

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

June 24, 2011

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

Re: MSD Metro Operations

Chenoweth Run WQTC KPDES No.: KY0042226

Discharge Monitoring Reports - May 2011

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Chenoweth Run WQTC, KPDES No.: KY0042226 for the month of May 2011.

Also attached are bypass letters and overflow reports.

V. Kila

There were no exceedences.

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

Sincerely,

Duane V. Wright

Process Supervisor Central Region

DVW/Chen. Run 5.11

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



CHENDWETH RUN WOTC

ADDRESS C/O CEDAR CREEK WOTC

8405 CEDAR CREEK RD

CHENDWETH RUN WOTC

LOUISVILLE FACILITY

KY 40211

LOCATIONLOUISVILLE

KY 40223

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

MONITORING PERIOD

TO

KY0042226 PERMIT NUMBER

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DAY

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YEAR

FROM

001 2 DISCHARGE NUMBER

DAY

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YEAR MO

4.4

4:50

(SUBR LV) F - FINAL

MINOR

JEFFE

Form Approved.

OMB No. 2040-0004

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE !

PARAMETER		QUAN	TITY OR LOADING		QUALITY OR CONCENTRATION					FREQUENCY OF	JAMELL
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
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NITROGEN, AMMONIA FOTAL (AB N)	SAMPLE MEASUREMENT	5,88	14.0	(26)	李安本张宋	1	2	(19)	0	01/07	CP
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50060] C O <u>Effluent ordss</u> valui	PERMIT REQUIREMENT	经验证的价格	整体操作证明 有	***	安安安安安	0.011 30DA AVG	O. O19 DAILY MX	Me/L		VEEKLY	254 7452 254 7452
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) CHENGWETH RUN WOTC

ADDRESS C/O CEDAR CREEK WOTO

SAUS CEDAR CREEK RD

LOUISVILLE FACILITY

KY 40211

CHENOWETH RUN WOTC LOCATION

KA 40333

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

MONITORING PERIOD

TO

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WY0042224 PERMIT NUMBER

YEAR

1 4

FROM

001 B DISCHARGE NUMBER

4

YEAR MO DAY

SEC.

MINOR (SUBR LV) F - FINAL

Form Approved.

OMB No. 2040-0004

JEFFE

SANITARY WASTEWATER ..

EFFLUENT

*** NO DISCHARGE | | ***

ATTN: DENNIS THOMASE	ON, SR ME	TRO OPS	FROW ##		7 10 7 1		NOTE: Read Inst				form.
PARAMETER		QUAN	TITY OR LOADING		(QUALITY OR CONC		FREQUENCY	SAMPLE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
COLIFORM, FECAL SENERAL	SAMPLE MEASUREMENT	宗本宗宗李宗	李安安安安		谷木市森谷市	3	24	(13)	0	0/07	GR
74055 1 0 0 <u>Effluent gross value</u>	PERMIT REQUIREMENT	公宗宗宗宗宗	经济经济经济 包	*** ****	******	200 30DA GED	400 7 DA GE	i.		VEEKLY	SKAB
BOD, CARBONACEOUS ' OS DAY, 20C	SAMPLE MEASUREMENT	24,3	38.2	(26)	水水水水水	6	10	(19)	0	0/07	حري
SCOSZ 1 G C EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	37.2 30DA AVG	78.4 Daily mx	LBS/DY	***	30DA AVG	DAILY M	· 1		VEEKLY	DUMPUS
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	SAMPLE MEASUREMENT								***		
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE (P.J. SCHAREINJR. EXEC. DIR.	prepare to assure submitte or those	under penalty of law that the d under my direction or supe e that qualified personnel pre di. Based on my inquiry of the persons directly responsible ed is, to the best of my knowle	rvision in accordance with a operly gather and evaluate the te person or persons who ma for gathering the information	system designed ne information nage the system, on the information	Du	ane V. Hr	igho	TELEPHON		DA	
TYPED OR PRINTED	l am aw includin	are that there are significant g the possibility of fine and h	penalties for submitting fals	a information	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			PAJUBER NUMBER		ノノ O YEAR M	624 0 DAY
COMMENTS AND EXPLANATION OF A	ANY VIOLATIONS	(Reference all atta	chments here)		·		10	ONE I TOWN		191	JUNI

LAKE FORE	ST	Report for	May-11		Tot. Exc.=	0			
Tot. Flow=	14.868		Concent	rations			Pounds		Conc.
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos
5/1/11	0.554								
5/2/11	0.712								
5/3/11	0.951								
5/4/11	0.927								
5/5/11	0.764	15	. 6	2.2	24	95.576	38.231	14.018	1.82
5/6/11	0.42								
5/7/11	0.416								
5/8/11	0.427	17	10	1.4	. 1	60.540	35.612	4.986	2.48
5/9/11	0.39								
5/10/11	0.345								
5/11/11	0.363								
5/12/11	0.367								
5/13/11	0.396								
5/14/11	0.346				-				
5/15/11	0.387	8	3	0.24	. 2	25.821	9.683	0.775	4.48
5/16/11	0.362								
5/17/11	0.326								
5/18/11	0.33								
5/19/11	0.328								
5/20/11	0.335								
5/21/11	0.384								
5/22/11	0.408	8	4	1.1	1	27.222	13.611	3.743	5.56
5/23/11	0.523								
5/24/11	0.584								
5/25/11	0.424								
5/26/11	0.771								
5/27/11	0.634								
5/28/11	0.425								
5/29/11	0.487								
5/30/11	0.407								
5/31/11	0.375	·····							
Average	0,480	12.00	5.75	1.24		52.29	24.28	5.88	
Maximum	0.951	17.00	10.00	2.20	24.00	95.58	38.23	14.02	2 5.56



May 3, 2011

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

Re: Bypass Report for the Chenoweth Run WQTC - KPDES Permit KY0042226

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on May 03, 2011, referencing Work Order 1258039 as a rain event discharge. 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: On May 3, 2011, due to increased plant flow caused by a rain event, the plant aeration tanks overflowed, resulting in a wet weather bypass to waters of the US. The bypassed volume received full treatment except for disinfection. Approximately 5,875 gallons bypassed. The design flow of this plant is 0.470 mgd. The total daily flow was 0.951 mgd. The peak flow during the time of bypass was 1.005 mgd.
- Period of noncompliance: Starting 10:25 AM on May 03, 2011 and stopping 02:20 PM on May 03, 2011.
- Steps taken or planned to reduce, eliminate and prevent recurrence: If operational needs for resources allow, MSD will haul water from the plant.

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)-396-9142 or via email at wrightd@msdlouky.org.

Sincerely

Duane V. Wright

Process Supervisor-Operations

cc:

Gary Levy, KDEP

Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD

eB File





(PDES # (Y0042226	Facility ID MSD0403			Water Quality Treatement Center CHENOWETH RUN				eceiving Stream of HENOWETH RUN	Region CENT		
acility Type SPL Sewer Treatment Plant	Facility ID MSD0403		Facility Address 14000 BECKLEY TRCE		If Pump Station, Name of Pu		f Pump Station:	Receiving Stream CHENOWETH RUN	Discharge to GROUND		
ctivity Code / Description ISREV: RAIN EVENT ISCHARGE	WO # Initiated 1258039 05/03/11 10:25 AM		Initiated By Assigned To ELDER WRIGHT				Problem BYPASS AT WQTC	Result UNAUTHORIZED DISCHAGE - WATERS	<u>Completed</u> 05/03/11 02:20 PM	Condition	
Spot Inspections:						·					
Discharge Amo	ount		5,875 GAL	\$P\$《\$P\$\$P\$《\$P\$\$P\$《\$P\$《\$P\$《\$P\$《\$P\$《\$P\$》《\$P\$《\$P\$	ikary nemih betail (Terkisia 1906) deski isan, serasa sa eti Peresikery de nasi debend	aktione sammen die het het die falle fan de beste fan de fan de de fan de fan de fan de fan de fan de fan de f A	en alleter vertheaster for montilense technologie tragismus par	⋪⋪⋹⋿⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐⋐	\$\(\frac{1}{2}\cdot\)\(\frac{1}\cdot\)\(\frac{1}{2}\cdot\)\(\frac{1}\2\cdot\)\(1	бассын 1-0956-44 - том мүнө 444 со 1001 жанаусаан	Hills Try Edward (Springer Style Art) .
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Control Zone:			PLACED TE	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA							:
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ACO Protection of the Control of the Acontrol of the Acontrol of the Control of t	DISPUB	Placed temporary signs around the impacted area
05/03/11 01:00·AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/03/11 01:00 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

SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Total Facilities Printed: 2
Total Work Orders Printed: 3

Repair:

Notifications:



KPDES # KY0042226		Facility ID MSD0403			Water Quality Treatement Center CHENOWETH RUN				eceiving Stream of HENOWETH RUN	Region CENT		
Facility Ty	po	Facility ID		**************************************	Facility Address		If Pump Station, Name of Pump Station:			Receiving Stream	Discharge to	
MN Sewer Main		80397B-AG			512 LAKE FOREST PKY					CHENOWETH RUN,UPPER	GROUND	
	ode / Description RY WEATHER GE	<u>WO #</u> 1262728	<u>Initiated</u> 05/14/11	08:55 AM	Initiated By ELDER	Assigned To THOMPSON	Disch Status REPAIRED - ISSUE RÉSOLVED	<u>Event Date</u> 05/14/11	Problem STRUCTURAL FAILURE	<u>Result</u> UNAUTHORIZED DISCHAGE - WATERS	<u>Completed</u> 05/14/11 08:59 AM	Condition
	Spot Inspections:											
	Discharge Amo	unt		450 GAL	- Standard Committee Color and Colored Agentual Agentual Agentual Agentual Agentual Agentual Agentual Agentual	and the second s	ener Largemore Larendong Eberstand Executivity (1995) (1997)	il del provincia de como del characteria una sul arte deserrir el	artinon Ta Ballighett ge/yyethyidd brig hwydwrddol, Plwerthydd Cymriett llwerhydd dwrf ynd La Eirinner	निक्का विकास कर विकास स्थापन के प्राप्त के क प्राप्त के प्राप्त कर कर के प्राप्त के प्राप	CONTRACTOR TO THE REAL PROPERTY OF THE PROPERT	
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	Repair:	in adamilili de erredî dina de dîşe ser - an aplaquaq.		CONTRACTOR REPAIRING FORCE MAIN								
	Notifications:	ne Mariabre en registriale de la registra de la companya del companya de la companya de la companya del companya de la company		and the second s								
	Hitting industrial and an analysis of the second	DI	SPUB	Tempora	ry signs & door ha	anger at 512 Lake For	est Parkway					
	05/14/11 01:00 AN	1 DI	SNOT	Email no	tification of unauth	orized discharge sen	t to ireland.sean@er	xa.gov. eppc.ert&	ky.gov and LisaA.Jeffr	трительный профессионня профессионня по профессионня про	k pi spaki: Ner ferupuskê ya npa jesejasejasejasej exastan jus ja sêrisea ku ja	American (Section)