

MONTECITO SANITARY DISTRICT



2016 ANNUAL SUMMARY REPORT

NPDES No. CA0047899

Order No. R3-2012-0016



Montecito Sanitary District

1042 Monte Cristo Lane
Santa Barbara, CA 93108

General Manager: Diane M. Gabriel, P.E.

A Public Service Agency

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January 26, 2016

California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

SUBJECT: NPDES Permit No. CA 0047899
Order No. R3-2012-0016
Annual Summary Report 2016

Staff of the Regional Board:

In accordance with the requirements of the general provisions of the District's NPDES Permit No. CA0047899, we are transmitting the District's Annual Report for 2016. The monitoring data compiled throughout the year is presented in both tabular and graphic form.

The report includes the names and job titles of District personnel, the Governing Board of Directors and an organizational chart.

Throughout the 2016 calendar year the following certified operators were employed by the District:

- Daniel Jacquez, Chief Plant Operator, III-28608, exp. date 06/30/18
- Chad Steinlicht, Operator, III-10297, exp. date 12/31/17
- Marco Felix, Operator, IV-41171, exp. 8/24/18 (*Passed Grade V on 10/10/15, requires more qualifying experience prior to grade V certification*).
- Marc Ciarlo, Operator, IV-41067, exp. date 12/10/17 (*Passed Grade V on 4/10/15, requires more qualifying experience prior to grade V certification*).

District staff continues to perform the majority of required analytical tests on-site in the District Laboratory. The laboratory manager maintains a Grade 4 Laboratory Analyst certification through CWEA and all treatment plant operators have Grade 1 certifications.

Required plant annual samples were collected on June 6 – 10, 2016. Analyses were performed by Fruit Growers Laboratory, Inc. and their subcontractors. All results were within acceptable limits.

On December 7, 2016 Harbor Offshore, Inc. completed the inspection of the District's ocean outfall pipeline. The exterior of the outfall pipeline was inspected and videotaped. The full inspection report is being submitted to the Water Board via CIWQS with the Annual Summary Report. The outfall pipeline was found to be in good condition.

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The District has completed updates to the Wastewater Treatment Plant Operations and Maintenance Manual and is submitted with this report.

Comments regarding the District's Collection System Maintenance and Renovation Program, as required by the NPDES permit, are included in this report on pages 23 through 25. Also included on pages 26 through 28 is a brief summary of the history of the District, our accomplishments in recent years and goals for the future. Please feel free to contact me if you have any questions or desire additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Diane Gabriel". The signature is fluid and cursive, with a large loop at the end.

Diane Gabriel, P.E.
General Manager/District Engineer

**Montecito Sanitary District
2016 Annual Report**

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MONTECITO SANITARY DISTRICT

January 2016 – December 2016

GOVERNING BOARD

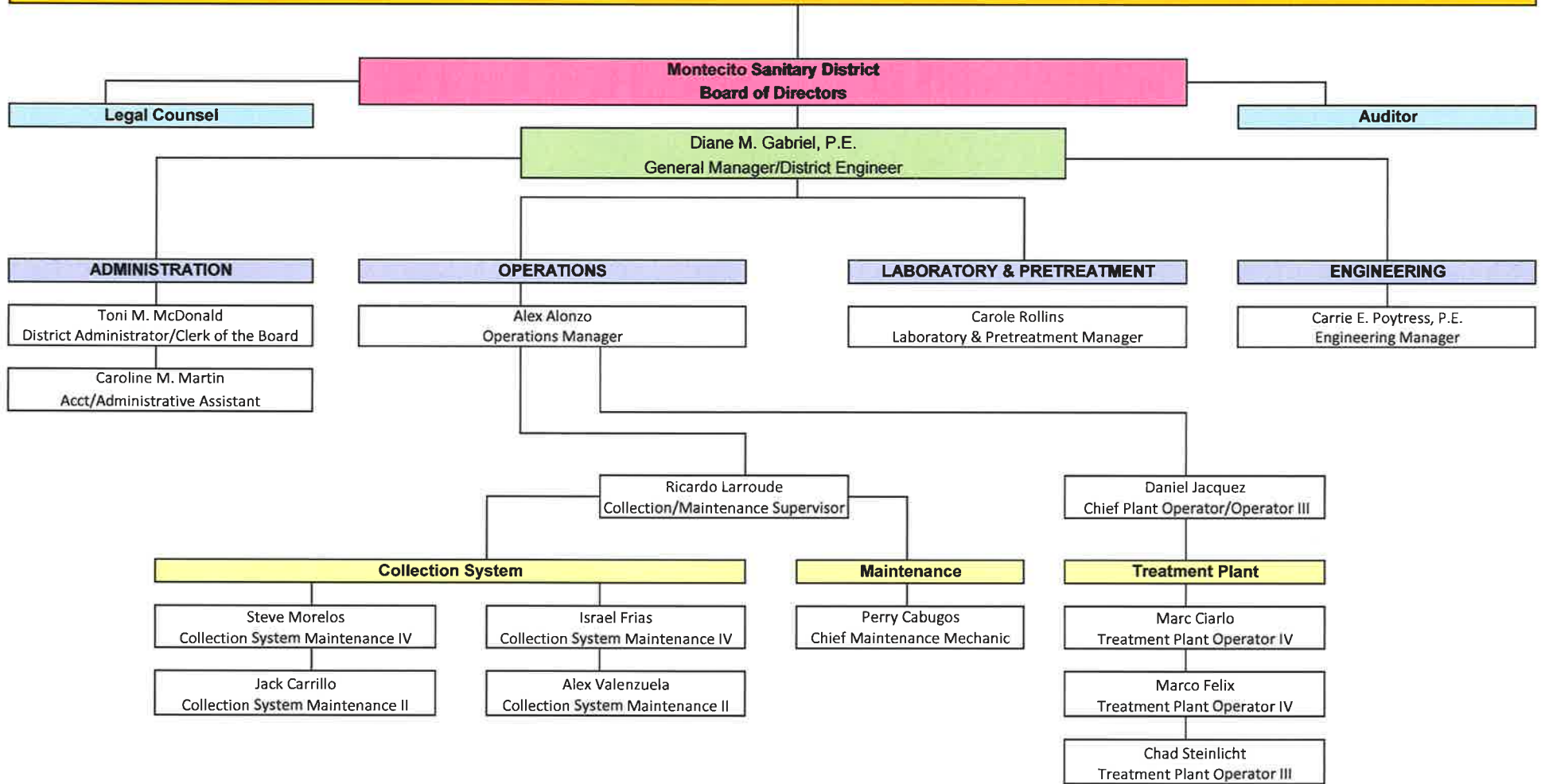
Warner Owens	President
Judith M. Ishkanian	Vice President
Tom Kern	Treasurer
Jeff Kerns	Secretary
Bob Williams	Director

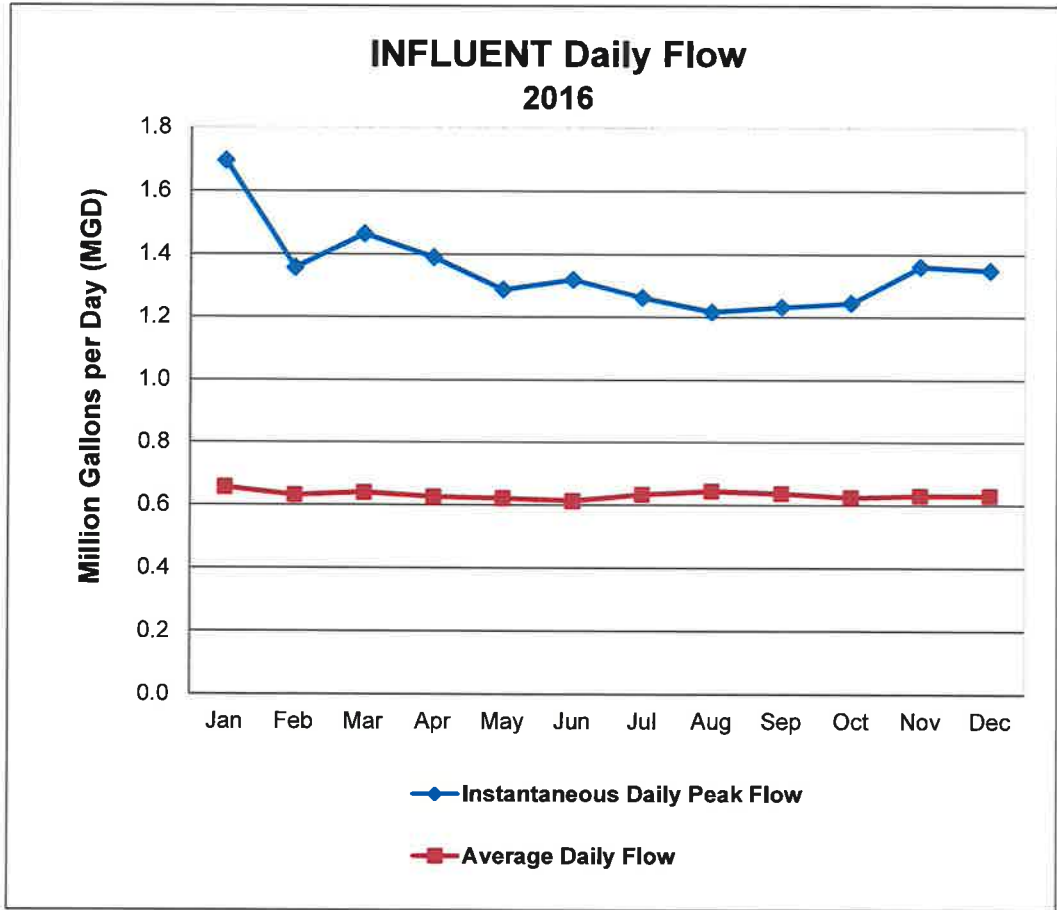
January 2016 – December 2016

STAFF

Diane M. Gabriel, P.E.	General Manager/District Engineer
Carrie Poytress	Engineering Manager
Toni McDonald	District Administrator
Caroline M. Martin	Accounting/Administrative Assistant
Alex Alonzo	Operations Manager
Daniel Jacquez	Chief Plant Operator - III
Chad Steinlicht	Treatment Plant Operator III
Marco Felix	Treatment Plant Operator IV
Marc Ciarlo	Treatment Plant Operator IV
Carole Rollins	Pretreatment & Laboratory Manager
Ricardo Larroude	Collection/Maintenance Supervisor
Perry Cabugos	Chief Maintenance Mechanic
Steve Morelos	Collection System Maintenance IV
Israel Frias	Collection System Maintenance IV
Jack Carrillo	Collections System Maintenance II
Alex Valenzuela	Collection System Maintenance II

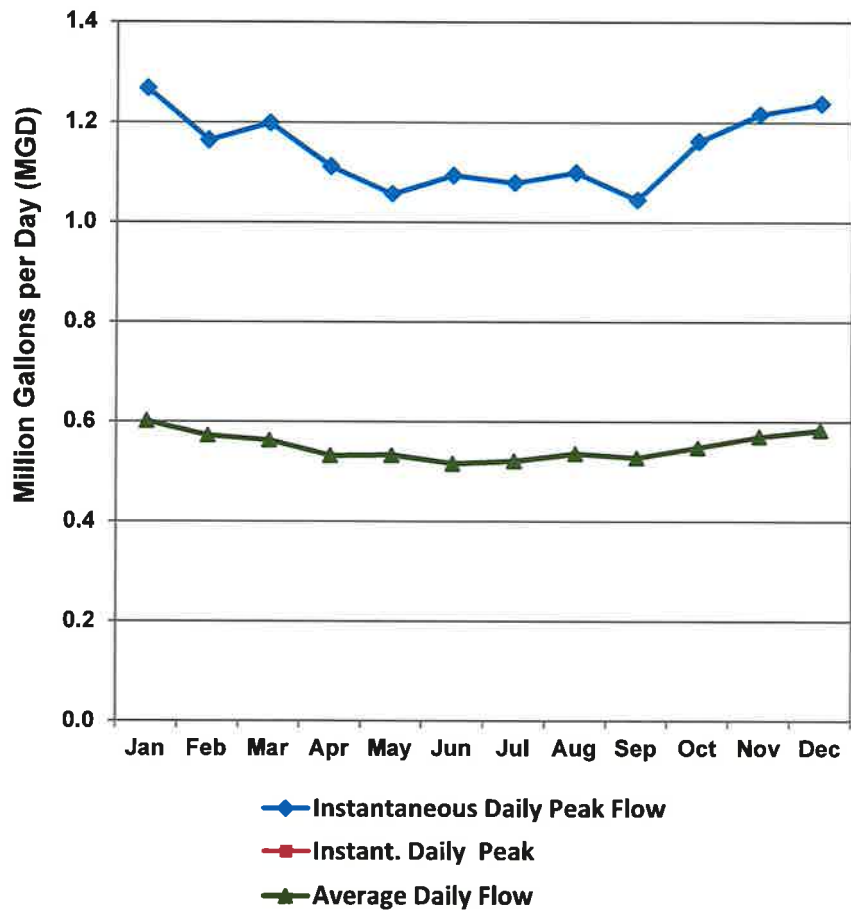
Property Owners Within the Montecito Sanitary District





MILLION GALLONS PER DAY (MGD)		
Month	Instant. Daily Peak	Average Daily Flow
Jan	1.70	0.655
Feb	1.36	0.631
Mar	1.46	0.639
Apr	1.39	0.626
May	1.29	0.621
Jun	1.32	0.612
Jul	1.26	0.632
Aug	1.22	0.643
Sep	1.23	0.636
Oct	1.25	0.624
Nov	1.36	0.629
Dec	1.35	0.629
Avg	1.35	0.631

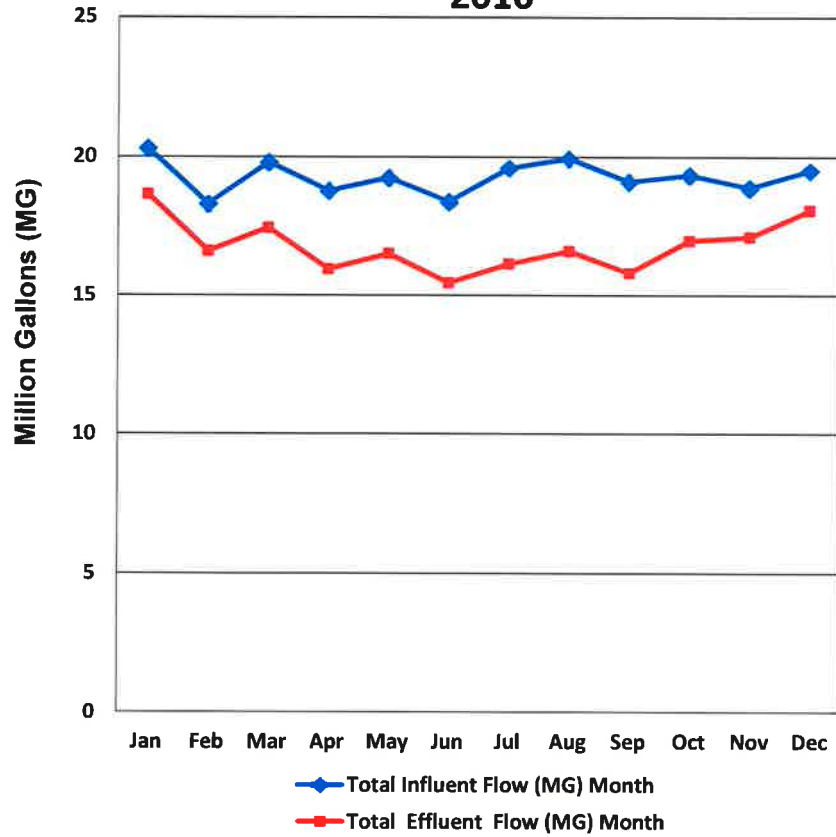
EFFLUENT Daily Flow 2016



MONTH	Instant. Daily Peak	Average Daily Flow
Jan	1.27	0.601
Feb	1.16	0.572
Mar	1.20	0.562
Apr	1.11	0.532
May	1.06	0.532
Jun	1.10	0.515
Jul	1.08	0.521
Aug	1.10	0.535
Sep	1.05	0.527
Oct	1.16	0.547
Nov	1.22	0.570
Dec	1.24	0.582

AVG	1.14	0.550
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INFLUENT & EFFLUENT Monthly Flows 2016

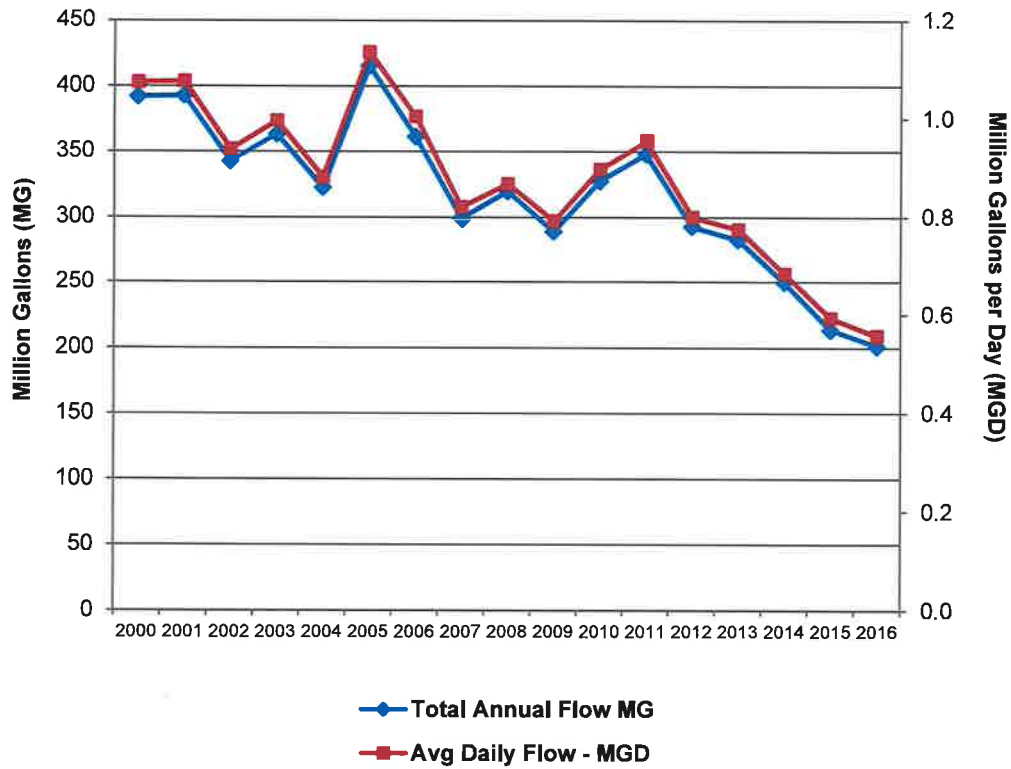


Month	Total Influent Flow (MG)	Total Effluent Flow (MG)
Jan	20.31	18.63
Feb	18.29	16.59
Mar	19.80	17.42
Apr	18.77	15.95
May	19.24	16.50
Jun	18.37	15.45
Jul	19.59	16.14
Aug	19.95	16.59
Sep	19.09	15.80
Oct	19.34	16.97
Nov	18.87	17.09
Dec	19.50	18.05

Total Annual Flows	231.1	201.2
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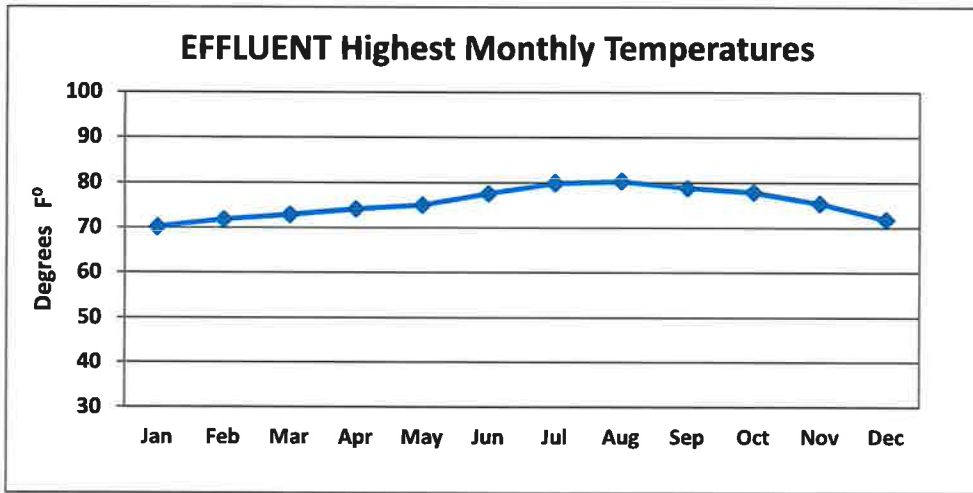
Note: Influent and Effluent flow differences are due to process recycled flows and process cleaning or maintenance which drains water back to the influent flow.

**Historical Total and Average Daily Effluent Flows
2000 to 2016**

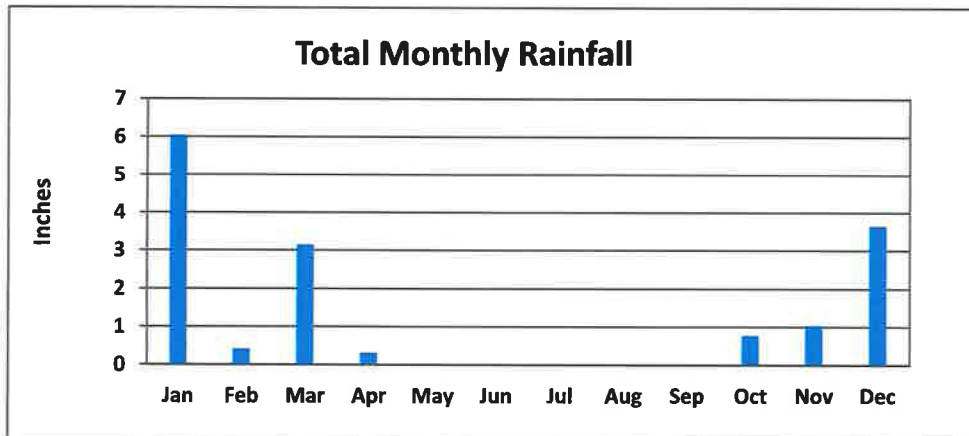


YEAR	Total Annual Flow MG	Avg Daily Flow MGD
2000	392.0	1.074
2001	392.6	1.076
2002	342.2	0.938
2003	363.4	0.996
2004	322.4	0.881
2005	415.3	1.135
2006	361.2	1.005
2007	299.2	0.820
2008	319.5	0.867
2009	289.0	0.792
2010	327.4	0.897
2011	348.0	0.954
2012	292.9	0.800
2013	282.7	0.775
2014	249.6	0.684
2015	213.4	0.593
2016	201.2	0.557

2016



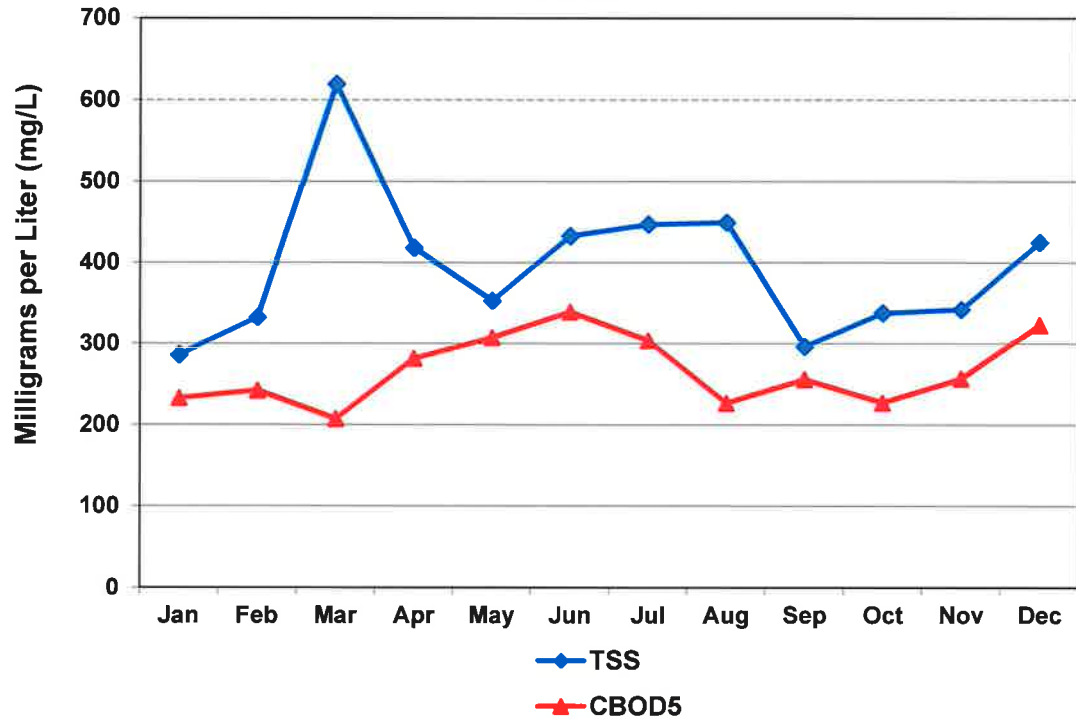
Month	High Temp. °F
Jan	70.2
Feb	71.8
Mar	72.9
Apr	74.1
May	75.0
Jun	77.5
Jul	79.9
Aug	80.2
Sep	78.8
Oct	77.9
Nov	75.4
Dec	71.8



Month	Rainfall Inches
Jan	6.04
Feb	0.40
Mar	3.14
Apr	0.30
May	0.01
Jun	0.01
Jul	0.00
Aug	0.00
Sep	0.00
Oct	0.77
Nov	1.03
Dec	3.65

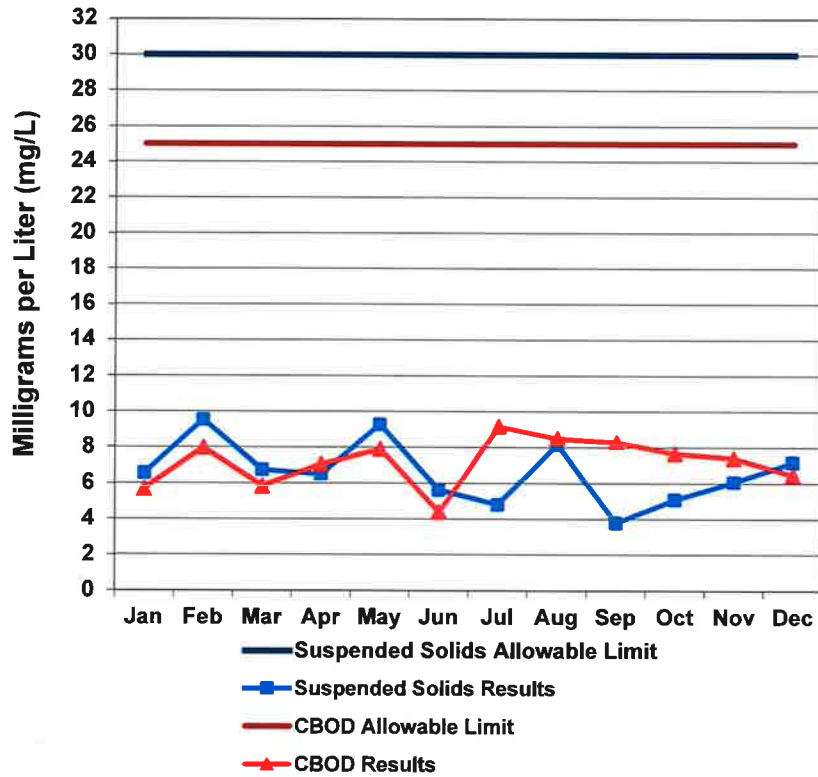
TOTAL	15.35
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INFLUENT Suspended Solids & Carbonaceous Biochemical Oxygen Demand 2016



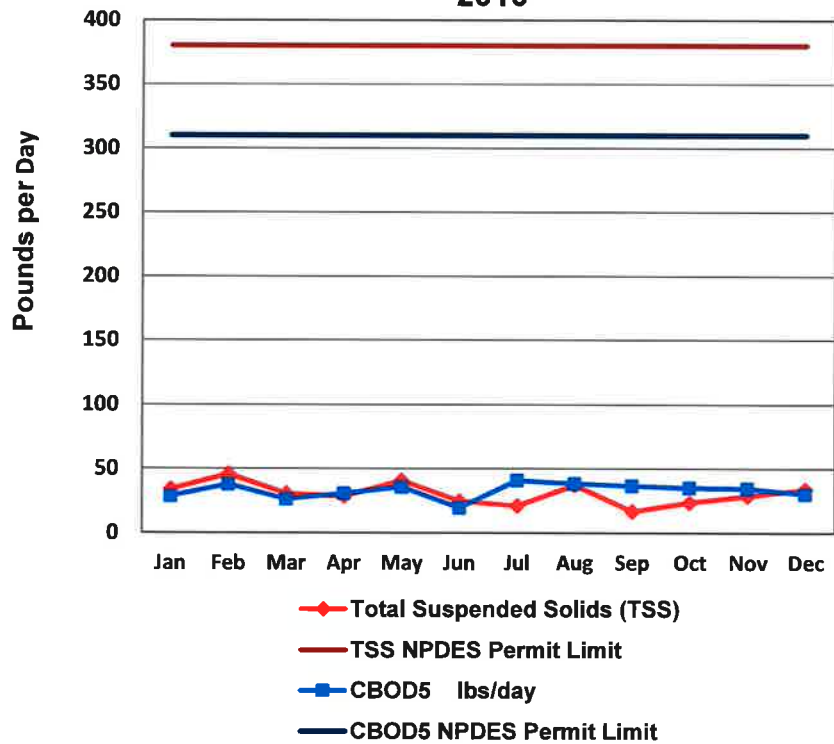
Month	TSS	CBOD ₅
	mg/L	mg/L
Jan	287	233
Feb	333	242
Mar	620	208
Apr	418	282
May	354	308
Jun	433	339
Jul	447	304
Aug	450	227
Sep	297	256
Oct	338	227
Nov	343	257
Dec	425	323
AVG	395	267

EFFLUENT Total Suspended Solids & Carbonaceous Biochemical Oxygen Demand 2016



	TSS		CBOD ₅	
	Permit Limit	Results	Permit Limit	Results
	mg/L	mg/L	mg/L	mg/L
Jan	30	6.6	25	5.7
Feb		9.5		8.0
Mar		6.7		5.8
Apr		6.5		7.1
May		9.3		7.9
Jun		5.6		4.4
Jul		4.8		9.2
Aug		8.1		8.5
Sep		3.8		8.3
Oct		5.1		7.7
Nov		6.1		7.4
Dec		7.2		6.5
AVG		6.6		7.2

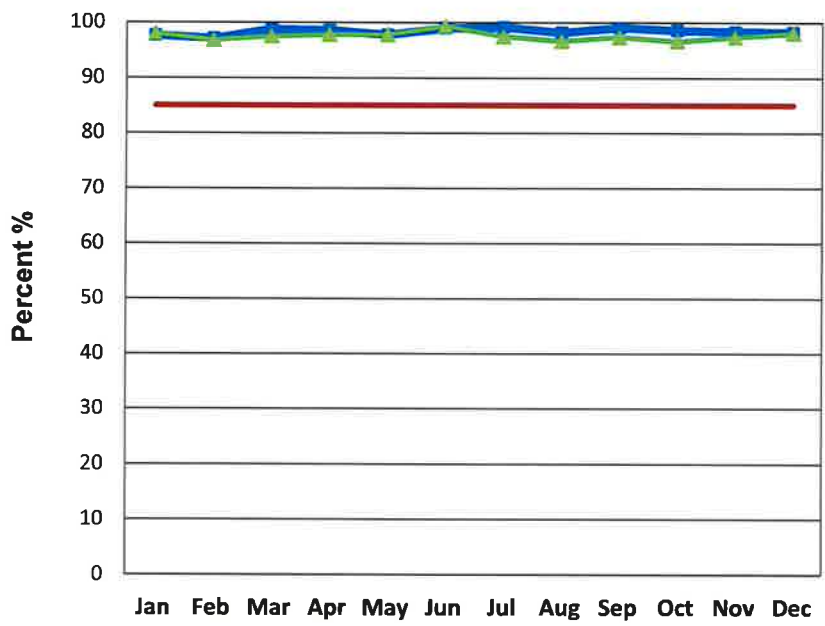
**EFFLUENT
Total Suspended Solids &
Carbonaceous Biochemical Oxygen Demand
(CBOD₅)
2016**



Month	TSS lbs/day	TSS NPDES Permit Upper Limit	CBOD ₅ lbs/day	CBOD ₅ NPDES Permit Upper Limit
Jan	34	380	29	310
Feb	46		38	
Mar	30		26	
Apr	28		31	
May	41		36	
Jun	25		19	
Jul	21		41	
Aug	37		38	
Sep	17		37	
Oct	23		35	
Nov	29		35	
Dec	34		30	

AVG	30		33	
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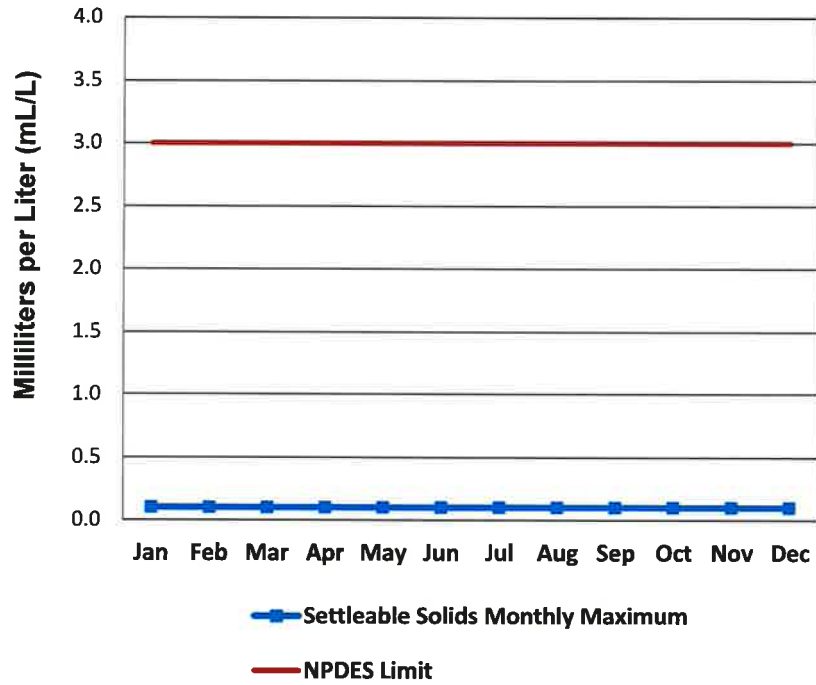
**EFFLUENT
Total Suspended Solids & CBOD₅
Percent Removal
2016**



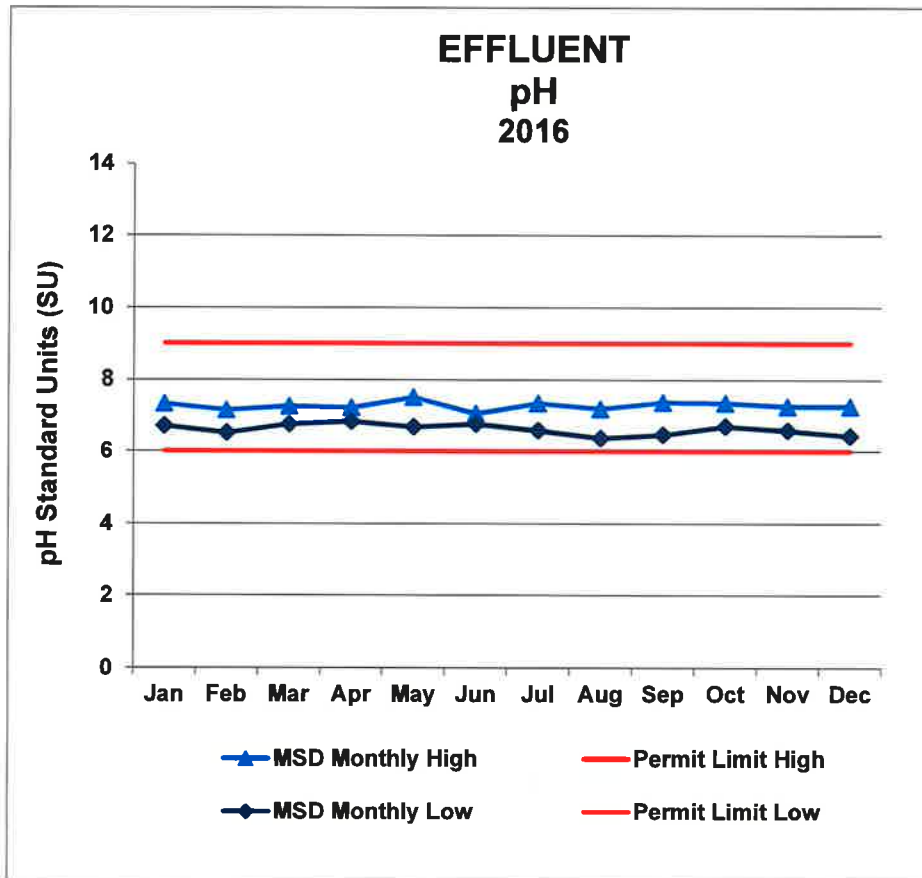
- Total Suspended Solids (TSS) Percent Removal
- ▲— CBOD Percent Removal
- TSS Percent Removal Lower Limit
- CBOD Percent Removal Lower Limit

Month	NPDES PERMIT LOWER LIMIT %	TSS Average Percent Removal %	NPDES PERMIT LOWER LIMIT %	CBOD ₅ Average Percent Removal %
Jan	85	98	85	98
Feb		97		97
Mar		99		98
Apr		99		98
May		98		98
Jun		99		99
Jul		99		98
Aug		98		97
Sep		99		97
Oct		99		97
Nov		98		97
Dec		98		98
AVG		98		98

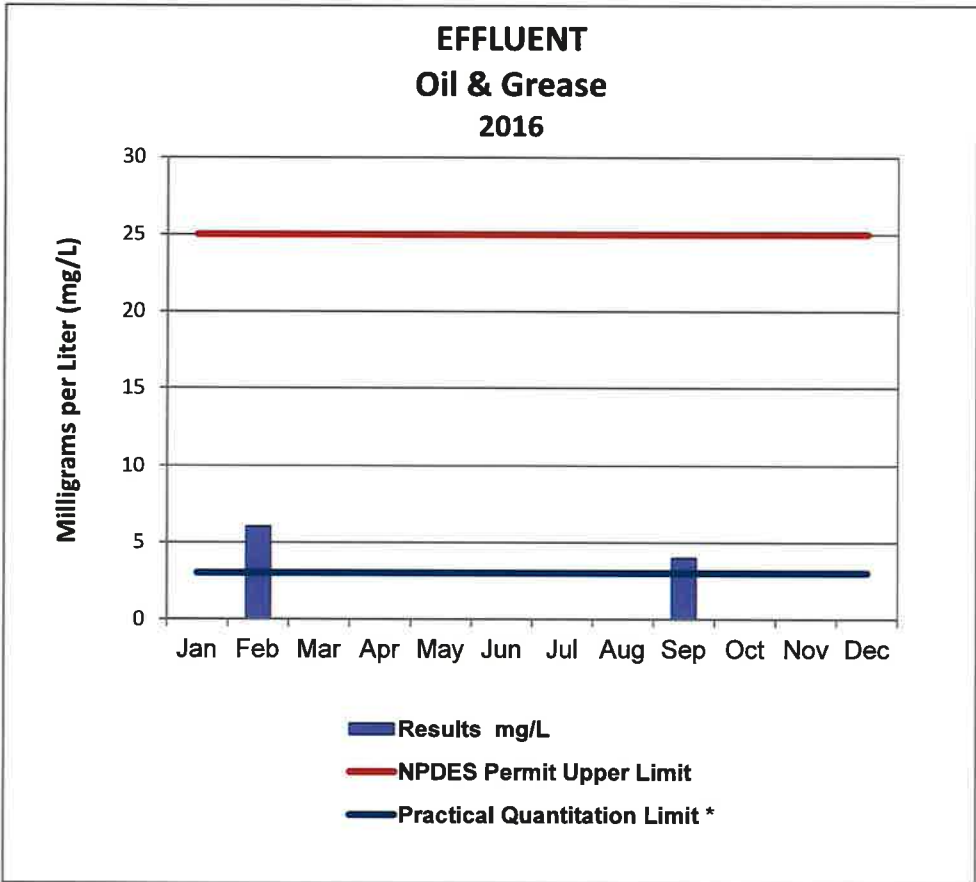
**EFFLUENT
Settleable Solids
Monthly Maximum
2016**



Month	NPDES Permit Limit mL/L	Monthly Maximum mL/L
Settleable Solids		
Jan	3.0	0.1
Feb		<0.1
Mar		<0.1
Apr		<0.1
May		<0.1
Jun		<0.1
Jul		<0.1
Aug		0.1
Sep		<0.1
Oct		0.1
Nov		<0.1
Dec		<0.1



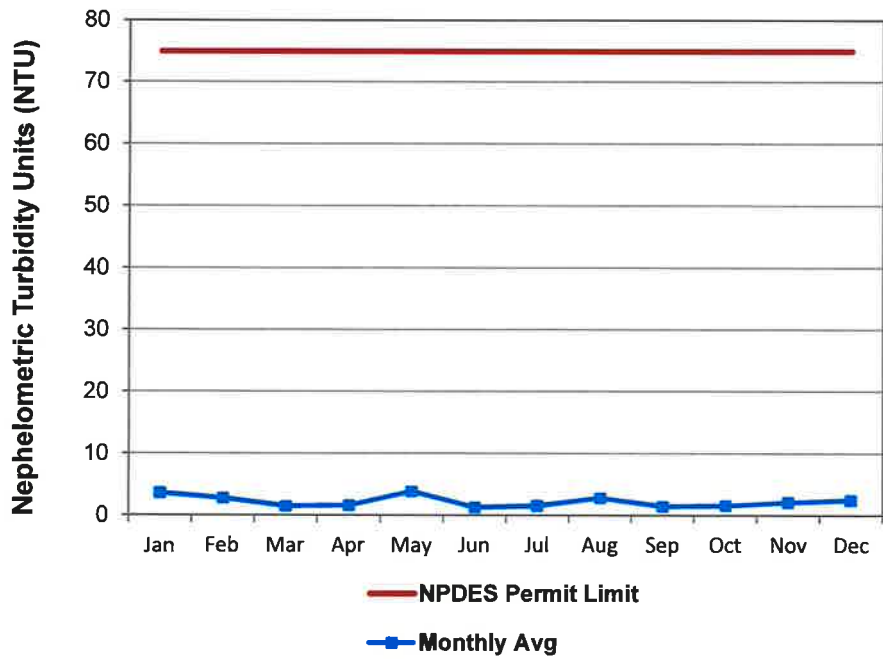
Month	MSD Monthly Low	NPDES Low Limit	MSD Monthly High	NPDES High Limit
Jan	6.71	6.0	7.33	9.0
Feb	6.51		7.15	
Mar	6.76		7.26	
Apr	6.84		7.22	
May	6.68		7.52	
Jun	6.77		7.06	
Jul	6.58		7.35	
Aug	6.37		7.19	
Sep	6.46		7.37	
Oct	6.70		7.36	
Nov	6.58		7.26	
Dec	6.43		7.26	
Avg	6.62		7.28	



Oil & Grease		
Month	NPDES Limit	Results mg/L
Jan	25	ND
Feb		6
Mar		ND
Apr		ND
May		ND
Jun		ND
Jul		ND
Aug		ND
Sep		4
Oct		ND
Nov		ND
Dec		ND

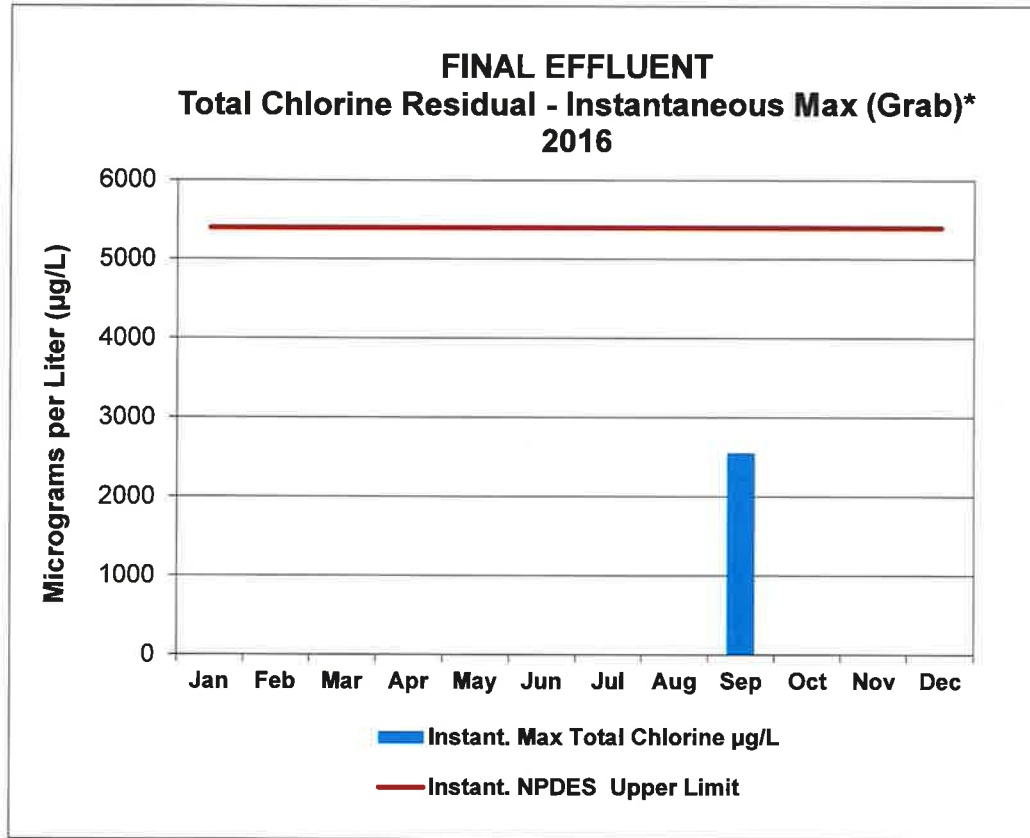
*Note: PQL is the concentration below which data cannot be reported with accuracy.

EFFLUENT Turbidity 2016



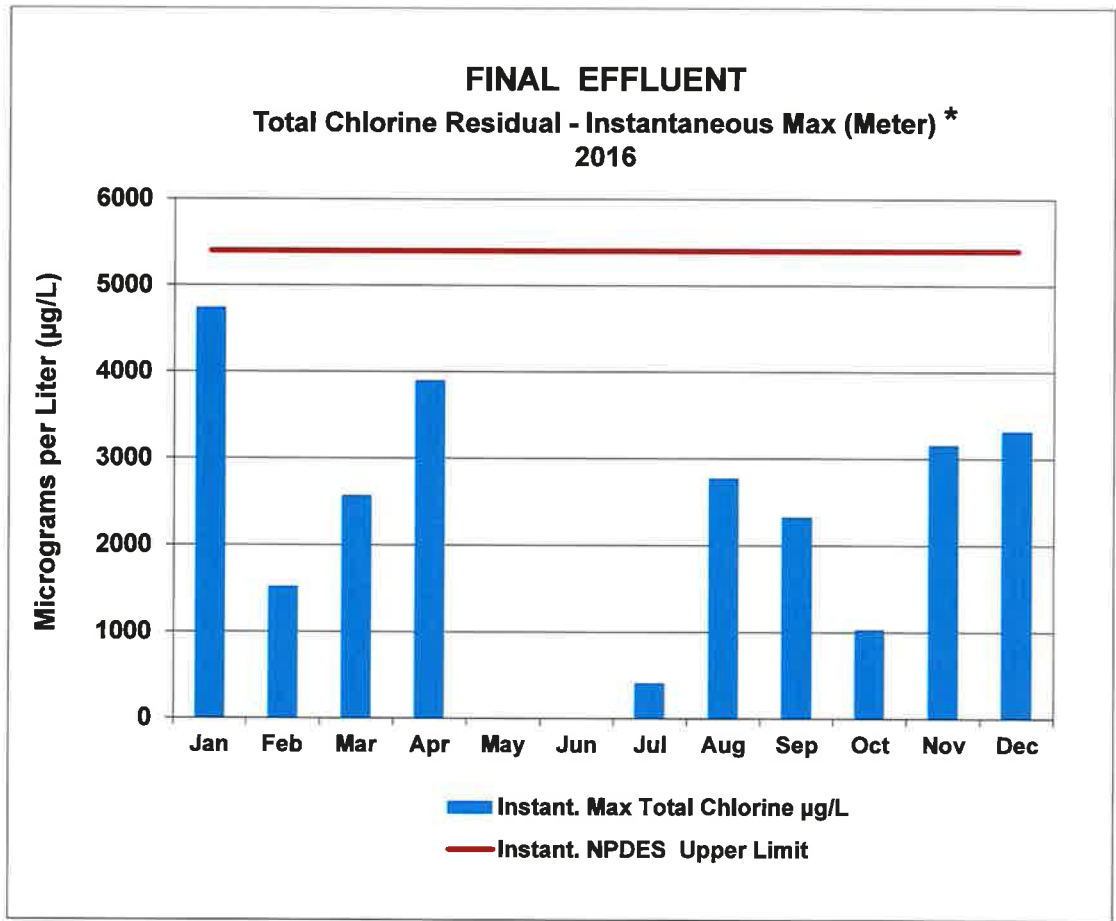
Turbidity - NTU		
Month	NPDES Limit	Monthly Avg
Jan	75	3.6
Feb		2.8
Mar		1.5
Apr		1.6
May		3.8
Jun		1.2
Jul		1.5
Aug		2.8
Sep		1.5
Oct		1.6
Nov		2.1
Dec		2.4

AVG		2.2
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Month	Instant. NPDES Upper Limit	Instant. Max Total Chlorine µg/L
Jan	5400	ND
Feb		ND
Mar		ND
Apr		ND
May		ND
Jun		ND
Jul		ND
Aug		ND
Sep		2550
Oct		ND
Nov		ND
Dec		ND

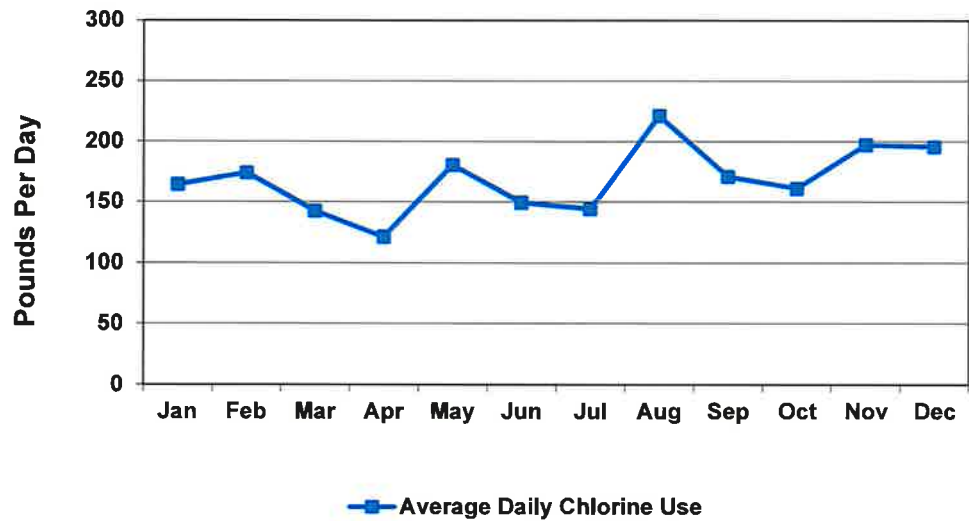
* Note: "Grab" is a sample taken manually from the effluent channel.



Month	NPDES Instant. Upper Limit µg/L	Instant. Max Total Chlorine µg/L
Jan	5400	4740
Feb		1520
Mar		2570
Apr		3900
May		ND
Jun		ND
Jul		400
Aug		2770
Sep		2325
Oct		1030
Nov		3150
Dec		3311

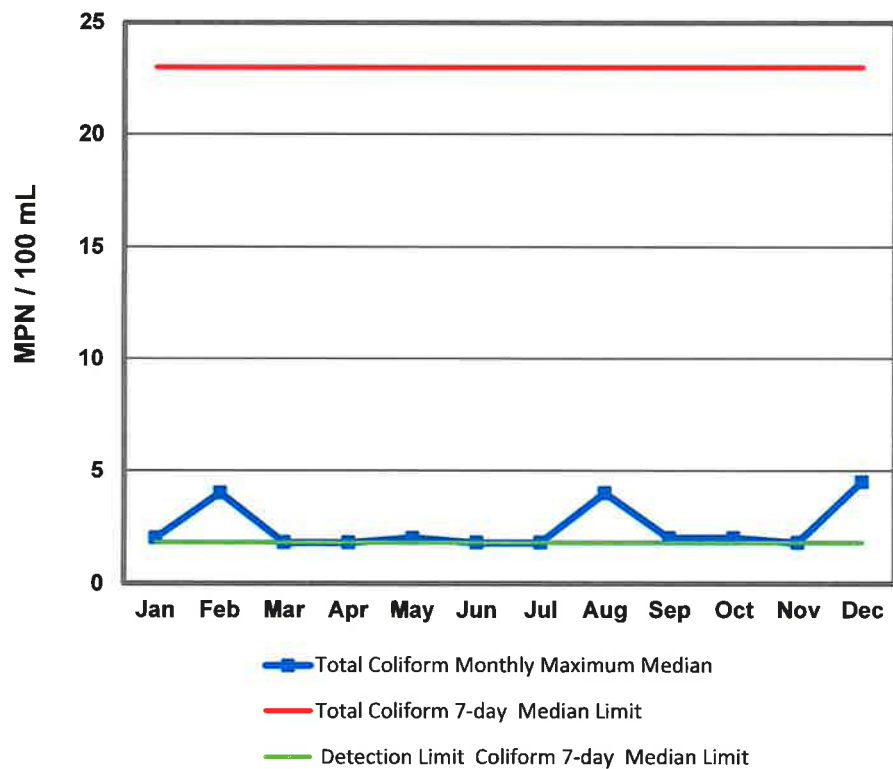
*Note: "Meter" refers to analysis on a continuously monitored flow.

**EFFLUENT
Sodium Hypochlorite (NaClO) Used
2016**



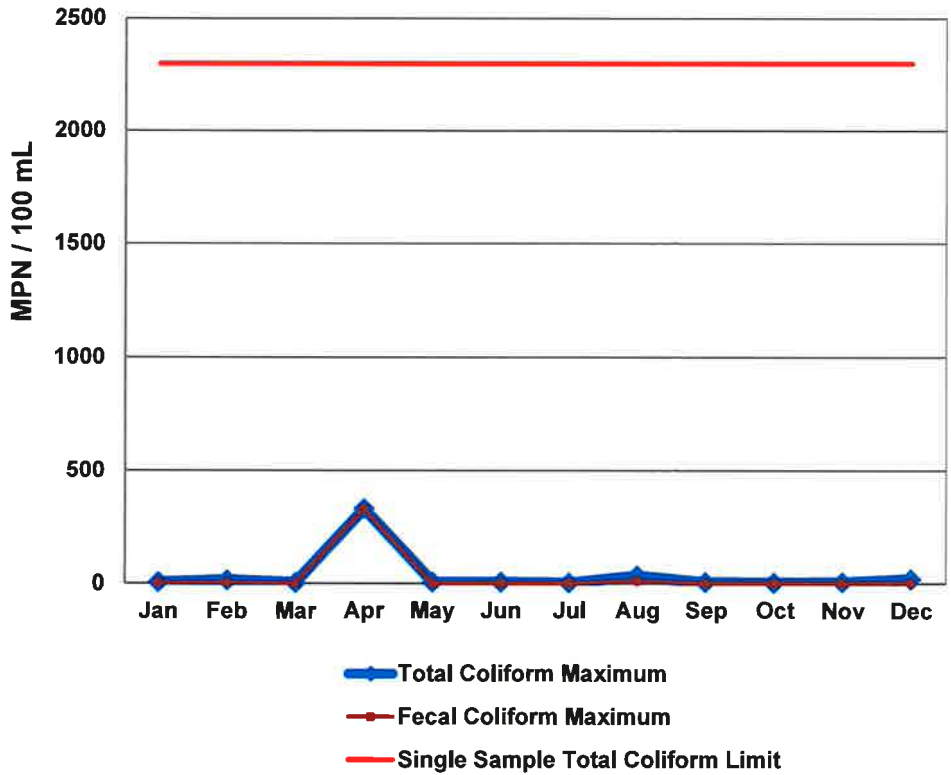
Month	NaClO Used lbs/day
Jan	164
Feb	174
Mar	142
Apr	121
May	180
Jun	149
Jul	144
Aug	221
Sep	171
Oct	161
Nov	197
Dec	196
AVG	168

EFFLUENT Total Coliform Maximum Median 2016



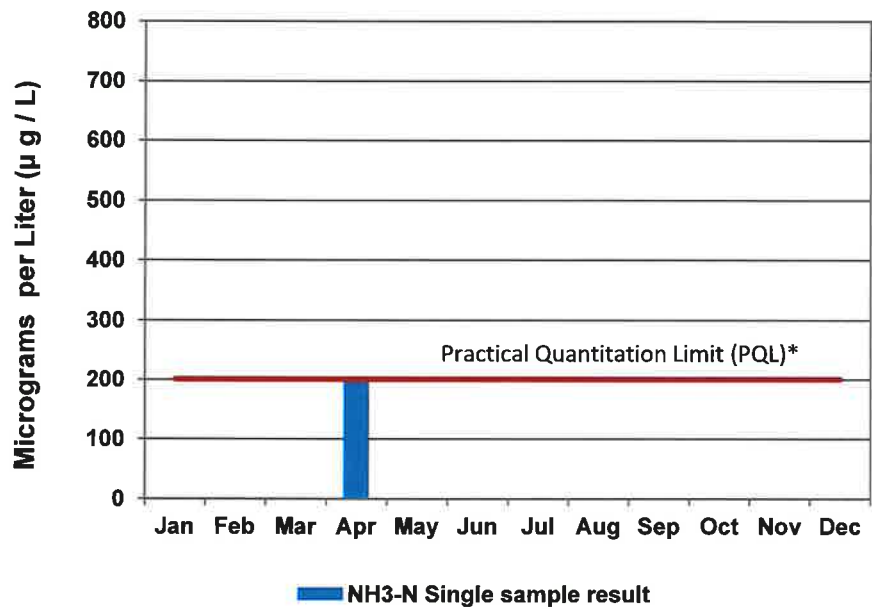
MPN/100mL			
Month	Total Coliform Monthly Maximum Median	Total Coliform 7-day Median Limit	Detection Limit
Jan	2.0	23	1.8
Feb	4.0		
Mar	1.8		
Apr	<1.8		
May	2.0		
Jun	<1.8		
Jul	<1.8		
Aug	4.0		
Sep	2.0		
Oct	2.0		
Nov	<1.8		
Dec	4.5		

**EFFLUENT Total and Fecal Coliform Monthly
Single-Sample Maximums
2016**



Month	MPN/100mL		Total Coliform Single Sample Limit
	Total Coliform Monthly Maximum	Fecal Coliform Monthly Maximum	
Jan	4.5	2.0	2300
Feb	13	2.0	
Mar	2.0	<1.8	
Apr	330	330	
May	4.5	<1.8	
Jun	4.5	<1.8	
Jul	1.8	<1.8	
Aug	33	11	
Sep	4.5	<1.8	
Oct	2.0	<1.8	
Nov	4.5	<1.8	
Dec	17	2.0	

EFFLUENT Ammonia as Nitrogen (NH₃-N) 2016



Month	Ammonia / NH ₃ -N		
	Results	Practical Quantitation Limit (PQL)	NPDES Permit Limit
	µg/L	µg/L	µg/L
Jan	ND	200	NA
Feb	ND		
Mar	ND		
Apr	200		
May	ND		
Jun	ND		
Jul	ND		
Aug	ND		
Sep	ND		
Oct	ND		
Nov	ND		
Dec	ND		

*Note: PQL is the concentration below which data cannot be reported with accuracy.

Tabular Data for 2016 Summary Report

INFLUENT							
2016 Month	Monthly Total Flow MG	Avg Inst Peak MGD	Avg Flow MGD	Avg TSS mg/L	Avg TSS lbs/day	Avg CBOD ₅ mg/L	Avg CBOD ₅ lbs/day
Jan	20.31	1.70	0.655	287	1830	233	1430
Feb	18.29	1.36	0.631	333	1760	242	1280
Mar	19.80	1.46	0.639	620	3230	208	1080
Apr	18.77	1.39	0.626	418	2160	282	1470
May	19.24	1.29	0.621	354	1820	308	1590
Jun	18.37	1.32	0.612	433	2260	339	1780
Jul	19.59	1.26	0.632	447	2450	304	1700
Aug	19.95	1.22	0.643	450	2430	227	1220
Sep	19.09	1.23	0.636	297	1640	256	1420
Oct	19.34	1.25	0.624	338	1790	227	1180
Nov	18.87	1.36	0.629	343	1800	257	1350
Dec	19.50	1.35	0.629	425	2210	323	1670
AVG	19.26	1.35	0.631	395	2120	267	1430
TOTALS	231.1						

FINAL EFFLUENT							
Total Rain Inches	Total Monthly Flow MG	Avg Inst Peak Flow MGD	Max Flow MGD	Avg Flow MGD	Avg TSS mg/L	Avg TSS lbs/day	Avg Monthly TSS % Removal
6.04	18.63	1.27	0.954	0.601	6.6	34	98
0.40	16.59	1.16	0.605	0.572	9.5	46	97
3.14	17.42	1.20	0.806	0.562	6.7	30	99
0.30	15.95	1.11	0.592	0.532	6.5	28	99
0.01	16.50	1.06	0.586	0.532	9.3	41	98
0.01	15.45	1.10	0.576	0.515	5.6	25	99
0.00	16.14	1.08	0.569	0.521	4.8	21	99
0.00	16.59	1.10	0.583	0.535	8.1	37	98
0.00	15.80	1.05	0.570	0.527	3.8	17	99
0.77	16.97	1.16	0.595	0.547	5.1	23	99
1.03	17.09	1.22	0.633	0.570	6.1	29	98
3.65	18.05	1.24	0.931	0.582	7.2	34	98
15.35	201.2	1.14	0.667	0.550	6.6	30	98

Tabular Data for 2016 Summary Report

FINAL EFFLUENT																		
Avg CBOD ₅ mg/L	Avg CBOD ₅ lbs	Avg CBOD ₅ % Removal	NH3-N ug/L	NH3-N lbs	O & G mg/L	O & G lbs/day	Avg Turb NTU	pH High SU	pH Low SU	Maximum Effluent Cl2 (Grab) µg/L	Avg Cl ₂ mg/L Before Dechlor	Avg Cl ₂ Total lbs/day	Maximum Temp °F	Max Total Coliform MPN	Total Coliform Max Median MPN/100mL	Fecal Coliform Maximum MPN/100mL	Maximum Effluent Cl2 (Meter) µg/L	Maximum Settleable Solids mL/L
5.7	29	98	ND	ND	ND	ND	3.6	7.33	6.71	ND	20.5	164	70.2	4.5	2.0	2.0	4,740	0.1
8.0	38	97	ND	ND	6	30	2.8	7.15	6.51	ND	23.4	174	71.8	13	4.0	2.0	1,520	<0.1
5.8	26	98	ND	ND	ND	ND	1.5	7.26	6.76	ND	17.1	142	72.9	2.0	1.8	<1.8	2,570	<0.1
7.1	31	98	200	0.9	ND	ND	1.6	7.22	6.84	ND	13.9	121	74.1	330	<1.8	330	3,900	<0.1
7.9	36	98	ND	ND	ND	ND	3.8	7.52	6.68	ND	24.8	180	75.0	4.5	2.0	<1.8	ND	<0.1
4.4	19	99	ND	ND	ND	ND	1.2	7.06	6.77	ND	17.6	149	77.5	4.5	<1.8	<1.8	ND	<0.1
9.2	41	98	ND	ND	ND	ND	1.5	7.35	6.58	ND	15.0	144	79.9	1.8	<1.8	<1.8	400	<0.1
8.5	38	97	ND	ND	ND	ND	2.8	7.19	6.37	ND	29.8	221	80.2	33	4.0	11	2,770	0.1
8.3	37	97	ND	ND	4	17	1.5	7.37	6.46	2,550	21.7	171	78.8	4.5	2.0	<1.8	2,325	<0.1
7.7	35	97	ND	ND	ND	ND	1.6	7.36	6.70	ND	18.6	161	77.9	2.0	2.0	<1.8	1,030	0.1
7.4	35	97	ND	ND	ND	ND	2.1	7.26	6.58	ND	27.5	197	75.4	4.5	<1.8	<1.8	3,150	<0.1
6.5	30	98	ND	ND	ND	ND	2.4	7.26	6.43	ND	30.8	196	71.8	17	4.5	2.0	3,311	<0.1
7.2	33	98					2.2	7.28	6.62		21.7	168	75.5					

MONTECITO SANITARY DISTRICT

Collection System Maintenance and Renovation Program 2016

OBJECTIVE

To reduce Sanitary Sewer Overflows (SSO's), increase system reliability, optimize service life of all collection system components and plan for facility replacement.

GOALS – SHORT AND LONG TERM

Short Term:

1. Rehabilitate pipe sections that have been identified as needing repair/replacement.
2. Continue a systematic maintenance program based on past years data to identify lines that need to be cleaned and evaluated by Closed Circuit Television (CCTV) using the NASSCO pipe rating system.
3. Continue a systematic CCTV program based on the maintenance line segment ratings to identify intrusion of roots, grease and/or structural defects and also check on the effectiveness of the District's cleaning procedures and equipment.
4. Continue to enforce District Ordinance No. 13 - To Regulate and Reduce Fat, Oil, And Grease in the Sewer System and to Require Fat, Oil, and Grease Removal Devices.
5. Continue to enhance the District's Geographic Information System (GIS) of the collection system piping, including routine updating of the District's maintenance activities consisting of cleaning, CCTV, and manhole inspection.
6. Continue to prioritize and make repairs on collection system piping as it is found during regular CCTV'ing activities.
7. Continue to promote and fund a program which provides a financial incentive to property owners (offering a rebate up to \$2,000) for the rehabilitation and/or replacement of private sewer laterals. The District's FY 2016-17 funding for this program is \$100,000.
8. Continue to train staff and perform the lift station maintenance program consisting of de-ragging pumps, exercising valves, generators and setting up emergency by-pass pumps at each of the four lift stations.

Long Term:

1. Continue to investigate the Inflow & Infiltration issues that may still exist within the District.
2. Continue to clean and CCTV the entire collection system for the inspection and recordation of the system with the closed circuit television truck. Complete a condition assessment of the system using the NASSCO pipe rating system for each line segment.
3. Continue with the pipeline rehabilitation and relining projects.
4. Rehabilitate and replace manholes as determined necessary.

ACTIONS COMPLETED IN 2016

1. Performed closed circuit video inspection of approximately 16.5 miles of collection system piping.
2. Cleaned approximately 70 miles of collection system piping.
3. Promoted and provided financial incentive for the rehabilitation/replacement of private sewer laterals. In 2016, seventeen property owners participated in this program and replaced/repared their deteriorated laterals. The District issued rebates for a total of \$34,000 to property owners for these repairs.
4. Identified and raised/rehabilitated 7 manholes and 7 cleanouts in various locations throughout the District for a total cost \$63,875.
5. Continuation of the Sewer Rehabilitation Project. Insituform Technologies completed approximately 4.6 miles of sewer relining and rehabilitation for the District in 2016. On May 9, 2016 District Board of Directors approved the Notice of Completion for the Sewer Main Rehabilitation Project for a final contract amount totaling \$2.7 million, which rehabilitated 25.9 miles of existing pipe.
6. On November 9, 2015 the District Board of Directors approved the purchase of a new Truck Mounted High Pressure Sewer Cleaner to assist the District in performing sewer cleaning work in easement areas, on narrow roadways and low tree limb areas. The truck was delivered and inspected by District staff and on July 25, 2016 the District Board of Directors approved the Notice of Completion to Sewer Equipment Company of America for a final adjusted price of \$177,699.

7. On December 14, 2015 the District Board of Directors approved the purchase of a new Toyota Tacoma Truck to replace the 2002 Dodge Dakota. The truck was delivered on January 22, 2016 for a total price of \$35,641.

2016 SANITARY SEWER OVERFLOW (SSO) REPORT SUMMARY

PRIVATE

1. 10/20/16 – 940 Channel Drive; Property line clean-out to a private sewer lateral overflowed resulting in a spill of approximately 30 gallons. The Collections Crew notified the property owner to stop using the water and immediately call a plumber to clear the blockage. Staff then helped to disinfect the area. At that time, the owner was given a written Notice to CCTV their private sewer lateral and to provide a video inspection to the District to determine if repairs are required.

DISTRICT

NONE

MONTECITO SANITARY DISTRICT

Mission, History and Future Goals

OUR MISSION

To provide the residents of Montecito with a community service to protect public health and to preserve the natural environment through collection, treatment and disposal of wastewater in the most cost effective way possible.

To meet all regulatory discharge requirements as directed by Local, State and Federal agencies.

OUR BACKGROUND

The Montecito Sanitary District (MSD) is an independent special district voted into existence in 1947 by the residents of Montecito. A few highlights of MSD's history include the following:

- 1947: The Montecito Sanitary District was voted into existence by the residents.
- 1947-1960: The community worked toward implementation of service by approving a bond issue, selecting a plant site, and establishing a District boundary.
- 1960: A \$900,000 bond issue was passed to build a 750,000 gallon per day extended aeration, secondary treatment plant, an ocean outfall and trunk sewer system.
- 1961-1969: Six assessment districts were formed to finance the installation of 70 miles of collection system pipelines.
- 1981: Voters approved a \$3.1 million revenue bond issue to incorporate new technology and expand the plant's capacity to 1.5 MGD.
- 1982-1999: During this time period a second activated sludge reactor basin was added to the treatment plant; two additional secondary clarifiers were constructed; the volume of the aerobic digester was increased; a dissolved air flotation thickener and a belt filter press were installed; a second effluent chlorine contact chamber was constructed along with a de-chlorination chamber; a 250 KW emergency generator was installed at the treatment plant. In the mid 1990's, sodium hypochlorite and sodium bisulfite liquids, replaced gaseous chlorine and sulfur dioxide for safety reasons.

MONTECITO SANITARY DISTRICT
Mission, History and Future Goals -- Continued

An after-hours alarm notification system was added to the SCADA system as the primary notification system with the existing auto dialer (ADA) becoming the back up. Three effluent disinfection chemical dosing pumps were replaced with new pumps.

- 2012: Refurbishment of all four Secondary Clarifiers; installation of two new sodium hypochlorite chemical feed pumps and one sodium bisulfite chemical feed pump; all three Influent Pumps were retrofitted with new high chrome impellers and volutes and the Influent Variable Frequency Drive motors were replaced with new energy efficient units.
- 2013: Capital projects completed included the remodel of the former lab into an Operations Control Center; the refurbishment of the Belt Filter Press System; the replacement of the sodium hypochlorite and sodium bisulfite analyzers and the replacement of a 3,000 gallon hypochlorite tank.
- 2014: Preventative maintenance was completed on the Secondary Treatment Clarifiers No. 2 and No. 3; the Aeration Basin Blower No.1 and the Belt Press.
- 2015: The Influent grinders at the wastewater treatment plant were replaced.

The Montecito District Laboratory received accreditation by California ELAP, effective June 1, 2015. Subsequently, the District added coliform analyses by method SM9221B,E to its list of approved laboratory tests.

Completed the installation of Mission boxes at the treatment plant for the internet SCADA system to monitor flows.

- 2016: The District completed the Plant Paving and Resurfacing Project.

On November 14, 2016 the District Board of Directors approved a Purchase Order to WSG Solutions in the amount not to exceed \$300,000 for parts needed for the Aeration Basin Air Header Rehabilitation Project.

The District is nearing completion of the design specification for the replacement of the Dissolved Air Flootation Thickener (DAFT).

- 2017: Current/Future Capital Improvement Projects include the following:
 - Completion of the Aeration Basin Air Header Rehabilitation Project
 - Replacement of Aeration Blowers and Motors