MSD
Metropolitan Sewer District

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

September 9, 2014

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

Re: MSD Metro Operations
Hunting Creek South WQTC; KPDES No.: KY 0029114
Discharge Monitoring Report for August 2014

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC; KPDES No.: KY0029114 for the month of August 2014.

There were no exceedances, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5856.

Sincerely,

John Kessel
Process Supervisor

JK/Hunting Creek South 08/14

Enclosures

CC T. Singleton
R. Shaw

DMR Copy of Record

Permit					
Permit #:	**KY0029114**	**Permittee:**	HUNTING CREEK S WQTC MSD	**Facility:**	HUNTING CREEK S WQTC MSD
Major:	No	**Permittee Address:**	6530 MONTERO DR PROSPECT, KY 40059	**Facility Location:**	6530 MONTERO DR PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	**Discharge:**	**001-1** MUNICIPAL DISCHARGE		
Report Dates & Status					
Monitoring Period:	**From 08/01/14 to 08/31/14**	**DMR Due Date:**	**09/28/14**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Greg	**Title:**	Exec Director	**Telephone:**	502-540-6000
Last Name:	Hetizman				
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						=	8					19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.						>=	7 INST MIN					19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7			=	7	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	8.06	=	13.01	26 - lb/d			=	6	=	7	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	62.84 30DA AVG	<=	94.26 DAILY MX	26 - lb/d			<=	30 30DA AVG	<=	45 DAILY MX	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	26	=	30	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.16	=	0.21	26 - lb/d			=	0.1	=	0.2	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	4.19 30DA AVG	<=	6.28 DAILY MX	26 - lb/d			<=	2 30DA AVG	<=	3 DAILY MX	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample															
					Permit Req.	<=	10.5 30DA AVG	<=	15.71 DAILY MX	26 - lb/d			<=	5 30DA AVG	<=	7.5 DAILY MX	19 - mg/L		01/07 - Weekly	24 - COMP24
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0.2	=	0.3	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.								<=	1 30DA AVG	<=	2 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.148	=	0.223	03 - MGD									99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD								0	01/07 - Weekly	IN - INSTAN
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.01	<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.								<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
					Sample								=	1	=	3	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Permit												13 -			

51040	E. coli	1 - Effluent Gross	0	--	Req.								<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.4	=	4.85	26 - lb/d			=	3	=	4	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	20.9 30DA AVG	<=	31.42 DAILY MX	26 - lb/d			<=	10 30DA AVG	<=	15 DAILY MX	19 - mg/L	0	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
HuntingCreekSouth_Cover_082014.pdf	pdf	14398
HuntCreekSouth_MOR_082014.pdf	pdf	11134

Report Last Saved By

HUNTING CREEK S WQTC MSD

User:	wrightd	Date/Time:	2014-12-16 09:22 (Time Zone: -05:00)
Name:	Duane Wright		
E-Mail:	duane.wright@louisvillemsd.org		

Hunting Creek South

Hunting Cr. So.		Report for	**Aug-14**		Tot. Exc.=	0	(Influent data below.)					
Tot. Flow=	4.57534		Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem
8/1/14	0.10695											
8/2/14	0.11742											
8/3/14	0.12242											
8/4/14	0.11479	5	2	0.170		4.787	1.915	0.163	0.100	26.550	0.979166667	0.989010989
8/5/14	0.11247				3							
8/6/14	0.11183											
8/7/14	0.11785											
8/8/14	0.15235											
8/9/14	0.16314											
8/10/14	0.18096											
8/11/14	0.17843	4	2	0.110		5.952	2.976	0.164	0.167	27.130	0.982758621	0.98540146
8/12/14	0.1348				1							
8/13/14	0.11948											
8/14/14	0.12327											
8/15/14	0.10965											
8/16/14	0.12281											
8/17/14	0.20041											
8/18/14	0.22283	7	2	0.056		13.009	3.717	0.104	0.112	29.940	0.961956522	0.984251969
8/19/14	0.15755				1							
8/20/14	0.12432											
8/21/14	0.13876											
8/22/14	0.13343											
8/23/14	0.16352											
8/24/14	0.16821											
8/25/14	0.14529	7	4	0.170		8.482	4.847	0.206	0.274	21.910	0.949275362	0.97080292
8/26/14	0.12171				1							
8/27/14	0.17652											
8/28/14	0.20138											
8/29/14	0.15701											
8/30/14	0.17262											
8/31/14	0.20316											
Average	0.148	5.75	2.50	0.1	1.32	8	3.364	0.16	0.2	26.38	97%	98%
Maximum	0.223	7.00	4.00	0.17	3.00	13	4.847	0.2	0.3	29.94		
Exceed.	0	0	0	0	0	0	0	0	0		0	0

Hunting Creek South

D.O.	p.H.	TRC
8.4	7.2	0.01
8.2	7.3	0.01
8.4	7	0.01
8.7	7.2	0.01
8.5	7.3	0.01
8	7.1	0.01
8.2	7.2	0.01
8.7	7.4	0.01
8.5	7.3	0.01
8.2	7.2	0.01
8.2	7.2	0.01
8.1	7.4	0.01
8.1	7.4	0.01
8.1	7.4	0.01
8.3	7.3	0.01
8	7.3	0.01
8.3	7.4	0.01
8	7.4	0.01
7.9	7.2	0.01
7.9	7.2	0.01
8	7.3	0.01
8	7.3	0.01
7.8	7.2	0.01
8.1	7.4	0.01
8.1	7.4	0.01
8	7.3	0.01
8	7.3	0.01
8	7.3	0.01
8.2	7.4	0.01
8.1	7.3	0.01
8.000	7.200	0.010
8.16	7	0.01
8.700	7	0.010