



April 23, 2013

Cheryl Edwards
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4<sup>th</sup> Floor
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center KPDES Permit No. KY0022411

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period March 1<sup>st</sup> to March 31<sup>st</sup> are provided through NetDMR. All permit requirements were met for the month of March, 2013.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,

Alex E. Novak, P.E. Director of Operations

Rly E. Novali

paw

MFDMR0313.doc



# **DMR Copy of Record**

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KY0022411 Permit #:

Permittee: MORRIS FORMAN WQTC MSD

Yes Major:

4522 ALGONQUIN PKWY

**Facility Location:** 4522 ALGONQUIN PKWY

Facility:

Status:

Permittee Address:

LOUISVILLE, KY 40211

**Permitted Feature:** 001 External Outfall 001-1

Discharge:

Title:

**DMR Due Date:** 

LOUISVILLE, KY 40211

**NetDMR Validated** 

MORRIS FORMAN WQTC MSD

Report Dates & Status

**Monitoring Period:** From 03/01/13 to 03/31/13 MUNICIPAL DISCHARGE

04/28/13

**Considerations for Form Completion** 

G - INFLUENTE - SECONDARY EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

Greg First Name:

**Executive Director** 

Telephone: 502-540-6000

Last Name: Heitzman

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Season	# Param. NOD			Qı	antity or Lo	ading					Quality or Concentration				# of Ex.	Frequency of Analys	is Sample Type
Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier	1 Value 1	Qualifier	2 Value 2	Qualifier 3	3 Value 3	Units			
				Sample						=	8.8					19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved (DO)	1 - Effluent Gross	0		Permit Req.						>=	2 INST MIN	I				19 - mg/L	0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample	-	13327	-	14114	26 - lb/d			-	15	=	15	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	-	229234	-	270327	26 - lb/d			=	229	=	266	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVG	1	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample						=	6.6			=	7	12 - SU		01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0		Permit Req.						>=	6 MINIMUM	1		<=	9 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample	-	9902	=	11216	26 - lb/d			=	11	-	13	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	E - Secondary/Biological Process Complete	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	-	320552	=	366494	26 - lb/d			=	303	=	327	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVG	i	Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
			Value NODI																
				Sample	-	6516	=	8344	26 - lb/d			=	7.4	-	9.9	19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total (as N)	E - Secondary/Biological Process Complete	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	-	9461	=	9966	26 - lb/d			=	9.48	=	11.3	19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVG	i	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
	-			Value NODI												_			
				Sample	-	109.97	=	133.8	03 - MGI	D								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0		Permit Req.		Reg Mon MO AVO	3	Reg Mon DAILY MX	03 - MGI	D							0	99/99 - Continuous	CN - CONTIN
· ·				Value NODI															
				Sample										<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.										<=		-	0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample								=	59	_	138	13 - #/100mL		01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	2		Permit Reg.								<=	1000 30DA GEO	<=	2000 7 DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB
			Value NODI														,		
				Sample						-	94					23 - %		01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.						>=	85 MO MIN							01/30 - Monthly	CA - CALCTD
				Value NODI															
				Sample						-	97					23 - %		01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal	0		Permit Req.						>=	85 MO MIN					23 - %		01/30 - Monthly	CA - CALCTD
				Value NODI															

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

Attachments				
	Na	ame	Туре	Size
201303MFWQTCCov	verletter.pdf		pdf	16058
201303MFWQTC_O	verflowReport.pdf		pdf	134849
201303MFWQTCMC	DR.pdf		pdf	40513
Report Last Saved By				
MORRIS FORMAN	N WQTC MSD			
User:	richgalardi	Date/Time:	2013-04-23 11:05 (Time Zone: -04:00)	
Name:	Richard Galardi			
E-Mail:	rich.galardi@louisvillemsd.org			

# **DMR Copy of Record**

Permit																		
Permit #:		KY0022411		Per	rmittee:			MORRIS	FORMAN WQTO	MSD			Facility:		MORRIS	S FORMAN	WQTC MSD	
Major:		Yes		Per	rmittee A	ddress:			GONQUIN PKWY LLE, KY 40211	,			Facility Location	on:		GONQUIN ILLE, KY 40		
Permitted Feature:	:	001 External Outfall		Dis	scharge:			001-B SECOND	ARY BYPASS									
Report Dates & Sta	atus																	
Monitoring Period:		From 03/01/13 to 03/31/13		DM	IR Due Da	ate:		04/28/13					Status:		NetDMF	R Validated		
Considerations for	r Form Completion	on																
		F SECONDARY BYPASS IN ADD	ITION TO I	REGULAR	MONITO	RING.1 - FI	NAL EFFLU	ENTF - SEC	ONDARY BYPAS	SS AFTE	R PRIMARYTRE	ATMENT	Г.					
Principal Executive	e Officer																	
First Name:		Greg		Titl	le:			Executive	Director				Telephone:		502-540	-6000		
Last Name:		Heitzman											·					
No Data Indicator (	(NODI)																	
Form NODI:	()																	
Parame	eter	Monitoring Location	Season # Pa	aram. NODI			Q	Quantity or Loa	ding				Quality or Cond	entration		# of	f Ex. Frequency of Analysis	Sample Type
Code N	lame					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2		Qualifier 3		Units		
00310 BOD, 5-day, 20 de	ea C	1 - Effluent Gross	0		Sample Permit Req.						=	=	36 Reg Mon MO AVG		49 Reg Mon MX WK AV	19 - mg/L	12/30 - Twelve Per Month WH/DS - When Dischargin	CP - COMPOS
00310 BOD, 3-day, 20 de	eg. O	1 - Elliderit Gloss			Value NODI								req won wo Avo		req Mon MX WK AV	19 - Hig/L 0	WII/DS - WHEII DISCHAIGH	g Ci - COMi OS
					Sample						=	=				19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
00310 BOD, 5-day, 20 de	eg. C	F - Primary/Prelimary Process Complete	0		Permit Req. Value NODI								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Dischargin	g CP - COMPOS
					Sample						-	=	46	=	62	19 - mg/L	12/30 - Twelve Per Month	CP - COMPOS
00530 Solids, total suspe	ended	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Dischargin	g CP - COMPOS
					Value NODI Sample							=	165	=	205	10 mg/l	12/30 - Twelve Per Month	CB COMBOS
00530 Solids, total suspe	ended	F - Primary/Prelimary Process Complete	0	i	Permit Req.							=	Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 19 - mg/L 0	WH/DS - When Dischargin	
					Value NODI													
00610 Nitrogen, ammonia	a total (as NI)	1 - Effluent Gross	0		Sample Permit Reg.						=	=	8.36 Reg Mon MO AVG		11.5 Req Mon MX WK AV	19 - mg/L	12/30 - Twelve Per Month WH/DS - When Dischargin	CP - COMPOS
ooo to tallogen, ammonie	a total (as iv)	I Ellidelit Gloss			Value NODI								req won wo rec		red Mon MX MICA	15 Hig/L 0	WII/DO WHOII DISCHAIGH	g or comi co
					Sample						-	=				19 - mg/L	12/30 - Twelve Per Month	
00610 Nitrogen, ammonia	a total (as N)	F - Primary/Prelimary Process Complete	0		Permit Req. Value NODI								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Dischargin	g CP - COMPOS
					Sample		3.08	= 0	68.18	03 - MGD							12/30 - Twelve Per Month	CN - CONTIN
50050 Flow, in conduit or	r thru treatment plant	F - Primary/Prelimary Process Complete	0		Permit Req.		eq Mon MO AV	/G	Req Mon MX WK AV	03 - MGD						0	WH/DS - When Dischargin	g CN - CONTIN
Out main air a Nata					Value NODI													
Submission Note			. <del></del>	d.				20 16 0										
·		ny values for the Sample nor Efflu	ent Trading	, then non	e of the fo	llowing field	is will be sub	omitted for th	at row: Units, Nui	mber of E	excursions, Frequ	ency of A	Analysis, and Sa	mpie Type	е.			
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
No attachments.  Report Last Saved	I By																	
MORRIS FORMAN																		
							Dota/T	Timo:			00	112 04 0	2 11:10 /Time	Zone: C4	.00)			
User:	richgalardi	di					Date/T	iiile.			20	J 13-04-2	3 11:10 (Time	ZUITE04	)			
Name:	Richard Galar																	

# **DMR Copy of Record**

Permit Permit #: KY0022411 Permittee: MORRIS FORMAN WQTC MSD Facility: MORRIS FORMAN WQTC MSD Major: Yes Permittee Address: 4522 ALGONQUIN PKWY **Facility Location: 4522 ALGONQUIN PKWY** LOUISVILLE, KY 40211 LOUISVILLE, KY 40211 **Permitted Feature:** 001 Discharge: 001-Y External Outfall **BIOMONITORING/ONCE PER QUARTER** Report Dates & Status From 01/01/13 to 03/31/13 **DMR Due Date:** 04/28/13 Status: **NetDMR Validated Monitoring Period: Considerations for Form Completion Principal Executive Officer** Greg Title: **First Name: Executive Director** Telephone: 502-540-6000 **Last Name:** Heitzman No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Code Name Value 2 Qualifier 3 Value 3 Units Sample 19 - mg/L 01/90 - Quarterly G2 - GRAB-2 Req Mon MO AVG Req Mon DAILY MX 19 - mg/L CP - COMPOS 00900 Hardness, total (as CaCO3) 1 - Effluent Gross 0 Permit Red 01/90 - Quarterly Value NOD G2 - GRAB-2 Sample 0.003 01/90 - Quarterly 0.003 19 - mg/L 01025 Cadmium, dissolved (as Cd) 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 0 01/90 - Quarterly CP - COMPOS Value NODI G2 - GRAB-2 Sample 0.007 0.007 19 - mg/L 01/90 - Quarterly 01040 Copper, dissolved (as Cu) 1 - Effluent Gross Permit Req Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI Sample 0.008 0.008 19 - mg/L 01/90 - Quarterly G2 - GRAB-2 CP - COMPOS 01049 Lead, dissolved (as Pb) 1 - Effluent Gross 0 Permit Req Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI 01/90 - Quarterly G2 - GRAB-2 Sample 0.07 0.07 19 - mg/L Req Mon MO AVG 01090 Zinc, dissolved (as Zn) 1 - Effluent Gross Req Mon DAILY MX 19 - mg/L CP - COMPOS 0 Permit Rea 01/90 - Quarterly Value NODI Sample 0.07 0.07 01/90 - Quarterly G2 - GRAB-2 19 - mg/L 01094 Zinc, total recoverable 1 - Effluent Gross 0 Permit Req. Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI Sample 01/90 - Quarterly G2 - GRAB-2 0.003 0.003 19 - mg/L 01113 Cadmium, total recoverable 1 - Effluent Gross Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI G2 - GRAB-2 Sample 0.008 0.008 19 - mg/L 01/90 - Quarterly CP - COMPOS 01114 Lead, total recoverable 1 - Effluent Gross 0 Permit Red Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI Sample 0.008 0.009 01/90 - Quarterly G2 - GRAB-2 19 - mg/L Req Mon DAILY MX 19 - mg/L 01119 Copper, total recoverable 1 - Effluent Gross Permit Rea Rea Mon MO AVG 01/90 - Quarterly CP - COMPOS Value NODI G2 - GRAB-2 Sample 2F - tox acute 01/90 - Quarterly 61406 Toxicity, final conc toxicity units 1 - Effluent Gross Permit Req 1 DAILY MX 2F - tox acute 0 01/90 - Quarterly G2 - GRAB-2 Value NODI **Submission Note** If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. **Comments** Attachments No attachments. Report Last Saved By **MORRIS FORMAN WQTC MSD** User: richgalardi Date/Time: 2013-04-23 11:20 (Time Zone: -04:00) Richard Galardi Name:

E-Mail: rich.galardi@louisvillemsd.org

MORRIS FORMAN WATER QUALITY TREATMENT CENTER KPDE8 PERMIT NO, KY0022411

JEFFERSON COUNTY, KENTUCKY PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

MONTH OF

March

2013

TEMP рН SETS TSS TS D.O. 5-DAY BOD WASTEWATER FLOWS (DEGF) (M/L) (mg/L) (mg/L) (mg/L) (mg/L) ACTIVE CHLORINATION FINAL (Million Gallons) RETURN SLUDGE AERATION BASIN Sludge Primary EFFLUENT Chlorine Fecal Final Sec. prim. FLOW TSS TVSS D.O MLSS MLVSS SET SVI Wasted Sludge Dosage Resid Coliform NH3-N Pump. DATE Effluent Effluent Bypass raw final raw final final raw final raw final final raw raw land final MG g/L g/L mg/L g/L MG MG KLBS #/100 ml mg/L mg/L Hours 100.7 100.7 3/1 0.0 55 55 15.0 0.1 280 10.9 259 136 12 12.3 10.2 7.4 7.0 13 27.9 19.9 2.9 2.4 208 0.31 1,29 1.08 0.010 14 0.00 3/2 98.31 98.31 57 57 272 0.0 7.4 6.9 13.0 0.1 11 10.7 234 161 13 28.2 12.0 10.1 20,0 3.1 2.7 221 1.10 0.32 1.24 0.010 45 13 0.00 3/3 85.04 85.04 57 57 7.0 0.0 7.4 12.0 0.1 298 10 11.5 254 128 10 27.6 7.3 6.0 20,0 1.9 1.7 221 119 1.03 0.32 0.98 0.010 14 0.00 3/4 88.44 88.44 0.0 56 56 368 7.4 6.9 15.0 0.1 14 11.7 358 139 9 27.7 7.1 6.1 19.7 2.4 2.1 216 0.83 0.21 1.02 0.010 76 13 0.00 3/5 152.07 113.55 38.52 58 58 7.2 6.9 12.0 4.5 430 103 10.4 261 185 80 7.3 6.3 19.4 2.8 2.5 246 27.2 0.78 0.41 3.32 0.010 116 14 0.00 3/6 53 132.61 124.97 7.64 53 7.4 6.9 14.0 0.1 340 20 11.2 241 152 18 10.4 8.4 18.5 3.5 2.8 209 9 28.3 68 88.0 0.41 2.17 0.010 56 0,00 3/7 101.16 101.16 0.0 54 54 7.5 6.9 12.0 0.1 304 15 11.0 256 159 10 10.3 4.0 236 28.9 8.6 17.4 4.7 52 0.93 0.39 1.45 0.010 44 10 0.00 3/8 56 56 91,45 91.45 0,0 7.4 6.8 24.0 0.1 438 9.1 384 184 10 28.0 14,1 12.2 16.3 2.6 2.2 258 102 0.77 0.30 1.49 0.010 26 8 13.00 3/9 87.53 87.53 0.0 58 58 7.3 6.7 13.0 0.1 334 16 8.8 13.5 24.00 261 169 9 28.6 11.4 15.7 3.3 2.9 244 73 0.97 0.27 1.51 0.010 13 11 3/10 89.73 89.73 0.0 59 59 7.4 316 12 6.8 16.0 0.1 10.3 307 99 8 27.5 10.0 8.3 19.0 2.6 2.0 254 123 1.00 0.25 1.42 0.010 3 14 23.00 3/11 244,57 131,53 113.04 57 57 7.3 6.7 10.2 4.0 360 55 10.7 216 192 77 27.9 7.5 6.3 20.0 2.3 2.0 218 0.97 98 0.18 6.98 0.010 1100 9 24.00 3/12 171.47 130.67 40.8 54 54 7.4 7.0 5.0 0.2 145 24 11.5 149 146 31 27.5 12.0 10.0 20.0 3.2 2.8 213 68 0.96 0.34 6.75 0.010 3050 7 24.00 3/13 143.48 131.71 11.77 59 59 7.5 7.0 17.0 0.2 306 16 9.8 259 128 19 27.7 7.0 5.6 19.7 2.2 1.8 227 94 1.04 0.35 2.53 0.010 396 ₿ 24.00 3/14 109.52 109.52 55 55 0.0 8.1 6.8 7.0 0.1 246 15 9.9 236 160 10 27.4 6,7 5,6 19.7 2.2 1.7 197 1.07 0.28 95 1.68 0.010 20 6 24.00 3/15 105.59 105.59 55 55 0.0 7.6 6.9 24.0 0.1 416 9.7 308 146 27.7 14.4 11.7 18.0 2.9 237 0.24 9 3,5 69 0.98 1.62 0.010 9 7 24.00 3/16 60 60 96.53 96.53 0.0 7.4 6.7 11,0 0.1 276 11 11.4 209 96 13,4 11.6 8 28.0 19.9 3.0 2.7 232 79 0.96 0.24 1.58 0.010 25 9 24.00 3/17 222,07 127,84 94.23 55 55 6.7 10,5 7.1 2.5 304 74 10.3 113 40 42 27.9 10,5 9.1 20.0 2,8 2.5 253 90 1,01 0.25 6.06 0.010 400 9 24.00 3/18 263.62 126.46 137.16 51 51 7,3 6.8 8.0 2.5 260 63 14.0 105 91 39 6,7 27.8 5,6 20.0 2,4 1.8 219 92 1.02 0.28 5.74 0.010 240 5 24.00 185.2 129.12 51 51 3/19 56.08 7.2 6.0 0.3 10.3 142 98 35 6.9 184 80 27.7 10.2 8.6 20.0 2.6 2.2 204 80 1,06 0.26 3.27 0.010 280 6 24.00 173.15 132.36 54 3/20 40.79 54 7.3 6,9 5,0 0.1 170 32 11.4 127 79 25 27.2 13.6 11.1 20.0 2,9 2.5 189 65 0,94 0.35 2.53 0.010 460 24.00 3/21 146.4 133.76 12.64 53 53 7.3 6.8 14.0 0.1 256 25 10.6 180 109 23 27.4 11.9 9.7 19.9 3.1 2.3 186 61 0.90 0.27 2.35 340 24.00 0.010 В 3/22 56 56 250 121.64 121.64 0.0 7.3 7.0 10.0 0,1 17 11.1 197 214 11 27.8 8,9 6.8 20.0 3.1 1.9 187 61 0.96 0.32 2.33 0.010 50 9 24.00 3/23 109,46 109,46 0.0 57 57 7.1 6.6 20.0 0.1 392 12 11.6 249 105 8 27.8 12,5 10.9 20.0 2.2 2.1 199 90 1.06 0.32 1.98 44 0.010 9 24.00 3/24 187.97 124.76 63.21 56 56 7.2 7.0 10.0 0.7 272 25 11.4 158 85 28 27.1 10,7 9.1 19.8 2.6 201 0.32 2.8 61 1.02 4.02 0.010 550 9 24.00 3/25 152,36 131.22 21.14 52 52 7.1 6.9 3.0 0.1 232 31 11.4 114 68 14 27.1 11.0 9,9 20,0 2.8 2.5 197 71 0.86 0.31 3.21 0.010 44 9 24.00 3/26 113.34 113,34 0.0 54 54 7.2 6.8 9.5 0.2 270 17 9.7 170 92 26.8 9,7 8.0 20.0 2.7 2.2 191 73 0.81 0.37 3.00 0.010 6 11 24.00 3/27 103,09 103,09 0.0 55 55 7.2 6.7 10.5 0,1 294 11 10.7 204 91 9 26,8 9.7 8.3 19.8 2.6 2.3 190 75 0.85 0.26 1.92 0.010 12 12 24.00 3/28 95.97 95,97 0.0 57 57 7.3 6.7 12.0 0.1 364 14 11.2 272 130 10 27.5 12.2 10.3 19.9 3.2 2.8 199 62 0.90 0.27 2.18 0.010 12 24.00 11 3/29 95.22 58 7.3 368 95.22 0.0 58 6.8 22.0 0.1 13 10.4 405 144 9 27.5 12.7 10.8 18.7 3.2 2.7 222 71 1.05 0.29 1.91 0.010 24.00 177 11 3/30 56 56 87.9 87.9 0.0 7.5 6.6 17.0 0.1 328 11 10.8 231 86 11 27,4 12.5 10.5 18.6 3.1 72 1.05 2.7 216 0.33 1.35 0.010 13 13 24.00 58 27.5 3/31 90.43 90,43 0.0 58 7.4 6.9 20.0 0.1 318 10.7 239 82 8 9.7 8.3 20.0 2.5 2.1 199 81 0.98 0.33 1.39 2 15 0.010 11.00 Total 4046.0 3409.0 637.0 857.4 29.820 9.350 551.00 130.5 110.0 20.5 56 7.4 Average 56 6.8 13.2 0.6 303 26 10.8 229 126 20 27.7 10.6 8.9 19.4 2.4 216 80 2.8 0.96 0.30 2.59 0.010 10 0.00

SEWER CONNECTIONS

131375 TIMES 4 = 525500 SEWER POPULATION

IND. WASTER POPULATION EQ CUSTOMERS FLOW

BOD

TSS

375 717517

940580 1044897

Authorized Agent Saluule

Certification No. 4663

# MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

INDIVIOUS CIVINA	AVOLEANVIEW HVEW HAICHAL LEWIAL	15555 14 00014
Month of	Mar-13	
Average Flow	**************************************	

	Primary		Secondary	
SETTLING TANKS		Battery A	Battery B	Battery C
Average Flow (MGD)	132.43	34.27	36.55	10.97
Tanks in Service	4.00	7.3	8.0	4.0
Surface Area (Ft.2)	77000.00	62973.04	69200.00	34506.85
Volume (MG)	8.33	6.45	7.09	3.53
Weir Length (Ft.)	2860.00	2609.92	2868.00	1430.14
Avg. Weir Overflow (GPD/Ft)	46304.54	13131.08	12744.42	7673.49
Avg. Settling Rate (GPD/Ft2)	1719.88	718.13	701.09	455.53
Avg. Detention Time	1.51	4.52	4,65	7.73
·				

AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	
Avg. Flow (MGD)	45.22	48.52	15.72
Avg. Detention Time (Hours)	2.94	2.76	4.59

# CHLORINE CONTACT CHAMBERS

Contact Chambers in Use 2.0
Volume (Gallons) 2340000
Avg. Detention Time (Hours) 0.82

Remarks: BY-PASS REPORTS (See Attached)



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

SMH Sewer Manhole 00056-W 804 N ARBOR DR MIDDLE FORK GROUND

BEARGRASS CREEK

Activity Code / Description WO # Initiated Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

 DISREV: RAIN EVENT
 1657209
 03/18/13
 08:05 AM
 SINGLETON
 OPS BSHIFT
 DOCUMENTED
 12/15/07
 LACK OF SYSTEM
 UNAUTHORIZED
 03/18/13
 08:15

DISCHARGE CAPACITY DISCHARGE-WATER P

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#### Spot Inspections:

Discharge Amount:	14,600 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 08:05 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

3726 FINCASTLE RD **GROUND** 08717 SMH Sewer Manhole SOUTH FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DISREV: RAIN EVENT 1657520 03/18/13 05:10 AM MITCHELL **GRIFFITH** DOCUMENTED 12/15/07 LACK OF SYSTEM UNAUTHORIZED 03/20/13 01:59 DISCHARGE-WATER

DISCHARGE CAPACITY

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#### Spot Inspections:

Discharge Amount:	86,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657807
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:32 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, 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 Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 08935-SM 1001 BRECKENRIDGE LN MIDDLE FORK STREAM

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1655051 03/11/13 12:56 PM GRIFFITH GRIFFITH DOCUMENTED 11/29/01 LACK OF SYSTEM UNAUTHORIZED 03/11/13 06:35

DISCHARGE CAPACITY DISCHARGE-WATER PM

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#### Spot Inspections:

Discharge Amount:	198,695 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	PIPE DISCHARGE SUBMERGED - NO CLEANUP
Control Zone:	PERMANENT SIGNS AROUND LOCATION
Impact:	NO DEBRIS OBSERVED - SUBMERGED DISCHARGE
Repair:	LOCATION INCLUDED IN THE IOAP

03/11/13 01:24 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov

Condition



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES# KY0022411 (Cont'd) **Facility ID** MSD0278

**Water Quality Treatement Center MORRIS FORMAN** 

**Receiving Stream of Treatment Center OHIO RIVER** 

Region **WEST** 

**Activity Code / Description** DISREV: RAIN EVENT DISCHARGE

**WO**# 1656923

<u>Initiated</u> 03/18/13 06:10 AM Initiated By GRIFFITH

**Assigned To GRIFFITH** 

**Disch Status** DOCUMENTED Event Date 11/29/01

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

Result UNAUTHORIZED

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Completed 03/19/13 01:23

DISCHARGE-WATER AM

### Spot Inspections:

Discharge Amount:	3,203,055 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEANUP REQUIRED, PIPE DISCHARGE SUBMERGED
Control Zone:	NONE NEEDED PERMANENT SITE
Impact:	NO DEBRIS OBSERVED - PIPE SUBMERGED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 06:56 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole1042314119 LEE AVECAMP TAYLOR DITCHGROUND

WO # **Activity Code / Description** Initiated **Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657528 03/18/13 05:15 AM MITCHELL **GRIFFITH** DOCUMENTED 10/23/07 LACK OF SYSTEM **UNAUTHORIZED** 03/19/13 04:26 DISCHARGE **CAPACITY** DISCHARGE-WATER PM

#### Spot Inspections:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657798
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:37 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

4119 LEE AVE **GROUND** 13943 SMH Sewer Manhole SOUTH FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657531 03/18/13 05:12 AM MITCHELL **GRIFFITH** DOCUMENTED 03/19/08 LACK OF SYSTEM UNAUTHORIZED 03/19/13 04:25

DISCHARGE CAPACITY DISCHARGE-WATER

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#### Spot Inspections:

Discharge Amount:	1,320 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657751
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:39 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

3302 TROUT CREEK DR STREAM 23211 SMH Sewer Manhole SOUTH FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DISREV: RAIN EVENT 1657545 03/18/13 08:14 AM MITCHELL **GRIFFITH** DOCUMENTED 02/22/00 LACK OF SYSTEM UNAUTHORIZED 03/18/13 05:29 DISCHARGE

CAPACITY DISCHARGE-WATER

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#### Spot Inspections:

Discharge Amount:	126,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657727
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:56 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 26728 645 EMILY RD MUDDY FORK DITCH

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISDW: DRY WEATHER 1662891 03/30/13 06:03 PM MADDEN SR MADDEN SR REPAIRED - 03/30/13 ROOTS UNAUTHORIZED 03/30/13 07:14

DISCHARGE ISSUE DISCHARGE-WATER PM

RESOLVED S

#### Spot Inspections:

Discharge Amount:	30 GAL
Cause:	ROOTS IN THE MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SOME SEWAGE/WATER DISCHARGED FROM MH INTO THE CREEK
Repair:	WORK ORDER 1662894,1662899; FLUSHED THE MAIN TO CLEAR THE OBSTRUCTION

03/30	0/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/30	0/13 06:50 PM	DISNOT	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA



KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

3317 BROWNSBORO RD DITCH 26752 SMH Sewer Manhole MUDDY FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1656932 03/18/13 05:42 AM GRIFFITH **GRIFFITH** DOCUMENTED 04/04/08 LACK OF SYSTEM UNAUTHORIZED 03/19/13 06:39

AM

DISCHARGE CAPACITY DISCHARGE-WATER S

## Spot Inspections:

Metropolitan Sewer District

Discharge Amount:	65,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657966
Control Zone:	PERMANENT SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 07:22 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCAHRGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 27005 1012 ALTA CIR MIDDLE FORK GROUND

BEARGRASS CREEK

Activity Code / Description WO # Initiated Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1655065 03/11/13 01:19 PM FIELDS GRIFFITH DOCUMENTED 09/02/03 LACK OF SYSTEM UNAUTHORIZED 03/11/13 06:07

DISCHARGE CAPACITY DISCHARGE-WATER PN S

## Spot Inspections:

Discharge Amount:	1,600 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655296
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/11/13 01:43 PM	DISPUB	PUBLIC NOTIFIED THROUGH TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



KPDES # KY0022411 (Cont'd) Facility ID MSD0278

Water Quality Treatement Center MORRIS FORMAN

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description
DISREV: RAIN EVENT
DISCHARGE

<u>WO #</u> 1656895 Initiated 03/17/13 03:03 PM Initiated By GRIFFITH Assigned To GRIFFITH

Disch Status

DOCUMENTED

Event Date Prob

Problem

LACK OF SYSTEM

CAPACITY

Result
UNAUTHORIZED

Completed Condition 03/19/13 05:51

Y DISCHARGE-WATER AM

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#### Spot Inspections:

Discharge Amount:	36,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657958
Control Zone:	CAUTION TAPE PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/17/13 08:29 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole367633530 FINCASTLE RDCAMP TAYLOR DITCHGROUND

WO # **Activity Code / Description** Initiated **Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657540 03/18/13 07:40 AM MITCHELL **GRIFFITH** DOCUMENTED 07/29/09 LACK OF SYSTEM **UNAUTHORIZED** 03/20/13 02:01 DISCHARGE **CAPACITY** DISCHARGE-WATER PM

#### Spot Inspections:

Discharge Amount:	1,440 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657738
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:51 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, 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 Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 40559 1012 ALTA CIR MIDDLE FORK STREAM

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1656926 03/18/13 05:46 AM FIELDS GRIFFITH DOCUMENTED 01/26/12 LACK OF SYSTEM UNAUTHORIZED 03/18/13 03:04

DISCHARGE CAPACITY DISCHARGE-WATER PM

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#### Spot Inspections:

Discharge Amount:	4,900 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657685
Control Zone:	CAUTION TAPE AND BARRICADE PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 06:58 AM	DISPUB	PUBLIC NOTIFIED THROUGH TEMPORARY SIGNS AND CAUTION TAPE TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 40879 5 RIO VISTA DR MUDDY FORK STREAM

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657273 03/18/13 10:55 AM SINGLETON OPS BSHIFT DOCUMENTED 01/27/12 LACK OF SYSTEM UNAUTHORIZED 03/18/13 08:40

DISCHARGE EAST CAPACITY DISCHARGE-WATER PM

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#### Spot Inspections:

Discharge Amount:	146,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	CONTRACTOR CLEANED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE & DEBRIS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALAUATE FOR REPAIR

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 10:55 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 41374 300 MOCKINGBIRD VALLEY RD MUDDY FORK DITCH

BEARGRASS CREEK

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**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657518 03/18/13 11:46 AM **FIELDS GRIFFITH** DOCUMENTED 03/27/08 LACK OF SYSTEM UNAUTHORIZED 03/19/13 06:39

DISREV: RAIN EVENT 1657518 03/18/13 11:46 AM FIELDS GRIFFITH DOCUMENTED 03/27/08 LACK OF SYSTEM UNAUTHORIZED 03/19/13 06:39
DISCHARGE CAPACITY DISCHARGE-WATER AM

DISCHARGE

### Spot Inspections:

Discharge Amount:	27,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657822
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:27 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 45835 1132 ROSTREVOR CIR MIDDLE FORK GROUND

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1656896 03/17/13 04:59 PM FIELDS GRIFFITH DOCUMENTED 09/02/03 LACK OF SYSTEM UNAUTHORIZED 03/18/13 03:14

DISCHARGE CAPACITY DISCHARGE-WATER PM

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#### Spot Inspections:

Discharge Amount:	37,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 1657716
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/17/13 08:35 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

201 BULLITT LN STREAM 47582 SMH Sewer Manhole MIDDLE FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DISREV: RAIN EVENT 1657228 03/18/13 08:56 AM **FIELDS GRIFFITH** DOCUMENTED 12/05/11 LACK OF SYSTEM UNAUTHORIZED 03/19/13 06:09

DISCHARGE CAPACITY DISCHARGE-WATER AM

S

#### Spot Inspections:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657861
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED - HEAVY DISCHARGE
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 10:11 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 47583 202 OXMOOR LN MIDDLE FORK STREAM

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657229 03/18/13 08:56 AM FIELDS GRIFFITH DOCUMENTED 02/06/08 LACK OF SYSTEM UNAUTHORIZED 03/19/13 06:09

DISCHARGE CAPACITY DISCHARGE-WATER AM

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#### Spot Inspections:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657850
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 10:13 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 51160 3305 INDIAN CREEK CT SOUTH FORK GROUND

BEARGRASS CREEK

S

Activity Code / Description WO # Initiated By Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657534 03/18/13 08:40 AM MITCHELL GRIFFITH DOCUMENTED 04/04/08 LACK OF SYSTEM UNAUTHORIZED 03/18/13 05:29

DISCHARGE CAPACITY DISCHARGE-WATER PM

<u> </u>	
Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657745
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

#### Notifications:

Spot Inspections:

03/18/13 01:43 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, 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 Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 51161 2008 DAVID GRAVES DR SOUTH FORK GROUND

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657521 03/18/13 09:00 AM MITCHELL GRIFFITH DOCUMENTED 04/04/08 LACK OF SYSTEM UNAUTHORIZED 03/18/13 05:37

DISCHARGE CAPACITY DISCHARGE-WATER PM

S

#### Spot Inspections:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657803
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:34 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



Initiated Mar 01, 2013 12:00 AM thru Mar 31, 2013 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, 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 Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 51594 1418 TREVILIAN WAY SOUTH FORK DITCH

BEARGRASS CREEK

Activity Code / Description WO # Initiated Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1655061 03/11/13 12:49 PM MITCHELL GRIFFITH DOCUMENTED 09/12/06 LACK OF SYSTEM UNAUTHORIZED 03/11/13 04:05

DISCHARGE CAPACITY DISCHARGE-WATER PM

S

#### Spot Inspections:

Discharge Amount:	1,200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655300
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/11/13 01:41 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



KPDES # KY0022411 (Cont'd) Facility ID MSD0278

Water Quality Treatement Center MORRIS FORMAN

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Condition

Activity Code / Description
DISREV: RAIN EVENT
DISCHARGE

<u>WO #</u> 1657525

<u>Initiated</u> 03/18/13 05:05 AM Initiated By MITCHELL Assigned To GRIFFITH Disch Status

DOCUMENTED

Event Date Problem
09/12/06 LACK OF SYSTEM

CAPACITY

TEM U

S

ResultCompletedUNAUTHORIZED03/18/13 04:10

03/18/13 04:10 PM

DISCHARGE-WATER

### Spot Inspections:

Discharge Amount:	54,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657800
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:35 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



DISCHARGE-WATER

PM



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, 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 Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole663493726 FINCASTLE RDCAMP TAYLOR DITCHGROUND

WO # **Activity Code / Description** Initiated **Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657519 03/18/13 05:09 AM MITCHELL **GRIFFITH** DOCUMENTED 03/04/08 LACK OF SYSTEM **UNAUTHORIZED** 03/20/13 01:58

DISCHARGE

### Spot Inspections:

Discharge Amount:	7,200 GAL	
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN	
Clean Up:	DISCLN WO# 1657816	
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED	
Impact:	LIGHT DEBRIS OBSERVED	
Repair:	LOCATION INCLUDED IN THE IOAP	

**CAPACITY** 

03/18/13 01:30 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SMH Sewer Manhole 84155 7913 SHELBYVILLE RD MIDDLE FORK GROUND

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657218 03/18/13 09:45 AM FIELDS GRIFFITH DOCUMENTED 03/10/11 LACK OF SYSTEM UNAUTHORIZED 03/18/13 03:59

DISCHARGE CAPACITY DISCHARGE-WATER PM

S

#### Spot Inspections:

Discharge Amount:	30,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657684
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE
Impact:	HEAVY DEBRIS OBSERVED IN DISCHARGE
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 09:56 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

37 ARROWHEAD RD **GROUND** 89791 SMH Sewer Manhole MUDDY FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DISREV: RAIN EVENT 1657130 03/18/13 07:15 AM **FIELDS GRIFFITH** DOCUMENTED 06/23/11 LACK OF SYSTEM UNAUTHORIZED 03/18/13 03:35

DISCHARGE CAPACITY DISCHARGE-WATER

S

#### Spot Inspections:

Discharge Amount:	8,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NONE NEEDED DUE TO VERY LIGHT DISCHARGE AND MAGNITUDE OF STORM
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	NONE TO VERY LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 08:27 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole992593536 FINCASTLE RDCAMP TAYLOR DITCHGROUND

WO # **Activity Code / Description Initiated Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657543 03/18/13 07:41 AM MITCHELL **GRIFFITH** DOCUMENTED 07/29/09 LACK OF SYSTEM **UNAUTHORIZED** 03/20/13 02:02 DISCHARGE **CAPACITY** DISCHARGE-WATER PM

#### Spot Inspections:

Discharge Amount:	720 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 1657732
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:53 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

3305 BENT CREEK CT **GROUND** BU05074039 SSL Sewer Service Line SOUTH FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DISREV: RAIN EVENT 1657536 03/18/13 08:34 AM MITCHELL **GRIFFITH** DOCUMENTED 02/24/11 LACK OF SYSTEM UNAUTHORIZED 03/18/13 05:31

DISCHARGE CAPACITY DISCHARGE-WATER

S

#### Spot Inspections:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657742
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:46 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSSL Sewer Service LineKK148150194108 LEE AVECAMP TAYLOR DITCHGROUND

WO # <u>Initiated</u> **Activity Code / Description Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657533 03/18/13 05:14 AM MITCHELL **GRIFFITH** DOCUMENTED 07/29/09 LACK OF SYSTEM **UNAUTHORIZED** 03/19/13 04:23 DISCHARGE **CAPACITY** DISCHARGE-WATER PM

#### Spot Inspections:

Discharge Amount:	200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657751
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

03/18/13 01:41 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGE
03/18/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

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

SLS Sewer Lift Station MSD0057-LS 806 PINE WAY ANCHOR ESTATES #2 MIDDLE FORK STREAM

BEARGRASS CREEK

Activity Code / Description WO # Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

DISREV: RAIN EVENT 1657210 03/18/13 08:10 AM SINGLETON OPS BSHIFT DOCUMENTED 12/16/00 LACK OF SYSTEM UNAUTHORIZED 03/18/13 12:23

DISCHARGE CAPACITY DISCHARGE-WATER P

S

#### Spot Inspections:

Discharge Amount:	2,530 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & OBSERVE FOR REPAIR

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 08:10 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region KY0022411 (Cont'd) MSD0278 **MORRIS FORMAN OHIO RIVER WEST** 

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

DITCH MSD0186-PS 2120 INDIAN HILLS TRL MUDDY FORK SLS Sewer Lift Station MUDDY FORK

BEARGRASS CREEK

**Activity Code / Description** WO# Initiated Initiated By Assigned To **Disch Status Event Date** Problem Result Completed Condition DISREV: RAIN EVENT 1657268 03/18/13 10:55 AM SINGLETON **OPS BSHIFT** DOCUMENTED 01/27/12 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 08:40

DISCHARGE **EAST** CAPACITY DISCHARGE-WATER

S

#### Spot Inspections:

Discharge Amount:	11,700 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	CONTRACTOR CLEANED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

#### Notifications:

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 10:55 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov

**Total Facilities Printed: 27** Total Work Orders Printed: 30