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

June 12, 2012

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

Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – May 2012

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of May 2012.

There were no exceedences, bypass or overflow reports.

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

Sincerely,

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 5.12

Enclosures

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

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

NAME BERRYTOWN WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211

FACILITY BERRYTOWN WQTC MSD

LOCATION LOUISVILLE KY 40222

ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

KY0035501	001 2
PERMIT NUMBER	DISCHARGE NUMBER

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE [ ] ***

JEFF

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0	SAMPLE MEASUREMENT	******	******		7	******	******	(19)	0	1/1	GR
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	**** ****	[illegible] INST MIN	******	******	MG/L		[illegible]	[illegible]
PH 00400 1 0 0	SAMPLE MEASUREMENT	******	******		6.9	******	~~7.5~~ 9.4 DUW	(12)	0	1/1	GR
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		[illegible]	[illegible]
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	1.6	2.9	(26)	******	2	2	(19)	0	1/7	CP
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	[illegible] 30DA AVG	[illegible] DAILY MX	LBS/DY	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		[illegible]	[illegible]
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0	SAMPLE MEASUREMENT	0.19	0.27	(26)	******	0.3	0.4	(19)	0	1/7	CP
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	2.50 30DA AVG	[illegible] DAILY MX	LBS/DY	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		[illegible]	[illegible]
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	0.096	0.253	(03)	******	******	******		0	CN	CN
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	******	******	******	**** ****		CONTINUOUS	[illegible]
CHLORINE, TOTAL RESIDUAL 50060 1 0 1	SAMPLE MEASUREMENT	******	******		******	<0.010	0.010	(19)	0	1/1	GR
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	**** ****	******	[illegible] MO AVG	[illegible] DAILY MX	MG/L		[illegible]	[illegible]
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	******	******		******	4	13	(13)	0	1/7	GR
EFFLUENT GROSS VALU	PERMIT REQUIREMENT	******	******	**** ****	******	200 30DA GEO	400 7 DA GEO	#/100ML		[illegible]	[illegible]

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
GREG C. HEITZMAN
INTERIM EXEC DIR
TYPED OR PRINTED

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.

Duane V. Wright

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540 6000	12	6	15
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME BERRYTOWN WQTC MSD

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8405 CEDAR CREEK RD
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ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
KY0035501	001 2

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	[illegible]	[illegible]	[illegible]	TO	[illegible]	[illegible]	[illegible]

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004

JEF:

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	4.2	5.7	(26)	******	6	8	(19)	0	1/7	CP
	PERMIT REQUIREMENT	18.5 30DA AVG	[illegible] DAILY MX	LBS/D	******	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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Duane V. Wright

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	5406000	12	6	15
AREA CODE	NUMBER	YEAR	MO	DAY

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

Berrytown		Report for	**May-12**		Tot. Exc.=	0			
Tot. Flow=	2.97019		Concentrations				Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
5/1/12	0.082	2	6	0.39		1.37	4.10	0.27	2.29
5/2/12	0.073				13				
5/3/12	0.059								
5/4/12	0.055								
5/5/12	0.183								
5/6/12	0.121								
5/7/12	0.085								
5/8/12	0.074	2	8	0.22		1.23	4.93	0.14	2.21
5/9/12	0.063				5				
5/10/12	0.057								
5/11/12	0.054								
5/12/12	0.052								
5/13/12	0.110								
5/14/12	0.253								
5/15/12	0.171	2	4	0.17		2.85	5.70	0.24	0.391
5/16/12	0.124				2				
5/17/12	0.109								
5/18/12	0.086								
5/19/12	0.078								
5/20/12	0.073								
5/21/12	0.063								
5/22/12	0.066	2	4	0.22		1.11	2.22	0.12	1.29
5/23/12	0.057				2				
5/24/12	0.054								
5/25/12	0.056								
5/26/12	0.054								
5/27/12	0.053								
5/28/12	0.055								
5/29/12	0.217								
5/30/12	0.191								
5/31/12	0.140								
Average	0.096	2.00	5.50	0.25	4.02	1.64	4.24	0.19	1.55
Maximum	0.253	2.00	8.00	0.39	13.00	2.85	5.70	0.27	2.29