

City of San Juan Bautista
 Miles Farmer
 311 2nd St.
 San Juan Bautista, CA 95045

4 Justin Court Suite D, Monterey, CA 93940
 831.375.MBAS (6227)
 www.MBASinc.com
 ELAP Certification Number: 2385

Thursday, April 11, 2019

Lab Number: 190328_19-01 Sample Description: San Juan Bautista WWTP, Effluent Composite

Collection Date/Time: 3/28/2019 13:15 Sample Collector: Weidner M Client Sample #:
 Submittal Date/Time: 3/28/2019 14:42 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Total Suspended Solids	SM2540D	mg/L	6	1		2	2	4/3/2019 11:51	LM
Biochemical Oxygen Demand	SM5210B	mg/L	8	1		2	2	3/29/2019 9:15	MW

Lab Number: 190328_19-02 Sample Description: San Juan Bautista WWTP, Effluent Grab

Collection Date/Time: 3/28/2019 13:20 Sample Collector: Weidner M Client Sample #:
 Submittal Date/Time: 3/28/2019 14:42 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Ammonia-N	EPA 350.1	mg/L	20.7	5		0.5	0.25	4/4/2019 12:52	HC
Sodium	EPA200.7	mg/L	281	1		1	0.5	4/4/2019 19:01	MW
Chloride	EPA300.0	mg/L	437	1	LM	1	0.1	3/29/2019 1:09	HM
<i>LM: MS and/or MSD above acceptance limits.</i>									
Ammonia-NH3 (calc) Un-Ionized	SM_Table 8010	µg/L	404	1		0.1	0.1		
Total Dissolved Solids	SM2540C	mg/L	1470	1		10	4	4/2/2019 15:06	LM
pH (Laboratory)	SM4500-H+B	pH (H)	7.7	1		0.1	0.1	3/28/2019 16:36	PS
Dissolved Oxygen (Laboratory)	SM4500-O G	mg/L	10.80	1	H*	0.5	0.5	4/11/2019 11:54	PS
<i>H/Lab Error: not analyzed day of receipt.</i>									
Coliform, E Coli (Quantitray)	SM9223	MPN/100mL	<1	1		1	1	3/28/2019 15:30	MW
Coliform, Total (Quantitray)	SM9223	MPN/100mL	11	1		1	1	3/28/2019 15:30	MW

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

City of San Juan Bautista
 Miles Farmer
 311 2nd St.
 San Juan Bautista, CA 95045

4 Justin Court Suite D, Monterey, CA 93940

831.375.MBAS (6227)

www.MBASinc.com

ELAP Certification Number: 2385

Thursday, April 11, 2019

QC Results

QCBatch ID	QC ID	Parameter	Results	Units	% Rec	% RPD	Control Limits
QC19040821	190329_12-02: MS 1	Ammonia-N	1.06	mg/L	107		80 - 120
	190329_12-02: MSD 1	Ammonia-N	1.05	mg/L	107	0.3	0 - 20
	CCVB 1	Ammonia-N	ND	mg/L		< 0.1	
	CCVB 2	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	0.5	0 - 10
	LCSL 1	Ammonia-N	0.06	mg/L	62		50 - 150
	Method Blank 1	Ammonia-N	ND	mg/L		< 0.1	
	QCS 1	Ammonia-N	0.98	mg/L	98		90 - 110
QC19040814	GGA 1	Biochemical Oxygen Demand	198.0	mg/L	100		85 - 115
	Method Blank 1	Biochemical Oxygen Demand	ND	mg/L		< 0.1	
QC19032904	190328_11-01: MS 1	Chloride	279.0	mg/L	120		80 - 120
	190328_11-01: MSD 1	Chloride	283.0	mg/L	140	15.4	0 - 10
	CCVB 1	Chloride	ND	mg/L		< 0.1	
	LCS 1	Chloride	19.59	mg/L	98		90 - 110
	LCSD 1	Chloride	20.02	mg/L	100	2.1	0 - 10
	LCSL 1	Chloride	2.53	mg/L	127		50 - 150
	Method Blank 1	Chloride	ND	mg/L		< 0.1	
QC19040109	190328_26-03: Duplicate 1	pH (Laboratory)	7.3	pH (H)		< 0.1	0 - 10
	LCS 1	pH (Laboratory)	6.86	pH (H)	100		95 - 105
	LCSD 1	pH (Laboratory)	6.86	pH (H)	100	< 0.1	0 - 10
QC19040810	190402_18-04: MS 1	Sodium	67.38	mg/L	105		70 - 130
	190402_18-04: MSD 1	Sodium	72.5	mg/L	115	9.3	0 - 20
	CCVB 1	Sodium	ND	mg/L		< 0.1	
	LCB 1	Sodium	ND	mg/L		< 0.1	
	LCS 1	Sodium	50.7	mg/L	101		95 - 105
	LCSD 1	Sodium	52.52	mg/L	105	3.5	0 - 10
	LFB 1	Sodium	49.49	mg/L	99		85 - 115
	LFBD 1	Sodium	53.08	mg/L	106	7.0	0 - 20
	Method Blank 1	Sodium	ND	mg/L		< 0.1	
	QCS 1	Sodium	49.7	mg/L	99		95 - 105
QC19040415	190329_03-03: Duplicate 1	Total Dissolved Solids	212.0	mg/L		4.6	0 - 5
	CCVB 1	Total Dissolved Solids	ND	mg/L		< 0.1	

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



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

Thursday, April 11, 2019

QC Results

QCBatch ID	QC ID	Parameter	Results	Units	% Rec	% RPD	Control Limits
	LCS 1	Total Dissolved Solids	500.0	mg/L	100		90 - 110
	LCSD 1	Total Dissolved Solids	514.0	mg/L	103	2.8	0 - 10
	LCSL 1	Total Dissolved Solids	60.0	mg/L	120		50 - 150
	Method Blank 1	Total Dissolved Solids	ND	mg/L		< 0.1	
QC19040509	190401_16-03: Duplicate 1	Total Suspended Solids	5700.0	mg/L		2.5	0 - 10
	190402_31-02: Duplicate 2	Total Suspended Solids	3380.0	mg/L		3.0	0 - 10
	Method Blank 1	Total Suspended Solids	ND	mg/L		< 0.1	

mg/L : Milligrams per liter (=ppm)

H = Analyzed outside of hold time

MDL = Method Detection Limit

µg/L : Micrograms per liter (=ppb)

E = Analysis performed by External Laboratory; See Report attachments

J = Result is less than PQL

PQL : Practical Quantitation Limit

ND = Non Detect

MCL : Maximum Contamination Level

T = Temperature Exceedance



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

Thursday, April 11, 2019

Sample Condition Upon Receipt

Order ID: 190328_19

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 ₃ , NaOH, H ₂ SO ₄ , Na ₂ S ₂ O ₃ , HCl, Other)	#02 = 250mL pres. w/ 2mL HNO ₃ , pH<2 PS
Additional Comments	#02 = 250mL pres. w/ 15 drops H ₂ SO ₄ , pH<2 PS

mg/L : Milligrams per liter (=ppm)

H = Analyzed outside of hold time

MDL = Method Detection Limit

µg/L : Micrograms per liter (=ppb)

E = Analysis performed by External Laboratory; See Report attachments

J = Result is less than PQL

PQL : Practical Quantitation Limit

ND = Non Detect

MCL : Maximum Contamination Level

T = Temperature Exceedance

190328-19

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)



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. #:		Phone # 831-594-2620	
For Regulatory Compliance? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> For State or Local Health Department reporting: Electronic Data Transfer (EDT)? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> System ID Number: _____		Turn Around Time: STD (7-14 Days) <input checked="" type="checkbox"/> 48-Hour <input type="checkbox"/> 5-Day <input type="checkbox"/> 24-Hour <input checked="" type="checkbox"/> Fax # _____	
Drinking water <input type="checkbox"/> Wastewater <input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Soil <input type="checkbox"/> Sludge <input type="checkbox"/> Other <input 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		Coliform (QT)	BOD	TSS	Cl Na TDS DO	Unionized Ammonia	pH
			Date	Time			Routine	Other	Repeat	Special	Type		Size							
-01		Effluent Composite	03/28/2019	1315	13.7						1	Plastic	2 Liter		✓	✓				
-02		Effluent Grab	03/28/2019	1320	17.1						3			✓			✓	✓	✓	

Printed Name	Signature	Date	Time	Comments or Special Instructions:
Sampled by: Weidner, Mason	<i>Mason Weidner</i>			
Relinquished by: Cypress Water Services	<i>Mason Weidner</i>	03/28/2019	1410	
Received by: L. Mitsuhashi	<i>[Signature]</i>	3/28/19	1442	
Relinquished by:				
Received by: Monterey Bay Analytical Services	<i>Pauline Seta</i>	3/28/19	1446	

<input type="checkbox"/> Payment received	Check #	Amount:	Receipt #	Date:
---	---------	---------	-----------	-------