

Q-3-2018

EFF-001	20180710 PR	TDS	1046 MG/L
EFF-001	20180710 PR	TDS	982 MG/L AVE 12 mo.
EFF-001	20180726 PR	NA	215 MG/L
EFF-001	20180726 PR	NA	202 MG/L
EFF-001	20180723 PR	CL	188 MG/L
EFF-001	20180723 PR	CL	201 MG/L
EFF-001	20180806 PR	SO4S	269 MG/L
EFF-001	20180827 PR	B	0.59 MG/L
EFF-001	20180821 PR	NO3N	4.59 MG/L
EFF-001	20180821 PR	NO2N	0.37 MG/L
EFF-001	20180829 PR	ON	1.44 MG/L
EFF-001	20180802 PR	HARD	308 MG/L
EFF-001	20180710 PR	OILGREASE	5 MG/L
EFF-001	20180710 PR	OILGREASE	5 MG/L
EFF-001	20180718 PR	COLOR	40 COLOR UNIT
EFF-001	20180814 PR	P	2 MG/L
EFF-001	20180814 PR	ACUTETOX	0 TUA
EFF-001	20180814 PR	ACUTETOX	97.5 PERPASS
EFF-001	20180719 PR	CHRONICTOX	2 TUC
EFF-001	20180719 PR	CHRONICTOX	50 PERPASS
EFF-001	20180731 PR	CHRONICTOX	1.176 TUC
EFF-001	20180731 PR	CHRONICTOX	85 PERPASS
RSW-001	20180924 PR	FLOW	0 MGD
RSW-001	20180924 PR	PH	0 PH UNITS
RSW-001	20180924 PR	TEMP	0 DEG C
RSW-001	20180924 PR	TURB	0 NTU
RSW-001	20180924 PR	COLOR	0 COLOR UNIT
RSW-001	20180924 PR	DO	0 MG/L
RSW-001	20180924 PR	TDS	0 MG/L
RSW-001	20180924 PR	CL	0 MG/L
RSW-001	20180924 PR	SO4S	0 MG/L
RSW-001	20180924 PR	NA	0 MG/L
RSW-001	20180924 PR	FCOLIFORM	0 MPN/100ML
RSW-001	20180924 PR	FCOLIFORM	0 MPN/100ML
RSW-001	20180924 PR	FCOLIFORM	0 MPN/100ML
RSW-001	20180924 PR	FCOLIFORM	0 MPN/100ML
RSW-001	20180924 PR	FCOLIFORM	0 MPN/100ML
RSW-001	20180924 PR	B	0 MG/L
RSW-001	20180924 PR	NO3N	0 MG/L
RSW-001	20180924 PR	NH3N	0 MG/L
RSW-001	20180924 PR	NH3	0 MG/L
RSW-001	20180924 PR	HARD	0 MG/L
RSW-001	20180924 PR	ACUTETOX	0 TUA
RSW-001	20180924 PR	ACUTETOX	0 PERPASS
RSW-002	20180718 PR	FLOW	3 MGD
RSW-002	20180718 PR	PH	7.3 PH UNITS
RSW-002	20180718 PR	TEMP	24.7 DEG C

RSW-002	20180718 PR	TURB	0.9 NTU
RSW-002	20180718 PR	COLOR	40 COLOR UNIT
RSW-002	20180718 PR	DO	7.51 MG/L
RSW-002	20180718 PR	TDS	1126 MG/L
RSW-002	20180718 PR	CL	200 MG/L
RSW-002	20180718 PR	SO4S	248 MG/L
RSW-002	20180718 PR	NA	228 MG/L
RSW-002	20180709 PR	FCOLIFORM	130 MPN/100ML
RSW-002	20180716 PR	FCOLIFORM	20 MPN/100ML
RSW-002	20180723 PR	FCOLIFORM	110 MPN/100ML
RSW-002	20180730 PR	FCOLIFORM	130 MPN/100ML
RSW-002	20180806 PR	FCOLIFORM	80 MPN/100ML
RSW-002	20180814 PR	B	0.55 MG/L
RSW-002	20180821 PR	NO3N	4.59 MG/L
RSW-002	20180814 PR	NH3N	0.41 MG/L
RSW-002	20180814 PR	NH3	0.004 MG/L
RSW-002	20180814 PR	HARD	306 MG/L
RSW-002	20180814 PR	ACUTETOX	0 TUA
RSW-002	20180814 PR	ACUTETOX	97.5 PERPASS



LOMPOC REGIONAL WASTEWATER TREATMENT PLANT

2017 Effluent Analyses Data

NPDES NO. CA0048127

Date	PLT FLOW MGD	MAX EFF MGD	MAXEFF pH	MINEFF pH	EFF pH GRAB	AVGINBOD	AVGEFFBOD	EFFBOD LBS	%BOD REM	AVGINSS	AVGEFSS	EFFSS LBS
Jan-17	3.29	4.09	7.24	6.61	7.05	422	3.3	79.3	99.2	333	2.2	62
Feb-17	3.54	4.56	7.31	6.64	7.01	330	4.3	121.1	98.7	267	4.6	132
Mar-17	3.16	3.93	7.30	6.83	7.08	338	3.0	80.6	99.4	334	1.9	50
Apr-17	3.02	3.80	7.44	6.86	7.10	662	3.1	75.5	99.4	1,897	1.7	43
May-17	2.98	3.93	7.38	6.85	7.14	355	2.5	63.6	99.3	276	1.3	33
Jun-17	2.96	3.80	7.22	6.69	7.10	360	2.4	55.5	99.4	329	1.3	31
Jul-17	2.96	3.63	7.17	6.70	7.08	312	2.7	68.6	99.3	320	1.9	48
Aug-17	3.01	3.57	7.42	6.89	7.11	335	2.8	68.0	98.8	327	1.3	32
Sep-17	3.00	3.61	7.34	6.79	7.14	358	2.3	62.1	99.4	353	1.3	32
Oct-17	3.00	3.67	7.17	6.77	7.10	334	2.2	51.8	100.0	251	1.4	24
Nov-17	2.99	3.92	7.39	6.74	7.00	359	5.1	125.4	99.4	320	5.1	126
Dec-17	2.92	3.81	7.23	6.74	6.96	414	3.2	73.5	99.4	316	2.8	69
Average	3.07	3.86	7.30	6.76	7.07	382	3.1	77.1	99.3	444	2.2	57
Date	%SS REM	EFF SETTLE	EFF DO	EFF TEMP	FEC COLIF	EFF TDS	EFFSODIUM	EFF CHLIDE	EFF SULFATE	EFF BORON	EFFNITRAI	EFFNITRITE
Jan-17	99.5	<0.1	8.04	20.8	<2	1004	198	183	220	0.57	6.18	0.22
Feb-17	99.0	<0.1	7.98	21.1	<2	1004	198	183	220	0.57	10.61	0.63
Mar-17	99.5	<0.1	7.96	21.5	<2	1004	202	190	259	0.63	8.24	0.26
Apr-17	99.9	<0.1	7.66	22.4	<2	1004	202	190	259	0.63	3.82	0.11
May-17	99.6	<0.1	7.49	23.5	<2	976	207	183	314	0.51	4.35	0.05
Jun-17	99.3	<0.1	7.65	24.9	<2	976	207	183	314	0.51	3.61	0.09
Jul-17	99.4	<0.1	7.25	25.7	<2	976	207	183	314	0.51	4.56	0.07
Aug-17	99.7	<0.1	7.18	26.3	<2	976	207	183	314	0.51	3.31	0.21
Sep-17	99.8	<0.1	7.18	27.9	<2	1004	215	195	268	0.68	4.79	0.11
Oct-17	99.6	<0.1	7.05	25.0	<2	1004	215	195	268	0.68	4.36	0.08
Nov-17	98.7	<0.1	6.67	25.2	<2	1004	215	195	268	0.68	9.82	0.61
Dec-17	99.4	<0.1	8.22	22.6	<2	997	206	188	177	0.40	8.20	0.10
Average	99.4	<0.1	7.53	23.9	<2	997	206	188	177	0.40	5.99	0.21
Date	EFF ORG-N	T AMMONIA	UNAMMONIA	EFF TURB	HARDNESS	EFF G&O	EFF COLOR	EFF TTL P	CHROMELEN	FATMINSUR	AVE INF FLOW	BIS-2(EHP)
Jan-17	1.28	0.26	<0.001	1.0	320	8	37	3.35	2.00 100%	0	2.94	
Feb-17		0.29	0.001	3.0	309	3	40	4.35	2.00 100%	0	3.68	
Mar-17		0.14	0.001	1.0	309	3	40	4.35	2.00 100%	0	2.64	
Apr-17	0.34	0.18	0.001	1.0	309	3	40	4.35	2.00 100%	0	2.84	
May-17		0.08	0.001	1.0	315	0	35	4.62	2.00 100%	0	2.89	>1.9
Jun-17		0.08	0.001	1.0	315	0	35	4.62	2.00 100%	0	2.67	
Jul-17		0.09	0.001	1.0	315	0	35	4.62	2.00 100%	0	2.64	
Aug-17		0.12	0.001	1.0	303	3	32	5.42	2.00 100%	0	2.88	
Sep-17		0.14	0.001	1.0	303	3	32	5.42	2.00 100%	0	2.88	
Oct-17	2.32	0.31	0.002	1.0	303	3	32	5.42	2.00 100%	0	2.93	
Nov-17		5.41	0.032	1.0	311.8	3.5	24	4.44	2.00 100%	0	2.83	
Dec-17		0.15	0.001	2.0	311.8	3.5	24	4.44	2.00 100%	0	2.73	
Average	0.79	0.60	0.004	1.250	311.8	3.5	24	4.44	3.13	0.0	2.88	<1.9

## 2017 ANNUAL REPORT - RECEIVING WATER

	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM	UP STREAM
	RW FLOW	pH	TDS	D OXYGEN	TURBIDITY	TEMPERATURE	TOTAL AMMO	UNAMMONIA	FATHREAD				
	MG	PH UNITS	MG/L	MG/L	NTU	DEG C	MG/L	MG/L	PASS/FAIL				
	ESTIMATED	GRAB	GRAB	GRB	GRAB	INSTANT	GRAB	GRAB	GRAB				GRAB
	1601 QTRLY	1604 QTRLY	1607 QTRLY	1610 QTRLY	1613 QTRLY	1616 QTRLY	1706 QTRLY	1619 QTRLY	1658 QTRLY				
JANUARY	0.00022	8.04	544	9.63	180.0	12.2	0.05	0	Pass				
FEBRUARY													
MARCH													
APRIL	0		No Measurable Flow										
MAY													
JUNE													
JULY	0		No Measurable Flow										
AUGUST													
SEPTEMBER													
OCTOBER	0		No Measurable Flow										
NOVEMBER													
DECEMBER													
<b>AVERAGE</b>	<b>0.00</b>	<b>8.04</b>	<b>544</b>	<b>9.63</b>	<b>180.0</b>	<b>12.2</b>	<b>0.1</b>	<b>0.16</b>	<b>Pass</b>				
	DN STREAM	DN STREAM	DN STREAM	DN STREAM	DN STREAM	DN STREAM	DNSTREAM	DN STREAM	DNSTREAM				
	RW FLOW	pH	TDS	D OXYGEN	TURBIDITY	TEMPERATURE	TOTAL AMMO	UNAMMONIA	FATHREAD				
	MG	PH UNITS	MG/L	MG/L	NTU	DEG C	MG/L	MG/L	PASS/FAIL				
	ESTIMATED	GRAB	GRAB	GRB	GRAB	INSTANT	GRAB	GRAB	GRAB				GRAB
	1628 QTRLY	1631 QTRLY	1634 QTRLY	1637 QTRLY	1640 QTRLY	1643 QTRLY	1709 QTRLY	1646 QTRLY	1652 QTRLY				
JANUARY	3.23	7.43	892	8.65	2.89	19.3	0.18	0.001	Pass				
FEBRUARY													
MARCH													
APRIL	3.14	7.42	960	8.52	1.34	21.7	0.30	0.003	Pass				
MAY													
JUNE													
JULY	2.93	7.45	1,012	7.97	0.98	25.2	0.08	0.001	Pass				
AUGUST													
SEPTEMBER													
OCTOBER	2.92	7.43	974	8.09	0.87	24.2	0.14	0.002	Pass				
NOVEMBER													
DECEMBER													
<b>AVERAGE</b>	<b>3.06</b>	<b>7.43</b>	<b>960</b>	<b>8.31</b>	<b>1.52</b>	<b>22.6</b>	<b>0.18</b>	<b>&lt;0.01</b>	<b>Pass</b>				