



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

November 22, 2024

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4th Floor
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411

Dear Ms. Dennis:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period October 1st through October 31st, 2024, are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 30-day Fecal, 7-day Fecal, 30-day BOD, 7-day BOD, 30-day TSS, 7-day TSS, TSS and BOD percent removal reporting requirements.

MSD operates solids dewatering at both Hite Creek and Derek Guthrie WQTC's. Overall, this has reduced the solids loading to the Morris Forman plant. However, compromised solids handling equipment at Morris Forman continue to contribute to our effluent exceedances. Morris Forman currently has several process improvement projects in progress. The Dryer replacement project has been completed and is being commissioned, A Dissolved Air Flotation Thickening (DAFT) rehabilitation design is being finalized, demolition continues to make way for the Thermal Hydrolysis Process (THP), and due to Primary Sedimentation Project, we have reduced plant flow and are utilizing the Secondary bypass channel for the work necessary to complete the improvements to the Primary Effluent channels. Sedimentation Basin 3 and 4 with installation of new valves and gates was completed in late October 2024. Improvements to Sedimentation Basin 1 and 2 with installation of new valves and gates begin in early November 2024 and will continue thru October 2025. The work is time sensitive and dry weather dependent. Batteries B and C are currently back in service, and Battery A is being prepped to take out of service for repairs. The plant capacity is limited to 120 MGD, additional modification will be utilized that may allow additional capacity to be increased up to 140 MGD.

Should you have any questions, please contact me at (502) 540-6765.

Sincerely,



James Skinner
Treatment Facilities Manager

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (ML)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE							AERATION BASIN							ACTIVE		CHLORINATION			FINAL EFFLUENT	
																														Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours
	Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	prim. final	final	FLOW MG	TSS g/L	TVSS g/L	D.O mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours						
10/1/24	91.95	91.95	0.00	73	73	7.2	6.7	0.3	0.1	130	58	6.4	195	154	34	22.0	5.8	4.7	17.6	1.3	0.9	77	33	0.4	0.1	1.00	0.016	2900	7.4	0						
10/2/24	87.24	87.24	0.00	72	72	7.1	6.8	6.5	0.3	307	67	4.0	287	181	48	22.3	4.9	4.0	14.7	1.1	0.9	123	37	0.4	0.1	0.98	0.016	4200	9.3	0						
10/3/24	83.15	83.15	0.00	71	71	7.1	6.7	9	0.4	452	102	4.0	481	261	79	22.1	5.7	4.9	10.7	1.2	1.1	82	36	0.3	0.2	1.19	0.016	600	8.1	0						
10/4/24	66.83	66.83	0.00	74	74	7.2	7	10.0	2.5	308	172	3.3	486	309	146	22.2	6.1	5.2	2.7	1.7	1.5	190	37	0.1	0.1	1.10	0.016	60000	6.7	0						
10/5/24	69.72	69.72	0.00	74	74	7.1	6.7	7.5	0.9	266	160	6.1	476	328	131	22.2	6.2	5.5	2.2	1.6	1.4	129	53	0.0	0.1	1.32	0.016	60000	5.8	0						
10/6/24	56.47	56.47	0.00	74	74	7.1	6.5	8.0	9.0	236	252	4.6	397	285	172	22.3	7.1	6.5	1.3	2.0	1.9	203	77	0.0	0.1	1.34	0.016	60000	4.0	0						
10/7/24	54.79	54.79	0.00	74	74	7.2	6.5	10.0	8.0	404	248	4.4	439	271	164	22.4	7.3	5.8	2.4	6.8	5.6	213	36	0.0	0.1	1.76	0.016	14400	7.7	0						
10/8/24	52.61	52.61	0.00	72	72	7.0	6.6	10.0	10.0	332	192	5.2	474	337	125	21.9	6.0	5.5	0.8	2.3	2.1	229	90	0.6	0.1	1.79	0.016	481	10.9	0						
10/9/24	52.52	52.52	0.00	74	74	6.9	6.6	12.0	3.7	426	160	6.6	586	423	155	21.4	8.7	7.6	0.4	2.5	2.3	261	97	1.1	0.1	1.81	0.016	1820	11.1	0						
10/10/24	53.78	53.78	0.00	73	73	6.9	6.6	12.0	0.9	420	93	5.3	705	495	132	21.3	9.9	8.8	0.2	3.1	2.7	277	87	0.7	0.4	1.93	0.016	1040	14.7	0						
10/11/24	51.76	51.76	0.00	73	73	6.8	6.5	15.0	7.0	480	212	5.2	1500	546	151	22.1	11.6	10.2	0.2	3.1	2.7	347	109	0.2	0.1	1.80	0.016	5120	16.1	0						
10/12/24	49.44	49.44	0.00	73	73	6.7	6.4	9.0	15.0	396	308	4.8	759	572	205	22.5	12.1	10.6	0.3	3.3	3.0	449	132	0.0	0.1	1.70	0.016	60000	13.0	0						
10/13/24	48.39	48.39	0.00	73	73	7.5	6.6	8.0	18.0	220	292	3.6	282	304	150	23.1	11.6	10.5	0.6	3.3	2.9	396	120	0.0	0.1	1.65	0.016	60000	6.6	0						
10/14/24	50.24	50.24	0.00	71	71	7.2	6.5	6.5	14.0	218	312	4.2	402	363	171	23.1	10.7	9.1	3.3	3.5	3.0	432	122	0.2	0.1	1.67	0.016	60000	21.9	0						
10/15/24	51.39	51.39	0.00	70	70	7.2	6.6	10.0	10.0	344	264	4.4	536	490	169	22.7	12.6	10.7	0.9	4.0	3.5	412	101	0.8	0.3	1.73	0.016	317	18.3	0						
10/16/24	50.46	50.46	0.00	65	65	6.9	6.6	13.0	12.0	412	268	4.9	479	313	138	22.2	11.1	9.7	0.8	3.2	2.8	443	135	1.0	0.3	1.71	0.016	20200	22.3	0						
10/17/24	48.63	48.63	0.00	70	70	6.8	6.6	12.0	15.0	412	308	4.8	535	402	157	22.7	10.8	9.3	1.0	3.9	3.4	430	132	0.5	0.5	1.78	0.016	132	20.5	0						
10/18/24	47.81	47.81	0.00	65	65	6.9	6.5	6.5	4.2	260	236	4.5	600	448	133	22.9	10.1	8.9	0.8	3.3	2.9	489	151	0.2	0.3	1.87	0.016	460	16.8	0						
10/19/24	45.51	45.51	0.00	69	69	7.1	6.5	8.7	21.0	327	352	5.4	594	437	121	21.4	10.6	9.3	0.6	4.2	3.6	543	136	0.0	0.0	1.75	0.016	60000	10.9	0						
10/20/24	44.65	44.65	0.00	69	69	6.9	6.6	8.0	15.0	274	384	4.5	455	334	172	20.4	10.9	9.5	0.9	3.4	2.9	504	126	0.0	0.0	1.73	0.016	32300	10.2	0						
10/21/24	49.07	49.07	0.00	70	70	7.1	6.5	8.5	7.5	140	433	4.5	421	308	169	19.3	9.7	8.5	1.0	4.2	3.4	488	117	0.4	0.2	1.86	0.016	6800	9.6	0						
10/22/24	49.04	49.04	0.00	71	71	6.9	6.7	10.0	0.8	520	216	4.0	539	364	120	21.3	10.9	9.8	3.0	2.3	2.0	317	133	1.0	0.3	1.87	0.016	128000	20.0	0						
10/23/24	48.46	48.46	0.00	74	74	7.1	6.7	2.5	0.1	208	240	4.1	372	302	236	29.1	8.7	8.0	1.6	4.2	3.8	488	115	0.6	0.3	1.90	0.016	4400	19.1	0						
10/24/24	45.90	45.90	0.00	71	71	7.0	6.6	2.5	8.5	306	220	5.1	532	379	155	29.1	9.2	7.9	1.2	3.9	3.1	428	111	0.6	0.4	1.79	0.016	5000	15.9	0						
10/25/24	48.64	48.64	0.00	72	72	6.9	6.6	11.0	1.0	372	188	6.2	616	445	101	26.4	8.3	7.3	0.8	3.5	3.1	469	135	0.8	0.5	1.62	0.016	124	18.3	0						
10/26/24	44.01	44.01	0.00	73	73	7.2	6.5	11.0	2.3	272	224	6.0	391	308	103	26.6	10.0	8.5	0.6	3.8	3.3	618	163	0.0	0.2	1.30	0.016	960	9.5	0						
10/27/24	44.54	44.54	0.00	66	66	7.0	6.4	8.0	0.7	194	153	5.4	307	285	117	26.7	7.9	6.8	3.3	3.4	2.9	513	152	0.0	0.0	1.30	0.016	480	4.1	0						
10/28/24	48.72	48.72	0.00	69	69	7.2	6.4	10.0	0.8	320	175	3.9	400	288	89	25.8	6.2	5.6	3.8	3.2	2.8	730	131	0.4	0.1	1.38	0.016	236	7.4	0						
10/29/24	51.09	51.09	0.00	73	73	6.9	6.7	10.0	0.5	356	140	5.6	446	343	74	23.9	8.5	7.5	2.6	2.5	2.2	576	237	1.1	0.4	1.45	0.016	104	20.3	0						
10/30/24	49.50	49.50	0.00	71	71	7.0	6.6	13.0	0.5	424	122	5.4	465	328	77	23.6	7.9	6.9	3.2	2.6	2.2	427	184	1.1	0.4	1.40	0.016	52	21.4	0						
10/31/24	77.44	77.44	0.00	74	74	6.9	6.6	14.0	7.0	428	230	5.2	419	331	121	23.7	7.7	6.8	2.0	2.6	2.3	431	167	0.6	0.3	1.83	0.016	291	22.6	0						
SUM	1713.8	1713.8	0.0													718.6								13.0	6.3						0.0					
Average	55.3	55.3	0.0	71	71	7.0	6.6	9.1	6.3	328	219	4.9	502	353	133	23.2	8.9	7.7	2.8	3.1	2.7	378	113	0.4	0.2	1.59	0.016	3245	13.2							

SEWER CONNECTIONS 148740 TIMES 4 = 594960 SEWER POPULATION IND. WASTER POPULATION EQ
148537 CUSTOMERS 403
FLOW 405 -68462
BOD 767730
TSS 124879

Authorized Agent

Certification No. 29841

MORRIS FORMAN WASTEWATER TREATMENT PLANT		JEFFERSON COUNTY, KY			
Month of		Oct-24			
Average Flow					
SETTLING TANKS	Primary	Secondary			
		Battery A	Battery B	Battery C	
Average Flow (MGD)	54.54	17.98	9.76		6.01
Tanks in Service	2.00	8.0	7.9		4.0
Surface Area (Ft.2)	38500.00	69200.00	68128.09		34600.00
Volume (MG)	4.17	7.09	6.98		3.54
Weir Length (Ft.)	1430.00	2868.00	2823.57		1434.00
Avg. Weir Overflow (GPD/Ft)	38142.42	6267.72	3458.22		4193.01
Avg. Settling Rate (GPD/Ft2)	1416.72	418.94	266.24		282.53
Avg. Detention Time	1.83	9.46	17.15		14.15
AERATION TANKS		Battery A	Battery B	Battery C	
Volume (Gallons)		4200000	4200000		2100000
Avg. Flow (MGD)		28.99	18.14		9.78
Avg. Detention Time (Hours)		5.61	10.32		8.38
CHLORINE CONTACT CHAMBERS					
Contact Chambers in Use	3.0				
Volume (Gallons)	3510000				
Avg. Detention Time (Hours)	2.34				
Remarks: BY-PASS REPORTS (See Attached)					

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:

KY0022411

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

Morris Forman WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-1
MUNICIPAL DISCHARGE

Facility:

MORRIS FORMAN WQTC MSD

Facility Location:

4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Report Dates & Status

Monitoring Period:

From 10/01/24 to 10/31/24

DMR Due Date:

11/28/24

Status:

NetDMR Validated

Considerations for Form Completion

G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

First Name:

James A

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	3.3					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	2.0 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	54262.0	=	66443.0	26 - lb/d			=	122.0	=	156.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	225886.0	=	289084.0	26 - lb/d			=	502.0	=	673.0	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.4			=	7.0	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI															
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	105186.0	=	133064.0	26 - lb/d			=	240.0	=	333.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	150798.0	=	179800.0	26 - lb/d			=	328.0	=	356.0	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	6242.0	=	6615.0	26 - lb/d			=	13.7	=	16.2	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	20.0 MO AVG	<=	30.0 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	7143.0	=	7621.0	26 - lb/d			=	16.1	=	18.9	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	55.28	=	72.88	03 - MGD								0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	CN - CONTIN
					Value NODI															
					Sample										<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB

50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.												<=	0.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB			
					Value NODI																				
X 74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample											=	3245.0	=	11245.0	13 - #/100mL	2	01/01 - Daily	GR - GRAB		
					Permit Req.																		01/01 - Daily	GR - GRAB	
					Value NODI																				
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample											=	76.0			23 - %	1	01/30 - Monthly	CA - CALCTD		
					Permit Req.																		23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI																				
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample											=	27.0			23 - %	1	01/30 - Monthly	CA - CALCTD		
					Permit Req.																		23 - %	01/30 - Monthly	CA - CALCTD
					Value 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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
81010	BOD, 5-day, percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

There were no bypasses/discharges for Morris Forman Treatment Plant this month. Thus, no discharge report is attached.

Attachments

Name	Type	Size
MFWQTCMOR10024.pdf	pdf	118187.0
MFWQTCCoverLetterOct24.pdf	pdf	62514.0

Report Last Saved By

Morris Forman WQTC MSD

User:	AJOP1117
Name:	Amber Pauly
E-Mail:	amber.pauly@louisvillemSD.org
Date/Time:	2024-11-19 13:01 (Time Zone: -05:00)

Report Last Signed By

User:	SKINNER@LOUISVILLEMSD.ORG
Name:	James skinner
E-Mail:	james.skinner@louisvillemSD.org
Date/Time:	2024-11-20 07:10 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:

KY0022411

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

Morris Forman WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-B
SECONDARY BYPASS

Facility:

MORRIS FORMAN WQTC MSD

Facility Location:

4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Report Dates & Status

Monitoring Period:

From 10/01/24 to 10/31/24

DMR Due Date:

11/28/24

Status:

NetDMR Validated

Considerations for Form Completion

MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

Principal Executive Officer

First Name:

James A

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample Permit Req. Value NODI										Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	19 - mg/L		WH/DS - When Discharging CP - COMPOS
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		Req Mon MX WK AV C - No Discharge	03 - MGD										WH/DS - When Discharging CN - CONTIN

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

Due to construction and limited plant capacity no secondary bypass occurred.

Attachments

No attachments.

Report Last Saved By

Morris Forman WQTC MSD

User: AJOP1117
Name: Amber Pauly
E-Mail: amber.pauly@louisvillemsd.org
Date/Time: 2024-11-19 12:24 (Time Zone: -05:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG
Name: James skinner
E-Mail: james.skinner@louisvillemsd.org
Date/Time: 2024-11-20 07:11 (Time Zone: -05:00)