

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

July 13, 2010

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for June 2010.

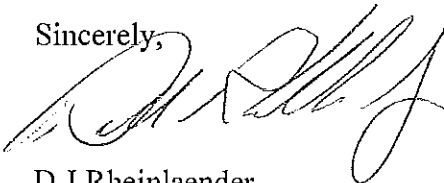
Dear Ms. Bentley

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of June 2010.

There were no exceedences, bypass reports or overflow reports for this month.
Also Included are the 2nd quarter Bio monitoring DMR.

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

Sincerely,



D.J Rheinlaender
Process Supervisor, West Region

DJR/ Hite Creek.0610

Enclosures

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



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

DISCHARGE MONITORING REPORT (DMR)

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

KY0022420
 PERMIT NUMBER

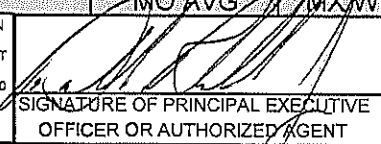
001 2
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 MUNICIPAL WASTEWATER
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
10	06	01	10	06	30

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN, DISSOLVED (DO)	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GRAB		
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	(19) MG/L		THREE/WEEK	GRAB		
EFFLUENT GROSS VALUE	*****	*****	***	7.4	*****	7.8	(12) SU	0	1/1	GRAB		
PH	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB		
00400 1 0 0	PERMIT MEASUREMENT	*****	*****	***	*****	196	257	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	*****	*****	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS		
SOLIDS, TOTAL SUSPENDED	*****	*****	(26) LBS/DY	*****	3	4	(19) MG/L	0	3/7	CP		
00530 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
RAW SEW/INFLUENT	*****	*****	(26) LBS/DY	*****	16	19	(19) MG/L	0	3/7	CP		
SOLIDS, TOTAL SUSPENDED	*****	*****	(26) LBS/DY	*****	0.5	0.7	(19) MG/L	0	3/7	CP		
00530 1 0 0	PERMIT MEASUREMENT	1501 MO AVG	2252 MX WK AV	(26) LBS/DY	*****	2 MO AVG	3 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE	*****	*****	(26) LBS/DY	*****	0.2	0.2	(19) MG/L	0	5/30	CP		
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS		
00610 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	*****	*****	*****	*****	*****		
RAW SEW/INFLUENT	*****	*****	****	*****	*****	*****	*****	*****	*****	*****		
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	(26) LBS/DY	*****	*****	*****	*****	*****	*****	*****		
00610 1 1 0	PERMIT MEASUREMENT	100 MO AVG	150 MX WK AV	(26) LBS/DY	*****	*****	*****	*****	*****	*****		
EFFLUENT GROSS VALUE	*****	*****	****	*****	*****	*****	*****	*****	*****	*****		
PHOSPHORUS, TOTAL (AS P)	*****	*****	****	*****	*****	*****	*****	*****	*****	*****		
00665 1 1 1	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****	*****	*****	*****		
EFFLUENT GROSS VALUE	*****	*****	****	*****	*****	*****	*****	*****	*****	*****		
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 32 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	10	07	25
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)

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

PERMITTEE NAME/ADDRESS (include)

Facility Name/Location if different)

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

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

KY0022420
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 MUNICIPAL WASTEWATER
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	06	01		10	06	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	SAMPLE MEASUREMENT	3.40	4.63	(03) MGD	*****	*****	*****	***	0	CN	CN
50050 1 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	4	4	(13) 100ML	0	3/7	GRAB
COLIFORM, FECAL GENERAL	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB
74055 1 0 0	SAMPLE MEASUREMENT	4544	5403	(26) LBS/DY	*****	160	201	(19) MG/L	0	3/7	CP
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
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	60	65	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
80082 G 0 0	PERMIT MEASUREMENT	367 MO AVG	550 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/30	CA
BOD, CARBONACEOUS 05 DAY, 20C	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
80082 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(23) CENT	0	1/30	CA
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT										
80091 K 0 0	PERMIT MEASUREMENT										
PERCENTREMOVAL	SAMPLE MEASUREMENT										
SOLIDS, SUSPENDED PERCENT REMOVAL	PERMIT MEASUREMENT										
81011 K 0 0	SAMPLE MEASUREMENT										
PERCENTREMOVAL	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	10	07	25	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

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

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

KY0022420
 PERMIT NUMBER

001 R
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 REASONABLE POTENTIAL EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD
 FROM YEAR 10 MO 06 DAY 01 TO YEAR 10 MO 06 DAY 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				
CYANIDE, FREE (AMEN. TO CHLORINATION) 00722 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.005	0.005	(19) MG/L	0	1/30	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	181	181	(19) MG/L	0	1/30	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
CHROMIUM ,HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.005	0.005	(19) MG/L	0	1/30	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.003	0.003	(19) MG/L	0	1/30	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	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.							TELEPHONE 502 540-6000		DATE 10 07 25		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE 502	NUMBER 540-6000	YEAR 10	MO 07	DAY 25

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

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

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

LOCATION LOUISVILLE KY 40241
ATTN: DENNIS THOMASSON SR. METRO OPS

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

KY0022420
 PERMIT NUMBER

001 Y
 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	04	01		10	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			
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.036	0.036	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.004	<0.004	(19) MG/L	0	1/90	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.002	<0.002	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.0	(2G) TOXCTY	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	*****	1.00	(2G) TOXCTY		QTRLY	COMPOS
MERCURY TOTAL RECOVERABLE 71901 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.0005	<0.0005	(19) MG/L	0	1/90	GR
	PERMIT MEASUREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MAX	(19) MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	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 those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.						TELEPHONE		DATE		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL/EXECUTIVE OFFICER OR AUTHORIZED AGENT						502	540-6000	10	07	25
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							AREA CODE	NUMBER	YEAR	MO	DAY

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: June 2010
 KPDES PERMIT NUMBER KY0022420 PLANT CAPACITY 4.4 MGD RECEIVING STREAM HITE 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	GAUDAY X 1000	MLSS X 1000	MLVSS X 1000	WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	60 MIN.	RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Phosphorus mg/L	Cadmium, Total Recoverable	Hardness as CaCO3	Chromium, Hexavalent	Cyanide, Free (Amenable)	Mercury, Total Recoverable		
																											% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS									WITHDRAWN GALLONS X 1000	
1	3.28	18	18	8.1	7.4	8.0		0.0		8.7		318		3	229		3	215	9.89	0	2.6	3.895		210								121	0.87	4						
2	3.28			7.4	7.5	10.0		0.0		7.3		209		2	199		2	1.78	9.82	0	1.1	4.14	2.705	240							0.82	61	93.1	0.67	4	0.18		181	0.01	0.005
3	3.09			8.0	7.5	12.0		0.0		7.2		244		2	176		2	2.36	11.48	65.7	1.1	4.86	3.02	280								90.8	0.5	4	0.181					
4	3.09	18	18	7.3	7.8	12.0		0.0		7.5							2	2.19	9.72	92	1.3	4.525	2.64	280								84.5								
5	2.85			7.8	7.4	10.0		0.0		7.9								2.26	11.87	65.7	1.2	4.325	2.82	300								71.2								
6	2.78			7.0	7.6	15.0		0.0		8.1								1.76	9.25	85.7	2.1	4.13	2.795	290								75.8								
7	3.02			8.0	7.8	15.0		0.0		8.5								2.27	13.48	78.8	2	4.5	2.84	260								75.8								
8	2.91	18	18	7.2	7.6	10.0		0.0		8.4		215		2	183		2	2.27	14.1	85.4	2.5	4.875	3	290								67.7	0.67	4						
9	4.58			7.7	7.5	10.0		0.0		8.6		188		4	129		2	2.24	14.55	85.4	3.1	4.575		280						1.54	58	87.9	0.73	4	0.234					
10	3.21			7.8	7.4	10.0		0.0		10.3		166		4	126		2	1.77	13.14	98.6	5.4	4.185	2.655	250								97.6	0.67	4						
11	3.65	18	18	7.5	7.5	7.0		0.0		8.9								2.71	9.73	105.1	3.3	3.96		250								94								
12	3.46			7.2	7.5	7.0		0.0		9.0								2.3	6.93	65.7	4.8	3.5	2.2	240								90.1								
13	3.3			7.0	7.4	10.0		0.0		7.9								2.26	11.84	85.4	3	3.86	2.52	240								91.9								
14	4.63			7.9	7.7	5.0		0.0		8.4								2.29	9.27	98.6	2.6	3.755	2.445	240								86.9								
15	4.07	18	18	7.2	7.7	7.0		0.0		8.5		155		4	120		2	1.78	11.13	98.6	2.1	3.4	2.195	200						0.97	61	104.9	0.055	4						
16	4.13			7.5	7.7	7.0		0.0		7.6		152		4	118		2	2.34	10.24	98.6	1.8	3.45		200							107.1	0.055	4	0.189						
17	3.54			7.3	7.8	10.0		0.0		8.6		158		3	154		2	2.41	9.09	105.1	4.4	3.47	2.205	200							113.4	0.58	4							
18	3.22	18	18	7.1	7.8	8.0		0.0		7.6								2.32	9.19	98.6	4.1	3.19	2.025	180							113.4									
19	4.49			7.0	7.8	5.0		0.0		8.8								2.3	8.16	85.4	4.5	2.96	1.95	180							94.5									
20	3.84			6.9	7.8	7.0		0.0		8.1								2.33	8.75	85.4	6.8	2.12	1.39	130							93.8									
21	3.59			7.7	7.8	8.0		0.0		9.0								2.33	11.5	98.6	3.5	3.82	2.445	180							97.9									
22	3.33	18	18	7.1	7.5	10.0		0.0		8.0		171		3	148		2	2.32	9.65	118.3	2.9	3.85		160							98.8	0.5	4							
23	3.11			7.8	7.7	8.0		0.0		7.8		167		4	154		2	1.78	6.48	111.7	3.3	3.44	2.195	160						0.66	57	124.9	0.95	4	0.195					
24	3.07			7.1	7.7	9.0		0.0		7.5		212		2	189		2	2.14	11.2	98.6	2.2	3.5	2.24	150							118.5	0.055	4							
25	2.79	18	18	7.2	7.6	7.0		0.0		7.6								2.18	7.34	78.8	3.8	3.54		180							119.4									
26	2.95			7.3	7.6	8.0		0.0		7.5								2.09	7.02	78.8	3.7	3.55		160							88.2									
27	2.88			7.3	7.6	12.0		0.0		7.8								2.15	8.48	78.8	3.7	3.54	2.32	170							50.4									
28	3.78			7.9	7.8	10.0		0.0		7.9								1.79	12.19	92	2.5	3.565		200							92.6									
29	3.21	18	18	7.1	7.8	12.0		0.0		8.1								2.18	13	92	4.2	3.395	2.235	200							87.1									
30	2.92			7.0	7.7	10.0		0.0		8.3								2.01	9.65	111.7	4.2	3.555	2.35	200							99									
31																																								
Tot.	102	162	162							8.2		196		3	160		2	2.168	10.12	84.1	3.127	3.787	2.427	216.7							0.998	58.75	0.51	4	0.19	#####	0.01	0.01		
Avg.	3.4	18	18	7.4	7.6	9.3																																		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 32378
 FLOW

26727
 CBOD

26497
 TSS

Earl Dunn
 OPERATOR

7626
 PLANT TELEPHONE

TOTAL NUMBER OF SEWER CONNECTIONS _____
 SEWER CONNECTIONS _____ X _____ = _____ SEWERED POPULATION