



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

November 17, 2010

Ms. Carolena Bentley, DMR Coordinator
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Lake Forest WQTC (aka Chenoweth Run WQTC)
KPDES No.: KY0042226
Discharge Monitoring Reports – October 2010**

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WQTC (aka Chenoweth Run WQTC), KPDES No.: KY0042226 for the month of October 2010.

Also attached is one overflow report.

There were no exceedences or bypasses.

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/ Lake Forest 10.10

Enclosures

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



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

NAME CHENOWETH RUN WQTC
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH RUN WQTC
LOCATION LOUISVILLE KY 40223
ATTN: DENNIS THOMASSON, SR METRO OPS

KY00422226
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR
(SUBR LV)
7 - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE 1-1-81 ***
JEFFS

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	10	10	01		10	10	01

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	*****	*****			8	*****	*****	(19)	0	0/07	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7 INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	*****	*****			6.7	*****	6.9	(12)	0	0/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	*****	15	19	(26)	*****	6	7	(19)	0	0/07	CP
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	118 30DA AVG	235 DAILY MX	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	1.14	1.4	(26)	*****	0.4	0.5	(19)	0	0/07	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	7.84 30DA AVG	15.7 DAILY MX	LBS/DY	*****	2 30DA AVG	4 DAILY MX	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****		*****	4.1	4.2	(19)	0	0/07	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	0.321	0.403	(03)	*****	*****	*****		0	CN	CN
00050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	****		CONTINUOUS	IN
CHLORINE, TOTAL RESIDUAL	*****	*****	*****		*****	<0.010	<0.010	(19)	0	0/07	GR
00060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 30DA AVG	0.019 DAILY MX	MG/L		WEEKLY	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.J. SCHARDEIN, JR.
EXECUTIVE DIRECTOR
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.

Signature of Principal Executive Officer or Authorized Agent
Dennis Thomasson, Sr.

TELEPHONE 502 5406000
DATE 10 11 22
AREA CODE NUMBER YEAR MO DAY

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

NAME CHENOWETH RUN WQTC
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH RUN WQTC
LOCATION LOUISVILLE KY 40223
ATTN: DENNIS THOMASSON, GR METRO OPS

KY0042226
PERMIT NUMBER

001 2
DISCHARGE NUMBER

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

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	10	01		10	10	31

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	(13)	*****	3	11	100ML	0	0/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200	400	30DA GED 7 DA GED		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	10.7	13.9	(26)	*****	*****	4	5	100ML	0	0/07	CP
	PERMIT REQUIREMENT	39.2	76.4	*****	*****	10	20	30DA AVG DAILY MX		WEEKLY	COMPOSE
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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TYPED OR PRINTED

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Diane V. Knight
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540 6000
DATE 10 11 22
AREA CODE NUMBER YEAR MO DAY

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

LAKE FOREST		Report for	Oct-10		Tot. Exc.=		0			
Tot. Flow=	9.939		Concentrations				Pounds		Conc.	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	
10/1/10	0.285									
10/2/10	0.308									
10/3/10	0.334									
10/4/10	0.31	7	4	0.3	11	18.098	10.342	0.776	4.11	
10/5/10	0.309									
10/6/10	0.306									
10/7/10	0.308									
10/8/10	0.3									
10/9/10	0.306									
10/10/10	0.325									
10/11/10	0.317	7	5	0.5	2	18.506	13.219	1.322	4.04	
10/12/10	0.298									
10/13/10	0.337									
10/14/10	0.349									
10/15/10	0.304									
10/16/10	0.329									
10/17/10	0.346									
10/18/10	0.333	4	5	0.4	1	11.109	13.886	1.111	4.15	
10/19/10	0.308									
10/20/10	0.295									
10/21/10	0.301									
10/22/10	0.293									
10/23/10	0.316									
10/24/10	0.334									
10/25/10	0.325	5	2	0.5	2	13.553	5.421	1.355	4.2	
10/26/10	0.403									
10/27/10	0.354									
10/28/10	0.321									
10/29/10	0.307									
10/30/10	0.329									
10/31/10	0.349									
Average	0.321	5.75	4.00	0.43	2.58	15.32	10.72	1.14	4.13	
Maximum	0.403	7.00	5.00	0.50	11.00	18.51	13.89	1.36	4.20	



Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0042226	Facility ID MSD0403	Water Quality Treatment Center CHENOWETH RUN	Receiving Stream of Treatment Center CHENOWETH RUN	Region CENT
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Facility Type SMN Sewer Main	Facility ID 80351B-AG	Facility Address 14310 LAKE FOREST DR	If Pump Station, Name of Pump Station:	Receiving Stream CHENOWETH RUN	Discharge to GROUND
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	1149533	10/12/10 11:50 AM	SINGLETON	WRIGHT	REPAIRED - ISSUE RESOLVED	10/12/10	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	10/12/10 12:30 PM	

Spot Inspections:

Discharge Amount:	200 GAL
Cause:	FORCE MAIN BREAK
Clean Up:	NO DEBRIS OBSERVED
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE IN THE LAKE
Repair:	CONTRACTOR REPAIRED FORCE MAIN

Notifications:

10/12/10 11:50 AM	DISPUB	TEMPORARY SIGNS HAVE BEEN PLACED
10/12/10 01:01 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/12/10 01:01 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 6
Total Work Orders Printed: 6