

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

Tuesday, April 02, 2019

Lab Number: 190321_28-01 Sample Description: San Juan Bautista WWTP, Influent Composite

Collection Date/Time: 3/21/2019 12:45 Sample Collector: Farmer M Client Sample #:
 Submittal Date/Time: 3/21/2019 14:40 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Total Suspended Solids	SM2540D	mg/L	532	1		2	2	3/26/2019 8:29	LM
Biochemical Oxygen Demand	SM5210B	mg/L	153	1		2	2	3/22/2019 8:20	MW

Lab Number: 190321_28-02 Sample Description: San Juan Bautista WWTP, Effluent Composite

Collection Date/Time: 3/21/2019 12:51 Sample Collector: Farmer M Client Sample #:
 Submittal Date/Time: 3/21/2019 14:40 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Total Suspended Solids	SM2540D	mg/L	20	1		2	2	3/26/2019 8:29	LM
Biochemical Oxygen Demand	SM5210B	mg/L	18	1		2	2	3/22/2019 8:20	MW

Lab Number: 190321_28-03 Sample Description: San Juan Bautista WWTP, Effluent Grab

Collection Date/Time: 3/21/2019 13:00 Sample Collector: Farmer M Client Sample #:
 Submittal Date/Time: 3/21/2019 14:40 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Phosphorus, Total	EPA 365.1	mg/L	2.23	5		0.1	0.07	3/22/2019 16:25	HC
Oil & Grease (HEM)	EPA1664 rev.B	mg/L	4	1		3	1	3/27/2019 11:00	HM
Calcium	EPA200.7	mg/L	169	1		1	0.7	3/26/2019 16:58	HM
Magnesium	EPA200.7	mg/L	55	1		0.5	0.1	3/26/2019 16:58	HM
Sodium	EPA200.7	mg/L	281	1	MB	1	0.5	3/26/2019 16:58	HM
<i>MB: Analyte present in the CCVB.</i>									
Chloride	EPA300.0	mg/L	421	1		1	0.1	3/22/2019 1:18	HM
Nitrate as N	EPA300.0	mg/L	0.02	1	J	0.1	0.01	3/22/2019 1:18	HM
Nitrite as N	EPA300.0	mg/L	0.05	1	J	0.1	0.02	3/22/2019 1:18	HM
Sulfate	EPA300.0	mg/L	237	1		1	0.1	3/22/2019 1:18	HM
Color, Apparent (Unfiltered)	SM2120B	Color Units	50	2		6	2	3/22/2019 14:40	PS
Hardness (as CaCO ₃)	SM2340B/Calc	mg/L	648	1		10	10		
Total Dissolved Solids	SM2540C	mg/L	1490	1		10	4	3/25/2019 15:01	LM
Settleable Solids	SM2540F	mL/L	0.1	1		0.1	0.1	3/21/2019 16:02	PS
Temperature	SM2550	° C	14.3	1				3/21/2019 14:40	PS
pH (Laboratory)	SM4500-H+B	pH (H)	7.7	1		0.1	0.1	3/21/2019 17:17	LM
Dissolved Oxygen (Laboratory)	SM4500-O G	mg/L	3.85	1		0.5	0.5	3/21/2019 17:29	PS
Coliform, E Coli (Quantitray)	SM9223	MPN/100mL	2	1		1	1	3/21/2019 16:05	LM
Coliform, Total (Quantitray)	SM9223	MPN/100mL	165	1		1	1	3/21/2019 16:05	LM

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µg/L : Micrograms per liter (=ppb)

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E = Analysis performed by External Laboratory; See Report attachments

T = Temperature Exceedance

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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

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Miles Farmer

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Tuesday, April 02, 2019

Lab Number: 190321_28-04 Sample Description: San Juan Bautista WWTP, Influent Grab

Collection Date/Time: 3/21/2019 12:45 Sample Collector: Farmer M Client Sample #:

Submittal Date/Time: 3/21/2019 14:40 System ID: WW

Analyte	Method	Unit	Result	Dil.	Qual	PQL	MDL	Analysis Date / Time	Analyst
Calcium	EPA200.7	mg/L	177	1		1	0.7	3/26/2019 17:01	HM
Magnesium	EPA200.7	mg/L	65	1		0.5	0.1	3/26/2019 17:01	HM
Sodium	EPA200.7	mg/L	323	1	MB	1	0.5	3/26/2019 17:01	HM
<i>MB: Analyte present in the CCVB.</i>									
Chloride	EPA300.0	mg/L	450	4		4	0.4	3/22/2019 1:34	HM
Sulfate	EPA300.0	mg/L	194	4		4	0.4	3/22/2019 1:34	HM
Hardness (as CaCO3)	SM2340B/Calc	mg/L	712	1		10	10		
Total Dissolved Solids	SM2540C	mg/L	1850	1		10	4	3/25/2019 15:01	LM

Report Approved by:

David Holland, Laboratory Director

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QC Results

QC Batch ID	QC ID	Parameter	Results	Units	% Rec	% RPD	Control Limits
QC19032720	GGA 1	Biochemical Oxygen Demand	212.0	mg/L	107		85 - 115
	Method Blank 1	Biochemical Oxygen Demand	ND	mg/L		< 0.1	
QC19032708	190321_27-01: MS 1	Calcium	142.8	mg/L	106		70 - 130
	190321_27-01: MSD 1	Calcium	142.5	mg/L	105	0.6	0 - 20
	CCVB 1	Calcium	ND	mg/L		< 0.1	
	LCB 1	Calcium	ND	mg/L		< 0.1	
	LCS 1	Calcium	50.2	mg/L	100		95 - 105
	LCSD 1	Calcium	51.44	mg/L	103	2.4	0 - 10
	LFB 1	Calcium	46.35	mg/L	93		85 - 115
	LFBD 1	Calcium	50.85	mg/L	102	9.2	0 - 20
	Method Blank 1	Calcium	ND	mg/L		< 0.1	
	QCS 1	Calcium	49.9	mg/L	100		95 - 105
QC19032503	190321_34-01: MS 1	Chloride	74.42	mg/L	101		80 - 120
	190321_34-01: MSD 1	Chloride	74.14	mg/L	100	1.4	0 - 10
	CCVB 1	Chloride	ND	mg/L		< 0.1	
	LCS 1	Chloride	20.18	mg/L	101		90 - 110
	LCSD 1	Chloride	20.16	mg/L	101	0.1	0 - 10
	LCSL 1	Chloride	2.0	mg/L	100		50 - 150
	Method Blank 1	Chloride	ND	mg/L		< 0.1	
QC19032509	190321_28-03: Duplicate 1	Color, Apparent (Unfiltered)	50.0	Color Units		< 0.1	0 - 25
	CCVB 1	Color, Apparent (Unfiltered)	ND	Color Units		< 0.1	
	LCS 1	Color, Apparent (Unfiltered)	5.0	Color Units	100		80 - 120
	LCSD 1	Color, Apparent (Unfiltered)	5.0	Color Units	100	< 0.1	0 - 20
	Method Blank 1	Color, Apparent (Unfiltered)	ND	Color Units		< 0.1	
QC19032708	190321_27-01: MS 1	Magnesium	59.8	mg/L	109		70 - 130
	190321_27-01: MSD 1	Magnesium	57.62	mg/L	105	4.1	0 - 20
	CCVB 1	Magnesium	ND	mg/L		< 0.1	
	LCB 1	Magnesium	ND	mg/L		< 0.1	
	LCS 1	Magnesium	51.21	mg/L	102		95 - 105
	LCSD 1	Magnesium	52.46	mg/L	105	2.4	0 - 10
	LFB 1	Magnesium	47.79	mg/L	96		85 - 115
	LFBD 1	Magnesium	53.0	mg/L	106	10.3	0 - 20
	Method Blank 1	Magnesium	ND	mg/L		< 0.1	

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QCBatch ID	QC ID	Parameter	Results	Units	% Rec	% RPD	Control Limits
	QCS 1	Magnesium	50.47	mg/L	101		95 - 105
QC19032503	190321_34-01: MS 1	Nitrate as N	4.81	mg/L	94		80 - 120
	190321_34-01: MSD 1	Nitrate as N	4.79	mg/L	93	0.8	0 - 10
	CCVB 1	Nitrate as N	ND	mg/L		< 0.1	
	LCS 1	Nitrate as N	1.96	mg/L	98		90 - 110
	LCSD 1	Nitrate as N	1.96	mg/L	98	< 0.1	0 - 10
	LCSL 1	Nitrate as N	0.17	mg/L	87		50 - 150
	Method Blank 1	Nitrate as N	ND	mg/L		< 0.1	
	190321_34-01: MS 1	Nitrite as N	1.88	mg/L	94		80 - 120
	190321_34-01: MSD 1	Nitrite as N	1.86	mg/L	93	0.8	0 - 10
	CCVB 1	Nitrite as N	ND	mg/L		< 0.1	
	LCS 1	Nitrite as N	2.15	mg/L	108		90 - 110
	LCSD 1	Nitrite as N	2.13	mg/L	107	1.0	0 - 10
	LCSL 1	Nitrite as N	0.18	mg/L	92		50 - 150
	Method Blank 1	Nitrite as N	ND	mg/L		< 0.1	
QC19032910	190325_05-01: MS 1	Oil & Grease (HEM)	19.3	mg/L	97		78 - 114
	190325_05-01: MSD 1	Oil & Grease (HEM)	19.8	mg/L	99	2.6	0 - 18
	LCS 1	Oil & Grease (HEM)	34.5	mg/L	86		83 - 101
	Method Blank 1	Oil & Grease (HEM)	ND	mg/L		< 0.1	
QC19032208	190321_37-01: Duplicate 1	pH (Laboratory)	7.6	pH (H)		< 0.1	0 - 10
	LCS 1	pH (Laboratory)	6.86	pH (H)	100		95 - 105
QC19032507	190313_01-02: MS 1	Phosphorus, Total	0.3	mg/L	98		80 - 120
	190313_01-02: MSD 1	Phosphorus, Total	0.3	mg/L	97	0.9	0 - 25
	CCVB 1	Phosphorus, Total	ND	mg/L		< 0.1	
	LCB 1	Phosphorus, Total	ND	mg/L		< 0.1	
	LFB 1	Phosphorus, Total	0.29	mg/L	98		90 - 110
	LFBD 1	Phosphorus, Total	0.29	mg/L	98	0.1	0 - 25
	LFBL 1	Phosphorus, Total	0.02	mg/L	88		50 - 150
	QCS 1	Phosphorus, Total	0.3	mg/L	99		90 - 110
QC19032708	190321_27-01: MS 1	Sodium	109.7	mg/L	103		70 - 130
	190321_27-01: MSD 1	Sodium	109.6	mg/L	103	0.2	0 - 20
	CCVB 1	Sodium	0.67	mg/L	1	0.7	
	LCB 1	Sodium	ND	mg/L		< 0.1	

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	LCS 1	Sodium	49.83	mg/L	100		95 - 105
	LCSD 1	Sodium	52.04	mg/L	104	4.3	0 - 10
	LFB 1	Sodium	48.59	mg/L	97		85 - 115
	LFBD 1	Sodium	50.7	mg/L	101	4.3	0 - 20
	Method Blank 1	Sodium	ND	mg/L		< 0.1	
	QCS 1	Sodium	49.17	mg/L	98		95 - 105
QC19032503	190321_34-01: MS 1	Sulfate	110.5	mg/L	104		80 - 120
	190321_34-01: MSD 1	Sulfate	110.1	mg/L	103	1.7	0 - 10
	CCVB 1	Sulfate	ND	mg/L		< 0.1	
	LCS 1	Sulfate	20.38	mg/L	102		90 - 110
	LCSD 1	Sulfate	20.28	mg/L	101	0.5	0 - 10
	LCSL 1	Sulfate	1.87	mg/L	93		50 - 150
	Method Blank 1	Sulfate	ND	mg/L		< 0.1	
QC19032603	190321_50-08: Duplicate 1	Total Dissolved Solids	302.0	mg/L		3.3	0 - 5
	LCS 1	Total Dissolved Solids	548.0	mg/L	110		90 - 110
	LCSD 1	Total Dissolved Solids	492.0	mg/L	98	10.8	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	
QC19032803	190320_36-02: Duplicate 1	Total Suspended Solids	3740.0	mg/L		0.5	0 - 10
	190322_04-01: Duplicate 2	Total Suspended Solids	86.0	mg/L		< 0.1	0 - 10
	190325_02-03: Duplicate 3	Total Suspended Solids	6580.0	mg/L		5.6	0 - 10
	Method Blank 1	Total Suspended Solids	ND	mg/L		< 0.1	

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Sample Condition Upon Receipt

Order ID: 190321_28

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 (HNO3, NaOH, H2SO4, Na2S2O3, HCl, Other)	#03-04 = 250mL preserved w/ 2mL HNO3,pH<2 PS
Additional Comments	#03 = 1L amber preserved w/ 3mL HCl, pH<2 PS
Additional Comments	#03 = 250mL pres. w/ 15 drops H2SO4,pH<2 PS

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190321-28

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
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Billing Address:

Project/System Information: San Juan Bautista WWTP
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E-Mail Address(es): Service@cypresswaterservices.com	Contract/P.O. #:
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For Regulatory Compliance? YES <input checked="" type="checkbox"/> NO <input 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"/>	Phone# 831-594-2620
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	NO3, NO2, Total Phosphorus, Color	ClNa TDS	DO Oil & Grease Temp pH	SS	Total Hardness SO4
			Date	Time			Routine	Other	Repeat	Special	Type		Size								
-01		Influent Composite	3/21/19	1245	14.3						1	Plastic	2L		✓						
-02		Effluent Composite	I	1251	I						1	Plastic	2L		✓						
-03		Effluent Grab	I	1300	I						4	VARIOUS		✓		✓	✓	✓	✓	✓	
-04		Influent Grab	I	1245	I						1	Plastic	1L				✓			✓	

	Printed Name	Signature	Date	Time	Comments or Special Instructions:
Sampled by:	Farmer, Miles	<i>[Signature]</i>	3/21/2019	1245	Effluent Grab Bottles • 100ml Coliform • 1L Glass • 250ml Glass • 2L Plastic
Relinquished by:	Cypress Water Services	<i>Mason Weidner</i>	3/21/19	1448	
Received by:	<i>Pauline Seto</i>	<i>Pauline Seto</i>	3/21/19	1446	
Relinquished by:					
Received by:	Monterey Bay Analytical Services				

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