



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

January 8, 2016

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Starview WQTC; KPDES No.: KY0031712
Discharge Monitoring Report – December 2015.

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of December 2015.

There were no exceedences.

Also attached is a bypass letter and overflow report.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7574.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kevin Thompson", is written over the word "Sincerely,".

Kevin Thompson
Process Supervisor Central Region

KLТ/Starview 12.15

Enclosures

cc: R. Shaw
T. Singleton



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit

Permit #:

KY0031712

Major:

No

Permittee:

STARVIEW WQTC MSD

Permittee Address:

423 BERMUDA WAY
LOUISVILLE, KY 40243

Facility:

STARVIEW WQTC MSD

Facility Location:

423 BERMUDA WAY
LOUISVILLE, KY 40243

Permitted Feature:

001
External Outfall

Discharge:

001-1
DOMESTIC

Report Dates & Status

Monitoring Period:

From 12/01/15 to 12/31/15

DMR Due Date:

01/28/16

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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

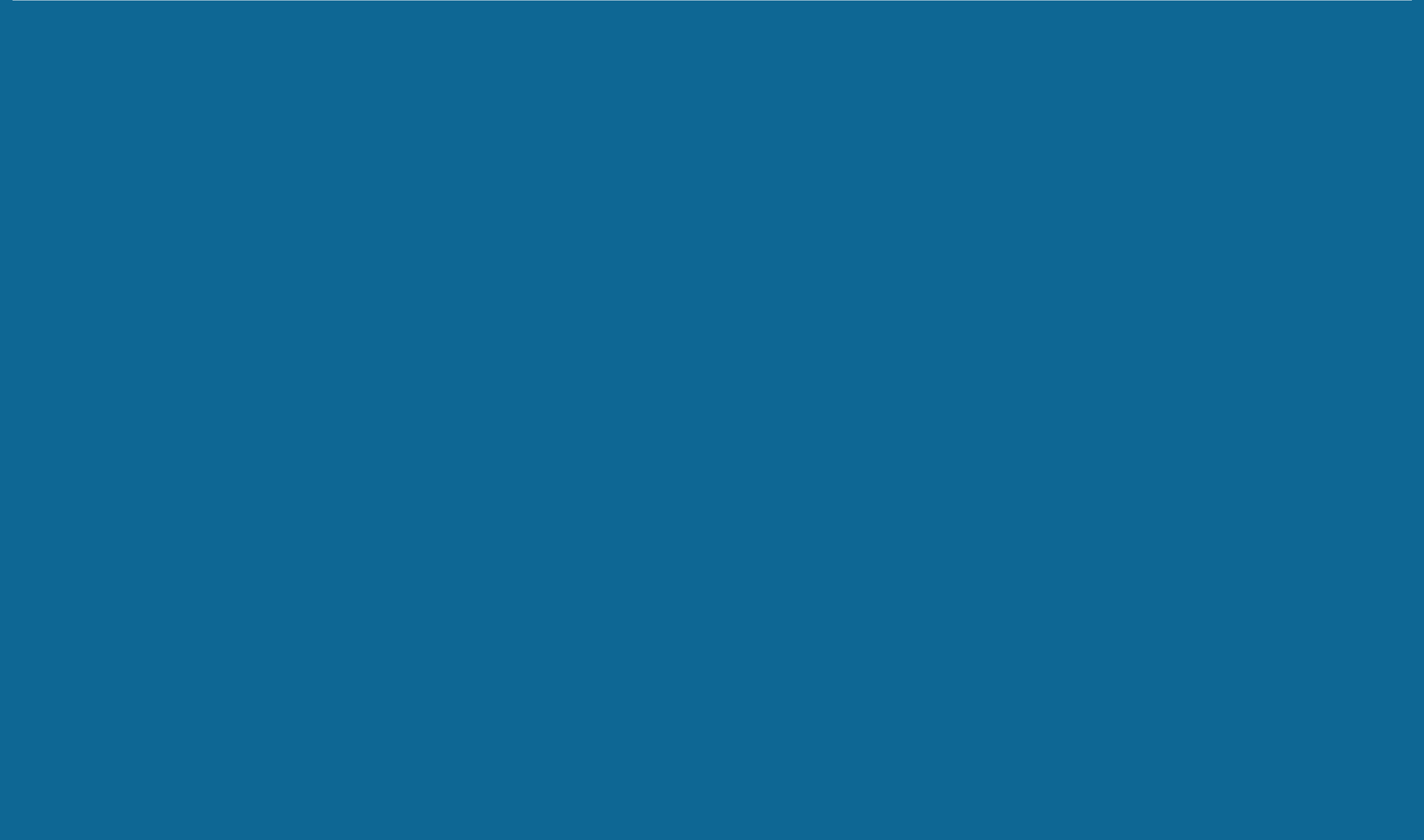
No errors.

Comments

Attachments

Name	Type	Size
2015_12_Starview_Coverletter.pdf	pdf	451403
201512_Starview_Bypassletter.pdf	pdf	669843
201512_Starview_MOR.pdf	pdf	409522
2015_12_Starview_OverflowReport.pdf	pdf	96630

Report Last Saved By



Starview	Report for	Dec-15		Tot. Exc.= 0									
Tot. Flow=	2.97818	Concentrations											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
12/1/15	0.314									7	6.1	0.01	
12/2/15	0.130									7.4	6.9	0.01	
12/3/15	0.080									7.6	6.9	0.01	
12/4/15	0.069									7.6	6.5	0.01	
12/5/15	0.066									7.8	6.3	0.01	
12/6/15	0.064									7.9	6.3	0.01	
12/7/15	0.056									7.6	6.1	0.01	
12/8/15	0.042	3	2	0.28		1.063	0.709	0.099	1.88	8.1	6.3	0.01	11.37
12/9/15	0.043				1					7.9	6.4	0.01	
12/10/15	0.040									8	6.3	0.01	
12/11/15	0.037									8.2	6.6	0.01	
12/12/15	0.041									8	7.1	0.01	
12/13/15	0.044									8.9	6.8	0.01	
12/14/15	0.059									8.6	6.7	0.01	
12/15/15	0.057									7.8	6.3	0.01	
12/16/15	0.047									9.2	6.2	0.01	
12/17/15	0.038									8.8	6.1	0.01	
12/18/15	0.033									9	6.3	0.01	
12/19/15	0.037									8.8	6.2	0.01	
12/20/15	0.037									9.6	6.2	0.01	
12/21/15	0.037									8.7	6.3	0.01	
12/22/15	0.134									8.8	6.3	0.01	
12/23/15	0.109									9.1	6.2	0.01	
12/24/15	0.151									8.4	7.1	0.01	
12/25/15	0.105									8.2	7.2	0.01	
12/26/15	0.109									8	6.7	0.01	
12/27/15	0.244									7.8	7.3	0.01	
12/28/15	0.306									7.8	7.3	0.01	
12/29/15	0.223									7	6.6	0.01	
12/30/15	0.133									7	6.6	0.01	
12/31/15	0.093									9	6.4	0.01	
Average	0.096	3	2	0.3	1.00	1	0.709	0.10	1.9	8.18	7	0.01	11.37
Maximum	0.314	3	2	0.3	1.00	1	0.709	0.1	1.9	9.60	7	0.01	11.37



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December 02, 2015

Mr. Charlie Roth, District Supervisor
KY Division of Water
Louisville Regional Office
9116 Leesgate Road
Louisville, KY 40222-5084

Re: Bypass Report for the: Starview WQTC- KPDES Permit: KY0031712

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on December 01, 2015, referencing Work Order 2467165 as a bypass. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: The characteristic of this rain event precipitated a larger amount of rain than previously forecasted. We were unable to mobilize staff to the Starview Treatment facility before the bypass occurred. Upon arrival, due to the increased flow rates, the operator found biosolids bypassing secondary treatment. The plant operator immediately turned off the blowers to the aeration tanks and allowed the biosolids to settle which stopped the bypass. The total bypassed volume 17,000 gallons received full disinfection and dechlorination treatment. The design flow is 0.100 MGD with a peak flow rate of 0.336 MG. The 24 hour flow was 0.314 MGD.
- Period of noncompliance: Starting 08:20 AM on December 01, 2015 and stopping 10:00 AM on December 01, 2015.
- Steps taken or planned to reduce, eliminate and prevent recurrence: This Plant is to be eliminated within the next few months.
- Additional comments: Plant is to be eliminated. MSD personnel cleaned the contact tank.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7574, my cell phone at (502)-475-2224 or via email at kevin.thompson@louisvillemsd.org.

Sincerely,

Kevin Thompson
Process Supervisor-Operations

cc: Courtney Seitz, KDEP
Paula Purifoy, MSD



Report Selections: Period: 12/01/2015 00:00 thru 12/31/2015 23:59, treatment Plant: MSD0247 STARVIEW, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0031712	MSD0247	STARVIEW	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0247	423 BERMUDA WAY		CHENOWETH RUN	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2467165		12/01/2015	THOMPSON	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	12/01/2015	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	12/01/15 10:00 AM	

Discharge Reporting:

Discharge Amount:	17,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	DUE TO HIGH FLOW IN CREEK NO CLEAN UP NEEDED
Control Zone:	SIGNS
Impact:	SOLIDS
Repair:	OPERATOR TURNED AIR OFF TO STOP BYPASSING OVER WEIR
Public Notification:	SIGNS

Notifications:

11/23/15 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/23/15 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 1

Total Work Orders Printed: 1