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Your DMRs are undergoing the Signing Process

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
TX0135976	MEYER RANCH MUD WWTP	001	001-A	DOMESTIC FACILITY - 001	07/31/21	08/20/21

Parameter Code	Name	NODI	Quantity or Loading		Units	Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type	
			Value 1	Value 2		Value 1	Value 2	Value 3				Units
00610	Nitrogen, ammonia total [as N]		Req. <=10.0 Daily Average		Pounds per Day	<=8.0 Daily Average		Req Mon Single Grab		Weekly	GRAB	
	1 - Effluent Gross				lb/d	<=0.0885		= <= 0.164		01/07	GR	
	Season: 0		Req. <=2.5 Daily Average		Pounds per Day	<=2.0 Daily Average		<=15.0 Single Grab		Weekly	GRAB	
	NODI:											
00665	Phosphorus, total [as P]		Req. <=0.63 Daily Average		Pounds per Day	<=0.5 Daily Average		<=3.0 Single Grab		Weekly	GRAB	
	1 - Effluent Gross				lb/d	= <= 0.478		= <= 0.866		01/07	GR	
	Season: 0		Req. <=0.53 Daily Average		Pounds per Day	<=0.5 Daily Average		<=3.0 Single Grab		Weekly	GRAB	
	NODI:											
50050	Flow, in conduit or thru treatment plant		Req. <=0.0382		MGD					0	99/99	TM
	1 - Effluent Gross											
	Season: 0		Req. <=0.15 Daily Average		Million Gallons Per Day	Req Mon Daily Maximum				Continuous	TOTALZ	
	NODI:											
51040	E. coli		Req. <=1.0					= <= 1.0		0	05/WK	GR
	1 - Effluent Gross											
	Season: 0		Req. <=126.0 Daily Average			<=126.0 Daily Average		<=399.0 Single Grab		Most Probable Number (MPN) per 100ml	Five Per Week	GRAB
	NODI:											
80082	BOD, carbonaceous [5 day, 20 C]		Req. <=0.692		lb/d	<=2.17		= <= 2.4		0	01/07	GR
	1 - Effluent Gross											
	Season: 0		Req. <=6.3 Daily Average		Pounds per Day	<=5.0 Daily Average		<=30.0 Single Grab			Weekly	GRAB
	NODI:											

Edit Check Errors

No results.

DMR Comments

INTERIM PHASE II EFFECTIVE ON 03/01/2021 AND LASTING THROUGH THE COMPLETION OF EXPANSION TO 0.39 MGD.

Comments

Attachments

No results.

Report Last Saved By

User: dcena@nwdls.com
Name: Deena Higginbotham
E-Mail: dcena@nwdls.com
Date/Time: 08/20/21 12:40 CDT



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

Meyer Ranch MUD - Non Potable

Reported:
 08/20/2021 11:31

Aeration

Sampled	Received	TSS
		mg/L
07/01 10:05	07/01 15:55	9800
07/08 09:50	07/08 15:25	8400
07/15 09:40	07/15 15:10	9000
07/22 09:40	07/22 15:35	9950
07/29 10:00	07/29 15:15	8400
Monthly Maximum Value:		9950
Monthly Average Value:		9110

Outfall 001

Sampled	Received	CBOD	DO	E.Coli	NH3	NO2N	NO3N	pH	Phos	TKN	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	mg/L	MGD
07/01 10:00	07/01 15:55	<2.03 [4]	6.10	<1.00 [7]	0.106	0.0980	6.44	6.87	0.0670	<2.00 [7]		<1.00 [7]	0.0340
07/02 09:40	07/02 15:15			<1.00 [7]									
07/06 09:45	07/06 15:00			<1.00 [7]									
07/07 10:05	07/07 15:05			<1.00 [7]									
07/08 09:45	07/08 15:25	<2.03 [4]	6.39	<1.00 [7]	0.164	<0.250 [1]	6.12	7.15	0.808		<1.00 [7]	<1.00 [7]	0.0350
07/09 10:10	07/09 16:07			<1.00 [7]									
07/10 09:50	07/10 15:10			<1.00 [7]									
07/12 09:45	07/12 15:05			<1.00 [7]									
07/13 09:40	07/13 14:50			<1.00 [7]									
07/14 09:45	07/14 15:15			1.00									
07/15 09:35	07/15 15:10	2.35	6.46	<1.00 [7]	0.0725	<0.250 [1]	4.66	7.14	0.173		<1.00 [7]	<1.00 [7]	0.0460
07/16 10:25	07/16 16:15			<1.00 [7]									
07/19 09:55	07/19 15:15			<1.00 [7]									
07/20 09:40	07/20 15:25			<1.00 [7]									
07/21 09:20	07/21 15:10			<1.00 [7]									
07/22 09:35	07/22 15:35	<2.03 [4]	6.53	<1.00 [7]	<0.0500 [7]	<0.0500 [7]	5.96	7.19	0.478		<1.00 [7]	<1.00 [7]	0.0410
07/23 09:40	07/23 14:50			<1.00 [7]									
07/26 09:25	07/26 13:35			<1.00 [7]									
07/27 10:10	07/27 15:05			<1.00 [7]									
07/28 09:25	07/28 09:25			<1.00 [7]									
07/29 09:55	07/29 15:15	<2.40 [7]	6.39	<1.00 [7]	<0.0500 [7]	<0.0500 [7]	6.95	7.18	0.866		<1.00 [7]	<1.00 [7]	0.0350
07/30 09:45	07/30 15:10			<1.00 [7]									
Monthly Maximum Value:		2.4	6.53	1	0.1635	0.25	6.946	7.19	0.866	2	2	1	0.046
Monthly Average Value:		2.1662	6.374	1	0.0885	0.1396	6.0242	7.106	0.4784	1.2	1.2	1	0.0382



130 S. Trade Center Parkway, Conroe TX 77385
 Tel: (936) 321-6060
 Email: lab@nwdls.com
 www.NWDLS.com
 TCEQ T104704238-21-33
 TCEQ-TOX T104704202-20-14

Municipal Operations and Consulting 27316 Spectrum Way Oak Ridge, TX 77385	Meyer Ranch MUD - Non Potable	Reported: 08/20/2021 11:31
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Raw Bar Screen

Sampled	Received	Alk	BOD	NH3	Phos	TDS	TSS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
07/01 10:10	07/01 15:55	354	101	35.1	4.24	1130	200
07/08 09:55	07/08 15:25	372	<50.0 [7]	42.4	4.63	1490	190
07/15 09:45	07/15 15:10	371	<50.0 [7]	34.1	4.53	1620	148
07/22 09:45	07/22 15:35	376	67.8	35.0	3.88	1700	228
07/29 10:05	07/29 15:15	365	113	34.7	4.33	1310	176
Monthly Maximum Value:		376.33	112.568	42.3666	4.63	1695	228
Monthly Average Value:		367.428	74.3676	36.2499	4.32	1448.6	188.4

Meyers Ranch

July-21

Date	Permeate Flow	Total Gallons x1000	Influent Flow	Total Influent	Reuse Flow #1	Total Reuse	LP #1 Hou	LP #2 Hou	LP #3 Hou	Wet Well	Reuse GST lvl	Effluent pH	Alum lvl Inch	Alum Used (lin)	Phos Residual
6/30/2021	3633	20	10108	0	24683	0	0	0.4	0.4	5.5	5.7	7.2	13.5	5.5	0.2
7/1/2021	3653	41	10124	16	24683	0	0	0.2	0.2	4.8	5.8	7.01	8	5.5	0.1
7/2/2021	3694	36	10163	39	24683	0	0	0.6	0.5	4	6.4	7.09	1	7	0.1
7/3/2021	3730	37	10195	32	24683	0	0	0.5	0.4				0.66	0.34	
7/4/2021	3767	37	10227	32	24683	0	0	0.5	0.4				0.33	0.33	
7/5/2021	3804	37	10258	31	24683	0	0	0.6	0.5	5.6	5.5	7.21	0	0.33	0.3
7/6/2021	3863	59	10313	55	25119	436	0	1.1	0.8	4.4	5.4	7.32	24	24	0.3
7/7/2021	3886	23	10332	19	25258	139	0	0.4	0.2	4.3	5	7.3	23	1	0.3
7/8/2021	3937	51	10375	43	25566	308	0	0.9	0.5	5.8	5.1	7.15	20.5	2.5	0.3
7/9/2021	3956	19	10391	16	25566	0	0	0.3	0.2	5.7	5.4	7.28	16.5	4	0.2
7/10/2021	3993	37	10423	32	25566	0	0	0.8	0.4				12.33	4.17	
7/11/2021	4030	37	10455	32	25566	0	0	0.8	0.5				8.16	4.17	
7/12/2021	4067	37	10493	38	25566	0	0	0.8	0.5	4.7	5.3	7.31	4	4.16	0.3
7/13/2021	4100	34	10520	27	25566	0	0	0.6	0.4	4.2	5.2	7.31	0	4	0.3
7/14/2021	4135	35	10554	34	25566	0	0	0.6	0.5	5	5.8	7.25	28	28	0.2
7/15/2021	4173	38	10589	35	25566	0	0	0.7	0.6	5.4	5.4	7.21	23	0	0.2
7/16/2021	4221	48	10631	42	25566	0	0	1.3	0.5	5.2	5.3	7.33	19	4	0.2
7/17/2021	4256	35	10661	30	25566	0	0	0.7	0.4				16.66	2.34	
7/18/2021	4291	35	10691	30	25566	0	0	0.8	0.4				14.33	2.33	
7/19/2021	4326	35	10721	30	25566	0	0	0.8	0.4	5.9	5.2	7.24	12	2.33	0.2
7/20/2021	4378	52	10768	47	25566	0	0	1.1	0.7	4.4	5.2	7.25	8.5	3.5	0.2
7/21/2021	4422	44	10804	36	25566	0	0	0.9	0.5	6.1	5.5	7.3	6	2.5	0.2
7/22/2021	4442	20	10826	22	25566	0	0	0.4	0.2	6.1	5	7.2	6	0	0.8
7/23/2021	4493	51	10872	46	25566	0				5.5	5.3	7.2	28	22	0.5
7/24/2021	4530	37	10904	32	25640	74	0	0.7	0.4				25.7	2.3	
7/25/2021	4567	37	10936	32	25714	74	0	0.7	0.4				23.4	2.3	0.5
7/26/2021	4604	37	10968	32	25788	74	0	0.7	0.4				21.1	2.3	
7/27/2021	4641	37	11000	32	25862	74	0	0.7	0.4				18.8	2.3	
7/28/2021	4678	37	11032	32	25936	74	0	0.7	0.4				16.5	2.3	0.5
7/29/2021	4715	37	11064	32	26010	74	0	0.7	0.4				14.2	2.3	0.3
7/30/2021	4752	37	11096	32	26085	75	0	0.7	0.4				11.9	2.3	0.2
7/31/2021	4789	37	11128	32	26160	75	0	0.8	0.4				9.6	2.3	0.4

Total Flow Gallons: 1,157,000
 Daily Average (0.05 MGD): 37,323
 Daily Peak Flow: 59,000
 2 Hour Peak in GPM (139): No Flow Chart Yet

Supervising Operator: Chad Sillers

Supervisor Signature: _____