

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

May 18, 2011

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

Re:

**MSD Metro Operations** 

Chenoweth Run WQTC KPDES No.: KY0042226

Discharge Monitoring Reports - April 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 April 2011.

Also attached are bypass letters and overflow reports.

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 4.11

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) CHENOWETH RUN WOTC ADDRESS C/G CEDAR CREEK WOTO SAOS CEDAR CMEEK RD

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

Sales at 1866 DISCHARGE NUMBER ROWIN (BUBS LV)

Form Approved. OMB No. 2040-0004

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EFFLUENT

.. KY AOZII FACILITY CHENOMETH RUN MOTO

LOUISVILLE

LOCATION LOUISVILLE ATTN: DENNIS THOMASSON, SR METRO CPS

MONITORING PERIOD. YEAR MO: DAY YEAR MO- DAY. FROM TO

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PERMIT NUMBER

\*\*\* NO DISCHARGE ( \_ ) \*\*\*

SAMITARY WASTEWATER

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EXECUTIVE DIRECT	7 🕜 🔑 📗 submitte	ed is, to the best of my knowl are that there are significant	edge and belief, true, accura	te, and complete.		ATURE OF PRINCIPAL	EXECUTIVE 5	02 540-1	מממ	11 0	5 23
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Form Approved. PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR) OMB No. 2040-0004 CHENOWETH RUN WOTO MINOR ADDRESS C/O CEDAR CREEK WOTO (SUBR LV) Phylid Urrelia at at 840s CEDAR CREEK RD F. - FINAL PERMIT NUMBER DISCHARGE NUMBER LOWISVILLE MY 40Z11 SANITARY WASTEWATER MONITORING PERIOD FACILITY CHENCHETH RUN WOTE EFFLUENT YEAR MO₂ DAY YEAR MO-DAY-ANA NO DISCHARGE | | \*\*\* LOCATION LOUISVILLE MY 40EEG FROM TO DENNIE THOMASSON, SR METRO OPS NOTE: Read Instructions before completing this form. FREQUENCY PARAMETER NO. QUANTITY OR LOADING SAMPLE **QUALITY OR CONCENTRATION** EΧ TYPE **ANALYSIS AVERAGE** MAXIMUM UNITS MINIMUM **AVERAGE** MAXIMUM UNITS Wallet Uniter tracemen -----45-48-49-84-91-64 SAMPLE GENERAL MEASUREMENT 74055 计类类 PERMIT EFFLUENT GROSS VALUE REQUIREMENT BODA GED 7 DA GED 经营业的 IOOM CARBUMACEUUS SAMPLE 26,1 10 OS DAY, 200 MEASUREMENT 50055  $\mathbf{G}$ PERMIT EFFLUENT GRUSS VALUE REQUIREMENT BUDA AVG GODA AVO DAILY MX LBE/D MGZL SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE. MEASUREMENT PERMIT REQUIREMENT I certify under penalty of law that this document and all attachments were NAME/TITLE PRINCIPAL EXECUTIVE OFFICER **TELEPHONE** DATE prepared under my direction or supervision in accordance with a system designed H.J. ICHAR DEIN JR. 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

502,5404000

NUMBER

PAGE

DAY

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

EXECUTIVE DIRECTOR

TYPED OR PRINTED

LAKE FORE		Report for	Apr-11		Γot. Exc.≃	0			
Tot. Flow=	17.646		Concent				Pounds		Conc.
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	ИНЗ	T Phos
4/1/11	0.341								
4/2/11	0.326								-
4/3/11	0.285	8	6	0.34	1	19.015	14.261	0.808	4.37
4/4/11	0.443	}							
4/5/11	0.537	•							
4/6/11	0.337	•							
4/7/11	0.294	,							
4/8/11	0.388								•
4/9/11	0.405								
4/10/11	0.439		6	0.22	1	51.258	21.968	0.805	3.66
4/11/11	0.439		_		•		2000	0.000	0.00
4/12/11	0.955								
4/13/11	0.896								
4/14/11	0.773								
4/15/11	0.434								
4/16/11	0.564								
4/17/11	0.469		10	0.11	3	46.938	39.115	0.430	2.34
4/18/11	0.416		10	0.71	Ü	+0.500	00.110	0.700	2.04
4/19/11	0.372								
4/20/11	0.526								
4/21/11	0.423						_		
4/22/11	0.451								
4/23/11	0.842								
4/24/11	0.985								
4/25/11	0.992								
4/26/11	0.931								
4/27/11	0.95						•		
4/28/11	0.968								
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Average	0.588		6.50	0.87	2.14	40.12	26.05	5.56	
Maximum	0.992	14.00	10.00	2.80	7.00	51.26	39.11	20.20	4.37

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April 14, 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 April 12, 2011, referencing Work Order 1243078 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 April 12, 2011, due to increased plant flow caused by a rain event, this plant experienced a bypass of the secondary treatment system. The plant aeration tanks overflowed due to lack of capacity. The bypassed volume received prelininary treatment, but did not receive full secondary treatment or chlorination/dechlorination treatment. Plant Aeration was shut off prior to bypass. The Peak flow for the event was .9646 MGD and the total flow for the event was .6236 MG. The total flow for the day was .955 MG. Approximately 550,000 overflowed. The design flow to this plant is 0.470 MGD.
- Period of noncompliance: Starting 09:15 AM on April 12, 2011 and stopping 05:00 PM on April 12, 2011.
- Steps taken or planned to reduce, eliminate and prevent recurrence: If operational needs for resources allow, MSD will haul water from the plant.
- Additional comments: No additional comments.

hrigh

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.

Duane V. Wright

**Process Supervisor-Operations** 

cc:

Gary Levy, KDEP Paula Purifoy, MSD

eB File





Report Selections: Excluding Pl	PI, CSO, Prob (	Code: BYPAS, Result	WUS, Act Code:	DISDW, DISREV					•	
KPDES # KY0042226	" Admity and		Water Quality Treatement Center CHENOWETH RUN		Receiving Stream of Treatment Center CHENOWETH RUN			Region CENT		
Facility Type SPL Sewer Treatment Plant	Facility MSD04		Facility Add	Iress KLEY TRCE	If Pump \$	Station, Name o	f Pump Station:	Receiving Stream CHENOWETH RUN	<b>Discha</b> GROUI	<del>-</del>
Activity Code / Description DISREV: RAIN EVENT DISCHARGE		<u>Initiated</u> 04/12/11 09:15 AM	<u>Initiated By</u> ELDER	Assigned To WRIGHT	<u>Disch Status</u> DOCUMENTED	Event Date 05/20/05	<u>Problem</u> BYPASS AT WQTC	<u>Result</u> UNAUTHORIZED DISCHAGE - WATERS	Completed 04/12/11 05:00 PM	Condition
Spot Inspections:										
Discharge Amo	unt	550,000 GAL	الرحة ومنا و يستخط فيهم العندادة و والتونيسين العنوان المنظمة العنوان الواقع المنظمة المنظمة المنظمة المنظمة ا	Titlesse fi Ameritis i allumitti kajadig kilok beneritiski ugalainen gerigga jensse si	and the second s	radio Provincia de Africa, en especialmente la coloni planya del la c	ه حوجه معددت المهددة والربوط «المحالمة عندان المعددة المحادثة المحادثة المحادثة المحادثة المحادثة المحادثة الم	والمراوات والمستعداء المستوان والمراواة والمراواة والمستعدد والمستعد والمستعدد والمستع	دولية مادانية ما <del>المس</del> ان ( 1966 - 1966 ) وقول المستخدمة ( 1966 - <del>1966 ) و المستخدمة المستخدمة المستخدمة ( 1</del> 966 - 1966	
Cause:	and the second s	LACK OF CA	PACITY DUE TO I	RAIN EVENT IN ARE	ΞΑ	4 Tele-Politory, marine in managlin ay in 1922 (1924) (1924) (1924)	والمراوية والمسائلة والمساؤل والمراوية والمراوية والمسائلة والمراوية والمسائلة والمسابعة والمسابعة			i
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Control Zone:	. Control Zone: TEMPOR		EMPORARY SIGNS PLACED AROUND AFFECTED AREA						Marie e de la compansión de la compansió	
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Notifi	cations:
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Repair:

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04/12/11 11:14 AM	DISPUB	Temporary signs placed around affected area
04/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/12/11 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



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

KPDES#

KY0042226 (Cont'd)

Facility ID MSD0403

Water Quality Treatement Center **CHENOWETH RUN** 

Receiving Stream of Treatment Center CHENOWETH RUN

Region CENT

Condition

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1252909

Initiated 04/27/11 08:00 AM Initiated By MARKS JR Assigned To SCROGGIN

Disch Status DOCUMENTED

Event Date Problem 05/20/05

BYPASS AT WOTC

Result UNAUTHORIZED DISCHAGE -

WATERS

Completed 04/28/11 03:00

AM

## Spot Inspections:

Discharge Amount	228,000 GAL	
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	
Clean Up:	NO DEBRIS	
Control Zone:	TEMPORARY SIGNS POSTED	
Impact	SEWAGE OBSERVED	
Repair:	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP	

## Notifications:

And the second s		
04/27/11 09:27 AM	DISPUB	msd notified public with signs
04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA,Jeffries@ky.gov
04/27/11 01:00 AM		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: 7 Total Work Orders Printed: 12