

BOARD PACKET

For the Special Board Meeting of

Thursday, February 10, 2022

1.	AGENDA <u>Agenda+2022-02-10.pdf (montsan.org)</u>
2.	RESOUTION 2022-945 REMOTE MEETING CONTINUING ADOPTION2
3.	MINUTES – JANUARY 27, 2021
4.	2021 ANNUAL SUMMARY REPORT TO RWQCB9
5.	MANAGER'S REPORT (ITEM 8)
6.	COVID-19 ACTION PLAN – REVISED JANUARY 2022

RESOLUTION NO. 2022-945

RESOLUTION OF THE BOARD OF DIRECTORS OF THE MONTECITO SANITARY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR GAVIN NEWSOM DATED MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE MONTECITO SANITARY DISTRICT FOR THE PERIOD OF 30 DAYS PURSUANT TO THE BROWN ACT PROVISIONS.

WHEREAS, the Montecito Sanitary District ("District") is a sanitary district duly organized and existing pursuant to the Sanitary District Act of 1923 codified in Health & Safety Code section 6400 et seq.; and

WHEREAS, the District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the District's governing body are open and public, as required by the Ralph M. Brown Act, codified in California Government Code section 54950 et seq. ("Brown Act"), so that any member of the public may attend, participate, and watch the District's governing body conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted Resolution No. 2021-935, on September 30, 2021, finding that the requisite conditions exist for the Board of Directors of the District to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District's jurisdiction, and the Board of Directors has done so; and

WHEREAS, emergency conditions persist in the jurisdiction of the District, specifically, a State of Emergency remains active as proclaimed by Governor Gavin Newsom's Proclamation of a State of Emergency dated March 4, 2020; and

WHEREAS, State and Local Officials have imposed and recommended social distancing measures and allowing legislative bodies to meet via teleconferencing to avoid risks to the health and safety of members of the public who would like to participate in meetings of the legislative bodies; and

WHEREAS, the Board of Directors does hereby find that Governor Gavin Newsom's Proclamation of State of Emergency and Social Distancing Orders and other conditions causing imminent risk to attendees has caused, and will continue to cause, conditions of peril to the safety of persons within the jurisdiction of the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to affirm a local emergency exists and re-ratify the proclamation of state of emergency by the Governor of the State of California and re-ratify State and Local orders for social distancing; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the District's governing body shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the District shall continue to provide notice as otherwise required by the Brown Act of all public meetings.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MONTECITO SANITARY DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. <u>Recitals</u>. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. <u>Affirmation that Local Emergency Persists</u>. The Board of Directors hereby considers the conditions of the state of emergency in the jurisdiction of the District and proclaims that a local emergency persists throughout the jurisdiction of the District and allowing remote access and participation in the District's board meetings will reduce health and safety risks to attendees.

Section 3. <u>Re-ratification of Governor's Proclamation of a State of Emergency</u>. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. <u>Remote Teleconference Meetings</u>. The General Manager or designee and the Board of Directors of the District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. <u>Effective Date of Resolution</u>. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) March 12, 2022, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Board of Directors of the Montecito Sanitary District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of the Montecito Sanitary District this 10th day of February 2022, by the following vote:

AYES: NAYS: ABSENT: ABSTAIN:

> Board President Dorinne Lee Johnson

ATTEST:



Board Secretary Dana Newquist



MINUTES

For the Regular Meeting of the Board on:

January 27, 2022

1. CALL TO ORDER

The Governing Board of the Montecito Sanitary District convened a regular meeting at 2:00 pm on Thursday, January 27, 2022 using Zoom teleconferencing in accordance with the State Executive Order No. N-29-20 issued on March 17, 2020.

ATTENDANCE

Board Members Present:

President Dorinne Lee Johnson, Treasurer Don Eversoll, Director Gary Fuller and Director Dana Newquist

Board Members Absent:

None

Also Present and Participating:

Brad Rahrer, P.E. MSD General Manager Mark Manion, MSD General Counsel, Price Postel & Parma Rico Larroude, MSD Collections & Maintenance Supervisor Carole Rollins, MSD Laboratory Manager

2. <u>PUBLIC COMMENT</u>

No members of the public addressed the Board.

3. <u>APPROVAL OF MINUTES</u>

It is recommended that the Board consider approving the minutes from Board Meetings held on January 13, 2021.

ON MOTION by Director Newquist, Second by Director Barrett, the Board voted to approve the Minutes from Board Meeting held on January 13, 2022.

AYES:	Directors Barrett, Eversoll, Johnson and Newquist
NAYS:	None
ABSTAIN:	Fuller
ABSENT:	None

4. <u>COMMITTEE REPORTS</u>

It is recommended that the Board receive and file a report provided by the following committee(s):

i) Director Eversoll gave a summary of the Finance Committee meeting held on January 19, 2022

 Director Barrett gave a summary of the Finance Committee meeting held on January 24, 2022. General Manager gave a short presentation on the proposed restructuring of the Operations Manager.

5. OLD BUSINESS

A. <u>HWY 101 SEWER MAIN RELOCATION PROJECT</u>

ON MOTION by Director Newquist, Second by Director Eversoll, the Board voted to authorize the General Manager to proceed with a contract with Earth Systems to conduct additional geological investigation to support the Highway 101 Sewer Main Relocation design.

AYES:Directors Barrett, Eversoll, Fuller, Newquist and JohnsonNAYS:NoneABSTAIN:NoneABSENT:None

B. <u>ROOF REPLACEMENT PROJECT</u>

The General Manager gave an update on the roof replacement project.

C. MARBORG TRAILERS

The General Manager reviewed the use of the rental facilities and the District Administrator reported the rental fee for trailers is approximately \$2,600 per month. Director Barrett encouraged the Board of Directors to consider modifying maintenance building facilities to eliminate rental facility cost.

6. <u>NEW BUSINESS</u>

A. <u>COLLECTIVE BARGANING PROCESS – SPECIAL LEGAL COUNSEL</u> General Manager Rahrer provided an overview of the timeline and work completed to date.

Director Barrett reached out to Grant Burton from Cohen & Burge LLP for special legal counsel for future collective bargaining and recommended to the board to consider soliciting a proposal from Grant Burton from Cohen & Burge LLP.

ON MOTION by Director Johnson, seconded by Director Barrett the board voted to seek an additional proposal from Grant Burton of Cohen & Burge LLP to provide the District with special legal counsel for the future collective bargaining process.

AYES:	Directors Barrett, Eversoll, Fuller, Newquist and Johnson
NAYS:	None
ABSTAIN:	None
ABSENT:	None

7. <u>CLOSED SESSION</u>

The Board of Directors entered closed session at 3:37 p.m. and returned from closed session at 4:24 p.m.

A. <u>PUBLIC EMPLOYEE EVALUATION (Government Code Section 54957)</u> Title: General Manager

No reportable action.

B. <u>PUBLIC EMPLOYEE EVALUATION (Government Code Section 54957)</u> Title: General Counsel, Price Postel & Parma

No reportable action.

8. <u>DISTRICT OPERATIONS AND MAINTENANCE</u>

A. **INFORMATION ITEMS**

General Manager Brad Rahrer P.E. provided an update on the Maintenance Building Tree Damage and COVID-19 policy.

Director Newquist offered to provide a COVID-19 Policy for staff's review.

9. ITEMS FOR THE NEXT AGENDA

The next Board meeting will be a regularly scheduled board meeting on February 10, 2022 at 2:00 pm; to discuss the following items (but not limited to):

- Annual Report for National Pollution Discharge Elimination System (NPDES)
- Review of Legal Counsel, legal expenditures and discussion of searching for new legal counsel.
- Consideration of an Annual Barbeque between Board and Staff (Director Barrett)
- Review of a COVID-19 Policy (Director Newquist)

10. <u>ADJOURNMENT</u> The meeting adjourned at 4:43 p.m. ON MOTION by Director Barrett, seconded by Director Newquist.

These minutes were presented for approval at the Board Meeting on February 10, 2022.

Dorinne Lee Johnson, President

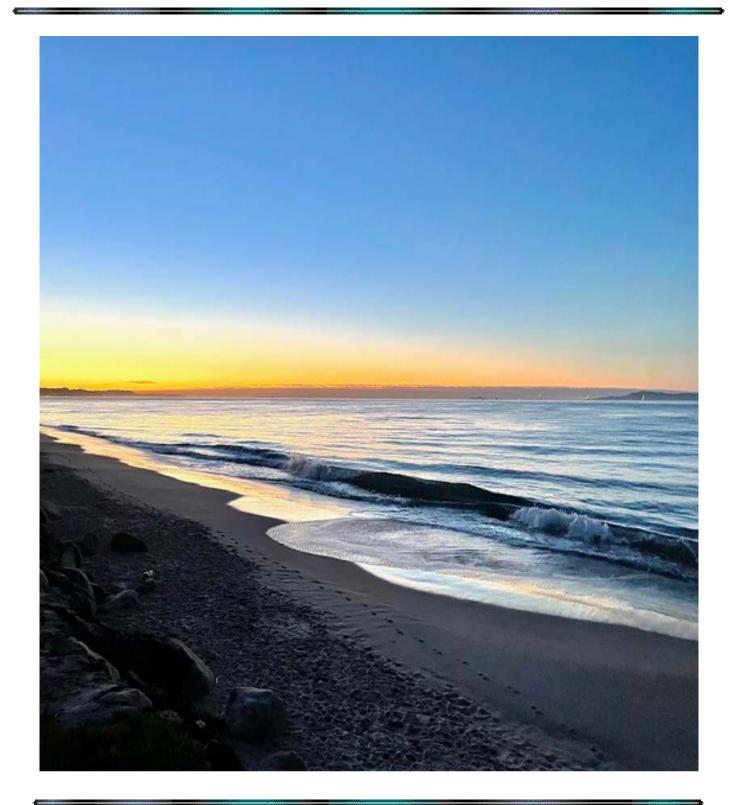
Ellwood T. Barrett II, Vice President

Dana Newquist, Secretary

Donald M. Eversoll, Treasurer

Gary Fuller, Director

MONTECITO SANITARY DISTRICT





Montecito Sanitary District

1042 Monte Cristo Lane **A Publ** Santa Barbara, CA 93108 General Manager: Bradley Rahrer, P.E.

A Public Service Agency

PHONE: (805) 969-4200 FAX: (805) 969-9049 E-MAIL: brahrer@montsan.org

January 27, 2022

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 for 2021

Staff of the Regional Board:

In accordance with the requirements of the general provisions of the District's NPDES Permit No. CA0047899, currently in effect and binding, I am pleased to transmit the District's Annual Report for 2021.

On February 7, 2018 the District received a letter from the Central Coast Regional Water Quality Control Board (RWQCB) notifying the District that the Water Board had administratively extended the expiration date of the District's NDPES permit until such time as the permit is reissued. The letter also stated that the District's application for renewal was deemed complete on June 9, 2017. Additionally, the District received correspondence from the RWQCB dated January 28, 2020 and May 22, 2020 informing us that a draft of the reissued NPDES permit would likely be issued in the spring of 2021 due to the RWQCB's workload. In 2021, PG Environmental, on behalf of the RWQCB, made contact with Montecito Sanitary District staff to provide notice that PG Environmental staff was processing and drafting a permit renewal. MSD staff is currently awaiting its finalization.

The report includes the names and job titles of District personnel, the Governing Board of Directors, and an organizational chart. Throughout the 2021 calendar year the following treatment operators were employed by the District:

- Marco Felix, Operator, V-41171, exp. 11/20/2023
- Michael Arce, Operator, III-43612, exp. date 06/22/2024
- Luis Rizo, Operator, II-74119, exp. date 01/01/2024
- Robert Keen, Operator, III-38601, exp. date 11/06/22
- Miguel Villafana, Operator in Training, exp. date 02/03/24

District staff continues to perform the majority of required analytical tests on-site in the District's ELAP-accredited Laboratory. The District's Laboratory Manager, Carole Rollins, holds certification as a Grade 4 Laboratory Analyst with the California Water Environmental Association (CWEA). Marco Felix, Michael Arce, Robert Keen and Luis Rizo each holds a Grade 1 Laboratory Analyst certification.

The monitoring data compiled throughout the calendar year 2021 are presented in both tabular and graphic form. All samples collected were properly representative and met NPDES permit requirements for frequency. All data was generated and analyzed either at the District ELAP-

accredited laboratory, ELAP #2957, or by Oilfield Environmental and Compliance, Inc. (OEC), ELAP# 2438, or their subcontractors.

Required annual effluent samples were collected on June 23rd with the exception of Bioassay samples which were collected on June 7th, 9th and 11th, 2021. The required analyses were performed by OEC laboratory and its subcontractors. Data remains consistent with previous years. All results were within acceptable limits.

On August 30, 2021, Aquatic Bioassay Consulting Laboratories Inc. completed the annual 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 RWQCB via CIWQS with the Annual Summary Report. The outfall pipeline was found to be in good condition.

Regarding the generation and removal of Biosolids, a separate annual report is submitted to the EPA in February of each year as per EPA and District NPDES permit requirements.

The District's Wastewater Treatment Plant Operations & Maintenance Manual was reviewed in December 2021 and staff determined no updates were necessary.

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 29 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 would like to request additional information.

Sincerely,

Bradley Rahrer, P.E. General Manager/District Engineer

Montecito Sanitary District

2021 Annual Report

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MONITORING DATA

PAGE NUMBER



January 2021 – December 2021

GOVERNING BOARD

Dorinne Lee Johnson Ellwood Barrett II Donald Eversoll Dana Newquist Gary Fuller President Vice President Treasurer Secretary Director

January 2021 – December 2021

<u>STAFF</u>

Administration

Bradley Rahrer, P.E. Tony Wong, P.E. (consultant) Jon Turner, P.E. (consultant) Carrie Poytress, P.E. Elizabeth Byrne Caroline M. Martin

Treatment Operations

Alex Alonzo Marco Felix Michael Arce Luis Rizo Robert Keen Miguel Villafana

Carole Rollins

Collection System

Ricardo Larroude Perry Cabugos Jack Carrillo Steve Morelos William "Travis" Kearney Noee Ortiz Jose Flores General Manager (Hired June 14, 2021) Interim General Manager (Released July 2021) Interim General Manager (Resigned January 31, 2021 Engineering Manager (Resigned September 18, 2021) District Administrator (Resigned December 10, 2021) Accounting/Administrative Assistant

Operations Manager (Retired March 19, 2021) Chief Plant Operator V Treatment Plant Operator III Treatment Plant Operator II Treatment Plant Operator III (Hired January 5, 2021) Treatment Plant Operator OIT

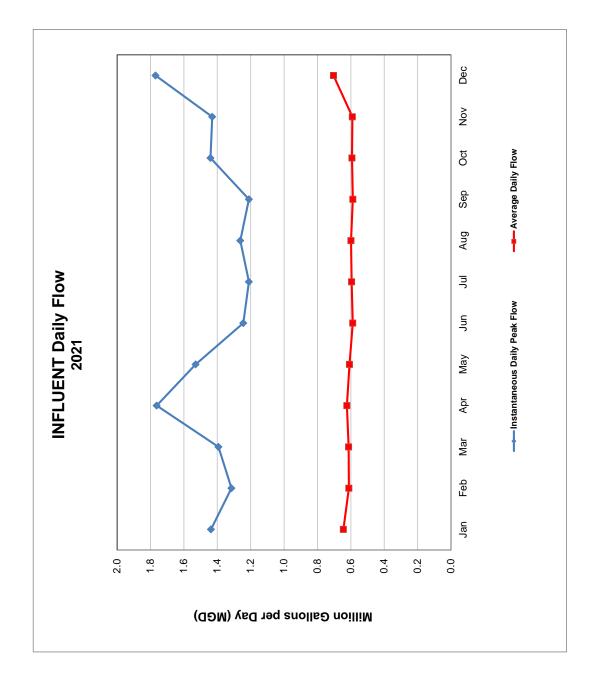
Laboratory & Pretreatment Manager

Collection/Maintenance Supervisor Chief Maintenance Mechanic Facilities Maintenance Collection System Maintenance IV Collection System Maintenance I Collection System Maintenance I Collection System Maintenance III

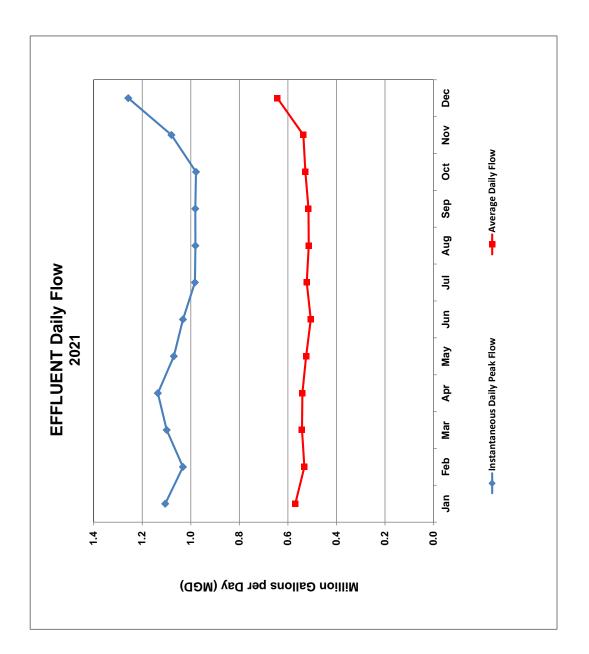
	Montecito Sanitary District Pro	nitary District Property Owners		
Legal Counsel	Board of Directors	Directors	Auditor	
	Bradley Rahrer, P.E. General Manager / District E	Bradley Rahrer, P.E. eral Manager / District Engineer		
ADMINISTRATION	ENGINEERING	OPERATIONS	LAB & PRETREATMENT	
Vacant District Administrator/Clerk of the Board	Vacant Engineering Manager	Ricardo Larroude Acting Operations Manager	Carole Rollins Laboratory & Pretreatment Manager	
Caroline M. Martin Accounting/Administrative Assistant				
	Collection System	Treatment Plant	Maintenance	
	Steve Morelos	Marco Felix	Perry Cabugos	
	Acting Collection System Supervisor/Gr IV	Chief Treatment Plant Operator/Grade V	chanic	
	Travis Kearney Collection System Maintenance IV	Michael Arce Treatment Plant Operator III		2021 AI
	Jose Flores Collection System Maintenance III	Robert Keen Treatment Plant Operator III		NNUAL S
	Noee Ortiz Collection System Maintenance I	Luis Rizo Treatment Plant Operator II		UMMAR
Page 2	Vacant Collection System Maintenance I/OIT	Miguel Villafana Treatment Plant OIT	-2012-0016	Y REPORT

2021 ANNUAL SUMMARY REPORT

	MILLION GALLONS PER DAY (MGD)	AY (MGD)
Month	Instant Daily Peak	Average Daily Flow
Jan	1.44	0.645
Feb	1.32	0.612
Mar	1.39	0.613
Apr	1.76	0.624
May	1.53	0.608
unr	1.24	0.589
Int	1.21	0.595
Bng	1.26	0.599
deS	1.21	0.588
Oct	1.44	0.593
von	1.43	0.590
Dec	1.77	0.704
Avg	1.42	0.613

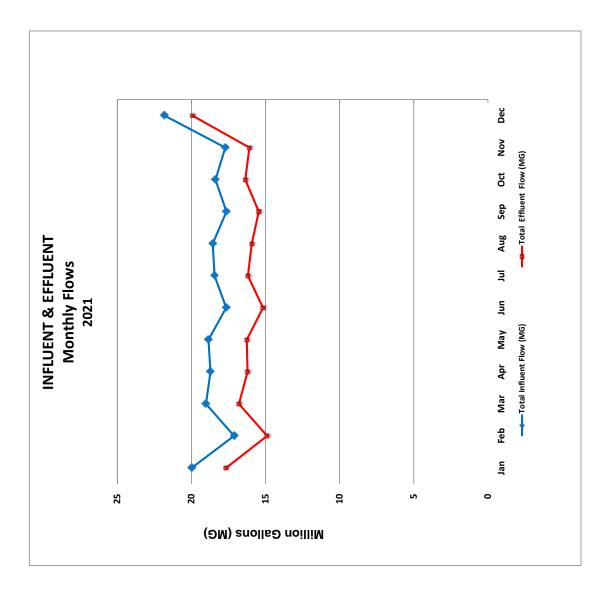


	MILLION GALLONS PER DAY (MGD)	AY (MGD)
MONTH	Instant Daily Peak	Average Daily Flow
Jan	1.105	0.570
Feb	1.032	0.532
Mar	1.099	0.542
Apr	1.135	0.541
May	1.070	0.525
unr	1.032	0.506
lut	0.983	0.522
Aug	0.981	0.514
Sep	0.981	0.515
Oct	0.978	0.528
Nov	1.080	0.536
Dec	1.257	0.643
AVG	1.061	0.539

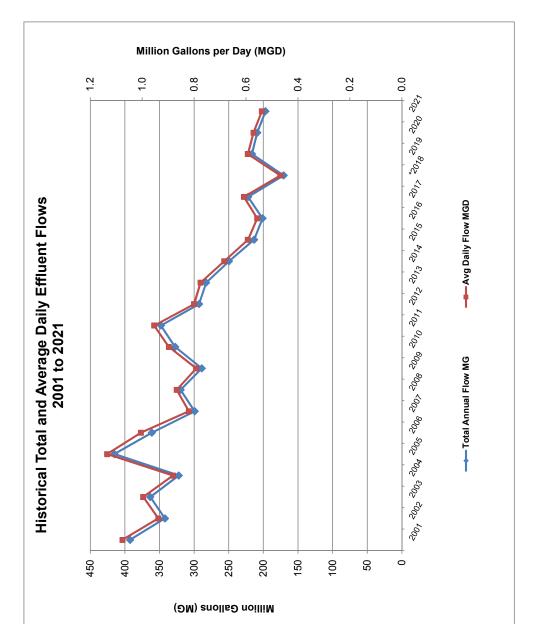


Month	Total Influent Flow (MG)	Total Effluent Flow (MG)
Jan	19.99	17.67
Feb	17.12	14.89
Mar	19.02	16.80
Apr	18.72	16.22
May	18.85	16.27
Jun	17.66	15.17
Jul	18.44	16.19
Aug	18.56	15.93
Sep	17.64	15.46
Oct	18.38	16.37
Nov	17.71	16.09
Dec	21.82	19.94
Total Annual Flows	223.91	196.98

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.

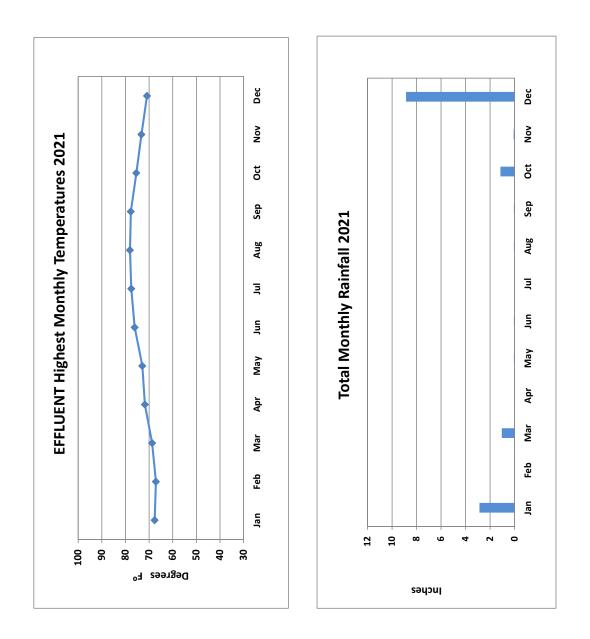


nnual Avg Dailv Flow		.6 1.076	2 0.	.4 0.996	.4 0.881						.4 0.897			.7 0.775	.6 0.684	.4 0.593	.2 0.557	.1 0.608		.5 0.593		.0 0.539	NOTE: Abnormally low flows for 2018 correspond to the January 8th Thomas Fire Debris Flow and evacuations of the service area.	Influent flows at the treatment plant continued in a downward trend for 2021, reflecting declining water usage. Flow remains less than half of treament capacity. We do not expect this to change during 2022 and staff cannot predict when or if flows will ever reach treatment capacity.	therefore not contributing their normal wastewater discharges
Total Annual	Flow	392.	342.	363.	322.	415.3	361.	2.99.2	319.5	289.0	327.4	348.0	292.9	282.7	249.6	213.4	201.2	222.	170.8	216.5	208.9	197.0	ow flows for 2 ris Flow and	eatment plar ing declining nent capacity and staff canr capacity. s commercial	ting their nor
	YEAR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	*2018	2019	2020	2021	*NOTE: Abnormally low 9th Thomas Fire Debris area.	Influent flows at the treatment trend for 2021, reflecting decline less than half of treament caps change during 2022 and staff (ever reach treatment capacity. Additionally, two large commet.	therefore not contributing their normal wastewater discharg



High Temp. °F	67.6	67.1	68.7	71.8	72.9	76.1	77.5	78.1	7.77	75.4	73.2	70.9
Month	Jan	Feb	Mar	Apr	Лау	unr	Int	bny	deS	Oct	von	Dec

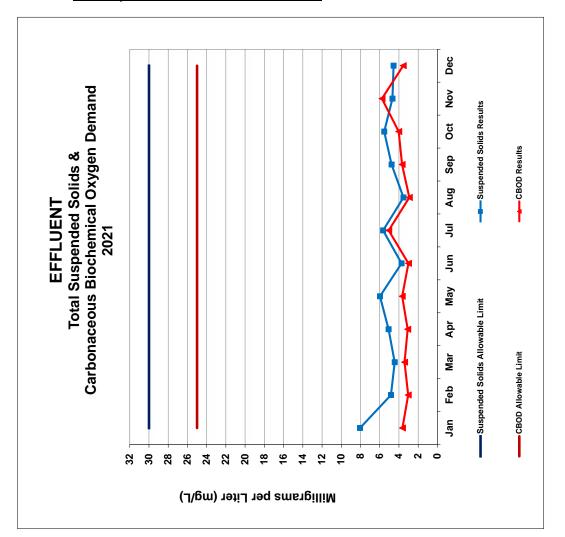
Rainfall	Inches	2.87	0.01	1.04	00.00	0.06	0.06	0.01	0.06	0.05	1.16	0.08	8.85	14.25
	Month	Jan	Feb	Mar	Apr	May	unc	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL



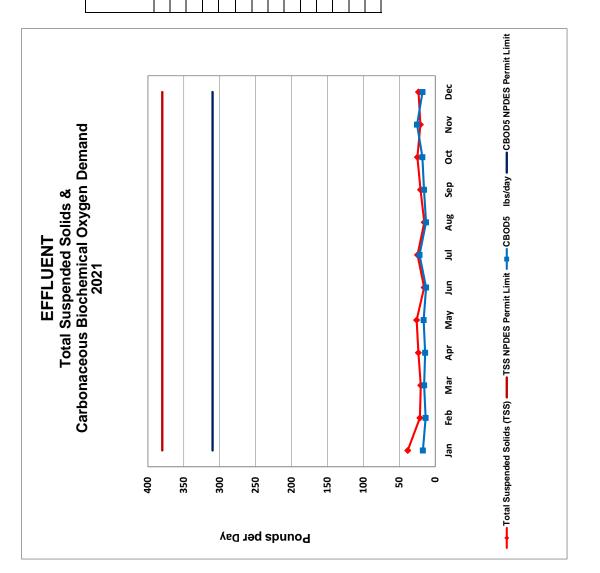
Month	TSS	CBOD5
	mg/L	mg/L
Jan	736	434
Feb	296	407
Mar	454	567
Apr	670	339
May	427	238
Jun	230	171
Jul	299	247
Aug	283	366
Sep	323	310
Oct	316	270
Nov	380	210
Dec	401	287
AVG	451	306

Total Suspended Solids & Carbonaceous Biochemical Oxygen Dec Nov oct Sep CBOD5 Aug INFLUENT Demand 2021 Jul Jun TSS May Apr Mar Feb Jan 800 700 600 500 400 300 200 100 0 Milligrams per Liter (mg/L)

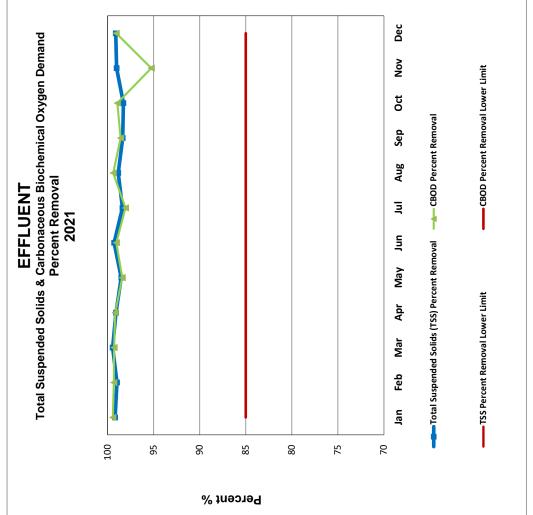
TSS	ŷ	CBC	CBOD
Permit Limit	Results	Permit Limit	Results
mg/L	mg/L	mg/L	mg/L
	8.1		3.64
	4.8		3.03
	4.4		3.41
	5.1		3.09
	6.0		3.66
30	3.7	25	3.00
	5.6		5.07
	3.5		2.92
	4.8		3.68
	5.5		4.03
	4.7		5.77
	4.6		3.56
	5.1		3.74



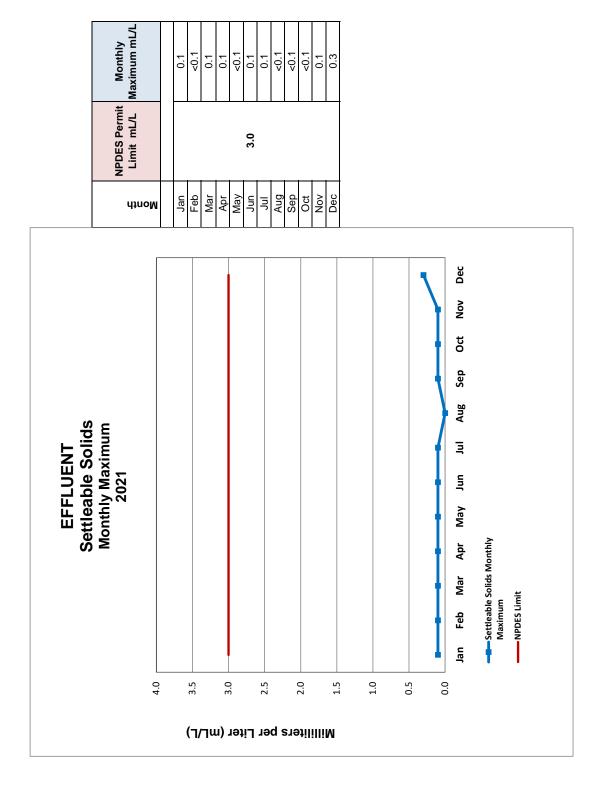
CBOD ₅ NPDES Permit Upper Limit						310								
CBOD ₅ Ibs/day	17	13	16	14	16	13	22	13	16	18	25	18	17	
TSS NPDES Permit Upper Limit						380								
TSS lbs/day	38	21	20	23	26	15	25	15	21	25	21	23	23	
dînoM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	AVG	



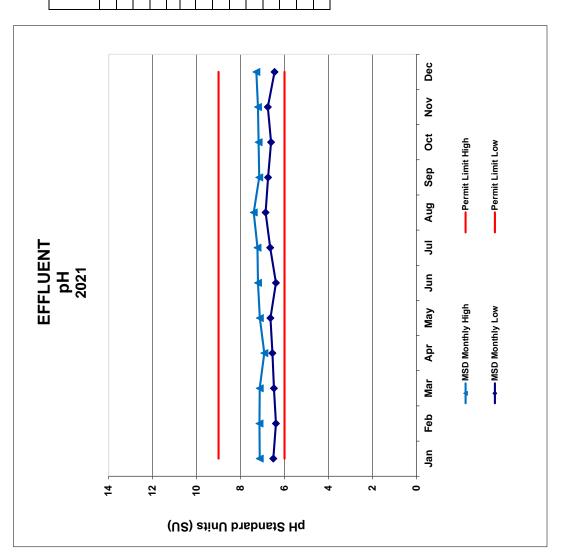
Jan Monti Nov Ss Dec Oct	PERMIT Percent WER LIMIT WER LIMIT % 99 99 99 85 99 99 99 99 99 99 99 99 99 99 99 99 99 99	85 85	Average Percent Removal % 99 99 99 99 99 99 99 99 99 99 99 99 9
AVG	66		66



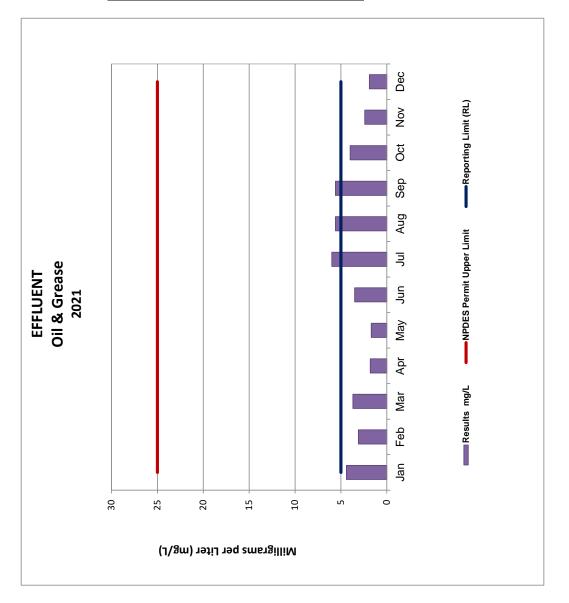
2021 ANNUAL SUMMARY REPORT

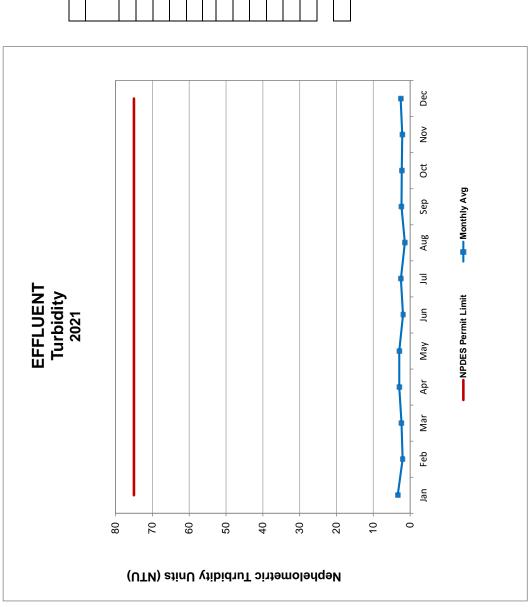


NPDES	High	Limit						0.0							
OSM	Monthly	High	7.13	7.14	7.13	6.92	7.12	7.21	7.23	7.40	7.15	7.18	7.21	7.28	7.18
NPDES	Low	Limit						6.0							
MSD	Monthly	Low	6.51	6.39	6.48	6.55	6.64	6.39	6.65	6.86	6.75	6.61	6.76	6.45	6.59
l	qtu	рМ	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg



	Oil & (Oil & Grease	
	Results	RL	NPDES
Month	mg/L		Limit
Jan	DNQ 4.4		
Feb	DNQ 3.1		
Mar	DNQ 3.7		
Apr	DNQ 1.8		
May	DNQ 1.7		
nnL	DNQ 3.5	5.0	25
Jul	0.9		
Aug	5.6		
Sep	5.6		
Oct	DNQ 4.0		
Nov	DNQ 2.4		
Dec	DNQ 1.9		
Does Not Quanti value is greater th than the RL.	Does Not Quantify (DNQ) means the reported value is greater than the MDL of 1.4mg/L and less than the RL.	the reported .4mg/L and less	

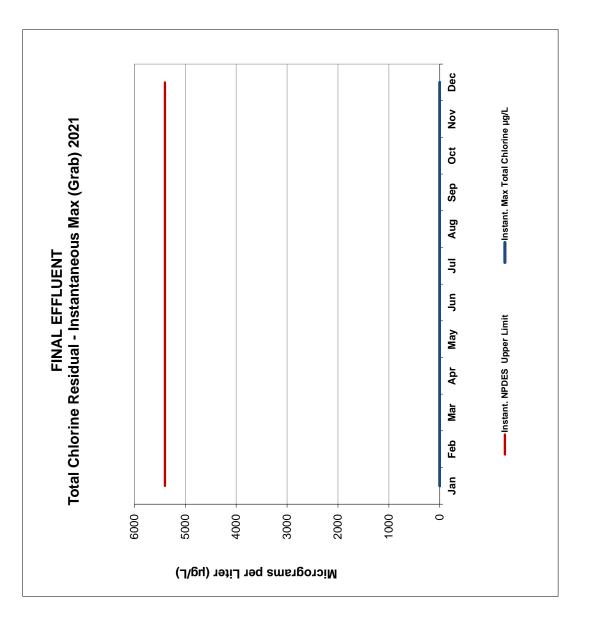




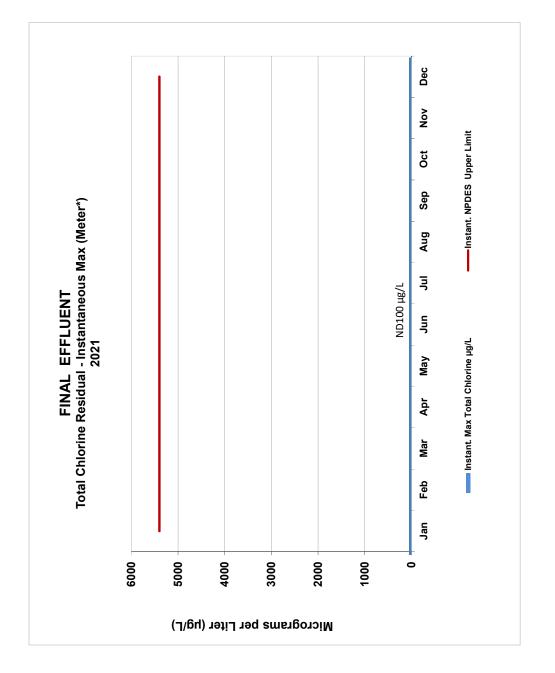
	Monthly	Avg	3.39	2.03	2.36	2.96	2.97	1.96	2.51	1.45	2.36	2.28	2.16	2.60	2.42
Turbidity - NTU	NPDES	Limit						75							
		Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	AVG

Instant. NPDES Total Chlorine ND100 hg/L Upper Limit 5400 Month Feb Mar May Aug Sep Oct Nov Dec Jan Apr Jun ٦

ND100 means the value is less than the Minimum Detection Limit (MDL) or 100 µg/L.

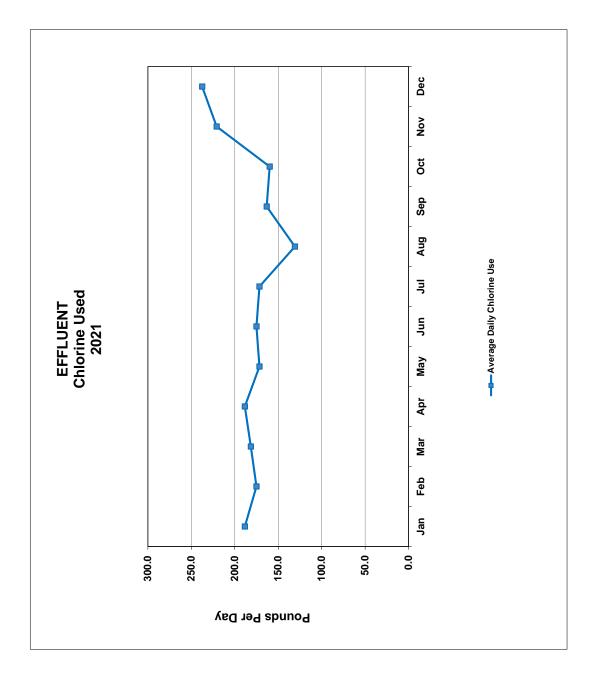


stant. Instant. Max imit Total Chlorine µg/L	ND100	*"Meter" refers to instrumentation that continuously											
NPDES Instant. Upper Limit μg/L						5400							o instrumenta alvzes data
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	*"Meter" refers to instrument

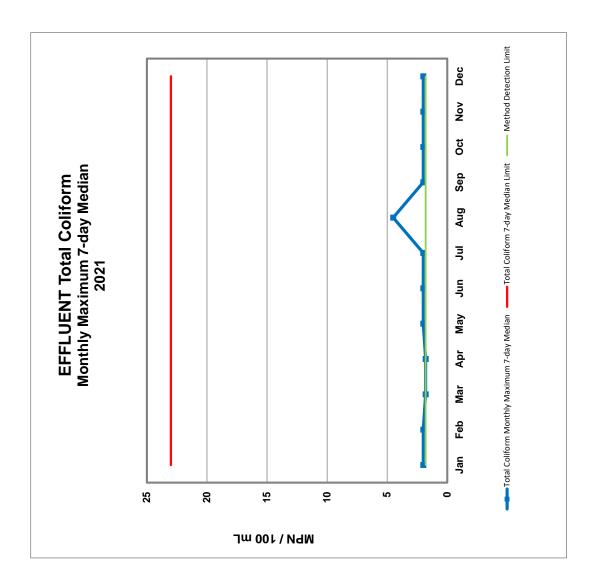


ND100 means the value is less than the Minimum Detection Limit (MDL) of 100 µg/L.

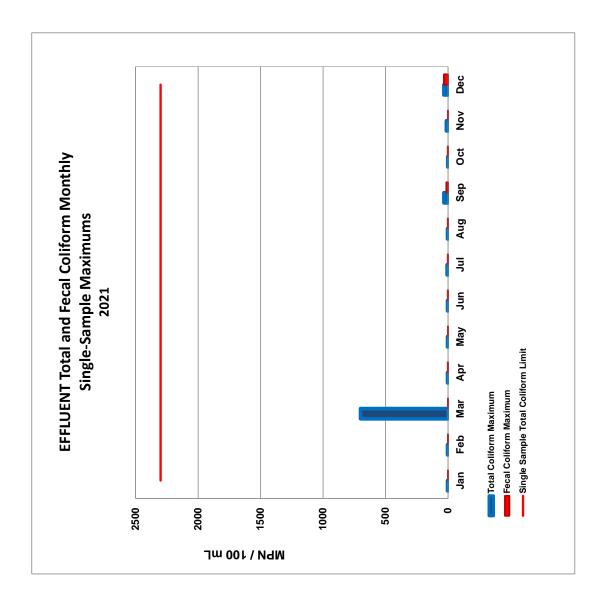
Month	Chlorine Used Ibs/dav
Jan	188.4
Feb	175.1
Mar	181.5
Apr	188.5
May	171.6
Jun	175.1
Jul	171.6
Aug	130.8
Sep	163.3
Oct	159.9
Nov	220.9
Dec	237.6
AVG	180.4
Ī	Ī

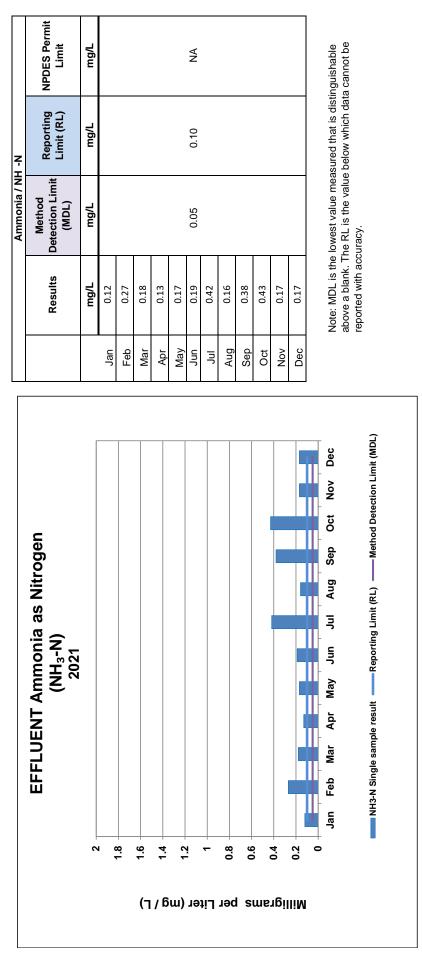


	Method Detection Limit						1.8						
MPN/100mL	Total Coliform 7-day Median Limit						23						
MPN/	Total Coliform Monthly Maximum 7- day Median	2.0	2.0	1.8	1.8	2.0	2.0	2.0	4.5	2.0	2.0	2.0	2.0
	Month	Jan	Feb	Mar	Apr	May	Jun	JuL	Aug	Sep	Oct	Nov	Dec



		MPN/100mL	
	Total Coliform	Fecal Coliform	Total Coliform
	Monthly	Monthly	Single Sample
Month	Maximum	Maximum	Limit
Jan	4.5	1.8	
Feb	4.5	1.8	
Mar	002	1.8	
Apr	4.5	2.0	
May	4.5	1.8	
Jun	4.5	2.0	2300
JuL	7.8	2.0	
Aug	4.5	2.0	
Sep	33	13	
Oct	2.0	2.0	
Nov	13	1.8	
Dec	33	33	





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Tabular Data for 2021 Summary Report

				INFLUENT	UENT				<u> </u>		
MG MGD MGD mg/L bs/day mg/L bs/day mg/L bs/day 20.0 1.44 0.645 736 3953 434 2331 20.0 1.44 0.645 736 3953 437 2331 17.1 1.32 0.612 596 3092 407 2111 19.0 1.39 0.613 454 2413 299 1591 18.7 1.76 0.624 670 3561 339 1785 18.8 1.53 0.608 427 2108 238 1244 17.7 1.24 0.589 530 2444 271 1366 18.4 1.21 0.599 233 1426 366 1844 17.6 1.24 0.583 3123 2106 1194 18.4 1.21 0.599 323 1426 310 1502 17.6 1.145 0.593 3233 1426	2021	Monthly Total Flow	Avg Inst Peak	Avg Flow	Avg TSS	Avg TSS	Avg CBOD ₅	Avg CBOD5	<u> </u>	Total Rain	Tota Monthly
20.0 1.44 0.645 736 3953 434 2331 2.87 2.01 <	Month	ВМ	MGD	MGD	mg/L	lbs/day	mg/L	lbs/day		Inches	ž
17.1 1.32 0.612 596 3092 407 2111 0.00 0.01 0.00 <	Jan	20.0	1.44	0.645	736	3953	434	2331		2.87	17.(
19.0 1.39 0.613 454 2413 299 1591 1.04 1.04 18.7 1.76 0.624 670 3561 339 1785 0.00 1.04 0.00	Feb	17.1	1.32	0.612	596	3092	407	2111	1	0.01	14.8
18.7 1.76 0.624 670 3561 339 1785 0.00 0 18.8 1.53 0.608 427 2108 238 1224 0.06 </th <th>Mar</th> <th>19.0</th> <th>1.39</th> <th>0.613</th> <th>454</th> <th>2413</th> <th>299</th> <th>1591</th> <th>1</th> <th>1.04</th> <th>16.8</th>	Mar	19.0	1.39	0.613	454	2413	299	1591	1	1.04	16.8
18.8 1.53 0.608 427 2108 238 1224 0.06 0.06 17.7 1.24 0.589 530 2444 271 1306 0.06	Apr	18.7	1.76	0.624	670	3561	339	1785	1	0.00	16.3
17.7 1.24 0.589 530 2444 271 1306 0.06 0.06 18.4 1.21 0.595 299 1445 247 1194 0.01	May	18.8	1.53	0.608	427	2108	238	1224		0.06	16.
18.4 1.21 0.595 299 1445 247 1194 0.01 0.01 0.01 18.6 1.26 0.599 283 1426 366 1844 0.06 0.0	lun	17.7	1.24	0.589	530	2444	271	1306		0.06	15.3
18.6 1.26 0.599 283 1426 366 1844 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.05 0.05 0.05 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 <th< th=""><th>lut</th><th>18.4</th><th>1.21</th><th>0.595</th><th>299</th><th>1445</th><th>247</th><th>1194</th><th></th><th>0.01</th><th>16.3</th></th<>	lut	18.4	1.21	0.595	299	1445	247	1194		0.01	16.3
17.6 1.21 0.588 323 1565 310 1502 0.05 18.4 1.44 0.593 316 1563 270 1335 1.16 1.16 17.7 1.43 0.590 380 1860 210 1028 0.08 0.08 21.82 1.77 0.790 380 1860 210 1028 0.08 0.08 21.82 1.77 0.704 401 $2,186$ 287 $1,556$ 8.85 8.85 18.7 1.77 0.613 451 2120 306 1430 8.85 2.82 224 224 210 210 210 210 21.75 21.75 21.75 21.75	Aug	18.6	1.26	0.599	283	1426	366	1844		0.06	15.9
18.4 1.44 0.593 316 153 270 1335 1.16 1.16 17.7 1.43 0.590 380 1860 210 1028 0.08 0.08 21.82 1.77 0.704 401 $2,186$ 287 $1,556$ 8.85 8.85 18.7 1.77 0.613 451 2120 306 1430 8.85 2.82 18.7 1.77 0.613 451 2120 306 1430 2.82 2.430 $2.4.2$ $2.4.2$	Sep	17.6	1.21	0.588	323	1565	310	1502		0.05	15.
17.7 1.43 0.590 380 1860 210 1028 0.08 0.08 21.82 1.77 0.704 401 2,186 287 1,556 8.85 8.85 18.7 1.77 0.613 451 2120 306 1430 14.25 224 224 1 1 1 14.25<	Oct	18.4	1.44	0.593	316	1563	270	1335		1.16	16.3
21.82 1.77 0.704 401 2,186 287 1,556 8.85 <	Nov	17.7	1.43	0.590	380	1860	210	1028		0.08	16.(
18.7 1.77 0.613 451 2120 306 1430 224 224 14.25 14.25 14.25 14.25 14.25	Dec	21.82	1.77	0.704	401	2,186	287	1,556		8.85	19.9
224 224 14.25	AVG	18.7	1.77	0.613	451	2120	306	1430			16.
	TOTALS	224								14.25	197

Report
Summary
for 2021
Tabular Data

FINAL EFFLUENT Avg Avg Avg PH PH CBODs CBODs CBODs DAVB-N 0 & G 0 & G Turb High Low
lbs % Removal mg/L lbs/day mg/L lbs/day
3.64 17 99 0.12 0.57 DNQ 4.4 DNQ21 3.39
3.03 13 99 0.27 1.2 DNQ 3.1 DNQ 14 2.03
3.41 16 99 0.18 0.88 DNQ 3.7 DNQ 17 2.36
3.09 14 99 0.13 0.61 DNQ1.8 DNQ8.0 2.96
3.66 16 98 0.17 0.79 DNQ 1.7 DNQ7.0 2.97
3.00 13 99 0.19 0.81 DNQ 3.5 DNQ 15 1.96
5.07 22 98 0.42 1.83 6.0 26 2.51
2.92 13 99 0.16 0.69 5.6 24 1.45
3.68 16 99 0.38 1.59 5.6 23 2.36
4.03 18 99 0.43 1.89 DNQ 4.0 DNQ18 2.28
5.77 25 95 0.17 0.75 DNQ 2.4 DNQ11 2.16
3.56 1 18 99 0.17 0.78 DNQ 1.9 DNQ9 2.60
3.74 17 99 2.42

MONTECITO SANITARY DISTRICT

Collection System Maintenance and Renovation Program 2021

OBJECTIVE

To reduce Sanitary Sewer Overflows (SSO's), increase system reliability, optimize service life of all collection system components through continued systematic assessment and maintenance, and plan for future facility rehabilitation and/or replacement.

GOALS – SHORT AND LONG TERM

Short Term:

- 1. Continue a systematic maintenance program based on past years' data to prevent SSO's. Identify lines that need to be evaluated by Closed Circuit Television (CCTV) using the NASSCO pipe rating system.
- 2. Continue a systematic CCTV program based on the pipeline segment ratings to identify intrusion of roots, grease and/or structural defects and check on the effectiveness of the District's cleaning procedures and equipment.
- 3. Continue to implement a source control program to regulate and reduce Fat, Oil, and Grease (FOG) in the Sewer System and to Require Fat, Oil, and Grease Removal Devices for commercial food preparation facilities (District Ordinance No. 13).
- 4. 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.
- 5. Continue to repair collection system facilities when and if damage is found during regular CCTV'ing activities.
- 6. Rehabilitate pipe sections that have been identified as needing repair/replacement.
- 7. The District's Fiscal Year 2020-21 funding for the Private Lateral Rehabilitation Program was \$50,000. The Board voted and approved to discontinue this program effective December 31, 2021.
- 8. Continue a proactive lift station maintenance program consisting of deragging pumps, exercising valves, maintaining backup generators at each of the lift stations.

Long Term:

- 1. Clean and CCTV the entire collection system for inspection and condition assessment purposes. Complete this condition assessment using the District owned and operated CCTV equipment in accordance with the NASSCO pipe rating system for each line segment.
- 2. Repair, rehabilitate (reline) and/or replace District vitrified clay pipe (VCP) pipelines as determined necessary by the NASSCO rating.
- 3. Rehabilitate and replace manholes as determined necessary.
- 4. Continue to investigate the inflow and infiltration issues that may still exist within the District.

ACTIONS COMPLETED IN 2021

- 1. District staff performed CCTV inspection of approximately 10.6 miles of District pipeline.
- 2. District staff cleaned approximately 87.5 miles of collection system piping.
- 3. Promoted and provided financial incentive for the rehabilitation/replacement of private sewer laterals. In 2021, thirty (30) property owners participated in the Private Lateral Rehabilitation Program by replacing or repairing their deteriorated or damaged laterals. The District issued rebates for a total of \$62,961 to property owners for these repairs.
- 4. Due to County Road and private drive overlays, 72 manholes were raised to grade at various locations for a total of \$213,768.
- 5. The District completed sewer main repairs to 80 feet of the District's mainlines for a total cost of \$30,643.
- 6. On October 28, 2021, a contract was awarded to Tierra Contracting for the construction of the sewer main extension in Lilac Drive/Oak Grove Drive for a cost of \$2,036,855. Work to commence in early 2022.
- 7. A Notice of Completion was approved by the Board on November 18, 2021 for the Riven Rock Low Pressure Sewer Force Main Project for a total cost of \$378,166.23.

2021 SANITARY SEWER OVERFLOW (SSO) REPORT SUMMARY

PRIVATE

1. <u>05/14/21 – 202 Olive Mill Road</u>

Property line cleanout for a private sewer lateral overflowed and resulted in a spill of approximately 8 gallons. The property owner's plumber called the District Office requesting a grate to be set in order to clear a private lateral blockage. Upon arrival, Collections Crew identified that wastewater had discharged from the cleanout in the driveway and into a drainage channel. At that time, the District issued a written notice to the owner requiring a CCTV inspection of their private sewer lateral to determine if repairs are required. A video inspection of the sewer lateral was performed on 5/15/21 and found the lateral was all clear and in good condition.

2. <u>08/10/21 – 815 Hot Springs Road;</u>

Property line cleanout for a private sewer lateral overflowed and resulted in a spill of approximately 22 gallons. Upon arrival, Collections Crew identified that wastewater had discharged and left the property and entered the public right of way. At that time, the District issued a written notice to the owner requiring a CCTV inspection of their private sewer lateral to determine if repairs are required. A video inspection was performed on 11/4/20 and the owner was notified that replacement of the entire sewer lateral was required from the Residence to the District mainline due to root intrusion.

3. 08/28/21- 329 San Ysidro Lane;

Property line cleanout for a private sewer lateral overflowed and resulted in a spill of approximately 17 gallons. Upon arrival, Collections crew found the cleanout in the private drive had overflowed down the driveway and along the public right-of-way. District staff disinfected the affected area, and issued a written notice to the owner requiring a CCTV of the entire sewer lateral to determine the cause of the blockage. Property is in the process of replacing sewer lateral due to construction plan approval.

DISTRICT

CIWQS Spill Event ID: 872247 – Category 1; 116 gallons 1649 Posilipo Lane; 02/19/21 Resident called in a sewer manhole overflowing at the District's Lift Station #4 on Posilipo Lane. Upon arrival, District staff determined the wastewater was coming from a force main by-pass valve located within vault, which entered a drainage channel. The force main was isolated and drained and the area was cleaned and disinfected. SSO was simulated on 2/16/21 to verify amount and the by-pass valve was replaced.

MONTECITO SANITARY DISTRICT

Mission, History and Future Goals

OUR MISSION

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

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 issuance, selecting a plant site, and establishing a District boundary.
- 1960: A \$900,000 bond issuance 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 issuance to incorporate new technology and expand the plant's capacity to 1.5 MGD.
- 1982-1999: 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 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

- 2000-2006: The District completed the following capital improvement projects: bulk chemical storage tanks were replaced with larger, double wall containment with earthquake restraints; six new disinfection chemical feed pumps for sodium hypochlorite and sodium bisulfite were installed; a paperless data trend process recorder was installed; an aeration system optimization project was completed, the laboratory was upgraded; the influent pump station was replaced, increasing the station's pumping capacity from 3.5 MGD to 5.0 MGD; a SCADA control center was implemented and a new 3,600 square foot maintenance building was constructed.
- 2007-2008: Board of Directors approved "mission critical" capital improvement projects totaling \$11 million. The District issued Certificates of Participation (COP's) to fund the capital program. A new SCADA server with future expandability was put online for the influent pump station control; the waste activated sludge pump was replaced; the aeration air header was replaced with a new stainless steel pipe; purchased a new 125 KW portable emergency generator, the Posilipo Lift Station (Lift Station No. 4) was refurbished including the replacement of the existing 6" dual force mains with dual 8" lines and a new fully redundant pumping system (three new pumps) was installed along with an automatic switch over to generator power.
- 2009-2010: Replacement of the influent channel grinders increasing flow volume from 3.5 mgd to 6.0 mgd; secondary clarifiers (3 & 4) and the effluent channel were refurbished. Completed the refurbishment of two motor control centers (MCC) and replacement of another (MCC); installation of a new 450 KW emergency diesel powered generator providing 100 percent power to the treatment plant and associated facilities during main power outages. The new laboratory building design and site grading was completed in the fall of 2010.
- 2011-2012: The new laboratory building construction was completed. Upgrades to the treatment plant SCADA monitoring system and additional essential treatment plant equipment was added to the SCADA system. 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.
- 2012-2013 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. Capital projects included the remodel of the former lab into an Operations Control Center; the refurbishment of the Belt Filter Press System; the

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

replacement of the sodium hypochlorite and sodium bisulfite analyzers and the replacement of a 3,000-gallon hypochlorite tank.

- 2014-2015: Preventative maintenance was completed on the Secondary Treatment Clarifiers No. 2 and No. 3; the Aeration Basin Blower No.1 and the Belt Press. The Influent grinders at the wastewater treatment plant were replaced. The 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.
- 2016–2017: The District completed the Plant Paving and Resurfacing project, the Aeration Air Header Replacement project, installed new swing-fusers in the Aeration Basin. Purchased a new plant air compressor. Capital Improvement Projects included repairs to the air headers in Aeration Basin #1, replacement of the meter and metering pump on the sodium hypochlorite tank, and impeller replacement at Lift Station 4 pumps.
- 2018: The District endured the tragic January 9th Thomas Fire Debris Flow event. On July 31, 2018, the MSD Board of Directors approved a Purchase Order contract with IDE Technologies for the design, manufacturing and delivery of an ultrafiltration and reverse osmosis recycled water pilot project.
- 2019: Completed rough grading for the Essential Services Building (ESB); the ESB design was completed and went out for bid in April; the MSD Board awarded the ESB construction contract to Menemsha Development Group in June. Construction was postponed due to County issues. The Dissolved Air Floatation Thickener (DAFT) was installed by District staff working in conjunction with Cushman Contracting; the Recycled Water Pilot Project skid-mounted ultrafiltration and reverse osmosis systems were delivered, commissioned, and put into operation in September.
- 2020: Operation and analysis of the Recycled Water Pilot Project continued throughout the entire year. The design of a Recycled Water Project to serve the irrigation needs of the Santa Barbara Cemetery was put on hold due to continued discussions with Montecito Water District and approval of the MSD Coastal Development Plan. The MSD Coastal Development Plan including the proposed recycled water treatment facilities, solar panel structures, and the MSD Essential Services Building was approved by the Montecito Planning Commission, but was appealed by the Montecito Water District therefore these projects were put on hold.
- 2021: Operation of the Recycled Water Pilot Project was put on hold by direction of the Board of Director's. The Essential Services Building Contract was cancelled by the

direction of the Board of Directors and the project put on hold indefinitely. Construction of the Riven Rock Low Pressure Sewer Force Main project was completed. Completed replacement of one of the influent channel grinders. On December 18, 2021, the Board authorized staff to issue a purchase order for a new Fork Lift.

- 2022: Current / Future District Projects include the following:
 - Continue design for the relocation of the 12" gravity main that crosses
 Highway 101 due to the conflicts with the proposed highway bridge at Oak
 Creek.
 - Construction of the Lilac/Oak Grove sewer main extension to be completed in 2022.
 - o Continue design of the East Mountain Drive/ Ashley Road sewer extension.
 - Continue design of the electrical rehabilitation project to replace the original electrical motor control centers continued from 2021.
 - On November 18, 2021, the Board of Directors approved a contract for the roof replacement of the District's Board Room and Administration/Operations Buildings. Project to be completed early 2022.
 - A Request for Proposals for the design of a sewer main extension in Alisos Road was approved by the Board of Directors on December 16, 2021.

Montecito Sanitary District

Annual Ocean Outfall

Diver Survey Report

August 30th,2021



29 North Olive Street

Ventura, California 93001

(805) 643-5621

www.aquaticbioassay.com

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Table 1. Station occupation for the outfall and diffuser ins	spection survey4
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Figure 1. Montecito outfall diffuser port pictures7	,
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Introduction

Background

Aquatic Bioassay conducted an underwater dive survey and video of Montecito Sanitary Districts ocean outfall and diffuser on August 30th, 2021. The purpose of the survey was to inspect the physical integrity of the outfall pipe and note any impediments to flow from the diffuser ports. A copy of the dive video is included with this report.

Objectives

The outfall survey is designed to address the following requirements in the NPDES permit:

'At least once per year the Discharger shall visually inspect the entire outfall and diffuser structure (e.g., divers) to note its structural integrity and any cracks, breaks, leaks, plugged ports, or other actual or potential malfunctions. The outfall inspections will also check for possible external blockage of ports by sand and/or silt deposition. The Discharger shall report all findings and actions, including any observed cracks, breaks, or malfunctions to the Executive Officer in the applicable annual report. The month for inspection specified by the Discharger shall be a month of good underwater visibility.'

Materials and Methods

Divers, using a GoPro Hero 5 enclosed in an underwater housing, conducted the survey. Once the outfall had been located by global positioning (GPS) and bottom finder, a buoy, attached to a line and a weight, was deployed over the side. Divers entered the water, descended the line, swam to the diffuser terminus, and began videotaping.

The footage was downloaded to computer files, and edited using Adobe Premiere software, then transferred to USB flash drive. The diver's observations and video were reviewed by the survey team to assess conditions of the outfall. The video is arranged from the deepest part of the dives (outfall terminus) to the shallowest part of the survey (outfall beginning).

Results

Station Event and Sea State Conditions

The 2021 outfall dive survey was conducted aboard the research vessel *Hey Jude*. Weather conditions were calm and clear with very little wind. Swell height was 2 feet, watercolor was green, and turbidity was moderate with 6 to 8 foot visibility (Table 1).

Table 1. Station occupation and sea state condition for the 2021 outfall and diffuserinspection survey.

Outfall Inspection Station Occupation	
Date	30-Aug-2021
Depth at Terminus (ft)	32.4
Weather	Partly Cloudy
Wind Speed (kts)	3
Wind Direction	West
Air Visibility (km)	15
Watercolor	Green
Water Visibility (ft)	6 - 8
Swell Height (ft)	2
Swell Direction	Southwest
Turbidity	Moderate

Condition of Outfall Structure

The outfall extends approximately 1500 feet into the ocean where it terminates in a 100-foot section of diffuser ports where the effluent is discharged. The diffuser section of the outfall contains ten alternating lateral ports (Figure 1). The end cap, located at a depth of 32 ft, was inspected, and filmed first, and then

each lateral port of the diffuser section was filmed. The end cap of the outfall was partially buried; however the end cap was in place. The Tideflex rubber valves located on each of the ten diffuser ports were functioning properly and the port openings were 1/16th inch. The lateral and terminal ports showed considerable biological growth surrounding each port, however this growth did not appear to disrupt flow. There was no evidence of leaks, damage, erosion, holes, plugged ports, cracks or potential malfunctions observed on any part of the diffuser.

The middle section of the outfall was covered by a layer of armored rock. The armor rock bed appeared stable with little displacement throughout this section. The shallow section of the outfall lays on top of a sandy bottom and becomes covered by sand in 16 feet of water. There was some undercutting in this section of the outfall (visible on video at between approximately 11 and 13 minutes, and at approximately 14 minutes), however this was not an issue in terms of pipe integrity. There were no obvious leaks, damage, holes, cracks, or erosion in the middle and shallow section of the outfall.

Flora and Fauna

The outfall structure supports a diverse assemblage of marine species. Several species of algae were observed along the length of the outfall pipe. These included red algae (Rhodaphyta), which includes encrusting red algae, bladed red algae, and Turkish towel; and brown algae (Phaeophyta), which includes the giant kelp (*Macrocystis pyrifera*).

Macroinvertebrate species observed during the 2021 outfall dive survey included tunicates, golden gorgonians (*Muricea* sp), giant sea star (*Pisaster giganteus*), sand dollars (*Dendraster exentricus*), sheep crab (*Loxorhynchus grandis*) and the California spiny lobster (*Panulirus interruptus*). Fish species observed during the survey included small unidentified young of year fish, sea perch (family Embiotocidae), kelp bass and barred sand bass (*Paralabrax clathratus* and *P. nebulifer*, respectively)

Summary and Conclusions

The end cap, diffuser section lateral ports, and ballast were visually observed and filmed by divers using a GoPro Hero 5 during the 2021 outfall inspection. Although flow was low during the survey and there was considerable attached biological growth, the ten Tideflex diffuser ports were operating as designed. The outfall and diffuser port dive survey yielded no evidence of external damage, holes, cracks, leaks or

potential malfunctions. The pipe and associated armor rock appeared stable with little or no displacement. There was some undercutting in this section of the outfall, however this was not an issue in terms of pipe integrity.

The outfall section supports a rocky reef community typical of other areas on the southern California coast.

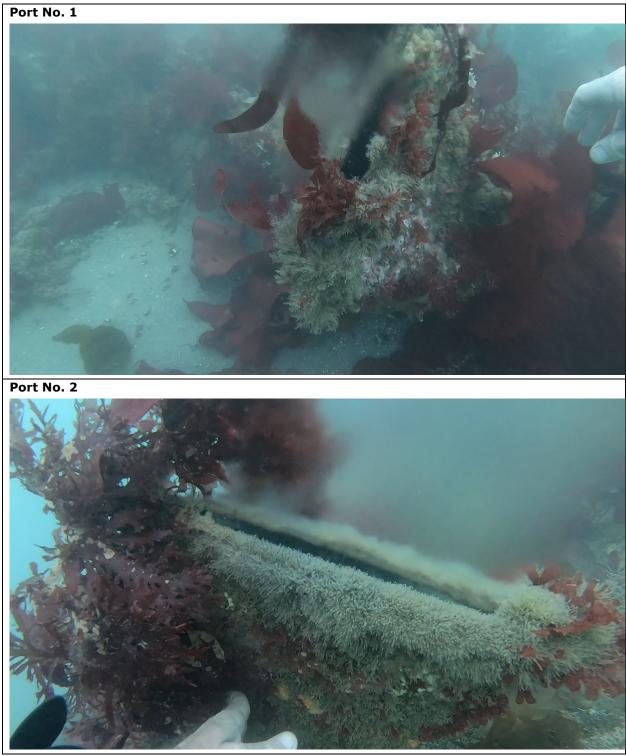
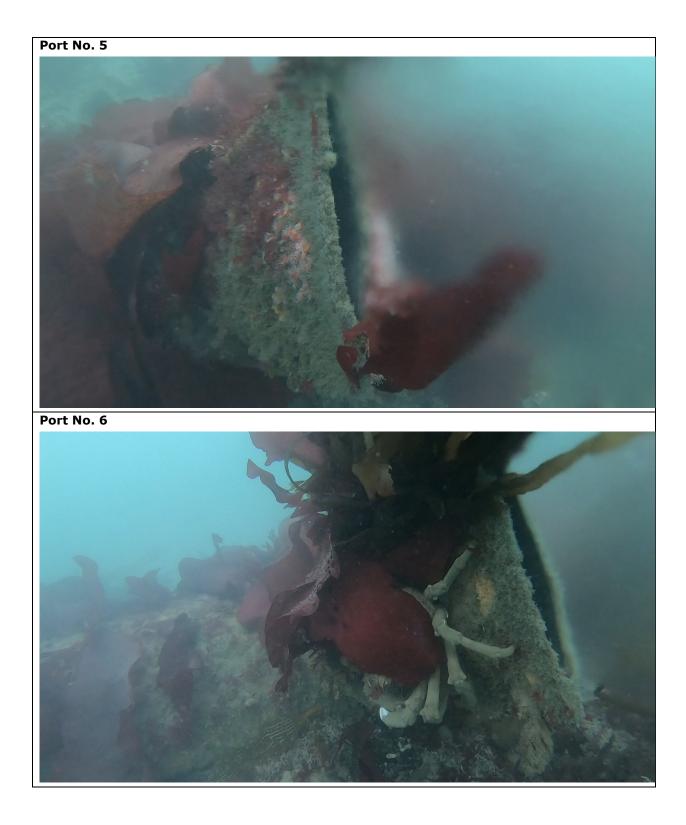
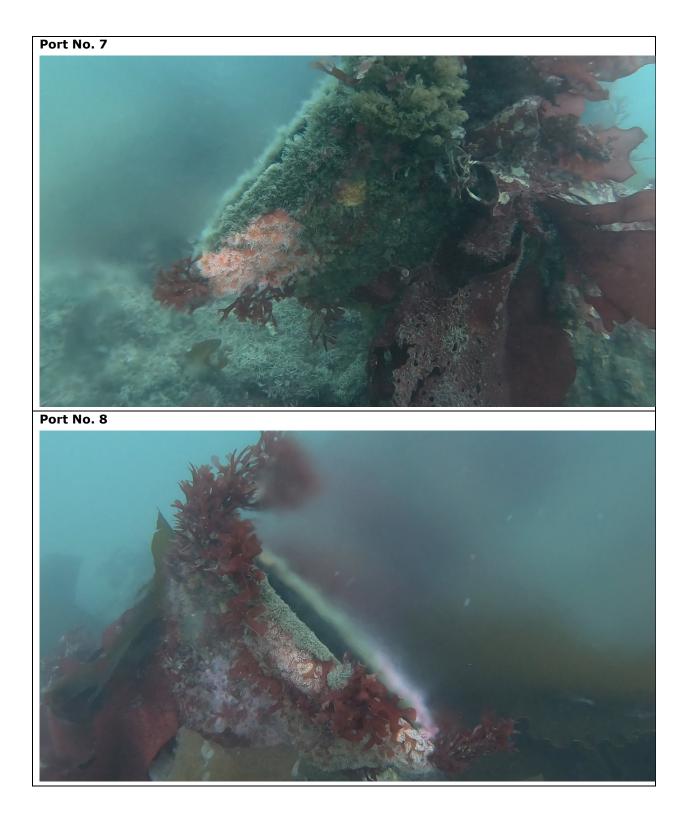
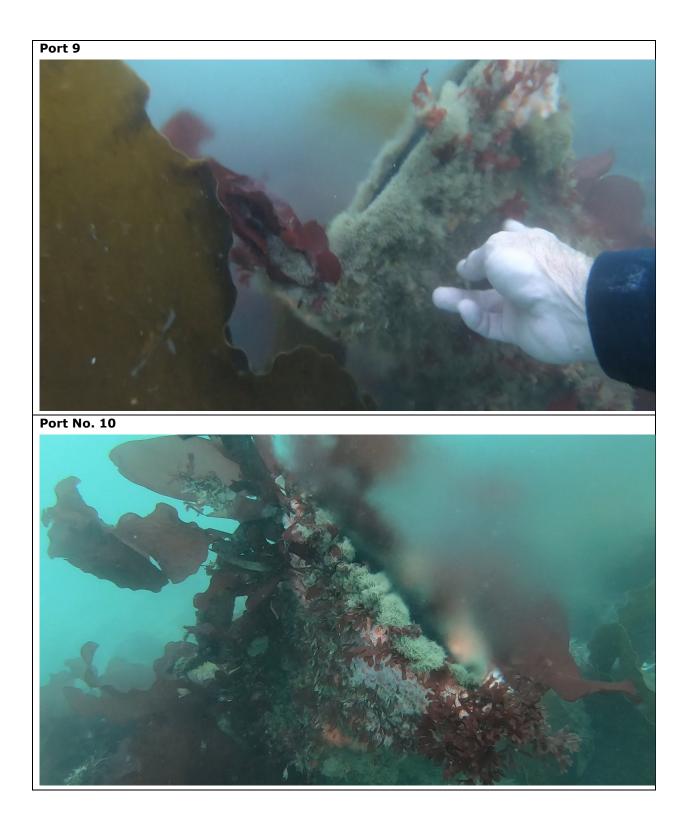


Figure 1. Montecito outfall diffuser port pictures.











MANAGER'S REPORT

For the Regular Board Meeting of

February 10, 2022

8. DISTRICT OPERATIONS AND MAINTENANCE

A. Information Items

General Manager Brad Rahrer, P.E. will provide informational, nonactionable, updates regarding matters before the District.

- Maintenance Building Tree Damage
- COVID-19 Policy

B. <u>Agreements to be signed</u>

None

C. **Operations and Maintenance Reports**

For the period of January 1 through January 31, 2022

WWT PLANT STATISTICS FOR DURATION: 31 DAYS

Flows	16.828 MG	0.543 MGD avg
Hypochlorite used	5,170 Gal	167 Gallons day, avg
Bisulfite used	2,364 Gal	76 Gallons day, avg.
Effluent T.S.S.		4.6 mg/L avg
Effluent CBOD5		3.02 mg/L avg
BAC-T		< 5.5 MPN/100mL median
Rainfall	0.07 inches	

SLUDGE DISPOSAL - LOAD AND DISPOSAL BY ENGEL & GRAY

Load Date	<u>Total Haul in pounds</u>	<u>Total haul in Tons</u>
01/07/2022	35,720	17.86
01/14/2022	35,780	17.89
01/24/2022	37,500	18.75
Totals:	<u>109,000</u>	<u>54.5</u>

PLANT OPERATIONS

- No violation of the NPDES permit during this reporting period.
- Operated the belt press for a total of 18 hours.
- Completed and submit yearly CIWQS annual report.
- Luis Rizo obtained Grade III Operations Certification.

PLANT MAINTENANCE

- Performed routine inspections and maintenance of District Buildings and Equipment.
- 1/2/2022 through 1/24/20221 Derricks Roofing replace roof on Board Room Building.
- 1/24/2022 District received delivery of new Caterpillar GP25N Forklift.

COLLECTIONS

- No public sewer system overflows this reporting period.
- 1 private sewer system overflows this reporting period.
- Noee Ortiz obtained Grade II Collection System Maintenance Certification
- Linear Feet Cleaned: 34,093 ft, 6.45 Miles
- Linear Feet Inspected: 0 ft, 0.0 Miles
- Tierra Contracting resumed sewer manhole raising on state highway 192 project.
- 1/15/2022 Collection staff afterhours call out for transducer fail alarms at Channel Lift Station.
- 1/30/2022 Collection staff afterhours call out for private lateral overflow at 1509 East Valley Road.

LABORATORY

The Laboratory Manager and Operators assigned to the Laboratory performed the following activities during the reporting period:

- Collected 190 samples
- Ran 285 tests plus 82 duplicate tests for NPDES permit compliance and process control
- Performed 45 calibrations on laboratory equipment and 788 quality control checks
- Sent 7 samples to OEC contract laboratory.
- Completed annual EPA-required Proficiency Testing all passed.



COVID-19 Action Plan

Issued: August 2020

Updated: January 2022

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MSD ACTION PLAN

The Montecito Sanitary District's COVID-19 Action Plan (Plan) has been prepared to mitigate the risk of COVID-19 exposure to the District employees. This Plan supplements the District's Injury and Illness Prevention Program (IIPP) and the District's COVID-19 Exposure Control Plan dated May 2020. The District is committed to providing a safe workplace for employees, protecting them from COVID-19 exposure from their co-workers, the public, vendors, and the environment. This guidance is based on what is currently known about the coronavirus disease (COVID-19) as provided by the Centers for Disease Control and Prevention (CDC).

The General Manager (Brad Rahrer) has overall authority and responsibility for implementing the provisions of this COVID 19 Action Plan in the District workplace. In addition, all managers and supervisors are responsible for implementing and maintaining the Action Plan in their assigned work areas and for ensuring employees receive answers to questions about the program in a language they understand. All employees are responsible for using safe work practices, following all directives, policies and procedures, and assisting in maintaining a safe work environment.

This document is intended to be a living document that will evolve and be updated as the CDC, the Department of Labor Occupational Safety & Health Administration (OSHA), State and Local health officials release new recommendations and advisories regarding the COVID-19 virus.

PROTOCOL

1. Non-Employee Protocol

No visitors are permitted to enter any District facility unless essential to District activity.

All non-employees entering any District facility will be required to fill out a "COVID-19 Self Checklist for Vendors/Visitors" (Attachment A) prior to accessing the District facility. Prior to entry each day, this checklist must be submitted to a designated District staff member. If the non-employee answers yes to any question, they will not be admitted.

Any non-employee on District Property must adhere to the requirement that face coverings be worn when on District property. Face masks will be provided if vendor/non-employee does not possess one.

If a non-employee falls within a recognized exemption to wearing face coverings described in CDPH Face Covering Guidance, they will be excused from this requirement upon demonstrating the applicable exemption.

Depending on purpose of visit, non-employees entering the District facility may be required to wash their hands thoroughly upon entering and exiting the premises. An outdoor hand washing station is provided by the District.

Any non-employee entering the District facility must restrict their travel to the location within the District Facility in which their essential activity is to be performed, must maintain physical distancing of at least six feet from any other person.

Any non-employee on District property who begins to show symptoms listed on the checklist shall notify District staff and leave the facility immediately.

2. Employee Protocol

All MSD employees will be required to fill out and submit an electronic "COVID-19 Daily Self Checklist - Employees" (Attachment B) prior to entering the District facility at the start of their workday. If the employee answers yes to any question, they shall not come into work and will notify their supervisor. Any employee on District facilities that begins to feel sick or show symptoms listed on the checklist are to notify their supervisor and leave work immediately.

Any employee on District Property must adhere to the requirement that face coverings be worn when in common areas, rooms or enclosed areas where other people are present and unable to physically distance.

Any employee working outside District Property must adhere to the requirement that face coverings be worn when interacting with the public or if unable to physically distance from co-workers. If an employee falls within a recognized exemption to wearing face coverings described in CDPH Face Covering Guidance, they will be excused from this requirement upon demonstrating the applicable exemption.

The District recommends that any employee entering the District facility wash their hands thoroughly upon entering and exiting the premises, and at appropriate intervals during the day. If an employee cannot get to a hand-washing site, they should use hand sanitizer which is provided by the District. District staff working offsite are provided additional hand washing supplies to be used while offsite.

Employees must maintain physical distancing of at least 6 feet from other employees and visitors at all times when on District property if possible. The District will stagger breaks and other activities in order to maintain physical distancing protocols and employees should adhere to their assigned times. To the extent possible, meetings will be held remotely, by conference call, video conferencing, or outdoors to protect workplace spread.

Employees should disinfect and sanitize any District shared equipment, including vehicles after they use it.

Any employee who is exposed to COVID-19, or to a person suspected to have COVID-19, should immediately inform their supervisor at the District. Their supervisor will go over their options for isolation or quarantine based on a number of factors.

ISOLATION, QUARANTINE, AND TESTING GUIDELINES

In determining the isolation and quarantine process when an employee tests positive for COVID-19 or is exposed to someone with COVID-19, the District will follow guidelines published by the California Department of Public Health (CDPH). As guidelines are updated by the CDPH, the District will utilize those updated recommendations. Below is a summary of the current guidelines as of January 13th, 2022:

Table 1

Persons Who Test Positive for COVID-19 (Isolation)	Recommended Action
Everyone, regardless of vaccination status, previous infection or lack of symptoms.	 Stay home for at least 5 days. Isolation can end after day 5 if symptoms are not present or are resolving and a diagnostic specimen* collected on day 5 or later tests negative. If unable to test or choosing not to test,
	 and symptoms are not present or are resolving, isolation can end after day 10. If fever is present, isolation should be continued until fever resolves.

 If symptoms, other than fever, are not resolving continue to isolate until symptoms are resolving or until after day 10.
 Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information)
<u>*</u> Antigen test preferred.

Table 2

Persons Who are Exposed to Someone with COVID-19 (Quarantine)	Recommended Action
 Unvaccinated; OR Vaccinated and booster- eligible but have not yet received their booster dose.<u>**</u> (Refer to <u>CDC COVID-19 Booster</u> <u>Shots</u> to determine who is booster eligible) 	 Stay home for at least 5 days, after your last contact with a person who has COVID-19. Test on day 5. Quarantine can end after day 5 if symptoms are not present and a diagnostic specimen collected on day 5 or later tests negative. If unable to test or choosing not to test, and symptoms are not present, quarantine can end after day 10. Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information). Strongly encouraged to get vaccinated or boosted. If testing positive, follow isolation recommendations above. If symptoms develop, test and stay home.

****** Workplace Setting (not applicable to healthcare personnel):

In a workplace setting, asymptomatic employees in this category are not required to stay home from work if:

- A negative diagnostic test is obtained within 3-5 days after last exposure to a case;
- Employee wears a well-fitting mask around others for a total of 10 days; and
- Employee continues to have no symptoms.

Table 3

Persons Who are Exposed to Someone with COVID-19 (No Quarantine)	
Boosted; OR	• Test on day 5.
 Vaccinated, but not yet booster-eligible. (Refer to <u>CDC COVID-19</u> <u>Booster Shots</u> to determine who is booster-eligible) 	 Wear a well-fitting mask around others for 10 days, especially in indoor settings (see Section below on masking for additional information)
	 If testing positive, follow isolation recommendations above.
	• If symptoms develop, test and stay home.

FAMILIES FIRST CORONAVIRUS RESPONSE ACT

The District was covered under the Families First Coronavirus Response Act (FFCRA), which provided employees with paid leave related to COVID-19 for qualified reasons and expired December 31, 2020 and subsequently extended by previous management through December 31, 2021. As such, employees will be required to utilize available leave banks to cover time unable to work. Employees are strongly encouraged to use available Sick leave first for COVID-19 related absences before using available Personal, Comp Time or Vacation. In the event new legislation is enacted that the District is eligible for, the District will notify employees immediately.

For employees severely impacted by COVID-19, the employee may be eligible and is encouraged to explore other State of California programs such as Paid Family Leave (PFL) to provide financial relief.

TRAINING

The District will provide training to all employees about this Action Plan. Initial trainings will be conducted by remote meetings and the District will continue to provide follow-up education as information, guidelines, and circumstances change.

The trainings will include an opportunity for employees to ask questions.

Montecito Sanitary District COVID-19 Action Plan

Training will include an explanation of the procedure to follow if an employee is exposed to COVID-19, including the method of reporting the incident, and the medical follow-up necessary.

Training will also include the legal requirements to maintain confidentiality of the health condition of any employee or non-employee. Employees are prohibited from sharing health information about any other person, except as strictly necessary, and the information provided by any person in response to this Action Plan is covered by this obligation of confidentiality.

EMPLOYEE COVID-19 TESTING

If available, the District will provide COVID-19 tests to any employee free of charge. If you require a COVID-19 test please contact your supervisor immediately.

The District also provides employees with medical insurance via ACWA/JPIA with insurer Anthem Blue Cross; both HMO and PPO plans are available. Effective January 15th, 2022, COVID-19 home tests must be covered under all health plans. The District's insurer is in the process of updating its processes to comply with the new law, so in the event that you personally purchase a COVID-19 home test save your receipt and work with the District Administrator on reimbursement as this is Anthem's process in the interim.

Updated testing information for residents of and workers within Santa Barbara County can be found at the following website: https://publichealthsbc.org/testing/

• If you are a resident of Ventura County, testing information is provided and updated daily at: <u>https://www.venturacountyrecovers.org/coronavirus-testing/</u>.

COVID-19 RESOURCES

District staff are instructed and encouraged to use the following resources to educate themselves on COVID-19 and stay informed on latest developments.

- CDC Website <u>https://www.cdc.gov/coronavirus/2019-ncov/index.html</u>
- OSHA Standards <u>www.osha.gov/SLTC/covid-19/standards.html</u>
- County OEM Website https://publichealthsbc.org/

As information is updated regarding vaccination information, the District recommends you refer to the following website for information regarding the COVID-19 vaccine and boosters: <u>https://publichealthsbc.org/vaccine/</u>.

EMPLOYEE ACKNOWLEDGEMENT

I acknowledge that I have reviewed and understand the contents of the COVID-19 Action Plan provided to me by the Montecito Sanitary District and will act in accordance with these policies and procedures.

Signature

Date

Name (Print)