

Code	Parameter Name	NODI	Quantity or Loading		Units	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2		Value 1	Value 2	Value 3				
1 - Effluent Gross												
Season: 0		Req.	<=10.0 DAILY AV		26 - lb/d	<=8.0 DAILY AV		Req Mon SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB
		NODI										
00610	Nitrogen, ammonia total [as N]											
1 - Effluent Gross												
Season: 0		Req.	<=2.5 DAILY AV		26 - lb/d	<=2.0 DAILY AV		<=15.0 SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB
		NODI										
00665	Phosphorus, total [as P]											
1 - Effluent Gross												
Season: 0		Req.	<=0.53 DAILY AV		26 - lb/d	<=0.5 DAILY AV		<=3.0 SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB
		NODI										
50050	Flow, In conduit or thru treatment plant											
1 - Effluent Gross												
Season: 0		Req.	<=0.15 DAILY AV	Req Mon DAILY MX	03 - MGD						99/99 - Continuous	TM - TOTALZ
		NODI										
51040	E. coli											
1 - Effluent Gross												
Season: 0		Req.	<=126.0 DAILY AV		30 - MPN/100mL	<=126.0 DAILY AV		<=399.0 SINGGRAB	30 - MPN/100mL		05/WK - Five Per Week	GR - GRAB
		NODI										
80082	BOD, carbonaceous [5 day, 20 C]											
1 - Effluent Gross												
Season: 0		Req.	<=6.3 DAILY AV		26 - lb/d	<=5.0 DAILY AV		<=30.0 SINGGRAB	28 - ug/L		01/07 - Weekly	GR - GRAB
		NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

MEYER RANCH MUD OF COMAL COUNTY

User:

deena@nwdls.com

Name:

Deena McDaniel

E-Mail:

deena@nwdls.com

Date/Time: 2021-06-17 09:26 (Time Zone: -05:00)

Report Last Signed By

User: jtmontgomery
Name: John Montgomery
E-Mail: jtmontgomery@municipalops.com
Date/Time: 2021-06-20 16:53 (Time Zone: -05:00)



Municipal Operations and Consulting
 27316 Spectrum Way
 Oak Ridge, TX 77385

Meyer Ranch MUD - Non Potable

Reported:
 06/17/2021 08:38

Aeration

Sampled	Received	TSS
		mg/L
05/06 11:25	05/06 16:50	10300
05/13 12:20	05/13 17:20	9400
05/17 11:30	05/17 16:55	9650
05/18 11:20	05/18 16:10	8000
05/19 14:35	05/19 18:15	7550
05/20 11:50	05/20 17:10	8900
05/27 09:20	05/27 15:50	9300
Monthly Maximum Value:		10300
Monthly Average Value:		9010

Outfall 001

Sampled	Received	CBOD	DO	E.Coli	NH3	NO2N	NO3N	pH	Phos	TKN	TSS	Flow
		mg/L	mg/L	MPN/100 mL	mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L	mg/L	mg/L	MGD
05/03 11:20	05/03 16:25			<1.00 [6]								
05/04 11:25	05/04 15:50			<1.00 [6]								
05/05 11:20	05/05 15:50			<1.00 [6]								
05/06 11:20	05/06 16:50	<2.03 [4]	6.37	<1.00 [6]	0.106	<0.0500 [6]	5.95	6.98	1.16	1.23	<1.00 [6]	0.0290
05/07 11:05	05/07 15:50			<1.00 [6]								
05/10 11:15	05/10 15:55			<1.00 [6]								
05/11 11:10	05/11 16:00			<1.00 [6]								
05/12 11:00	05/12 16:15			<1.00 [6]								
05/13 12:15	05/13 17:20	2.34	7.36	<1.00 [6]	<0.0500 [6]	<0.0500 [6]	9.64	6.99	0.536	1.12	<1.00 [6]	0.0250
05/14 11:30	05/14 16:25			<1.00 [6]								
05/17 11:25	05/17 16:55			<1.00 [6]								
05/18 11:15	05/18 16:10			<1.00 [6]								
05/19 14:30	05/19 18:15			<1.00 [6]								
05/20 12:30	05/20 17:10	<2.03 [6]	7.06	<1.00 [6]	<0.0500 [6]	<0.0500 [6]	8.32	6.91	0.496	1.79	<1.00 [6]	0.0290
05/21 08:40	05/21 13:29			<1.00 [6]								
05/22 19:30	05/24 16:00								0.358			
05/23 18:00	05/24 16:00								0.770			
05/24 09:15	05/24 16:00			<1.00 [6]								
05/25 09:10	05/25 14:05			<1.00 [6]								
05/26 09:30	05/26 15:20			<1.00 [6]								
05/27 09:25	05/27 15:50	<2.40 [6]	7.02		<0.0500 [6]	<0.0500 [6]	2.62	7.02	0.0258	<1.00 [6]	<1.00 [6]	0.0320
05/27 09:35	05/27 15:50			<1.00 [6]								
05/28 08:15	05/28 13:20			<1.00 [6]								
05/29 14:30	06/01 14:50								0.216			
05/30 14:15	06/01 14:50								0.296			
Monthly Maximum Value:		2.34	7.36	<1.00	0.106	<0.0500	9.64	7.02	1.16	1.79	<1.00	0.032
Monthly Average Value:		2.2	6.95	1	0.0639	0.05	6.63	6.98	0.482	1.29	1	0.0288



Municipal Operations and Consulting
 27316 Spectrum Way
 Oak Ridge, TX 77385

Meyer Ranch MUD - Non Potable

Reported:
 06/17/2021 08:38

Outfall 001 Process

Sampled	Received	NO2N	NO3N	Phos	TKN
		mg/L	mg/L	mg/L	mg/L
05/21 08:40	05/21 13:29	<0.0500 [6]	22.2	0.408	<1.00 [6]
05/24 10:00	05/24 16:00	<0.250 [6]	35.5	0.884	<1.00 [6]
05/25 09:10	05/25 14:05	<0.0500 [6]	35.0	0.146	<1.00 [6]
05/26 09:35	05/26 15:20	<0.0500 [6]	33.7	0.128	<1.00 [6]
05/28 08:15	05/28 13:20	<0.0500 [6]	34.8	0.250	<1.00 [6]
05/31 16:11	06/01 14:50	<0.0500 [6]	39.8	0.392	<1.00 [6]
Monthly Maximum Value:		<0.250	39.8	0.884	<1.00
Monthly Average Value:		0.0833	33.5	0.368	1

Raw Bar Screen

Sampled	Received	Alk	BOD	NH3	Phos	TDS	TSS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
05/06 11:30	05/06 16:50	434	230	52.0	5.32	1780	178
05/13 12:25	05/13 17:20	396	<50.0 [2]	40.1	4.82	1730	174
05/20 11:55	05/20 17:10	420	251	53.2	5.62	1470	200
05/27 09:25	05/27 15:50	379	132	38.2	4.12	1460	180
Monthly Maximum Value:		434	251	53.2	5.62	1780	200
Monthly Average Value:		407	166	45.9	4.97	1610	183

Meyers Ranch

May-21

Date	Permeate Flow	Total Gallons x1000	Influent Flow	Total Influent	Reuse Flow #1	Total Reuse	LP #1 Hour	LP #2 Hour	LP #3 Hour	Wet Well	Reuse GST Wl	Effluent pH	Alum Wl Inch	Alum Used (ln)	Phos Residual
4/30/2021	1631		8297	0	22754	153	0	0.5	0.4	6.6	5.4	7.56	0		1
5/1/2021	1671	40	8297	0	23061	154	0	0.5	0.4				1		1
5/2/2021	1712	41	8297	0	23061	154	0	0.5	0.4				2		1
5/3/2021	1753	41	8407	110	23215	154	0	0.6	0.5	5.1	5.1	7.57	3		1
5/4/2021	1781	28	8430	23	23215	0	0	0.3	0.4	4.9	5.1	7.56	2		1
5/5/2021	1809	28	8454	24	23215	0	0	0.3	0.3	6.6	5	7.67	2		1
5/6/2021	1833	24	8479	25	23215	0	0	0.4	0.3	5.3	5	7.68	1		1
5/7/2021	1856	23	8500	21	23215	0	0	0.3	0.2	4.9	5.1	7.66	1		1
5/8/2021	1889	33	8500	0	23215	0	0	0.3	0.8				0.66	0.34	1
5/9/2021	1922	33	8500	0	23215	0	0	0.3	0.8				0.33	0.33	1
5/10/2021	1955	33	8592	92	23215	0	0	0.4	0.8	6.8	5.2	7.68	0	0.33	1
5/11/2021	1989	34	8629	37	23215	0	0	0.9	0.5	6	7.4	7.65	0		1
5/12/2021	2017	28	8650	21	23215	0	0	0.6	0.2	5.1	5.4		32	32	1
5/13/2021	2050	34	8675	25	23215	0	0	0.3	0.4	4.7	5.3	7.7	29	3	1
5/14/2021	2077	27	8702	27	23215	0	0	0.3	0.4	5.6	5.9	7.68	27.5	1.5	1
5/15/2021	2109	32	8702	0	23215	0	0	0.3	0.3				24.33	0	
5/16/2021	2141	32	8702	0	23215	0	0	0.4	0.4				21.16	3.17	
5/17/2021	2174	33	8782	80	23215	0	0	0.4	0.4	6.6	5	7.6	18	3.16	0.7
5/18/2021	2216	42	8820	38	23215	0	0	0.5	0.5	6.3	5.3	7.66	14.5	3.5	0.6
5/19/2021	2239	23	8841	21	23215	0	0	0.3	0.2	4.9	5.1	7.75	12.5	2	0.4
5/20/2021	2274	35	8871	30	23215	0	0	0.4	0.4	6	5.3	7.68	10	2.5	0.5
5/21/2021	2300	26	8895	24	23215	0	0	0.3	0.3	4.1	5	7.69	7.75	2.25	0.5
5/22/2021	2342	42	8931	36	23215	0	0	0.5	0.5	6.3	5	7.7	4	3.75	0.5
5/23/2021	2367	25	8931	0	23456	241	0	0.3	0.3				2.25	1.75	
5/24/2021	2392	25	8976	45	23697	241	0	0.3	0.3	5.1	5	7.66	0.5	1.75	0.5
5/25/2021	2408	16	8976	0	23822	125	0	0.1	0.2				13.25	12.75	
5/26/2021	2424	16	9005	29	23947	125	0	0.2	0.2	4.7	5	7.5	26	12.75	0.2
5/27/2021	2488	64	9063	58	23947	0	0	0.6	0.6	5.6	5.1	7	16	10	0.1
5/28/2021	2521	33	9093	30	23947	0	0	0.4	0.4	4.9	5	7	12	4	0.1
5/29/2021	2555	34	9093	0	23947	0	0	0.5	0.4				9	3	
5/30/2021	2589	34	9093	0	23947	0	0	0.6	0.5				6	3	
5/31/2021	2623	34	9192	99	23947	0	0	0.6	0.5	6.4	5.5	7.4	3	3	0.4
Total Flow Gallons		993,000													
Daily Average (0.05 MGD):		32,032													
Daily Peak Flow:		64,000	5/27/2021												
2 Hour Peak In GPM (139):		No Flow Chart Yet													

Supervising Operator:

Chad Stillers

Supervisor Signature

Municipal Operations and Consulting, Inc.

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