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Signing Process Confirmation - CDX Activity ID: _e3d3103b-5c55-4d04-8a77-ff8b078e17b8

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	12/31/20	01/20/21

Parameter Code	Name	NODI	Value 1	Value 2	Quantity or Loading	Units	Value 1	Value 2	Value 3	Quality or Concentration	Units	# of Ex.	Freq. of Analysis	Smpl. Type
00610	Nitrogen, ammonia total [as N]	Req. <=3.3 Daily Average			Pounds per Day					Req Mon Single Grab	Milligrams per Liter	0	Weekly	GRAB
1 - Effluent Gross						lb/d					mg/L	0	01/07	GR
Season: 0		Req. <=0.83 Daily Average			Pounds per Day					<=2.0 Daily Average	Milligrams per Liter		Weekly	GRAB
NODI:		NODI												
00665	Phosphorus, total [as P]	Req. <=0.21 Daily Average			Pounds per Day					Req Mon Single Grab	Milligrams per Liter	0	01/07	GR
1 - Effluent Gross						lb/d					mg/L	0	01/07	GR
Season: 0		Req. <=0.21 Daily Average			Pounds per Day					<=0.5 Daily Average	Milligrams per Liter		Weekly	GRAB
NODI:		NODI												
50050	Flow, in conduit or thru treatment plant	Req. <=0.05 Daily Average			Million Gallons per Day					Req Mon Daily Maximum	Million Gallons per Day		Continuous	TOTALZ
1 - Effluent Gross						M/GD						0	99/99	TM
Season: 0		Req. <=0.05 Daily Average			Million Gallons per Day									
NODI:		NODI												
51040	E. coli	Req. <=2.1 Daily Average			Pounds per Day					Req Mon Single Grab	Milligrams per Liter	0	05/WK	GR
1 - Effluent Gross						lb/d					mg/L	0	01/07	GR
Season: 0		Req. <=2.1 Daily Average			Pounds per Day					<=126.0 Daily Average	Colony Forming Units per 100ml		Five Per Week	GRAB
NODI:		NODI												
80082	BOD, carbonaceous [5 day, 20 C]	Req. <=2.1 Daily Average			Pounds per Day					Req Mon Single Grab	Milligrams per Liter	0	01/07	GR
1 - Effluent Gross						lb/d					mg/L	0	01/07	GR
Season: 0		Req. <=2.1 Daily Average			Pounds per Day					<=5.0 Daily Average	Milligrams per Liter		Weekly	GRAB
NODI:		NODI												

Edit Check Errors

Code	Name	Monitoring Location	Season ID	Field	Type	Description	Acknowledge
51040	E. coli	Effluent Gross	0	Units	Soft	You have selected units that are different from the units established by your Regulatory Authority. Please contact your Regulatory Authority to discuss the selection of any alternative units.	<input checked="" type="checkbox"/>

DMR Comments

Comments

Attachments

No results.

Report Last Saved By

User:	deena@nwdls.com
Name:	Deena McDaniel
E-Mail:	deena@nwdls.com
Date/Time:	01/20/21 7:56 CST

Meyers Ranch Total Nitrogen - December 2020

Date	Flow	Nitrate	Nitrite	TKN	Total Nitrogen	lbs/day
12/3/2021	0.017	1.17	0.104	3.47	4.74	0.673
12/10/2021	0.019	2.4	0.05	1.12	3.57	0.566
12/17/2021	0.022	1.32	0.065	1.34	2.73	0.500
12/22/2021	0.018	5.54	0.092	3.36	8.99	1.350
12/31/2021	0.026	1.71	0.184	15.4	17.29	3.750

7.47 1.368
Max: 17.29



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

Meyer Ranch MUD - Non Potable

Reported:
 01/20/2021 07:54

Aeration

Sampled	Received	TSS
		mg/L
12/03 09:25	12/03 15:25	10600 [2]
12/10 09:50	12/10 15:15	10300
12/17 10:45	12/17 15:25	6550
12/22 10:25	12/22 16:20	9950
12/31 12:15	12/31 17:00	7450
Monthly Maximum Value:		10600
Monthly Average Value:		8970

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
12/01 09:35	12/01 14:30			<1.00								
12/02 09:20	12/02 13:50			<1.00								
12/03 09:15	12/03 15:25	<2.03 [3]	4.91	<1.00	3.00	0.104	1.17	7.23	0.0472	3.47	3.25	0.0170
12/04 09:40	12/04 15:05			<1.00								
12/07 09:45	12/07 14:45			<1.00								
12/08 08:00	12/08 13:40			<1.00								
12/09 09:50	12/09 15:50			<1.00								
12/10 09:40	12/10 15:15	<2.03 [5]	5.36	<1.00	0.157	<0.0500	2.40	7.30	0.0444	1.12	<1.00 [2]	0.0190
12/11 09:05	12/11 14:15			<1.00								
12/14 10:00	12/14 15:10			<1.00								
12/15 10:15	12/15 16:10			<1.00								
12/16 09:15	12/16 14:00			<1.00								
12/17 10:40	12/17 15:25	<2.40 [5]	5.76	<1.00 [1]	0.515	0.0650	1.32	7.28	0.728	1.34	7.25	0.0220
12/18 09:15	12/18 14:10			<1.00								
12/21 09:50	12/21 14:30			95.9								
12/22 10:20	12/22 16:20	<2.03 [3]	5.70	<1.00	4.32	0.0920	5.54	7.32	0.464	3.36	<1.00	0.0180
12/23 09:45	12/23 14:30			<1.00								
12/24 09:35	12/24 14:15			<1.00								
12/25 09:25	12/25 13:50			<1.00								
12/28 09:55	12/28 15:25			1.00								
12/29 09:40	12/29 14:15			<1.00								
12/30 09:30	12/30 14:50			22.2								
12/31 12:10	12/31 17:00	3.80 [3]	4.99	<1.00		0.184	1.71	7.34	1.13	15.4	<1.00	0.0260
Monthly Maximum Value:		3.8	5.76	95.9	4.32	0.184	5.54	7.34	1.13	15.4	7.25	0.026
Monthly Average Value:		2.46	5.34	1.4	2	0.099	2.43	7.29	0.483	4.94	2.7	0.0204



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 TCHQ T104704238-20-31
 TCBQ-TOX T104704202-20-14

Municipal Operations and Consulting 27316 Spectrum Way Oak Ridge, TX 77385	Meyer Ranch MUD - Non Potable	Reported: 01/20/2021 07:54
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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
12/03 09:30	12/03 15:25	575	300	81.8	9.30	1840	68.0
12/10 09:55	12/10 15:15	492	175 [3]	67.0	3.31	2430	38.0
12/17 10:50	12/17 15:25	377	103 [3]	48.8	4.98	1520	34.0
12/22 10:35	12/22 16:20	455	249 [3]		7.49	2080	44.0
12/31 12:20	12/31 17:00	486	404	72.0	10.2	1470	140
Monthly Maximum Value:		575	404	81.8	10.2	2430	140
Monthly Average Value:		477	246	67.4	7.05	1870	64.8

Meyers Ranch

December-20

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 lvi	Effluent pH	Turbidity NTU	DO Eff #1 .x	Alum lvi Inch	Alum Used (in)	Phos Residual
11/30/2020	2352	24	4016	0	18672	0	0	0.5	0.5	5.7	18.5	7.85	0.15		2.5		0.06
12/1/2020	2376	24	4043	27	18672	0	0	0.7	0.6	4.2	18.6	7.8	0.14		1	1.5	0.1
12/2/2020	2396	20	4066	23	18672	0	0	0.9	0.3	4.9	18.7	7.7	0.16		0	1	0.08
12/3/2020	2409	13	4083	17	18672	0	0	0.2	0.3	5.4	18.8	7.7	0.16		29.75	29.75	0.08
12/4/2020	2434	26	4107	24	18672	0	0	0.4	0.4	4.6	18.9	7.7	0.19		27.75	2	0.01
12/5/2020	2454	20	4128.6	21.6	18672	0	0	0.3	0.3						26.16	1.59	
12/6/2020	2474	20	4150.3	21.7	18672	0	0	0.4	0.3						24.58	1.58	
12/7/2020	2495	21	4172	21.7	18672	0	0	0.4	0.3	4.1	19.2		0.19		23	1.58	0.03
12/8/2020	2516	21	4192	20	18672	0	0	0.3	0.3	7	19.3	7.73	0.16		21.25	1.75	0.03
12/9/2020	2536	20	4217	25	18716	44	0	0.4	0.4	4.2	19.1	7.7	0.16		19.5	1.75	0.05
12/10/2020	2558	22	4238	21	18756	40	0	0.3	0.3	4.7	18.9	7.43	0.16		17	2.5	0.06
12/11/2020	2577	19	4261	23	18826	70	0	0.4	0.3	5	18.6	7.68	0.14		15.75	1.25	0.05
12/12/2020	2600	23	4284	23	18826	0	0	0.3	0.3						14.16	1.59	
12/13/2020	2623	34	4307	23	18826	0	0	0.3	0.3						12.58	1.58	
12/14/2020	2646	23	4330	23	18826	0	0	0.4	0.4	6.6	18.9	7.73	0.19		11	1.58	0.09
12/15/2020	2668	22	4352	22	18826	0	0	0.4	0.2	9	19.1	7.7	0.19		9.75	0	0.09
12/16/2020	2691	23	4377	25	18845	19	0	0.4	0.4	5.9	19	7.69	0.19		8.5	1.25	0.03
12/17/2020	2708	17	4397	20	18847	2	0	0.4	0.3	5.6	19.1	7.65	0.2		7.5	1	0.04
12/18/2020	2729	21	4420	23	18850	3	0	0.5	0.4	6.1	19.2	7.72	0.2		6.25	1.25	0.01
12/19/2020	2750	21	4445.3	25.3	18850	0	0	0.3	0.3						5.5	0.75	
12/20/2020	2772	22	4470.6	25.3	18850	0	0	0.3	0.4						4.75	0.75	
12/21/2020	2794	22	4496	25.4	18850	0	0	0.4	0.4	5.3	19.5	7.72	0.2		4	0.75	0.01
12/22/2020	2818	24	4519	23	18898	48	0	0.3	0.4	4.9	19.4	7.34	0.2	5.7	3	1	0.03
12/23/2020	2842	24	4545	26	18950	52	0	0.5	0.3	4.2	19.1	7.65	0.2		26	23	0.03
12/24/2020	2863	21	4570	25	19003	53	0	0.4	0.4	6.8	18.9	7.68	0.19		24.5	1.5	0.03
12/25/2020	2891	28	4600	30	19003	0	0	0.4	0.4	6	19	7.65	0.15		23.5	1	0.03
12/26/2020	2912	21	4622	22	19003	0	0	0.3	0.3						22.33	1.17	
12/27/2020	2934	22	4644	22	19003	0	0	0.3	0.3						21.16	1.17	
12/28/2020	2956	22	4666	22	19003	0	0	0.3	0.3	5.6	19.2	7.75	0.3		20	1.16	0.01
12/29/2020	2978	22	4687	21	19184	181	0	0.3	0.3	5.9	18.4	7.61	0.3		18	2	0.02
12/30/2020	2988	10	4698	11	19314	130	0	0.1	0.2	6.1	17.6	7.59	0.3		16	2	0.02
12/31/2020	3022		4812		19389		0	4.5	0.3	4.9	17.4	7.49	0.3		14		0.02

Total Flow Gallons: 647,000
 Daily Average (0.06 MGD): 21,567
 Daily Peak Flow: 34,000
 2 Hour Peak In GPM (139): No Flow Chart Yet

Min. PH: 7.34
 Max. PH: 7.80
 Max Turbidity: 0.3
 Min Turbidity: 0.14

Min D.O.: 5.70
 Max D.O.: 5.70
 Total Alum: 90.75

Supervising Operator: Bo Brewer Supervisor Signature: _____