



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

May 20, 2015

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Timber Lake WQTC; KPDES No.: KY 0043087
Discharge Monitoring Report for April 2015**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timber Lake WQTC; KPDES No.: KY0043087 for the month of April.

Because of a flooding event caused by a record amount of rainfall during the month of April, MSD was unable to obtain the third week of effluent sampling at this plant. At some point on or about the 15th of the month, Harrods Creek exceeded its banks backed up into the plant's effluent line and into the contact chamber. The water did not recede and the contact chamber was flooded until the 19th. Because of the flooding of the effluent line and contact chamber, it was not possible to obtain accurate samples of the effluent. After the creek receded, a plant outage was scheduled on the 21st and had contractors cleaned the silt and debris from the contact chamber. After this was done, sampling immediately resumed on the 22nd.

There were no exceedences, bypasses or overflow reports for the month of April.

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,

John Kessel
Process Supervisor, West region

JK/ TimberLake 4/15

Enclosures

CC T. Singleton
R. Shaw
C.Roth



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51040	E. coli	1 - Effluent Gross0	--	Sample	=	6	=	179	13 - #/100mL	0	03/30 - Three Per Month	GR - GRAB
				Permit Req.	<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB
				Value NODI								
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross0	--	Sample	=	9.4	=	15	26 - lb/d	0	03/30 - Three Per Month	CP - COMPOS
				Permit Req.	<=	16.7 30DA AVG	<=	25 DAILY MX	26 - lb/d		01/07 - Weekly	24 - COMP24
				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

No errors.

Comments

Attachments

Name	Type	Size
Timberlake_MOR_042015.pdf	pdf	32564
Timberlake_cover_042015.pdf	pdf	58398

Report Last Saved By

TIMBERLAKE WQTC MSD

User: kessel@louisvillemsd.org | Date/Time: 2015-05-22 13:35 (Time Zone: -04:00)
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org

Timberlake

Timberlake		Report for		Apr-15		Tot. Exc.		0		(Influent data below.)						
Tot. Flow= 10.5678				Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rer	BOD Rer	D.O.	p.H.	TRC	
4/1/15	0.082	10	14	0.78		6.844	9.581	0.534	0.364	21.510	0.95	0.93	9.1	6.9	0.01	
4/2/15	0.105				1								9	7	0.01	
4/3/15	0.470												8.1	6.7	0.01	
4/4/15	0.135												7	6.3	0.01	
4/5/15	0.110												7.9	6.5	0.01	
4/6/15	0.103												8	6.7	0.01	
4/7/15	0.936												7.9	6.9	0.01	
4/8/15	0.351	4	5	0.39		11.715	14.643	1.142	0.073	14.290	0.99	0.97	7.2	6.8	0.01	
4/9/15	0.141				179								7.8	6.9	0.01	
4/10/15	0.133												7.9	6.9	0.01	
4/11/15	0.114												7.7	7	0.01	
4/12/15	0.105												7.9	7.1	0.01	
4/13/15	0.127												7.7	7.2	0.01	
4/14/15	0.413												8.9	7.5	0.01	
4/15/15	1.083												8.5	7.6	0.01	
4/16/15	1.616														0.01	
4/17/15	1.616														0.01	
4/18/15	1.611															
4/19/15	0.258												7.6	7.1	0.01	
4/20/15	0.130												7.7	7.2	0.01	
4/21/15	0.098												7.5	7.1	0.01	
4/22/15	0.099	5	5	0.39		4.122	4.122	0.322	0.114	18.610	0.98	0.97	8.3	7.2	0.01	
4/23/15	0.092				1								7.4	7.1	0.01	
4/24/15	0.090												8	7.2	0.01	
4/25/15	0.109												8.3	7.3	0.01	
4/26/15	0.098												8.3	7.3	0.01	
4/27/15	0.092												8.5	7.2	0.01	
4/28/15	0.087												9.5	7.3	0.01	
4/29/15	0.075								0.170				9.3	7.3	0.01	
4/30/15	0.089												9	7.7	0.01	
5/1/15																
Average	0.352	6	8	0.5	5.64	8	9.449	0.67	0.2	18.14	97%	96%	8.15	7	0.01	
Maximum	1.616	10	14	0.8	179.00	12	14.643	1.1	0.4	21.51			9.50	8	0.01	
Exceed.	9	0	0	0	0	0	0	0			0	0				
		0	0	0	0	0	0	0								