

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, 4th Floor Frankfort, Kentucky 40601

RE:

Cedar Creek WQTC, KPDES No: KY0098540

Discharge Monitoring Report-April 2011

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, KPDES No.: KY0098540 for the month of April 2011.

Also attached are a bypass letter 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/Cedar Creek 4.11.doc

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

Facility Name/Location	if different)
------------------------	---------------

NAME CEDAR CREEK WOTC MSD ADDRESS C/O CEDAR CREEK WOTC 8405 CEDAR CREEK RD LOUISVILLE KY 40211 FACILITY CEDAR CREEK WOTC MSD

LOCATION LOUISVILLE

KY 40291

KY0098540 PERMIT NUMBER

01

MO DAY

04

YEAR

FROM 11

MONITORING PERIOD

TO

YEAR

11

МО

04

0012 DISCHARGE NUMBER

DAY

30

MAJOR (SUBR LV)

JEFFE

F-FINAL **NEW EXPANSION**

EFFLUENT [] No Discharge

PARAMETER		1 11/1-1/1	QUANTITY OR LOADING	•	QUALI	TY OR CONCENTRATION	OTE: Read instructi		NO	FREQUENCY	SAMPLE
	$\perp \times \parallel$			 					EX	ŌF	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	[
OXYGEN, DISSOLVED	SAMPLE [.]	*****	*****	***	9.0	*****	*****	(19)	0	1/1	GR
(DO)	MEASUREMENT			***				MG/L			
00300 1 0 0	PERMIT	*****	****	***	7.0	*******	*****	(19)	2000 C	THREE/	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT			***	INST MIN			MG/L		WEEK	
PH	SAMPLE	*****	*****	***	6.7	*****	7.0	(12)	0	1/1	GR
	MEASUREMENT			***				SU		!	
00400 1 0 0	PERMIT	*****	*****	. ***	6.0	****	9.0	(12)		THREE/	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT			***	MINIMUM		MAXIMUM	SU		WEEK	Sinta a
SOLIDS, TOTAL	SAMPLE	5077	7438	(26)	*****	91	132	(19)	0	3/7	CP
SUSPENDED	MEASUREMENT			LBS/DY				MG/L			
00530 G 0 0	PERMIT	REPORT	REPORT	(26)	*****	REPORT	REPORT	(19)	3446	THREE/	COMPOS
RAW SEW/INFLUENT	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
SOLIDS, TOTAL	SAMPLE	173	294	(26)	*****	3	3	(19)	0	3/7	CP
SUSPENDED	MEASUREMENT			LBS/DY				MG/L			
00530 1 0 0	PERMIT	1876	2815	(26)	****	30	45	(19)	de and	THREE/	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA	SAMPLE	454	501	(26)	*****	9	13	(19)	0	3/7	СР
TOTAL (AS N)	MEASUREMENT			LBS/DY				MG/L	-		
00610 G 0 0	PERMIT	REPORT	REPORT	(26)	*****	REPORT	REPORT	(19)	3333	THREE/	COMPOS
RAW SEW/INFLUENT	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	12 10 40
NITROGEN, AMMONIA	SAMPLE	18	27	(26)	*****	0.2	0.4	(19)	0	3/7	CP
TOTAL (AS N)	MEASUREMENT			LBS/DY				MG/L			"
00610 1 2 0	PERMIT	625	938	(26)	*****		- 15	(19)	Vijaray	THREE/	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
PHOSPHORUS, TOTAL	SAMPLE	15	28	(26)	*****	0.2	0.3	(19)	0	3/7	CP
(ASP)	MEASUREMENT	, •		LBS/DY		0	.	MG/L		""	"
00665 1 0 0	PERMIT	125	156	(26)	****	2.0	2.5	(19)	:	THREE/	сомроз
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TY FO LAW THAT I HAVE PER	SONALLY EXAMINED AMD A	M FAMILIAR WITH THE				LEPHONE			TE
H J SCHARDEIN	THE INFORMATION, I BELL	IEVE THE SUBMITTED INFOR	THOSE INDIVIDALS IMMEDIAT IMATION IS TRUE, ACCURATI	E AND COMPLETE, I A	M AWARETHAT	art	· //				
EXECUTIVE DIRECTOR	AND IMPRISONMENT, SEE	E 18 U.S.C 1001 AND 33 U.S.(G FALSE INFORMATION, INCI C 1319. (Penalties under these	LUDING THE POSSIBII statutes may include fi	nes up to \$10,000	andla	MATH 502	540-60] [
7055 05 65	and/or maximum imprisonm	ont of between 5 menths and 5	years.		SIGNAT	URE OF PRINCIPAL I	<i>()</i>	NUMBE	R		5 18
TYPED OR PRINTED COMMENT AND EXPLANTION OF ANY VIOLATION					OFFIC	CER OR AUTHORIZEI	AGENT CODE	1		YEAR M	IQ DAY

LOCATION LOUISVILLE

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

NAME CEDAR CREEK WOTC MSD **ADDRESS** C/O CEDAR CREEK WQTC 8405 CEDAR CREEK RD LOUISVILLE KY 40211 CEDAR CREEK WQTC MSD FACILITY

KY 40291

KY0098540 PERMIT NUMBER

0012 DISCHARGE NUMBER

MAJOR (SUBR LV)

F - FINAL JEFFE

NEW EXPANSION EFFLUENT [] No Discharge

MONITORING PERIOD YEAR DAY MO YEAR MO DAY FROM 11 01 11 04 04 TO 30

PARAMETER			QUANTITY OR LOADING	3	QUAL	TY OR CONCENTRATION	TE: Read instruct		NO	FREQUENCY	SAMPLE
•		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	7.26	18.15	(03) MGD	Verbrise Newto	*****	*****	***	0	CN	CN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	nter de siè de siè de	*****	***		CONTIN	CONTIN
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	***	*****	12	27	(13) 100ML	0	3/7	GR
74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	Makanan	*** ***	West visites in the	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/ WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	2768	4224	(26) LBS/DY	*****	49	58	(19) MG/L	0	3/7	CP
80082 G 0 0 RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	134	212	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
80082 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	625 MO AVG	938 MX WK AV	(26) LBS/DY	****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	****	****	***	96	*****	*****	(23) CENT	0	1/30	CA
80091 K 0 0 PERCENTREMOVAL	PERMIT MEASUREMENT	****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/30	CA
81011 K 0 0 PERCENTREMOVAL	PERMIT MEASUREMENT	oko kirikeske	****	***	85 MO MIN	#shrink		(23) CENT		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
7	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR	SUBMITTED HEREIN AND B THE INFORMATION. I BELIE THERE ARE SIGNIFICANT P	ASED ON MY INQUIRY OF T IVE THE SUBMITTED INFOR PENALTIES FRO SUBMITTIN 18 U.S.C 1001 AND 33 U.S.C	SONALLY EXAMINED AMD AM HOSE INDIVIDALS IMMEDIAT MATION IS TRUE, ACCURATE G FALSE INFORMATION, INCL. 1319. (Penaltics under these years.	ELY RESPONSIBLE FO E AND COMPLETE. I A LUDING THE POSSIBIL	OR OBTAINING M AWARE THAT LITY OF FINE nes up to \$10,000	IBE OF PRINCIPAL F	502	LEPHONE 540-60		DA	
TYPED OR PRINTED COMMENT AND EXPLANTION OF ANY VIOLATION	-		, on o.			JRE OF PRINCIPAL E ER OR AUTHORIZED		NUMBE	R	11 0 YEAR M	5 18 0 DAY

	OF TRE			4T	CEDA KY009		EK WTF	3				COUN		JEFFE		-				монтн			príl	20	11									
10.05	J F L KIVII		AW -	_	KYUUS		TILEA	al E	. 81	SSOLV		CAPA	CITY SPEND	en ·	7.5	MGD				RECEIVI	NG ST	REAM		CEDAF	CREE	K								
	(§)		VAGE		ЬĦ		LIDS (m			GEN (r			JDS (m		5 DAY	CBOD	(mg/L)	ACTIVA	TED SI	LUDGE		AER	ATION I	BASIN			St	UDGE	HANDL	ING		FIN	1Δ1	
	W VII ON	B F	δ.E					JENT	ABOVE	EFFLUENT	BELOW			ENT				RETU	RN	WAST ED	र्			SETT SLUI VOLI	OGE		RAW	0000		HAULED	,			
	0.3	& 11	올出			l	ا ا		AB(교	BE		. ⊢	FL		l. ⊢	긢		<u> </u>	- S-III	Cmg/L)	5	(mg/L)	1	JIVIE				-	HAULEL	' —	3	8 8 8 8	
DATE	TOTAL FLOW (MILLION GALLONS)	GRIT RE	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM	FINAL EF	STREAM	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS x1000	GAL/DAY X 1000	DISSOLVED OXYGEN (m	MLSS (mg/L) x 1000	MLVSS (m X 1000	30 MIN.	60 MIN.	1,1000	DRY SOLIDS	% VOLATILE SOLIDS	DRY 60UDS	VOLATILE SUDS	MTHDRAWN 3ALLONS C1000	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Total Phosphorus
1	2.81	1	<u> </u>	7.0	6.8		┼-		- 07	10	- 00	_ <u></u>		<u> </u>	<u> E.</u>	<u>в</u> ш	u									9.2	26	£.8.	-%-	×8	≅ 6 ×	<u> </u>	<u>π ς</u>	동론
2	2.93			6,9	6,8	 	<u> </u>			10	 							2118	5240		3.5	2970	2330	580	450									ļl
3	2.81	Ī		6.9	6.9	l —	—			10		230		2	96		2	2106		70000	3.3			550	420				_					
4	5.01			6.7	6,8	1	┪			10		52		6	20		2		4590	79000	3.8	2050	0050	520	420				<u> </u>			0.62		0.117
5	6.88			6.8	6.9	7.0	,		\vdash	10		115		2	58		2	2204	8690	55000	4.2	2950 2120	1	580 450	440							0.06	189	0.182
6	4.75			6.7	6.8	3.0	-			10		- '10		-	. 30			4111	5940		4.8	2380	1840	· ·	370					<u> </u>	ļ	0.56	4	0.108
7	3.87			6.7	6.9	8.0	_			10								4090	5320	58000	4.6	2800	2040	440 700	350									
8	3.55			6.8	6,8				-	9			-					4279	5460	78000		2760	2200	 	500									
9	4.29			6.9	6.8		<u> </u>			10								4247	3400	82000	4.0	2/60	2200	640	500									
10	4,52			7.0	6.9					9		129		2	76		2	4122			3.5		-	520	410									
11	7.04			6,9	6.8	9.0				9		54		3	18		2	2751	5400	70000 68000	3.3		0400	470	420							0.06	4	0,1
12	15.65			6.9	6.8	14.0				10		37		2	20		2	3938	4610	·		-	2180	460	380							0,06		0.152
13	7.81			6.8	6.7	14.0	 			10		<u> </u>			20			5332	4840	70000 60000	5.9 4.5	2360 2310	_	310	280							0.56	94	0.272
14	5.73			7.0	6.8		1			10						******		5131	5150	65000	3.0	2560	1700 2190	300 420	270 350									
15	5.12			6.8	6.8					10								. 4897	5280	75000	2.8	2740		450	380									 .
16	7.30			6.6	7.0					10		_					-	3190	3200	61000	2.9	2740	2100	450	380									
17	5.84			6.7	7,0					11		97		2	51		2	4683		66000	5.8			460	350									
18	5,23			6.8	6,9	10.0	,			10		79		2	38		2	4180	5220	60000	3.6	2560	2080	420	320							0.06		0.236
19	5.00			6.7	6.9	11.0				10		82		2	83		2	4823	5240	65000	3.2	2780	2370	400	350							0.06		0.217
20	6.82			6.8	7.0	14.0				10								4980	6160	65000	3.0	2210	1790	390	310							90,0	- 4	0.255
21	5,20			6.7	6.8					10								4985	5090	75000	3,1	2460	1950	440	400									
22	5.56			6.7	6.9					10						• • • • • • • • • • • • • • • • • • • •		4957	5180	68000	2.9	2410	1900	400	320					-		-+		
23	13.61	L		6.9	5.9					11								5008		62000	3.9		1000	360	300									
24	14.24			7.0	6,8					11		89		3	42		2	4589		65000	3.4			340	260							0.06		0.400
25	15.16			6.8	7.0	16.0				11		40		3	23		2	4639	5610	65000	4.6	2280	1940	380	320					<u> </u>		0.56	- 4	0.183
26	8.81			7.0	7.0	10.0				11		91		2	65		2	4984	5510	55000	4.4	2540	1960	410	330								4000	0,289
27	18.15			6.9	7,0	12.0				11							7	5239	5410	65000	5.0	2480	1910	400	320		-					0.06	1225	0,349
28	11.2			7.0	7.0					10								4959	5390	61000	4.4	2570	1990	390	320							\rightarrow		
29	7.32			7.0	6.9					10						-		4952	3740	74000	4.6	1836	1430	350	400									
30	5.7			6.8	6.8					10			T i					4953	0,70	55000	4,4	نعد،	1750	480	310									
Tot.	217.91																	124547	······									-				\dashv		
Avg.	7.26			6.8	6.9	10,7				10.0		91		3	49		2	4151.567	5384	66466.7	3,903	2516	2013	448.7	364.3			-				0.23		0.005
							KEOIUE	EN HAL			-			אטטא	I RUAL	VVAD 1 E	CUCUI	LATION EL			3.220			1 1941	20-10[1					12	0.205

•	KEÐIVENTIAL		INDOQ I KIAL WA	312 FUFULATION EQUIVA	WEN!		
	COMMERCIAL		69178	17520	26323	Joseph Shaun Smith	20987
	INDUSTRIAL		FLOW	CBOD	TSS	OPERATOR	CERT. NO.
TOTAL NUMBER OF SEWER CONNECTIONS SEWER CONNECTIONS 0 x	4	0			,	502-239-7695	
A TOTAL CONTROL A	4 ^E	0 SEWERED POPUL	ATION			PLANT TELEPHON	1E





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: Cedar Creek WQTC-KPDES Permit: KY0098540

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on April 13, 2011, referencing Work Order 1243500 as a Dry Weather 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 during a rain event, this plant experienced a bypass of U.V. disinfection. The East #2 U.V. channel U.V. lights shut off due to low water level, but the gate failed to close. Approximately 29,444 gallons of effluent received full treatment except for U.V. disinfection. Upon discovery, the east #2 channel gate was shut manually to stop the bypass. Total plant flow for the day was 15.651 MG. Design flow for this plant is 7.5 MGD.
- Period of noncompliance: Starting 09:00 PM on April 12, 2011 and stopping 09:04 PM on April 12, 2011.
- Steps taken or planned to reduce, eliminate and prevent recurrence: MSD has contacted the manufacturers representative and is evaluating the feasability of changing the U.V. system programming.
- Additional comments: No additional comments.

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, MSD





Notifications:

04/12/11 07:05 AM

04/12/11 01:00 AM

04/12/11 01:00 AM

DISPUB

DISNOT

DISSNO

MSD ADVISED CUSTOMER BY DOOR CARD

KPDES # KY0098540		ility ID 00289		Water Quality Treatement Center CEDAR CREEK			eceiving Stream of EDAR CREEK	Treatment Center	Region CENT		
Facility Type SMH Sewer Manhole	Facility ID 28984		Facility Add		If Pump Station, Nar		f Pump Station:	Receiving Stream CEDAR CREEK	Discharge to		
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 1242916	<u>Initiated</u> 04/12/11 07:05 AM	<u>Initiatod By</u> BLANFORD	Assigned To HENDERSON	Disch Status DOCUMENTED	Event Date 01/24/02	Problem LACK OF SYSTEM CAPACITY	<u>Result</u> UNAUTHORIZED DISCHAGE - WATERS	Completed 04/12/11 08:40 AM	Condition MAIN	
Spot Inspections:				٠.	-						
Discharge Am	ount	7,150 GAL	No Arthur Armston i Anno I i an Armer al continue a martina de la persa angular.	y přímojí type (The british de Pritish He Promo proby na meronomou pomo na nach	ر در	والمراجعة والمستحدث	والمستوانية والمستواد والأنباء المستوانية والمستوانية والمستوانية والمستوانية والمستوانية والمستوانية والمستوان	الأوغيسية منا وعكوم بيسية والمعاطبة بما والأواد المناطبة والمناطبة والمناطبة والمناطبة والمناطبة والمناطبة والك	Processing and electrical and estimated and the second and the sec		
Cause:		LACK OF	SYSTEM CAPACITY	-HEAVY RAIN	ه پاهنداد آخیمه این در دو در		المراوية والمراوية والمنافقة المراوية والمراوية والمراوية والمراوية والمراوية والمراوية المراوية المراوية والم	الذائية المستقدم المستقدم في المستقدم المستقدم المستقدم المستقدم المستقدم المستقدم المستقدم المستقدم المستقدم	A. 10 Part - 1 A. 10		
Clean Up:		MSD CLE	NED AND SANITIZE	ED AREA	н ден и при при на п На при на применения на при	aff un bell, made of Feer at the film difference of pulsaring on A state of the Paris	frontind traumentum film opd (1996 och 150 kod jodier film och 150 kop finde 1996 på Story (150 på 150 ko	i e i Seferior I dus il homonium motorii este cius N.M. Sangiji umalii qoʻrjuga ji moldono i assailin uursuum ala	recensed and time per (house primy orbits , just represent as an inches when it	: :	
Control Zone:		TAPE AND	TEMP SIGNS			The state of the S	والمرافقة والمرافقة والمستوانية والمستوانية والمائمة والمنافة والمرافقة المستوانية المائمة		am sperim of max the collection of the collection of the discounty and		
Impact	1944 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945	OBSERVE	D DEBRIS AND SEV	VAGE	rtud Place of Indiana Print out to Agent and publishing the El AFEE and I should be passed to passed the passed	arrefreit (* de le la class de la grande de l	mmay kalandang adipantang apanilipang paggang panggang bandang mengantukan galapang pangkalan	شور وقوارة غاية أندسس تسترك من أنجوب و كالمناه وجود يوجونه واجها آنوية ماية مشاهب واجهست القصاعد و " تستسسما	indicaelle conference of the control to the company of the control to the control	A Existrative to the con-	
والمراوية	~~~		A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN								

5/18/2011

Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Supplemental Email notification of unauthorized discharge has been sent to ireland, sean@epa.gov, eppc,ert@ky.gov and LisaA,Jeffries@ky.gov



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

KPDES#

KY0098540 (Cont'd)

Facility ID MSD0289 Water Quality Treatement Center

CEDAR CREEK

Receiving Stream of Treatment Center

CEDAR CREEK

Region CENT

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE <u>WO#</u> 1253936

<u>Initiated</u> 04/27/11 12:00 AM Initiated By DAVIS Assigned To TROWEL Disch Status
DOCUMENTED

Event Dato Pt 01/24/02 LA

<u>Problem</u>
LACK OF SYSTEM

CAPACITY

Result

UNAUTHORIZED DISCHAGE - <u>Completed</u> <u>Condition</u> 04/27/11 01:20 <u>MAIN</u> PM :

WATERS

Spot Inspections:

Discharge Am	ount 22,500 GAL	
Cause:	LACK OF CAPACITY	
Clean Up:	MSD CLEANED AND SANITIZE	ED AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SI	IGNS PLACED
(mpact:	OBSERVED SEWAGE	
Repair:	A SOLUTION FOR THIS LOCA	TION IS INCLUDED IN THE IOAP

,	:	
04/29/11 02:29 PM	DISNOT	Manual email notification of unauthorized discharge sent to ireland, sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/16/11 09:38 AM	DISPUB	Public notified with control zone materials.



Report Selections: Exclud	ling PPI, CSO, Rest	ilt WUS, Act Code: DIS	SDW, DISREV							
KPDES # KY0098540 (Cont'd		ility ID 00289		Quality Treaten	nent Center		eceiving Stream of EDAR CREEK	Treatment Center	Regio CENT	
Facility Type SMH Sewer Manhole	Facil 2899	ity ID 8	Facility Add		If Pump	Station, Name o	of Pump Station:	Receiving Stream CEDAR CREEK	Dischar GROUN	•
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	on <u>WO #</u> 1242911	<u>Initiated</u> 04/12/11 06:48 AM	Initiated By GRIMES	Assigned To HENDERSON	Disch Status DOCUMENTED	Event <u>Date</u> 01/24/02	Problem LACK OF SYSTEM CAPACITY	Result UNAUTHORIZED DISCHAGE - WATERS	<u>Completed</u> 04/12/11 09:00 AM	Condition MAIN
Spot Inspecti	ions:		and the second of the second o	والمنافقية والمنافقية والمنافقية والمنافقية والمنافق والمنافق والمنافق والمنافق والمنافق والمنافق والمنافق	ر ماندان در الماندان الماندان و الماندان و الماندان و الماندان الماندان الماندان الماندان الماندان و الماندان	laine forbassissem spor _{sko} g vil Nasoch, de skog skillenske in R	الرياضية والمراجعة المراجعة ا	والمعارضة المطالبة المنا على على المساوحة المساوحة المعارضة والمساوحة المساوحة المسا	osamu přísouželamnostelská kažiřílýt si naponích pom žiří nad počepíhoje pr	tinittin katoliningti sekin aji ippinej e ^{ng}
Dischar	ge Amount:	9,750 GAL				anning and the state of the sta	t.	ومستند والقوالية والمنافضة والمنافضة والمنافضة المراسية والمنافضة		
Cause:	(1)	LACK OF SY	STEM CAPACITY	- HEAVY RAIN						:

MSD CLEANED AND SANITIZED AREA

OBSERVED SEWAGE AND DEBRIS

PLACED TEMPORARY SIGNS AND CAUTION TAPE

Amazona	
Repair.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
	·

Cause: Clean Up:

impact

Notifications:

Control Zone:

	عدر ۱۹۰۰ دوده و دارهه بسته پهرونون ۱۹۰۰ و دونون دونونون دورود	
04/12/11 08:50 AM	DISPUB	MSD AVISED THE CUSTOMER BY DOOR CARD
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



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

KPDES#

KY0098540 (Cont'd)

Facility ID MSD0289

Water Quality Treatement Center **CEDAR CREEK**

Receiving Stream of Treatment Center **CEDAR CREEK**

Region CENT

Activity Code / Description

DISREV: RAIN EVENT

<u>WO#</u> 1252842

Initiated 04/27/11 08:10 AM

Initiated By CALLOWAY Assigned To TROWEL

Disch Status DOCUMENTED **Event Date** 01/24/02

Problem · LACK OF SYSTEM Result UNAUTHORIZED Completed 04/27/11 01:10 MAIN

PM

Condition

IMSAST0004

DISCHARGE

CAPACITY

DISCHAGE -WATERS

Spot inspections:

	Discharge Amount	22,500 GAL
. (Cause:	LACK OF SYSTEM APACITY-HEAVY RAIN
; (Clean Up:	MSD CLEANED AND SANITIZED AFFECTED AREA
	Control Zone:	CAUTION TAPE AND TEMP SIGNS
,	impact:	OBSERVED SEWAGE
1	Repair.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08

of the second of		
04/27/11 08;38 AM	DISPUB	MSD ADVISED THE CUSTOMERS BY PLACING CAUTION TAPE AND PLACING DOOR HANGERS ON ADJACENT PROPERTIES
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	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



KPDES # Facility ID KY0098540 (Cont'd) MSD0289 Facility Type Facility ID SMH Sewer Manhole 63094			Water Quality Treatement Center CEDAR CREEK			Receiving Stream of Treatment Center CEDAR CREEK			Region CENT	
		-	Facility Address 9517 PLUMWOOD RD		If Pump Station, Name of Pump Station:		Receiving Stream CEDAR CREEK	Discharge to STREAM		
activity Code / Description ISREV: RAIN EVENT ISCHARGE	<u>WO#</u> 1242903	<u>Initiatod</u> 04/12/11 06:	Initiated B 42 AM GRIMES	<u>Assigned To</u> HENDERSON	<u>Disch Status</u> DOCUMENTED	Event Date 04/04/08	Problem LACK OF SYSTEM CAPACITY	Result UNAUTHORIZED DISCHAGE - WATERS	Completed 04/12/11 08:30 AM	<u>Conditior</u> MAIN
Spot Inspections:										
Discharge Amo	unt	2,75	0 GAL	روبة ويورونون وارد (الحاور و دورونون و بازدان المعال (العاد الا العاد العاد العاد العاد العاد العاد العاد ال	rh faith-thailt peg the Carlymph Arthur a Camary had agus an leaghan ghan galaithe A yannangana.	-	and relegying School-Lord Markey and Med Saward As an Institute for the saw Confluence Corporate galactics and the Markey	والهوارة الراق مناق والمدارك والمساسا الموجود والمواجوة والمواجة المائية فالمواجعة والمسارك والمسارك	100 Paris and and an origination of Majority (Paris (1984) his	der handet annan han i killer :
Cause:		LAC	K OF SYSTEM CAPAC	HEAVY RAIN		igan mega, defendanska liddi med landa ik ik ala angen ga	The Control of the Co	والمراجعة والمراجعة والمستقدمة والمستقدمة والمستقدمة والمستقدة والمستقدم والمستقدمة والمستقدم والمستقدمة والمستقدمة والمستقدمة والمستقدمة والمستقدمة والمستقدم والم		Perior y market march land or
Clean Up:		MSI	CLEANED AND SAN	TIZED AREA	a de Ca ⁿ alanda da amela ila descripto granud a del aptilismo di Jaiole (desc <mark>etto aptino general procesa</mark>	والدواسة في المساور والطويوة المساحة (الدواسة بو المجاسب) ال	Parkipurinski objesovana (ila 14 p. pro proportino) di 20 de enteriori este el Principale e quindativa (c	a ha han d' da an Tamahan da pangang pangang pangan manamala da kahang 1979 aki Kahanjiran pangan an da pangan a	ر و در د داد داد داد داد داد داد داد داد دا	ATTERNATION CONTRACTOR
Control Zone:	a Justinian de La company	,PLA	CED TEMPORARY SI	SNS AND CAUTION TAR	PE		· · · · · · · · · · · · · · · · · · ·	99 	and the second of the second by the matrix founds about the second or second	
Impact	"Heritish de ha-Perreers (1969ag eta F 1971 manudi and	OBS	SERVED SEWAGE	المحمولة والمحاوية والمحاوية والمحاولة المحاولة والمحاولة والمحاول	دماره والإنسان والمستوافق والأنسان ومربوب والمستوافق أو مستواف والمستوافق والمستوافق والمستوافق والمستوافق والم	والمراب المراب المراب والمراب	الله و الله الله و الله و و الله و الله	partial tradesings and group of Property of the security of the decimal and the security to partial group in high	<u>سود او بدون با این کاران به دود استواه کار برای برای با دو</u> در دود این د	
Repair		A S	DLUTION FOR THIS L	DCATION IS INCLUDED	IN THE SANITARY S	EWER DISCHA	ARGE PLAN	and and the sale and the first contract of a second contract of the sale and the sa	residence of the Control of the Cont	***************************************
Notifications:							and the second	الله الله الله الله الله الله الله الله	arm, and the control of the control	-
04/12/11 08:44 AN	ום ו	SPUB	VISD ADVISED THE C	JSTOMER BY DOOR CA	ARD.	**************************************	وراهنا والدوموني وزو وهو مشهوري واما دورانا الرافات بدرا الفائد العالم المال المالية المالية المالية	رد د ۱۹۶۱ ماهنگاه از همای در در سیسه میگوی در ۱۹۰۰ این		***************************************
04/12/11 01:00 AN	f Di	SNOT	Email notification of una	uthorized discharge sent	to ireland.sean@epa	ugov, eppc.ert@	ky.gov and LisaA.Jeffries	s@ky gov	والمالي القائد عام والجازاري (1 / أو دروه المالية لم يع وسيدهم والجادم	······································
04/12/11 01:00 AN				ification of unauthorized		and the street of the beauty airs against date, the party		to develop the form of the first of the firs		·



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

KPDES#

KY0098540 (Cont'd)

Facility ID MSD0289

Water Quality Treatement Center

CEDAR CREEK

Receiving Stream of Treatment Center

CEDAR CREEK

Region CENT

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1252890

<u>Initiated</u> 04/27/11 08:10 AM

Initiated By CALLOWAY Assigned To TROWEL

Disch Status DOCUMENTED Event Date 04/04/08

Problem

LACK OF SYSTEM CAPACITY

Result

UNAUTHORIZED DISCHAGE -

Completed Condition 04/27/11 01:05 MAIN

PM WATERS

Spot Inspections:

Discharge Amount	90,000 GAL
Cause:	LACK OF CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP

Agency and an in the Company of the	**************************************	
04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffrles@ky.gov
04/28/11 03:25 PM	DISPUB	customers notified by door card
04/27/11 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



KPDES# KY0098540 (Cont'd)			Water Quality Treatement Center CEDAR CREEK			Receiving Stream of Treatment Center CEDAR CREEK			Region CENT		
Facility Type Facility ID SMH Sewer Manhole 63095			Facility Address 9300 HAYES AVE		If Pump Station, Name of Pump Station:			Receiving Stream CEDAR CREEK	Discharge to STREAM		
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	<u>WO</u> # 1242895	Initiated 04/12/11	06:20 AM	Initiated By GRIMES	Assigned To HENDERSON	<u>Disch Status</u> DOCUMENTED	Event Date 04/04/08	Problem LACK OF SYSTEM CAPACITY	Result UNAUTHORIZED DISCHAGE - WATERS	<u>Completed</u> 04/12/11 09:30 AM	<u>Condition</u> MAIN
Spot Inspections:						and a surrey depth of the state	and the second s	الله المحافظة "الإنجام على المحافظة المحافظة المحافظة المحافظة الإنجام المحافظة الإنجام الإنجام المحافظة	مسلسمة مستخدار وركامت شرووب كالرموان كالإوران بدراة مستخدة الاجرانية	Tropest under Tubuskov (musel - 1990 och 1994 och 1994 och 1994 film (s. 1985 fr.)	and the contract of the last o
Discharge An	nount	- Carrier Control	9,500 GAL				والمراجع		and the state of t	anganggalan a sek legga da and kandi kandi kandi kandi kandi kelabah sebagai kelabah sebagai kelabah sebagai k	
Cause:			LACK OF SY	STEM CAPACITY	/-HEAVY RAIN, PO	SSIBLE JOINT DAM	AGE	را به ^{است} ناستهٔ دا ده را دادم الفراد «مناسسه به جنري و دارادم او المناسفة ما نسمه او به سده دادمه الدانسيس معر	ng ngang spainit A abainn in in Turbuquum 1775 a mucha muchan a filifondol pa linbup filipahdol busa	many elactory and profession is the river as the france and a paper to the terrogenetic terrogen	may por more several s
; Clean Up:	r and the man man is the second principle in the best field in the second principle in the second field in the		MSD CLEAN	I AND SANITIZE A	AREA .		E Filippi, bija apagas sisteman pilaganga sa Johandri Ana dianggabana s ^{ama} libin	نوار و استان المراجعة المراجعة عن المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المر	and also supply the supply of	**************************************	
Control Zone	• ,	:	PLACED TE	MPORARY SIGNS	S AND CAUTION TAI	PE	والمنافعة المنافعة ال	office (Monado cost) (Cost, proving particularity for front Planescent and the foreign and an applicant 11 time	ومده له محسط سلوب خود او و الانتشار خدل و در در در در ارس خود و در	وية دخة الطبقة المستحدة ، فالح وم يشهرك الشهر إسكاسيو به شعر بالمراد إليال وإروب وجود	to the same of
Impact	and graph the confidency of presence of the graph of the second specific for t	harden of the little of the li	OBSERVED	SEWAGE AND D	EBRIS		and the second s	gyppennengyen enwydd Arabensalaunydd yngh y yngaeth y teithau yn mae'i y daell y fan eithau y fan y fall hyfel	و در ما داند د در در میشود.	ring discussion by a first street film of the street of th	
Repair		!	A SOLUTIO	N FOR THIS LOCA	ATION IS INCLUDED	IN THE SANITARY	SEWER DISCH	IARGE PLAN			······································
Notifications:						-	indows Michigan (name in props albanistic placement on 1 M should	g arry studyn gyfeiddyndydgon chisbeydyl y gymraw g cy mae'n breuddiadau wyn n ysfeidynwy	ummanghyayafkayya birdindy ilikuminandik ulah nosvenyyelane e perebenduk		NG-A-Per-Printersonance
04/12/11 08:40	AM I	DISPUB	MSD AD	VISED THE CUST	TOMER BY DOOR C	ARD			Service Season to the season of the season o		
04/12/11 01:00	AM	TONSIC	Email no	tification of unauth	norized discharge ser	nt to ireland.sean@ep	oa.gov, eppc.ert(@ky.gov and LisaA.Jeffric	es@ky.gov		
04/12/11 01:00	ΔΜ	DISSNO	Supplem	pental Email potific	ation of unauthorized	discharge has been	sent to ireland.s	ean@epa.gov. eppc.ert@	ky.gov and LisaA.Jeffries@	Dky.gov	



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

KPDES#

KY0098540 (Cont'd)

Facility ID MSD0289

Water Quality Treatement Center

CEDAR CREEK

Receiving Stream of Treatment Center

CEDAR CREEK

Region CENT

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1252911

Initiated

04/27/11 08:10 AM

Initiated By CALLOWAY Assigned To TROWEL

Disch Status DOCUMENTED **Event Date** 04/04/08

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED DISCHAGE -

WATERS

Completed 04/27/11 01:13 PM

Condition MAIN

Spot Inspections:

Discharge Amount:	15,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.

04/27/11 11:13 AM	DISPUB	MSD PLACED CAUTION TAPE AND DOOR HANGERS ON ADJACENT PROPERTIES.
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	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections:	Excluding PPI, CS	O, Result WUS,	Act Code: DISDW,	DISREV
--------------------	-------------------	----------------	------------------	--------

KPDES	#

KY0098540 (Cont'd)

Facility ID MSD0289

Water Quality Treatement Center

CEDAR CREEK

Receiving Stream of Treatment Center

CEDAR CREEK

Region CENT

Facility Typo

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

70158

5600 HOFELICH CT

CEDAR CREEK

GROUND

Activity Code / Description

WO#

<u>Initiated</u>

Initiated By GRIMES

Assigned To HENDERSON Disch Status

Event Date 01/24/02

Problem LACK OF SYSTEM

Result UNAUTHORIZED Completed AM

Condition

DISREV: RAIN EVENT DISCHARGE

1242935

04/12/11 06:30 AM

DOCUMENTED

CAPACITY

DISCHAGE -

04/12/11 08:00 MAIN

WATERS

Spot Inspections:

Discharge Amount	2,250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact	OBSERVED SEWAGE
Repair.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED IN DECEMBER OF 2008

		AND THE PROPERTY OF THE PROPER
04/12/11 08:00 AM	DISPUB	ADVISED CUSTOMER BY DOOR CARD
	*	
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



KPDES # KY0098540 (Cont'd)	Facility ID MSD0289 Facility ID		Water Quality Treatement Center CEDAR CREEK			Receiving Stream of Treatment Center CEDAR CREEK			Region CENT		
Facility Type			Facility Address		If Pump	If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to		
SPL Sewer Treatment Plant	MSD	0289		8605 CEDAR CREEK RD					CEDAR CREEK	GROUND	
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 1243500	<u>Initiated</u> 04/12/11	09:00 PM	Initiated By ELDER	Assigned To THOMPSON	Disch Status DOCUMENTED	Event Date 03/09/11	Problem BYPASS AT WQTC	Result UNAUTHORIZED DISCHAGE - WATERS	Completed 04/12/11 09:04 PM	Condition
Spot Inspections:											
Discharge Am	ount	niineelelulukht-parte vetti hu	29,444 GAL	pygarjaintegria filis l _e t _i nggijantrin g ^{en} ermaten dia 1920 km mah	Mining half general in an electrical of the dense of the Control of the dense the Control of the dense dense d	ى ئىلىنىڭ ئىلى ئىلىنىڭ ئىلىنىڭ ئىلىنى		innes (°), a salatie, con attinummata pataina la sur attant à stant d'Albanana and anti-lifeate de con l'Alb L'Albanana and anti-lifeate (°), a salatin a sur attant à salatin a salatin a salatin a salatin a salatin a	i garage pag penalah dan jeng YA gi paga jehang maga pengangan menangkal bersa dan menangkal bersa dan menangka Penangkal paga penalah dan jenggan yang penangkal penangkal penangkal penangkal bersa dan menangkal bersa dan	ram al a 14 à pi al-al-llement de l'al-llement entre la lade a par alle Vanni e simul à lade e site d'in L'al-llement entre la lade	:
Cause:	1		CEDAR CRE		T DOWN CAUSING	BYPASS OF UV TRE	ATMENT				
Clean Up:			NO CLEANU	P POSSIBLE, DIS	CHARGE DIRECTL	Y TO STREAM					
Control Zone:		!	PERMENAN	T SIGNS MARK O	ÚTFALL TO CREEK		i i v Tierie i Productivi i de Productivi a de Print Andre Andre Veries e appre	oma emagnos, quantyblishing governi appendende, yd as ylo 100 oradd lyfelydd 110 og wordt bei 60 as		پانچنان فرواندو کرسوار مود پانچنداز کرسود مشاهد شاهد میداند. پانچنان فرواندو کرسوار مود پانچنداز کرسوار مشاهد میداند.	mpä-maakki päytyigipi-työstät .
Impact			CLEAR PRO	CESS WATER DIS	SCHARGED			المنافذة الم	ander makes) for all lives had believery believe had by the consequence of the consequen		
Repair:		ĺ	CORRECTIV	'E WO# 1243501,	INVESTIGATE & RE	PAIR CAUSE OF DIS	CHARGE				
Notifications:											
04/12/11 10:48 P	М	ISPUB	=	nt signs along cree VIN website notifica		game, game ya ap a salaha hii da ishii " ishi dagaan kala ay a shiya sala ay a shiya sala ay a shi ka shi da i	ga an				
04/12/11 01:00 P	м	NSNOT	Email no	tification of unauth	orized discharge ser	nt to ireland,sean@ep	a.gov, eppc.ert@	ky.gov and LisaA.Jeffrie	s@ky.gov	ageriales error depositoriores de la compressión de la compressión de la compressión de la compressión de la c	
04/12/11 01:00 P	M C	DISSNO	Supplem	ental Email notifica	ation of unauthorized	discharge has been	sent to ireland s	ean@epa.gov, eppc.ert@	ky.gov and LisaA.Jeffries@	ky.gov	