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

September 15, 2012

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

Re: MSD Metro Operations
Shadow Wood WQTC; KPDES No.: KY0031810
Discharge Monitoring Reports for August 2012.

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Shadow Wood WQTC; KPDES No.: KY0031810 for the month of August 2012.

There were no exceedences, overflows or bypasses to reports for this month.

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

Sincerely,

Kevin Thompson
Process Supervisor, East Region

KT/Shadow Wood 08/12.

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME: SHADOWWOOD WQTC
ADDRESS: 5512 HITT LN
LOUISVILLE, KY 40241
FACILITY: SHADOWWOOD WQTC
LOCATION: 5497 FOREST LAKE DR
LOUISVILLE, KY 40059

ATTN: MARION M GEE

KY0031810	001-1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	08/01/2012	TO	08/31/2012

DMR Mailing ZIP CODE: 40241
MINOR
(SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	8	******	******		0	1/1	GR
	PERMIT REQUIREMENT	******	******	******	7 INST MIN	******	******	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	8	******	9		0	1/1	GR
	PERMIT REQUIREMENT	******	******	******	6 MINIMUM	******	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	6.1	8.5		******	26	38		0	1/7	CP
	PERMIT REQUIREMENT	21.3 30DA AVG	42.6 DAILY MX	lb/d	******	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N) 00610 1 1 Effluent Gross	SAMPLE MEASUREMENT	0.12	0.25		******	0.5	1		0	1/7	CP
	PERMIT REQUIREMENT	1.42 30DA AVG	2.84 DAILY MX	lb/d	******	2 30DA AVG	4 DAILY MX	mg/L		Weekly	COMPOS
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	******	0.58	1.02		0	5/31	CP
	PERMIT REQUIREMENT	******	******	******	******	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.029	0.041		******	******	******	******	0	CN	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	******	******	******	******		Continuous	CONTIN
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	******	2	2		0	1/7	GR
	PERMIT REQUIREMENT	******	******	******	******	200 30DA GEO	400 7 DA GEO	#/100mL		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
Greg C. Heitzman Interim Executive Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Ken Moore	502-540-6000		09/17/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

DISCHARGE MONITORING REPORT (DMR)

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, carbonaceous, 05 day, 20 C	SAMPLE MEASUREMENT	1.68	4.3		******	7	18		0	7/31	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	7.09 30DA AVG	14.2 DAILY MX	lb/d	******	10 30DA AVG	20 DAILY MX	mg/L		Weekly	COMPOS

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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SHADOW WOOD Report for **Aug-01** Tot. Exc.= 0

Tot. Flow= 0.90538

Date	Flow	Concentrations TSS	BOD	NH3	Fecal	Pounds TSS	BOD	NH3	Conc. T Phos
8/1/01	0.02867								
8/2/01	0.02835	9	18	0.28		2.128	4.256	0.066	0.544
8/3/01	0.03139				2				
8/4/01	0.0353								
8/5/01	0.03907								
8/6/01	0.02885								
8/7/01	0.02214								
8/8/01	0.02366								
8/9/01	0.03326	26	6	0.34		7.212	1.664	0.094	0.228
8/10/01	0.02878		6		2		1.440		
8/11/01	0.03183								
8/12/01	0.03526								
8/13/01	0.03463								
8/14/01	0.02592		5				1.081		
8/15/01	0.02234								
8/16/01	0.02677	38	6	0.39		8.484	1.340	0.087	0.513
8/17/01	0.03511				2				
8/18/01	0.02902								
8/19/01	0.03332								
8/20/01	0.0238								
8/21/01	0.02248								
8/22/01	0.01811								
8/23/01	0.02466	32	5	1.2		6.581	1.028	0.247	1.02
8/24/01	0.02761				2				
8/25/01	0.03764								
8/26/01	0.04142								
8/27/01	0.03486								
8/28/01	0.02031								
8/29/01	0.02609								0.603
8/30/01	0.02746		4				0.916		
8/31/01	0.02727								
Average	0.029	26.25	7.14	0.55	2.00	6.10	1.68	0.12	0.58
Maximum	0.041	38.00	18.00	1.20	2.00	8.48	4.26	0.25	1.02
Exceed.	0	0	0	0	0	0	0	0	0