

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

February 21, 2007

Ms. Kathy Thurman Kentucky Division of Water 14 Reilly Road Frankfort, Kentucky 40601

RE:

West County Treatment Plant, KPDES No: KY0078956

Discharge Monitoring Report

January 2007

Dear Ms. Thurman:

Attached are the Discharge Monitoring Report (DMR) for the West County Wastewater Treatment Plant, for the month of January 2007. Additionally, the discharge spreadsheet for the West County WTP system is enclosed with this letter.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

Kevin D. Ries

Process Supervisor, West Region

Kevi D. Ross

KDR/West County 1206.doc

Enclosures

cc: P. Burgin

T. Singleton

R. Shaw





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

February 23, 2007

Ms. Kathy Thurman Division of Water, KPDES Branch 14 Reilly Road, Frankfort Office Park Frankfort, Kentucky 40601

Subject: Signature Authority for Discharge Monitoring Reports (DMRs

Dear Ms. Thurman:

This letter is to clarify the individuals authorized to sign the Discharge Monitoring Reports for wastewater treatment plants owned and operated by the Metropolitan Sewer District (MSD). The following individuals will be authorized to sign as my signatory in the future for Discharge Monitoring Reports.

- Alex Novak
- Dennis Thomasson
- Eric Brady
- Kevin Ries
- Jim Porter
- John Kessel
- Rich Galardi
- Robert Bates

Please contact me at 502-540-6346 if you have questions or need additional information.

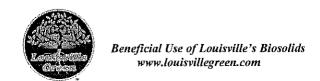
Sincerely,

H. J. Schardein, Jr.

Executive Director

HJS/egb

cc: Mr. Courtney Seitz, Inventory and Data Management Section, KPDES Branch





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

February 21, 2007

Mr. Michael Mudd Kentucky Division of Water 9116 Leesgate Rd. Louisville, Kentucky 40222

RE:

West County Treatment Plant, KPDES No: KY0078956

Discharge Monitoring Report

January 2007

Dear Mr. Mudd:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) report for the West County Wastewater Treatment Plant, for the month of January 2007. Additionally, the discharge spreadsheet for the West County WTP system is enclosed with this letter.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

Kevin D. Ries

Process Supervisor, West Region

Keus D. Re

KDR/West County 1206.doc

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

HED WEST COUNTY STP

ADDRESS COOK LINESVILLE/JEFF CO MSD

ASSE ALGONOUTH PKMY

LOUISVILLE

FACILITY WSD WEST COUNTY STP

KY 40211-2497

AY 40272

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

MONITORING PERIOD

TO

KYOOZBOKA PERMIT NUMBER

MO

DAY

YEAR

FROM

53 DISCHARGE NUMBER

YEAR MO DAY

MAJOR (SUBR EV) F - FINAL

JEFFE

MUNICIPAL WASTEWATER

EFFLUENT

*** NO DISCHARGE | | ***

NOTE: Road Instructions before completing this form

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

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

KY0078956 PERMIT NUMBER DISCHARGE NUMBER

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EFFLUENT

JEFFF

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LOUISVILLE FACILITY MEST COUNTY STP LOCATION DUISVILLE

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

MSD WEST COUNTY STP

ADDRESS CAR I RUISVILLE/JEFF CO MSD

NAME

KY 40211-2477

KY 40272

MONITORING PERIOD YEAR MO DAY YEAR MO DAY то 🗀

*** NO DISCHARGE ! / ***

MUNICIPAL WASTEWATER

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

USE MB AVO FOR BODYTSS REMVIREPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

MEST COUNTY STP

ADDRESS CAN LOUISVILLE/JEFF CO MSD

ASEC ALCONGUIN PARY

LOUISVILLE FACILITY MESO WEST COUNTY STE KY 40211-2497

KY 40272

MY007895& PERMIT NUMBER

YEAR MO

FROM

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

MONITORING PERIOD

TO

DAY

DISCHARGE NUMBER

DAY

YEAR MO

MALKIN (SUBR LV) F - FINAL

JEFFE

MUNICIPAL WASTEWATER

EFFLUENT

*** NO DISCHARGE ! ! ***

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

USE MD AVO FOR BODZISS REMVIREPT IN MINIPUM COLUMN.

MONITORING PERIOD

TO

DAY

Form Approved. OMB No. 2040-0004

MSG WEST COUNTY STP

NAME

ADDRESS 0/0 10018VILLE/JEFF 00 MSD

ASSE ALGOROUSN PAMY

LOWISVILLE

LOCATION LOUISVILLE

FACILITY HED WEST COUNTY STP

KY 40211-2497

KY 40272

KVOOZBYSA PERMIT NUMBER

MO

YEAR

FROM

63/34 12 DISCHARGE NUMBER

DAY

YEAR MO

01

MAJOR (SUBR LV) F - FINAL

JEFFE

REASONABLE FOTENTIAL

EFFLUENT

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

IMS0124 Discharge Report Jan 01, 2007 12:00 AM thru Jan 31, 2007 11:59 PM

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

KPDES #
KY0078956

Facility ID MSD0277 Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant

Region WEST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

OHIO RIVER

Receiving Stream

Discharge to

SMN Sewer Main

78846-V

5501 FERN VALLEY RD

Discharge to

Activity Code / Description
DISDW: DRY WEATHER DISCHARGE

<u>WO#</u> 627994 Initiated 01/05/07 3:00 PM

Initiated By RUSSELL KOPP Problem
STRUCTURAL FAILURE

Resolution

Completed

DISCHARGE TO WATERS OF

01/05/07 04:30 PM

THE US

Spot Inspections:

Discharge Amount:	30 GAL
Cause:	FORCE MAIN BRAKE, NORTH OF SND78847-CO IN GRASS & PARKING LOT AREA
Clean Up:	AREA RAKED & DEBRIS HAULED,AREA WASHED DOWN,
Control Zone:	SIGNS POSTED EACH SIDE OF AFFECTED AREA, FLAGS TO MARK AFFECTED AREA, REMOVED AFTER CLEAN-UP
Impact:	DEBRIS & SOLIDS WENT INTO A STORM SEWER THAT WAS RUNNING FULL.
Repair:	MAC EXCAVATED & REPLACED BROKEN PIPE. CONCRETE CURB REPLACED, GROUND REGRADED, STRAW MAT & GRASS SOWED. PARKING LOT FILLED & ROAD BED COMPLETE.

Notifications:

and on recommendate the management of the control o		
01/05/07 12:59 PM	Email notification of unauthorized discharge sent to Zapata.Cesar@epamail.epa.gov and eppc.ert@ky.gov	

Name o	Name of Sewage Treatment Plant: West County WTP									-	Jefferson County					M	ionth of:			J	anuary			-	20	07									
KPDES	Permit N	ımber;				KY00	78956		_	Plant Ca	apacity:	_	3	O MGD		County			Receiv	ing Stream	m:	_		Ohio F			ver								
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8	35.22			7.0	*************		,			7.3		222		7				. 177		11		3,3				1.36	1.09	110.0	81				0.010	4.82	2
9	30.45			7,3	7.3					7.5		374		9				299		13		3.6				1.65	1.28	140.0	85		1.29		0,010	6,33	1
10	23.88			7.2					<u> </u>	6.8		282		7				248		12		3.7				1.93	1.50	150.0	78				0.010	4,98	1
11	23,84			7.4	7.3				ļ	7.5		352		5				291		9		3.1				1.76	1.35	150.0	85				0.010	4.09	
12	24.63			7.3	+				-	7.0		252 100		6 9				182 192		10 11	***********	2.8 0.0				1.83 0.00	1.39 0.00	150.0	82				0.010 0.010	3.00	
13	49.53 71.77			7.2 7.3	6,9 7.3				ļ	7.5		122	-	12				116		16		3.4				1.26	1.00	100.0	79	\vdash		4.29	0.010	2.00	1
15	64.28			7.4	7.4					8.1		202		10				161		14		2.9				1.27	1.01	100.0	79			7.2.2	0.010	2.41	一首
16	43.29			7.3	·		 -			8.1		320		6				243		11		2.9				0.97	0.66	90.0	93		0.75		0.010	2.91	1
17	33.66			7.3	7.3					7.5		202		6				201		10		3.6				1.46	1.08	130.0	89				0,010	3.81	1
18	30,98			7.3	7.4					7.3		96		5				100		8		3.1				1.47	1.18	140.0	95				0.010	4.09	1
19	26,38			7.2	7.3					7.1		140		5				106		7		2.7				1.45	1.14	130.0	90				0.010	4.31	1
20	25,54			7.5	} 				ļ	6.8		162		6				130		9		2.4				1.17	0.91	120.0	103			6.84	0.010	5.04	1
21	38.23			7.4	7.5				ļ	6.8		134		9				115		18		2.3				1.51 1.20	1.14	110,0 100.0	73 83				0.010 0.010	4.87 4.14	
22	31.80			7.3	7.3				ļ	8.6		111	_	6 6				97 125		12 9		2.4 2.4				1,20	0.91 0.96	110.0	88		1.22		0.010	4.14	
23 24	28.76 27.78			7.3 7.4	7.2 7.2			 	 	8.1 8.5		144	\dashv	5		***********		121		8		2.6				1.18	0,95	120.0	102		1.22		0.010	4.70	1
25	26.15	.,		7.4	7.4					8.3		182		5				173		9		2.2				1.27	1.06	110.0	87				0.010	4.93	1
26	23.37			7.3	7.5					8.0	\neg	146		7				106		11		2.8				1.45	1.17	130.0	90				0.010	5.00	1
27	23.75			7.4	7.4					7.5		98		10				87		13		2.6				1,38	1.08	140.0	101			9,33	0.010	6,00	2
28	23.30			7.5	7.3					8.1		168		8				203		20		2.7				1.21	0.90	140.0	116				0.010	7.39	3
29	21.38	.,		7.4	7.3				<u> </u>	7.9		202		7				193		13		2.7				1.36	1.03	140.0	103				0,010	5.88	
30	22,85			7.3	7.2				<u> </u>	8,1		206		7				172		14		2.4				1.36 1.28	1.04	130.0 130.0	96 102		1.32		0.010	5.82 6.05	-1
31	40.97			7.4	7.3		X WEST	sanasia	.002.00 Miles	7.8	85180.05260 II	206	396682 S	7 1866 (186	oriolis in the control	(Charles	adversass?	194	SSSS LIDS	14	0.0	2.3	0.0	30.00W)	water en	1.20	1.07	130.0	HERNARE TOPE			and the second	0.010	GASSES	
Total	1012.4 32,66	O	O California	7.3	7.3		THE REAL PROPERTY.	3512	30055672	7.5		180	23300000	7	PHILIPPINE	Sensoladoses (WINDSTYLL	158	NEW COLUMN	12	U,U	2.6	0.0	SEKSTREAR OF	ASSESSMENT.	1.27	1.00	116.67	90		1.13	7.11	0.010	4.78	1
Avg.	32,00			[7.3	[7,3]			L	L	1 1,0		1001						1001					-		<u> </u>					, -,,					
Resider	imber of S itial Conne rcial Conr	ections:		ions:					0		-		1029	Populat	ion Equ		253918	3		2340						Operato Cert. #		ibn Greei 16155	n						
	at Connec Connection					Ċ)		-				Flow		•		BOD			TS	5					Phone	# .	502 540-	6042						

NAME OF SEWAGE TREATMENT PLANT WEST COUNTY WTP

Month of:

January 2007

Average Flow 32.66 MGD

		Weather Data		
Date	High	Low	Rainfall	Remarks
1		-		Called API to vactor screen hoppers
2				
3				Hypo delivered 4477 gals.
4			1.02	Drain and hose out #6 Clarifier. Flow low and clarifier not needed.
5			0.42	
6				Added oil to #1 blower
7			0.5	Called API to vactor screen and grit hoppers.
8				Started draining #6 clarifier. Clarifier no longer needed due to low flow.
9				Found 4A pump kicked out. Reset pump and put it back in service.3A I/S
10				The state of the s
11				Called API to vactor sreen hoppers.
12		· · · · · · · · · · · · · · · · · · ·		Closed inlet and outlet for 4B pump so that maint. Can work on it.
13			0.88	Put #1 bar screen I/S due to high flow.Put #6 clarifier I/S.
14				Close off on 120" gate from 25% to 15% to 12%.
15				Ordered hypo and sodium bisulf.
16				Put 1B pump I/S in auto, took 2B pump O/S would not run in auto.
17		***************************************	*	Found PLC in pump build. Had blown fuse. Maint fix, all fine.
18				Ordered hypo.
19				Hosed on #6 clarifier. Clarifier O/S due to low flow and needed cleaning.
20			0.55	Hypo delivery on plant with 4389 gals.
21				Put 1B pump I/S due to high 120" level.
22				
23				
24				#2 barscreen repaired and now I/S. Put #3 barscreen on S/B
25				#2 barscreen not operating properly. Took it O/S and put #3 I/S.
26				Called to order hypo.
27				Added oil to #1 blower.
28				
29				#2 barscreen repaired and put I/S. Put barsrenn screw conveyors I/S.
30				Switched W2 pumps from #1 to #2 per PM sheet.
31				Sodium Bisulfite delivered on plant
Total			4.42	
Avg.			0.55	