



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

April 24,, 2011

Crystal Thompson DMR Coordinator 200 Fair Oaks Lane Frankfort, Kentucky 40601

RE:

Hite Creek WQTC, KPDES No: KY0022420

Discharge Monitoring Report for March, 2011

Dear Ms. Thompson

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of March, 2011.

There were no exceedences, to report this month.

chard mills

Attached is a bypass report, and the overflow report forms, and the 1st Quarter bio-monitoring (DMR)

If you have any questions concerning the attached DMR's, please contact me at (502)587-5856.

Sincerely,

Richard Mills

Process Supervisor, East Region

RM/ Hite Creek. 3 11

Enclosures

cc:

C. Roth(DOW Louisville)

T. Singleton

R. Shaw



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

DAY

01

MONITORING PERIOD

TO

Facility Neme/Loc	cation if different)
NAME	HITE CREEK WQTC MSD
ADDRESS	C/O CEDAR CREEK WQTC
	OAGE OFDAD ODEEK DO

C/O CEDAR CREEK WOTC 8405 CEDAR CREEK RD. LOUISVILLE KY 40211

FACILITY HITE CREEK WOTC

LOCATION LOUISVILLE KY 40241

KY0022420 PERMIT NUMBER

YEAR

FROM 11

MO

03

001 2 DISCHARGE NUMBER

MO

03

YEAR

11

DAY

31

MAJOR (SUBR LV)

F - FINAL JEFFE
MUNICIPAL WASTEWATER

EFFLUENT
[] No Discharge

NOTE: Read instructions before completing this fo

ATTN: DENNIS THOMASSON	SR. METRO OPS	•				NO	TE: Read instructi	ons before	com	oleting this	; form
PARAMETER			QUANTITY OR LOADING		QUALF	Y OR CONCENTRATION			NO EX	FREQUENCY OF	\$AMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MUMIXAM	UNITS		ANALYSIS	
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT. MEASUREMENT	****	*****	***	7 INST MIN	****	*****	(19) MG/L		THREE/ WEEK	GRAB
PH PH	SAMPLE MEASUREMENT	*****	*****	***	7.1	*****	7.6	(12) SU	0	1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT	***	*****	***	6.0 MINIMUM	www.	9.0 MAXIMUM	(12) SU	enkoris. Propinsi	THREE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4596	5595	(26) LBS/DY	*****	125	179	(19) MG/L	0	3/7	СР
00530 G 0 0 RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	driderik skole	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	350	906	(26) LBS/DY	****	7	12	(19) MG/L	0	3/7	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	1501 MO AVG	2252 MX WK AV	(26) LBS/DY	****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	545	571	(26) LBS/DY	*****	15	20	(19) MG/L	0	3/7	CP
00610 G 0 0 RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	wwwww	REPORT MO AVG	REPORT MX WK AV	(19) MG/L	700 / Day 550 / Se	THREE/ WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	20	47	(26) LBS/DY	*****	0.4	0.7	(19) MG/L	0	3/7	CP
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT	367 MO AVG	550 MX WK AV	(26) LBS/DY	ske ske ske ske ske	10 MO AVG	15 MX WK AV	(19) MG/L	17 (1) 17 (1)	THREE/ WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	25	30	****	*****	0.8	1.1	(19) MG/L	0	1/7	СР
00665 1 2 1 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	derderderderde derderderderde	*************************************	****	****	2.0 MO.AVG	3.0 MX WK AV	(19) MG/L	50 (1) 20 (1) 20 (1)	THREE/ WEEK	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR TYPED OR PRINTED	I CERTIFY UNDER PENALT SUBMITTED HEREIN AND THE INFORMATION. I BELI THERE ARE SIGNIFICANT AND IMPRISONMENT. SEE	BASED ON MY INQUIRY OF " EVE THE SUBMITTED INFOR	SONALLY EXAMINED AMD A THOSE INDIVIDALS IMMEDIAT MATION IS TRUE, ACCURAT OF FALSE INFORMATION, INC C 1319. (Ponalties under these years.	TELY RESPONSIBLE F E AND COMPLETE, I A LUDING THE POSSIBL	LITY OF FINE nes up to \$10,000 SIGNAT	URE OF PRINCIPAL E	MUL 502 EXECUTIVE AREA	NUMBE	000	11 04	4 26

COMMENT AND EXPLANTION OF ANY VIOLATIONS (Reference all attachments here)

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

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

NAME	HITE CREEK WQTC MSD	_
ADDRESS	C/O CEDAR CREEK WQTC	_
	8405 CEDAR CREEK RD.	_
	LOUISVILLE KY 40211	_
FACILITY	HITE CREEK WQTC	_

KY0022420	001_2
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR LV)

MONITORING PERIOD YEAR MO DAY МО DAY 03 31 03 01 11 FROM 11 TO

F-FINAL JEFFE MUNICIPAL WASTEWATER **EFFLUENT**

[] No Discharge

LOUISVILLE KY 40241 LOCATION

ATTN: DENNIS THOMASSON	SR. METRO OPS	3				NO	TE: Read instructi	ons before	com	pleting this	; form
PARAMETER			QUANTITY OR LOADING		QUALI	TY OR CONCENTRATION	4		NO EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
FLOW, IN CONDUIT OR	SAMPLE	4.22	11.82	(03)	****	stestestesteste	****	***	0	CN	CN
THRU TREATMENT PLANT	MEASUREMENT	····		MGD		\$255,000,000,000,000,000,000,000,000,000,	en remain and which the superconstant	***	The state of the s	COLUMN DATE OF THE PARTY OF THE	************
50050 1 0 0	PERMIT	REPORT	REPORT	(03)	*****		******	***		CONTIN	CONTIN
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	DAILY MX	MGD ***	*****	Who store by realities	0		<u> </u>	3/7	GR
COLIFORM, FECAL	SAMPLE	*****	*****	***	*****	5	8	(13) 100ML	0	3//	GR
GENERAL	MEASUREMENT	**********	Variables was the track to the contract of	***	z essences www.www.eseeceeddd	200	400	(13)	didustravitë	STHREE/	GRAB
74055 1 0 0	PERMIT			***		30DA GEO	7 DA GEO	100ML	104	WEEK	GIVAD
EFFLUENT GROSS VALUE	MEASUREMENT	2040	3555		****	88	126	(19)	0	3/7	CP
BOD, CARBONACEOUS	SAMPLE	3240	3000	(26) LBS/DY		00	120	MG/L	U	J.,	, ŭ
05 DAY, 20C	MEASUREMENT	REPORT	REPORT	(26)	an americana waxay waxay ana ana ana ana ana ana ana ana ana a	REPORT	REPORT	(19)	THE CONTROL OF	STHREE/	(COMPOS)
80082 G 0 0 RAW SEW/INFLUENT	PERMIT	MO AVG	MXWKAV	LBS/DY		MO AVG	MXWKAV	MG/L		WEEK	Profesional Contract
BOD, CARBONACEOUS	SAMPLE	143	320	(26)	****	3	4	(19)	0	3/7	CP
05 DAY, 20C	MEASUREMENT	140	020	LBS/DY				MG/L	_		1
80082 1 0 0	PERMIT	367	550	(26)	of Parlamenta and Par	10	15	(19)	riores and	THREE/	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MXWKAV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	Exception of the second
BOD, CARB 5-DAY, 20	SAMPLE	*****	*****	***	97	*****	*****	(23)	0	1/30	CA
DEG C, PERCENT REMVL	MEASUREMENT			***				CENT		٠	
80091 K 0 0	PERMIT	****	*****	***	85	au rour nou r ***** made 1903	*****	(23)	0.00000000	ONGE/	CALCTD
PERCENTREMOVAL	MEASUREMENT_		Elitarian maia	***	MO AVG			CENT		MONTH	
SOLIDS, SUSPENDED	SAMPLE	*****	****	sksksk	95	*****	*****	(23)	0	1/30	CA
PERCENT REMOVAL	MEASUREMENT			***				CENT			
81011 K 0 0	PERMIT	****	*****	***	85		********	(23)	7	ONCE	CAECTD
PERCENTREMOVAL	MEASUREMENT		AND	***	MO MIN			CENT	<u>کیس کی</u>	MONTH	
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	PERMIT							1			
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	HISTIRMITTED HEREIN AND I	RASED ON MY INCUIRY OF I	SONALLY EXAMINED AMD AN THOSE INDIVIDALS IMMEDIAT	ELY RESPONSIBLE F	OKOBIAINING FZ /	-// . /).		LITIONE			
H J SCHARDEIN EXECUTIVE DIRECTOR	THE INFORMATION, I BELL THERE ARE SIGNIFICANT	EVETHE SUBMITTED INFOR PENALTIES FRO SUBMITTIN	MATION IS TRUE, ACCURATI G FALSE INFORMATION, INCL	LUDING THE POSSIBI	LITYOFFINE	ichardt.	/ LL 502	540-60	000		
EXECUTIVE DIRECTOR	and/or maximum imprisonme	: 18 U.S.C 1001 AND 33 U.S.(ent of between 6 months and 5	2 1319. (Penalties under these years.	энница плау псирав п	SIGNAT	URE OF PRINCIPAL E	II	NUMBER	R	11 04	
TYPED OR PRINTED					OFFIC	CER OR AUTHORIZED	AGENT CODE			YEAR M	O DAY

COMMENT AND EXPLANTION OF ANY VIOLATIONS (Reference all attachments here)

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

HITE CREEK WOTC MSD

8405 CEDAR CREEK RD.

LOUISVILLE KY 40211

HITE CREEK WQTC

LOCATION LOUISVILLE KY 40241

C/O CEDAR CREEK WQTC

Facility Name/Location if different)

NAME

ADDRESS

FACILITY

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

KY0022420	
7110000	_
PERMIT NUMBER	

001 Y
DISCHARGE NUMBER

MAJOR (SUBR LV)

F-FINAL

JEFFE METALS/BIOMONITORING/QUARTERLY

EFFLUENT [] No Discharge

MONITORING PERIOD YEAR MO DAY YEAR MQ DAY 03 FROM 11 11 31 01 01 TO

ATTN: DENNIS THOMASSON	SR. METRO OPS	3			_	NC	TE: Read instruction	ons before	comp	oleting this	form
PARAMETER			QUANTITY OR LOADING		QUAL	TY OR CONCENTRATION	V		Q &	FREQUENCY OF	SAMPLE TYPE
		AVÉRAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
ZINC	SAMPLE	*****	*****	***	****	0.0162	0.0162	(19)	0	1/90	CP
TOTAL RECOVERABLE	MEASUREMENT		•	***				MG/L			
01094 1 0 0	PERMIT		*****	***	sirik wateria	REPORT	REPORT	(19)		OTRLY	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			****		MO AVG	DAILY MX	MG/L	2.34		
LEAD	SAMPLE	*****	*****	***	*****	0.009	0.009	(19)	0	1/90	CP
TOTAL RECOVERABLE	MEASUREMENT			***	20 years and the second the second tree		DEDODE	MG/L		-ATDEXES	*OOMBOO
01114 1 0 0	PERMIT	******	*****	***		REPORT	REPORT	(19)		QTRLY	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			***	*****	MO AVG	DAILY MX	MG/L		4100	CP
COPPER	SAMPLE	****	*****	***	*****	0.007	0.007	(19)	0	1/90	CP
TOTAL RECOVERABLE	MEASUREMENT		ness venere k k k k k k er er til sels	***	engen og gjenne som vikt skrakt skrakt sk rakt skra	DEPORT	REPORT	MG/L	معودان همادي في	QTRLY	COMPOS
01119 1 0 0	PERMIT			***		REPORT	DAILY MX	(19) MG/L		UIRLI	COMEGO
EFFLUENT GROSS VALUE	MEASUREMENT	*****	****	***	*****	MO AVG	<1.0	(2G)	0	1/90	CP
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EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	ing the second s		***			The second of th	TOXCT		3	
MERCURY	SAMPLE	*****	*****	****	*****	<0.0005	<0.0005	(19)	0	1/90	GR
TOTAL RECOVERABLE	MEASUREMENT	****	*****	***	*****	40.0000	10.0000	MG/L	•		
71901 1 0 0	PERMIT	pag sparek ag til fri i kit i til s amanan kan	gregory sprogram and the state of the state	****	skriksk skriksk	REPORT	REPORT	(19)	Sacra	QTRLY	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	wwwww	****	***	****	MO AVG	DAILY MAX	MG/L			
111 131.11 01000 1/1001	SAMPLE		Product Course products and Colored Co		and Mark and the London Systematic Control of						
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	MEASUREMENT.				3.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SUBMITTED HEREIN AND E	ASED ON MY INQUIRY OF T	SONALLY EXAMINED AMD AM HOSE INDIVIDALS IMMEDIATE	LY RESPONSIBLE :	FOR OBTAINING /) — 1	A A TEI	EPHONE		DA	.IE
H J SCHARDEIN	THE INFORMATION, I BELIE THERE ARE SIGNIFICANT F	EVE THE SUBMITTED INFOR PENALTIES FRO SUBMITTIN	MATION IS TRUE, ACCURATE G FALSE INFORMATION, INCLL	AND COMPLETE. I DING THE POSSIE	AM AWARETHAT	JA Kard	1/ felle 502	540-60	nnn		
EXECUTIVE DIRECTOR	AND IMPRISONMENT, SEE	18 U.S.C 1001 AND 33 U.S.C nt of between 6 menths and 5	: 1319. (Penalties under these s	latutes may include	fines up to \$10,000 🐪 🥕	TURE OF PRINCIPAL B		NUMBE		11 4	26
TYPED OR PRINTED			· · · · ·	•		CER OR AUTHORIZED	. 1			YEAR M	
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COMMENT AND EXPLANTION OF ANY VIOLATIONS (Reference all attachments here)

Facility Name/Location If different)

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

DAY

01

YEAR

11

FROM

МО

03

IAME	HITE CREEK WQTC MSD
ADDRESS	C/O CEDAR CREEK WQTC
	8405 CEDAR CREEK RD.
	LOUISVILLE KY 40211
ACILITY	HITE CREEK WQTC

KY0022420	001 R
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

TO

YEAR

11

МО

03

DAY

31

MAJOR (SUBR LV)

F - FINAL

JEFFE REASONABLE POTENTIAL **EFFLUENT**

[] No Discharge

LOCATION LOUISVILLE KY 40241

NOTE: Read instructions before completing this form ATTN: DENNIS THOMASSON SR. METRO OPS FREQUENCY QUALITY OR CONCENTRATION .PARAMETER QUANTITY OR LOADING TYPE ΕX OF **ANALYSIS** MAXIMUM UNITS MINIMUM **AVERAGE** MAXIMUM UNITS **AVERAGE** 0 CP CYANIDE, FREE (AMEN. **** ***** 0.005 0.005(19)1/30 **** SAMPLE **** *** MG/L ***** TO CHLORINATION) ----MEASUREMENT **** REPORT ONCE/ COMPOS **** *** REPORT (19) l00722 1 0 0 **** PERMIT EFFLUENT GROSS VALUE ***** MG/L MONTH *** MO AVG DAILY MX ---MEASUREMENT **** (19)0 1/30 CP HARDNESS, TOTAL *** 218 218 SAMPLE *** ***** MG/L **** (AS CACO3) ----MEASUREMENT 00900 1 0 0 *** REPORT REPORT 19) ONCE/ COMPOS *** **** *** PERMIT **** MO AVG DAILY MX MG/L MONTH **EFFLUENT GROSS VALUE** ***** ***** MEASUREMENT CP *** ***** 0.01 0.01(19)n. 1/30 ***** **** CHROMIUM, HEXAVALENT SAMPLE *** MG/L **** ***** (AS CR) MEASUREMENT ONCE/ COMPOS **** REPORT REPORT (19)01032 1 0 0 **** *** PERMIT EFFLUENT GROSS VALUE *** MO AVG DAILY MX MG/L MONTH *** MEASUREMENT 1/30 CP 0.2 0.2 (19)0 **CADMIUM** ***** ***** *** SAMPLE ***** *** MG/L TOTAL RECOVERABLE MEASUREMENT **** REPORT ONCE/ COMPOS ** REPORT (19) 01113 1 0 0 ***** **** PERMIT MONTH **EFFLUENT GROSS VALUE** *** MO AVG DAILY MX MG/L ***** MEASUREMENT SAMPLE MEASUREMENT PERMIT MEASUREMENT SAMPLE MEASUREMENT PERMIT MEASUREMENT SAMPLE MEASUREMENT PERMIT MEASUREMENT TELEPHONE DATE CERTIFY UNDER PENALTY FO LAW THAT I HAVE PERSONALLY EXAMINED AMD AM FAMILIAR WITH THE INFORMATION NAME/TITLE PRINCIPAL EXECUTIVE OFFICER SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE, I AM AWARE THAT H J SCHARDEIN THERE ARE SIGNIFICANT PENALTIES FRO SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C 1001 AND 33 U.S.C 1319, (Penalties under these statutes may include fines up to \$10,000 502 540-6000 EXECUTIVE DIRECTOR 26 04 AREA NUMBER 11 SIGNATURE OF PRINCIPAL EXECUTIVE and/or maximum imprisonment of between 6 months and 5 years. MO DAY OFFICER OR AUTHORIZED AGENT CODE TYPED OR PRINTED

COMMENT AND EXPLANTION OF ANY VIOLATIONS (Reference all attachments here)

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12	4.6	3		7	.5	7.4	5,0		0.0		10.7								2,39	15.24	26.3	6	4.015	3.325	350	_						50,4		—		↓—	 	 	4
13	4.0	3	ļ	8	.3	7.4	5.0		0.0		11,5								2.44	12.58	36.2	7.4	4.4	3,535	430					1.23	78		 	—	├	 	┿		4
14	4,1	3		7	2	7.5	8.0		0,0		10.8							<u> </u>	2.52	12.6	32.9		4.295		430							49.1	+	 	 	↓	↓	 	4
15	4.4	36	3	6 7	.2	7.3	10.0		0.0		11.0		131		6	90		3	2.41	13.02	32,9	7.3	4.125	3.265	400						•	61.4			0.799	3	 		4
16	3.8	3		7	2	7.4	5.0		0.0		-10.7		113	ĺ	5	85		2	2,35	12.86	32.9	6.9	3,995	3,16	400							42.6	_			—	↓—		4
17	3.6	<u> </u>		8	2	7.3	7.0		0,0		9.2		128		5	106		2	2.49	12,08	39.4	4,6	4.425	3.515	420								0.055	4	↓	┷	ļ	—	_
18	3.40	36		6 7	3	7.2	10,0		0.0		9.1						Ī		2,4	11.34	39.4	4.6	4.235	3.345	380							69.3	Ь	—	<u> </u>		Д—	igspace	_
19	3.17			7.	9	7.3	8.0		0.0	. ,	9.0							ļ	1.75	11.4	42,7	4.1	4.67	3,705	480							84.8			 			↓	4
20	3,23			7.	9	7.4	10,0		0.0		9.2			" I					2.13	10.34	46	5.2	4.455	3.575	380							62.8	ــــــــ	↓	—		 	—	4
21	3.23			8.	5	7.3	10.0		0,0		11.3							[2.47	11.56	42,7	6.8	4.64	3.685	400							50,4	<u> </u>	<u> </u>	<u> </u>	Д.	↓	┷	_
22	3,1	36	3	6 7.	0	7,3	10.0		0.0		10,2		172		5	121		4	2.43	12.58	32.9	4.8	4.115	3,275	350	1	•			1,04	75	83.6	0.055	5 4	1.1	1	 	ــــــ	\dashv
23	3.07			7.	4	7.4	10.0		0.0		10.3		159		5	128		4	1.76	16.08	29.6	4.2	4,295	3.425	350							96.3	0.67	7 4	4	\perp	<u> </u>		_
24	3.00			7.	3	7.3	14,0		0.0		8,6		205	_	5	128		3	2.41	10.74	39.4	4.7	4,08	3.25	350							99.9	0.055	13	<u> </u>				┙
25	2.64	36	3	6 7.	3	7.4	12.0		0,0	$\neg \neg$	- 9.0								2.39	10.42	42,7	4.7	4.12	3,24	350				L			85	<u> </u>	1			↓	ـــــ	ᆚ
26	2.82			7.	3	7.3.	13.0		0,0		8.9								2.21	10.11	42.7	4.6	4.08	3.511	350							72.4			—	1			_
27	2.58			7.	3	7.4	6,0		0.0		8.9		i						2.3	11.42	36,2	4.8	3,835	3.1	310							75.3		<u> </u>	<u> </u>	\perp			_
28	2,44			8.	7	7.2	12.0		0.0		10.3								1.76	10.74	42.7	5	4.245	3,36	380							· 75,6	,						
29	2.55	38	3				13,0		0.0		10.2								2.35	10,26	39.4	- 6	3.875	3.09	300					0.97	75	74.5	,						
30	2,60			7.	4-	7.3	8.0	- 1	0.0	i	10.0	$\neg \uparrow$							2,36	9.34	42.7	5.6	3.76	2.985	300							75.6	,	<u> </u>					
31	2.58			7.	_		12.0		0.0	 	9.8		1	-					2.13		39.4	5.7	3,47									82.1							
ot.	130.90	324	32		†-								一				,	i	70.29													2027							
vg.	4.22	36	30	-	+	7.4	8:4		-	-	10.1		125	- 1	7	88		·	2.267											1.073	70	65.38	0.42	.T .	0.75	4 00	218.00	0.0	14

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			COMM	ERCIAL	L		40200	18292	20968	Earl Dunn	7626
			INDUS	TRIAL			FLOW	CBOD	TSS	OPERATOR	CERT. NO.
OTAL NUMBER OF SEWER C	ONNECTIO	ONS			-	0				502-241 -9 310	
EWER CONNECTIONS	n	ν.		-		CEMED	ED BODI II ATTON			PLANT TELEPHO	DNE

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March 11, 2011

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

Bypass Report for the Hite Creek WQTC - KPDES Permit KY0022420 Re:

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on March 09, 2011, referencing Work Order 1220161 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 March 9, 2011, during a rain event, the UV channel gate did not open due to failure of a mechanical part in the gate actuator. Approximately 30,000 gallons bypassed UV disinfection. The volume bypassed received preliminary, secondary and tertiary treatment. Design flow of Hite Creek is 6.0 MGD. Total plant flow on March 9, 2011 was 11.82 MGD. Peak flow rate during time of bypass was 14.89 MGD.
- Period of noncompliance: Starting 08:00 AM on March 09, 2011 and stopping 08:30 AM on March 09, 2011.
- Steps taken or planned to reduce, eliminate and prevent recurrence: We opened the UV gate using a crane which stopped the bypass. We have a spare gate actuator and will conduct repairs ASAP via work order #1220867.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-587-5856, my cell phone at (502)-396-4422 or via email at millsr@insdlouky.org.

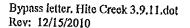
Qichard w. mills

Richard W. Mills

Process Supervisor-Operations

Gary Levy, KDEP cc;

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





Region

EAST





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

KPDES# Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center HITE CREEK HITE CREEK

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SPL Sewer Treatment Plant MSD0202 5500 HITT RD HITE CREEK STREAM

WO# Condition Activity Code / Description Initiated Initiated By Assigned To Disch Status **Event Date** Problem Result Completed DISREV: RAIN EVENT 1220161 ELDER MILLS REPAIRED -UNAUTHORIZED 03/09/11 08:30 03/09/11 08:00 AM 03/09/11 BYPASS AT WQTC DISCHARGE ISSUE DISCHAGE -ΑM RESOLVED WATERS

Spot Inspections:

Discharge Amount:	30,000 GAL
Cause;	INFLUENT GATE TO UV SYSTEM STUCK CLOSED
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE
Repair:	OPENED THE GATE & MAINTENANCE REPAIRED IT

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00/00/44 00-00 444	. DIODUD	TEMPOD ABY GIONG POOTED	1
03/09/11 08:00 AM	DISPUB	TEMPORARY SIGNS POSTED	-
03/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@kv.gov and LisaAleftries@kv.gov	1
	, =10710.	Time it a supplier and the supplier and	
03/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	1



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

KPDES#

KY0022420 (Cont'd)

Facility ID MSD0202

Water Quality Treatement Center

HITE CREEK

Receiving Stream of Treatment Center

HITE CREEK

Region **EAST**

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SMH Sewer Manhole

91087

7510 MEADOW STREAM CT

SOUTH FORK HARRODS

STREAM

CREEK

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1220386

Initiated

03/09/11 10:50 AM

Initiated By MARKS JR

Assigned To MILLS

Disch Status DOCUMENTED **Event Date** 03/18/08

Problem CAPACITY

LACK OF SYSTEM

Result UNAUTHORIZED Completed 03/10/11 04:00

DISCHAGE -

ΑM

WATERS

Spot Inspections:

Discharge Amount:	20,600 GAL	:
Cause: .	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	
Clean Up:	MSD CLEANED & SANITIZED THE AREA	
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA	
Impact	SEWAGE & DEBRIS OBSERVED	
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR	

03/09/11 01:00 AM .	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	-
03/09/11 10:50 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AREA	:
03/09/11 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	1



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

KPDES#

KY0022420 (Cont'd)

Facility ID MSD0202

Water Quality Treatement Center

HITE CREEK

Receiving Stream of Treatment Center

HITE CREEK

Region **EAST**

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1220670 Initiated

03/09/11 03:45 PM

Initiated By MARKS JR

Assigned To FORD JR

Disch Status DOCUMENTED **Event Date** 03/09/11

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED Completed 03/10/11 12:45

Condition

AM

DISCHAGE -WATERS

Spot Inspections:

Discharge Amount	540 GAL
Cause;	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up;	NO DEBRIS
Control Zone:	ADVISED CUSTOMER TO AVAOID CONTACT WITH SEWAGE & PLACED TEMPORARY SIGNS
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/09/11 01:00 PM	DISNOT	DISNOT Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA,Jeffries@ky.gov	
03/09/11 03:45 PM	DISPUB	ADVISED CUSTOMER ON SITE & PLACED TEMPORARY SIGNS	
03/09/11 01:00 PM	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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES#

KY0022420 (Cont'd)

Facility ID MSD0202

Water Quality Treatement Center

HITE CREEK

Receiving Stream of Treatment Center

HITE CREEK

Region **EAST**

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

90776

7250 FLOYDSBURG RD

FLOYDS FORK

DITCH

Activity Code / Description

DISREV: RAIN EVENT

Initiated

Initiated By

Assigned To

Disch Status

Event Date

Problem

Result UNAUTHORIZED

Completed 03/09/11 11:05 Condition

DISCHARGE

WO# 1219945

03/09/11 04:45 AM

ELDER

MILLS

DOCUMENTED

03/09/11 LACK OF SYSTEM CAPACITY

DISCHAGE -

ΑM

WATERS

Spot inspections:

Discharge Amount:	4,100 GAL	
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	
Clean Up:	NO DEBRIS	
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA	
Impact:	SEWAGE OBSERVED	
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR	

03/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/09/11 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
03/09/11 04:15 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AREA



Report Selections: Exc	cluding PPI, CSO,	Excluding LAT and SSL,	Result: WUS.	Act Code: DISDW.	DISREV
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KPDES#	
KY0022420	(Cont'd)

Facility ID MSD0202

Water Quality Treatement Center HITE CREEK

Receiving Stream of Treatment Center HITE CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

DISCHARGE

108957

7302 FLOYDSBURG RD

.

FLOYDS FORK

DITCH

Activity Code / Description DISREV: RAIN EVENT

<u>WO #</u> 1220671 Initiated 03/09/11 03:45 PM Initiated By MARKS JR Assigned To FORD JR Disch Status
DOCUMENTED

03/09/11

<u>Problem</u> LACK OF SYSTEM CAPACITY Result UNAUTHORIZED

03/10/11 12:30

Completed Condition

DISCHAGE - AM

7101

WATERS

Spot inspections:

Discharge Amount:	525 GAL
Cause;	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	ADVISED CUSTOMER ON SITE TO AVOID CONTACT WITH SEWAGE & PLACED TEMPORAY SIGNS
Impact:	SEWAGE OBSERVED
Repair;	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/09/11 01:00 PM DISNOT Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov		
03/09/11 03:45 PM	DISPUB	ADVISED CUSTOMER ON SITE & PLACED TEMPORARY SIGNS AROUND THE AREA
03/09/11 01:00 PM	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, Excluding LAT and SSL. Result: WUS. Act Code: DISDW. DISRE	Report Selections:	Excluding PPI,	CSO, Excluding LAT and S	SL. Result: WUS	. Act Code: DISDW_DISRE
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KPDE\$#	
KY0022420	

Facility ID MSD0202

Water Quality Treatement Center HITE CREEK

Receiving Stream of Treatment Center HITE CREEK

Region EAST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

108953

7302 FLOYDSBURG RD

FLOYDS FORK

DITCH

Activity Code / Description DISREV: RAIN EVENT

<u>WO #</u> 1220696 <u>Initiated</u> 03/09/11 04:30 PM Initiated By MARKS JR Assigned To FORD JR Disch Status

DOCUMENTED

03/09/11

Problem

LACK OF SYSTEM

CAPACITY

Result
UNAUTHORIZED

Completed 03/10/11 12:30

Condition

DISCHAGE -

· AM

WATERS

Spot Inspections:

Discharge Amount:	480 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up;	NO DEBRIS
Control Zone:	ADVISED PROPERTY OWNER ON SITE TO AVOID DIRECT CONTACT WITH SEWAGE & PLACED TEMPORARY SIGNS AROUND THE AREA
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/09/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	-
03/09/11 04:30 PM	DISPUB	MSD ADVISED CUSTOMER ON SITE & PLACED TEMPORARY SIGNS AROUND THE AREA	1
03/09/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	