



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

July 19, 2011

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report-June 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 June 2011.

Also attached are the second quarter Biomonitoring DMR's.

There were no exceedences, bypass or overflow reports.

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 6.11.doc

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

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

0012
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
FROM 11 06 01 TO 11 06 30

NOTE: Read instructions before completing this form

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	8.9	*****	*****	(19) MG/L	0	1/1	GR		
PH	PERMIT MEASUREMENT	*****	*****	***	7.0 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB		
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.0	*****	7.4	(12) SU	0	1/1	GR		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB		
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	3627	5107	(26) LBS/DY	*****	133	225	(19) MG/L	0	3/7	CP		
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	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		
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	61	93	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP		
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	1876 MO AVG	2815 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	390	532	(26) LBS/DY	*****	16	28	(19) MG/L	0	3/7	CP		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	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		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2	4	(26) LBS/DY	*****	0.1	0.2	(19) MG/L	0	3/7	CP		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	250 MO AVG	375 MX WK AV	(26) LBS/DY	*****	4 MO AVG	6 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4	7	(26) LBS/DY	*****	0.1	0.2	(19) MG/L	0	3/7	CP		
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	63 MO AVG	94 MX WK AV	(26) LBS/DY	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS		
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 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.								TELEPHONE		DATE		
H J SCHARDEIN EXECUTIVE DIRECTOR	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								502	540-6000	11	07	20
TYPED OR PRINTED									AREA CODE	NUMBER	YEAR	MO	DAY

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

DISCHARGE MONITORING REPORT (DMR)

NAME CEDAR CREEK WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8405 CEDAR CREEK RD

LOUISVILLE KY 40211

FACILITY CEDAR CREEK WQTC MSD

LOCATION LOUISVILLE KY 40291

ATTN: DENNIS THOMMASSON SR. METRO OPS

KY0098540

PERMIT NUMBER

001 2

DISCHARGE NUMBER

MAJOR

(SUBR LV)

F - FINAL

JEFFE

NEW EXPANSION

EFFLUENT

[] No Discharge

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
11	06	01		11	06	30

NOTE: Read instructions before completing this form

PARAMETER		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	SAMPLE MEASUREMENT	3.26	8.30	(03) MGD	*****	*****	*****	***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	4	4	(13) 100ML	0	3/7	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/ WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0	SAMPLE MEASUREMENT	1821	2133	(26) LBS/DY	*****	69	95	(19) MG/L	0	3/7	CP
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0	SAMPLE MEASUREMENT	59	93	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	625 MO AVG	938 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/30	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(23) CENT	0	1/30	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
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 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.					TELEPHONE		DATE			
H J SCHARDEIN EXECUTIVE DIRECTOR						502 540-6000		11 0 7 20			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER				

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

PERMITTEE NAME/ADDRESS (Include

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

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

KY0098540
 PERMIT NUMBER

001 Y
 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY
 FROM 11 04 01 TO 11 06 31

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 METALS/BIOMONITORING/QUARTERLY
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40291

ATTN: DENNIS THOMMASSON SR. METRO OPS

NOTE: Read instructions before completing this form

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
HARDNESS, TOTAL (AS CACO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	249	249	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM, DISSOLVED (AS CD) 01025 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0005	<0.0005	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
COPPER, DISSOLVED (AS CU) 01040 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.007	0.007	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
LEAD, DISSOLVED (AS PB) 01049 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.001	<0.001	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
ZINC, DISSOLVED (AS ZN) 01090 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.032	0.032	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.032	0.032	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0005	<0.0005	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
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 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 those 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	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	11	07	20
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

LOCATION LOUISVILLE KY 40291

ATTN: DENNIS THOMMASSON SR. METRO OPS

DISCHARGE MONITORING REPORT (DMR)

KY0098540
 PERMIT NUMBER

001 Y
 DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 11	04	01	TO	11	06	31

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 METALS/BIOMONITORING/QUARTERLY
 EFFLUENT
 [] No Discharge

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LEAD	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.001	<0.001	(19) MG/L	0	1/90	CP
TOTAL RECOVERABLE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
01114 1 0 0											
EFFLUENT GROSS VALUE											
COPPER	SAMPLE MEASUREMENT	*****	*****	***	*****	0.007	0.007	(19) MG/L	0	1/90	CP
TOTAL RECOVERABLE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
01119 1 0 0											
EFFLUENT GROSS VALUE											
TOXICITY, FINAL CONC	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.00	(2G) TOXCTY	0	1/90	CP
TOXICITY UNITS	PERMIT MEASUREMENT	*****	*****	***	*****	*****	1.0	(2G) TOXCTY		QTRLY	COMPOS
61406 1 0 0							DAILY MX				
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

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 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.	TELEPHONE		DATE		
H J SCHARDEIN		502	540-6000	11	07	20
EXECUTIVE DIRECTOR		AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				

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

NAME OF TREATMENT PLANT CEDAR CREEK WTP
 KPDES PERMIT NUMBER KY0098540

COUNTY JEFFERSON
 PLANT CAPACITY 7.5 MGD

MONTH OF: June 2011
 RECEIVING STREAM CEDAR CREEK

KPDs PERMIT NUMBER				KY0098540				PLANT CAPACITY				7.5 MGD				RECEIVING STREAM				CEDAR CREEK														
DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE 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	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORM (COLOUNIT/100ML)	Total Phosphorus		
																		GAL/DAY x 1000	MLSS					30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000
1	2.85			7.1	7.4				11		170		2	93		2	3705	4000	61000	2.4	2900	2350	500	380							0.06	4	0.18	
2	2.76			7.1	7.2	12.0			10		77		2	58		2	3573	5020	70000	2.4	3010	2410	460	360							0.06	4	0.138	
3	2.58			7.0	7.1	8.0			10								3375	5110	75000	2.8	2980	2360	450	340										
4	2.61			6.9	7.0				10								3208		64000	3.1			430	350										
5	2.63			7.0	7.3				10		139		2	119		2	3226		61000	2.8			450	350							0.06	4	0.127	
6	2.33			6.9	7.1	8.0			9								3220	5060	64000	1.4	2860	2360	430	340										
7	2.33			6.8	7.1				11								3278	3600	90000	3.9	2740	2260	470	320										
8	2.28			7.0	7.1				9		324		2	78		2	3282	3890	79000	2.9	2870	2330	470	350							0.56	4	0.113	
9	2.22			7.8	7.3	10.0			11		182		3	102		2	3282	3840	68000	2.4	2850	2390	440	340							0.06	4	0.293	
10	2.19			7.3	7.3	10.0			10								3327	4240	68000	2.6	2740	2300	420	340										
11	2.24			7.1	7.1				10								3169		69000	2.7			420	300										
12	2.31			7.2	7.2				10		168		2	106		2	3018		67000	2.8			400	300							0.06	4	0.1	
13	2.24			7.1	7.1	6.0			11								2870	4630	69000	2.9	2770	2280	390	310										
14	2.44			6.9	7.1				11								1954	4650	77000	3.5	2930	2330	390	315										
15	3.08			6.9	7.4				10		113		2	63		2	1638	4950	65000	3.2	2710	2280	430	300							0.06	4	0.1	
16	2.57			6.9	7.2	6.0			10		46		2	40		2	1617	5100	62000	4.0	2860	2440	410	310							0.06	4	0.1	
17	2.38			7.0	7.3	6.0			10								1618	4690	60000	3.9	2710	2200	410	300										
18	3.67			6.9	7.1				10								1620		64000	3.1			400	290										
19	5.27			6.8	7.0				10		61		2	32		2	1702		41000	3.0			350	300							0.06	4	0.116	
20	5.15			6.8	7.3	5.0			11								3051	7543	50000	3.9	2620	2130	380	330										
21	4.43			6.9	7.1				11								3275	6260	67000	2.8	2780	2260	360	320										
22	4.67			6.9	7.3				11		84		2	31		2	3195	4660	65000	4.7	2580	2090	390	300							0.06	4	0.116	
23	8.30			7.0	7.2	10.0			11		130		2	45		2	3217	4440	69000	2.7	1960	1610	280	200							0.06	4	0.121	
24	4.50			7.2	7.0	6.0			11								3384	4300	66000	2.3	2640	2180	370	280										
25	3.63			6.8	7.4				11								3337		66000	2.2			370	260										
26	3.77			6.8	7.3				10		97		2	66		2	3256		50000	2.0			340	260							0.06	4	0.224	
27	3.38			6.9	7.2	8.0			10								3263	4890	87000	3.5	2790	2240	340	260										
28	3.21			7.0	7.2				10								3014	4200	64000	3.6	2790	2240	410	320										
29	2.98			6.9	7.3				10								2608	5800	65000	3.1	2140	1770	360	310										
30	2.76			7.0	7.3				9								1654	6060	65000	3.2	2540	2110	360	310										
Tot.	97.76																85936															0.10	4	0.144
Avg.	3.26			7.0	7.2	7.9			10.3		133		2	69		2	2864.5333	4861	66267	2.995	2717	2224	402.7	311.5										

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

31035
 FLOW

11097
 CBOD

17158
 TSS

Joseph Shaun Smith
 OPERATOR

20987
 CERT. NO.

502-239-7695
 PLANT TELEPHONE

TOTAL NUMBER OF SEWER CONNECTIONS 0
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION