sodium	50.01	mg/L	100	4.4	0 - 20
	Method Blank 1	Sodium	ND	mg/L		< 0.1	
QC19041939	190404_33-01: Duplicate 1	Total Dissolved Solids	808.0	mg/L		< 0.1	0 - 5
	CCVB 1	Total Dissolved Solids	ND	mg/L		< 0.1	
	LCS 1	Total Dissolved Solids	524.0	mg/L	105		90 - 110
	LCSD 1	Total Dissolved Solids	500.0	mg/L	100	4.7	0 - 10
	LCSL 1	Total Dissolved Solids	56.0	mg/L	112		50 - 150
	Method Blank 1	Total Dissolved Solids	ND	mg/L		< 0.1	
	QCS 1	Total Dissolved Solids	51.3	mg/L	103		95 - 105
QC19041807	190404_15-03: Duplicate 1	Total Suspended Solids	104.0	mg/L		8.0	0 - 10
	190404_32-01: Duplicate 2	Total Suspended Solids	500.0	mg/L		5.8	0 - 10
	190405_13-01: Duplicate 3	Total Suspended Solids	115.0	mg/L		2.6	0 - 10



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### QC Results

<u>QC Batch ID</u>	<u>QC ID</u>	<u>Parameter</u>	<u>Results</u>	<u>Units</u>	<u>% Rec</u>	<u>% RPD</u>	<u>Control Limit</u>
	Method Blank 1	Total Suspended Solids	ND	mg/L			< 0.1



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### Sample Condition Upon Receipt

**Order ID: 190404\_29**

Is there evidence of chilling?	Yes
*NOTE: Systems are encouraged but not required to hold samples <10°C (Microbiology) or <6°C (Chemistry) during transit.	
Did bottle arrive intact?	Yes
Did bottle labels agree with COC?	Yes
Adequate sample volume?	Yes
Sample preservative (HNO <sub>3</sub> , NaOH, H <sub>2</sub> SO <sub>4</sub> , Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , HCl, Other)	#01 = 250mL pres. w/ 15 drops H <sub>2</sub> SO <sub>4</sub> , pH<2 PS
Additional Comments	#03 = 250mL pres. w/ 2mL HNO <sub>3</sub> , pH<2 PS



190404-29

# Monterey Bay Analytical Services Chain Of Custody / Analysis Request

4 Justin Ct. Suite D • Monterey, Ca 93940 • (831) 375-MBAS (6227) • (831) 641-0734 (Fax)



# MBAS

Monterey Bay Analytical Services

Client/Company Name: **San Juan Bautista** Attention: **Miles Farmer**

Billing Address:

Project/System Information:  
**San Juan Bautista WWTP**

E-Mail Address(es): **Service@cypresswaterservices.com** Contract/P.O. #:

For Regulatory Compliance? YES  NO   
 For State or Local Health Department reporting: YES  NO   
 Electronic Data Transfer (EDT)? YES  NO   
 System ID Number: \_\_\_\_\_

Turn Around Time:  
 STD (7-14 Days)  48-Hour   
 5-Day  24-Hour   
 Phone # **831-594-2620**  
 Fax #

Drinking water  Wastewater  Monitoring Well  Soil  Sludge  Other

Analysis Requested				
Coliform (QT)	BOD	TSS	Cl Na TDS DO	NH3
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

MBAS Lab #	Project ID or Source Code #	Sample Site / Description (Well Name, APN#, Address, Stormdrain #)	Sampling		Receiving Temp.	CL2 Residual	Coliform Analysis					# Cont.	Container	
			Date	Time			Routine	Other	Repeat	Special	Type		Size	
-01		Influent Composite	4/4/19	1120	16.9						2	VARIOUS		
-02		Effluent Composite	4/4/19	1125	↓						1	VARIOUS		
-03		Effluent Grab	4/4/19	1130	↓						2	VARIOUS	<input checked="" type="checkbox"/>	

Printed Name	Signature	Date	Time	Comments or Special Instructions:
Sampled by: <i>Farmer, Miles</i>	<i>[Signature]</i>			
Relinquished by: <i>Cypress Water Services</i>				
Received by: <i>Pauline Seltz</i>	<i>Mason Weidner</i>	4/4/19	1500	
Relinquished by:	<i>Pauline Seltz</i>	4/4/19	1500	
Received by: <b>Monterey Bay Analytical Services</b>				

Payment received      Check # \_\_\_\_\_      Amount: \_\_\_\_\_      Receipt # \_\_\_\_\_      Date: \_\_\_\_\_