

# MSD

Metropolitan Sewer District

Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://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: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report-April 2011

Dear Ms. Edwards:

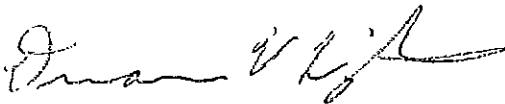
Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, KPDES No.: KY0098540 for the month of April 2011.

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

Facility Name/Location if different)

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

KY0098540  
PERMIT NUMBER

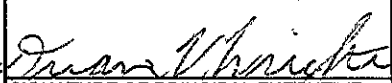
001 2  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL JEFFE  
NEW EXPANSION  
EFFLUENT  
[] No Discharge

LOCATION LOUISVILLE KY 40291  
ATTN: DENNIS THOMMASSON SR. METRO OPS

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

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	9.0	*****	*****	(19) MG/L	0	1/1	GR	
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7.0	*****	*****	(19) INST MIN		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.7	*****	7.0	(12) SU	0	1/1	GR	
PH	PERMIT MEASUREMENT	*****	*****	***	6.0	*****	9.0	(12) SU		THREE/WEEK	GRAB	
00400 1 0 0	MEASUREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM					
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5077	7438	(26) LBS/DY	*****	91	132	(19) MG/L	0	3/7	CP	
SOLIDS, TOTAL SUSPENDED	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	
00530 G 0 0	MEASUREMENT	173	294	(26) LBS/DY	*****	3	3	(19) MG/L	0	3/7	CP	
RAW SEW/INFLUENT	PERMIT MEASUREMENT	1876	2815	(26) LBS/DY	*****	30	45	(19) MG/L		THREE/WEEK	COMPOS	
SOLIDS, TOTAL SUSPENDED	MEASUREMENT	454	501	(26) LBS/DY	*****	9	13	(19) MG/L	0	3/7	CP	
00530 1 0 0	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	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	18	27	(26) LBS/DY	*****	0.2	0.4	(19) MG/L	0	3/7	CP	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	625	938	(26) LBS/DY	*****	10	15	(19) MG/L		THREE/WEEK	COMPOS	
00610 G 0 0	MEASUREMENT	15	28	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP	
RAW SEW/INFLUENT	PERMIT MEASUREMENT	125	156	(26) LBS/DY	*****	2.0	2.5	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	15	28	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	625	938	(26) LBS/DY	*****	10	15	(19) MG/L		THREE/WEEK	COMPOS	
00610 1 2 0	MEASUREMENT	15	28	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	125	156	(26) LBS/DY	*****	2.0	2.5	(19) MG/L		THREE/WEEK	COMPOS	
PHOSPHORUS, TOTAL (AS P)	MEASUREMENT	15	28	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP	
00665 1 0 0	PERMIT MEASUREMENT	125	156	(26) LBS/DY	*****	2.0	2.5	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	15	28	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION 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 THERE ARE SIGNIFICANT PENALTIES FOR 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 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
H J SCHARDEIN EXECUTIVE DIRECTOR								502	540-6000	11	05	18
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

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

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

KY0098540  
PERMIT NUMBER

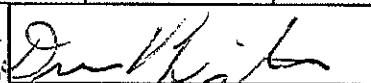
001 2  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL JEFFE  
NEW EXPANSION  
EFFLUENT  
[ ] No Discharge

LOCATION LOUISVILLE KY 40291  
ATTN: DENNIS THOMMASSON SR. METRO OPS

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

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	7.26	18.15	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN.
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	12	27	(13) 100ML	0	3/7	GR
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	2768	4224	(26) LBS/DY	*****	49	58	(19) MG/L	0	3/7	CP
	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 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	134	212	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
	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 80091 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	96	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR 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 and/or maximum imprisonment of between 6 months and 5 years.)				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPED OR PRINTED							502	540-6000	11	05	18
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					AREA CODE	NUMBER	YEAR	MO	DAY		

NAME OF TREATMENT PLANT CEDAR CREEK WTP  
 KPDES PERMIT NUMBER KY0098540

COUNTY JEFFERSON  
 PLANT CAPACITY 7.5 MGD

MONTH OF: April 2011  
 RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN				SLUDGE HANDLING				FINAL													
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN	WASTED	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L) X 1000	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	60 MIN.	SETTLED SLUDGE VOLUME	RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Total Phosphorus							
																													% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS				WITHDRAWN GALLOIS X 1000						
1	2.81			7.0	6.8					10									2118	5240	75000	3.5	2970	2330	580	450																
2	2.93			6.9	6.8					10									2140		70000	3.3			550	420																
3	2.81			6.9	6.9					10			230		2	96		2	2106		79000	3.8			520	420																
4	5.01			6.7	6.8					10			52		6	20			1960	4590	70000	3.7	2950	2350	580	440								0.62	4	0.117						
5	6.88			6.8	6.9	7.0				10			115		2	58		2	2204	8690	55000	4.2	2120	1840	450	370								0.06	189	0.182						
6	4.75			6.7	6.8	3.0				10									4111	5940	57000	4.8	2380	2040	440	350																
7	3.87			6.7	6.9	8.0				10									4090	5320	58000	4.6	2800	2220	700	500																
8	3.55			6.8	6.8					9									4279	5460	78000	4.0	2760	2200	640	500																
9	4.29			6.9	6.8					10									4247		82000	3.5			520	410																
10	4.52			7.0	6.9					9			129		2	76		2	4122		70000	3.3			470	420																
11	7.04			6.9	6.8	9.0				9			54		3	18		2	2751	5400	68000	3.0	2760	2180	460	380								0.06	4	0.1						
12	15.65			6.9	6.8	14.0				10			37		2	20		2	3938	4810	70000	5.9	2360	1720	310	280										0.06	4	0.152				
13	7.81			6.8	6.7	14.0				10									5332	4840	60000	4.5	2310	1700	300	270																
14	5.73			7.0	6.8					10									5131	5150	65000	3.0	2560	2190	420	350																
15	5.12			6.8	6.8					10									4897	5280	75000	2.8	2740	2180	450	380																
16	7.30			6.6	7.0					10									3190		61000	2.9			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	4	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	4	0.217				
20	6.82			6.8	7.0	14.0				10									4980	6160	65000	3.0	2210	1790	390	310																
21	5.20			6.7	6.8					10									4985	5090	75000	3.1	2460	1950	440	400																
22	5.58			6.7	6.9					10									4957	5180	68000	2.9	2410	1900	400	320																
23	13.61			6.9	6.9					11									5008		62000	3.9			360	300																
24	14.24			7.0	6.8					11			89		3	42		2	4589		65000	3.4			340	260											0.06	4	0.183			
25	15.16			6.8	7.0	16.0				11			40		3	23		2	4639	5610	65000	4.6	2280	1940	380	320										0.06	4	0.289				
26	8.81			7.0	7.0	10.0				11			91		2	65		2	4984	5510	55000	4.4	2540	1960	410	330										0.06	4	0.289				
27	18.15			6.9	7.0	12.0				11									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																
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									4953		55000	4.4			480	310																
Tot.	217.91																		124547																							
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	12	0.205				

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT:

69178 FLOW 17520 CBOD 26323 TSS

Joseph Shaun Smith  
 OPERATOR

20987  
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_ SEWERED POPULATION

0 X 4 = 0

502-239-7695  
 PLANT TELEPHONE



700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org

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 feasibility 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](mailto:wrightd@msdlouky.org).

Sincerely,

Duane V. Wright  
Process Supervisor-Operations

cc: Gary Levy, KDEP  
Paula Purifoy, MSD



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

KPDES # KY0098540	Facility ID MSD0289	Water Quality Treatment Center CEDAR CREEK	Receiving Stream of Treatment Center CEDAR CREEK	Region CENT
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Facility Type SMH Sewer Manhole	Facility ID 28984	Facility Address 5410 SPRIGWOOD LN	If Pump Station, Name of Pump Station:	Receiving Stream CEDAR CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1242916	04/12/11 07:05 AM	BLANFORD	HENDERSON	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 08:40 AM	MAIN

**Spot Inspections:**

Discharge Amount:	7,150 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TAPE AND TEMP SIGNS
Impact:	OBSERVED DEBRIS AND SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN

**Notifications:**

04/12/11 07:05 AM	DISPUB	MSD 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
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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Water Quality Treatment Center</b> CEDAR CREEK	<b>Receiving Stream of Treatment Center</b> CEDAR CREEK	<b>Region</b> CENT
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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>
DISREV: RAIN EVENT DISCHARGE	1253936	04/27/11 12:00 AM	DAVIS	TROWEL	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/27/11 01:20 PM	MAIN

**Spot Inspections:**

Discharge Amount:	22,500 GAL
Cause:	LACK OF CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP

**Notifications:**

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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Water Quality Treatment Center</b> CEDAR CREEK	<b>Receiving Stream of Treatment Center</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28998	<b>Facility Address</b> 5600 HOFELICH CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CEDAR CREEK	<b>Discharge to</b> 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>
DISREV: RAIN EVENT DISCHARGE	1242911	04/12/11 06:48 AM	GRIMES	HENDERSON	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 09:00 AM	MAIN

**Spot Inspections:**

Discharge Amount:	9,750 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED SEWAGE AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN

**Notifications:**

04/12/11 08:50 AM	DISPUB	MSD ADVISED 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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Water Quality Treatment Center</b> CEDAR CREEK	<b>Receiving Stream of Treatment Center</b> CEDAR CREEK	<b>Region</b> CENT
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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>
DISREV: RAIN EVENT DISCHARGE	1252842	04/27/11 08:10 AM	CALLOWAY	TROWEL	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/27/11 01:10 PM	MAIN

**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
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08

**Notifications:**

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



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

KPDES # KY0098540 (Cont'd)	Facility ID MSD0289	Water Quality Treatment Center CEDAR CREEK	Receiving Stream of Treatment Center CEDAR CREEK	Region CENT
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Facility Type SMH Sewer Manhole	Facility ID 63094	Facility Address 9517 PLUMWOOD RD	If Pump Station, Name of Pump Station:	Receiving Stream CEDAR CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1242903	04/12/11 06:42 AM	GRIMES	HENDERSON	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 08:30 AM	MAIN

**Spot Inspections:**

Discharge Amount:	2,750 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN

**Notifications:**

04/12/11 08:44 AM	DISPUB	MSD ADVISED 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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Water Quality Treatment Center</b> CEDAR CREEK	<b>Receiving Stream of Treatment Center</b> CEDAR CREEK	<b>Region</b> CENT
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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>
DISREV: RAIN EVENT DISCHARGE	1252890	04/27/11 08:10 AM	CALLOWAY	TROWEL	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/27/11 01:05 PM	MAIN

**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

**Notifications:**

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
04/28/11 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



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

KPDES # KY0098540 (Cont'd)	Facility ID MSD0289	Water Quality Treatment Center CEDAR CREEK	Receiving Stream of Treatment Center CEDAR CREEK	Region CENT
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Facility Type SMH Sewer Manhole	Facility ID 63095	Facility Address 9300 HAYES AVE	If Pump Station, Name of Pump Station:	Receiving Stream CEDAR CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1242895	04/12/11 06:20 AM	GRIMES	HENDERSON	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 09:30 AM	MAIN

**Spot Inspections:**

Discharge Amount	9,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN, POSSIBLE JOINT DAMAGE
Clean Up:	MSD CLEAN AND SANITIZE AREA
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED SEWAGE AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN

**Notifications:**

04/12/11 08:40 AM	DISPUB	MSD ADVISED 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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Water Quality Treatment Center</b> CEDAR CREEK	<b>Receiving Stream of Treatment Center</b> CEDAR CREEK	<b>Region</b> CENT
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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>
DISREV: RAIN EVENT DISCHARGE	1252911	04/27/11 08:10 AM	CALLOWAY	TROWEL	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/27/11 01:13 PM	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.

**Notifications:**

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, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0098540 (Cont'd)	Facility ID MSD0289	Water Quality Treatment Center CEDAR CREEK	Receiving Stream of Treatment Center CEDAR CREEK	Region CENT
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Facility Type SMH Sewer Manhole	Facility ID 70158	Facility Address 5600 HOFELICH CT	If Pump Station, Name of Pump Station:	Receiving Stream CEDAR CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1242935	04/12/11 06:30 AM	GRIMES	HENDERSON	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 08:00 AM	MAIN

**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

**Notifications:**

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



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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0098540 (Cont'd)	MSD0289	CEDAR CREEK	CEDAR CREEK	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0289	8605 CEDAR CREEK RD		CEDAR CREEK	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1243500	04/12/11 09:00 PM	ELDER	THOMPSON	DOCUMENTED	03/09/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	04/12/11 09:04 PM	

**Spot Inspections:**

Discharge Amount:	29,444 GAL
Cause:	CEDAR CREEK UV BANK 2A & BANK 2B SHUT DOWN CAUSING BYPASS OF UV TREATMENT
Clean Up:	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREAM
Control Zone:	PERMENANT SIGNS MARK OUTFALL TO CREEK
Impact:	CLEAR PROCESS WATER DISCHARGED
Repair:	CORRECTIVE WO# 1243501, INVESTIGATE & REPAIR CAUSE OF DISCHARGE

**Notifications:**

04/12/11 10:48 PM	DISPUB	permanent signs along creek, Project WIN website notification
04/12/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/12/11 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