

**Wastewater Discharge Monitoring Long Report**

**For DNR Use Only**

Facility Name: HEART OF THE VALLEY METRO SEWERAGE DISTRICT  
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 Kaukauna, WI 54130  
 Facility Contact: Brian Helming, District Director  
 Phone Number: 920-766-5731  
 Reporting Period: 08/01/2019 - 08/31/2019  
 Form Due Date: 09/21/2019  
 Permit Number: 0031232

Date Received:  
 DOC: 429264  
 FIN: 6375  
 FID: 445005220  
 Region: Northeast Region  
 Permit Drafter: Lisa L Lumley  
 Reviewer: Roy F Van Gheem  
 Office: Green Bay

	Sample Point	701	001	701	001	701
	Description	Influent	Effluent	Influent	Effluent	Influent
	Parameter	211	211	66	66	457
	Description	Flow Rate	Flow Rate	BOD5, Total	BOD5, Total	Suspended Solids, Total
	Units	MGD	MGD	mg/L	mg/L	mg/L
	Sample Type	CONTINUOUS	CONTINUOUS	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP
	Frequency	DAILY	DAILY	5/WEEK	DAILY	5/WEEK
Sample Results	Day 1	4.530	4.344	211	8	216
	2	4.255	1.805	242	9	212
	3	4.555	1.434	236	8	196
	4	4.848	1.717	219	8	168
	5	7.729	4.385	282	11	332
	6	6.659	3.220	180	8	152
	7	8.737	5.194	199	7	124
	8	7.807	4.236	174	6	132
	9	6.555	2.956	174	6	40
	10	5.564	1.964	125	6	68
	11	5.572	1.975	229	7	168
	12	5.306	1.711	214	8	172
	13	5.038	1.766	214	7	156
	14	4.845	1.601	229	7	204
	15	4.692	1.569	208	7	220
	16	4.944	1.996	230	6	168
	17	4.716	1.871	265	6	156
	18	4.828	1.381	215	7	200
	19	4.640	1.074	238	9	196
	20	4.740	1.344	230	7	220
	21	4.327	0.855	283	8	212
	22	4.313	0.527	225	9	216
	23	4.120	1.892	247	8	204
	24	3.960	0.625	209	9	200
	25	4.218	0.951	260	9	224
	26	5.599	2.217	243	19	144
	27	5.481	2.096	201	8	176
	28	4.844	1.413	250	14	248
	29	4.802	1.391	200	8	240
	30	4.502	1.218	151	11	76
	31	4.206	0.923	244	8	164

	Sample Point	701	001	701	001	701
	Description	Influent	Effluent	Influent	Effluent	Influent
	Parameter	211	211	66	66	457
	Description	Flow Rate	Flow Rate	BOD5, Total	BOD5, Total	Suspended Solids, Total
	Units	MGD	MGD	mg/L	mg/L	mg/L
<b>Summary Values</b>	<b>Monthly Avg</b>	5.191354839	1.988741935	220.225806452	8.35483871	180.774193548
	<b>Daily Max</b>	8.737	5.194	283	19	332
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	3.96	0.527	125	6	40
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>				8.428571429	
	<b>Week 2 Avg</b>				6.714285714	
	<b>Week 3 Avg</b>				7.142857143	
	<b>Week 4 Avg</b>				10.857142857	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>				30	0
	<b>Daily Max</b>					
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>					
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Weekly Avg</b>				45	0
<b>QA/QC Information</b>	<b>LOD</b>					
	<b>LOQ</b>					
	<b>QC Exceedance</b>	N	N	Y	N	N
	<b>Lab Certification</b>			445023150	445023150	445023150

	<b>Sample Point</b>	701	701	701	701	701
	<b>Description</b>	Influent	Influent	Influent	Influent	Influent
	<b>Parameter</b>	87	133	147	264	315
	<b>Description</b>	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable
	<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L
	<b>Sample Type</b>	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>					
	<b>2</b>					
	<b>3</b>					
	<b>4</b>					
	<b>5</b>					
	<b>6</b>					
	<b>7</b>	<1.3	4.3	62.3	<5.9	7.0
	<b>8</b>					
	<b>9</b>					
	<b>10</b>					
	<b>11</b>					
	<b>12</b>					
	<b>13</b>					
	<b>14</b>					
	<b>15</b>					
	<b>16</b>					
	<b>17</b>					
	<b>18</b>					
	<b>19</b>					
	<b>20</b>					
	<b>21</b>					
	<b>22</b>					
	<b>23</b>					
	<b>24</b>					
	<b>25</b>					
	<b>26</b>					
	<b>27</b>					
	<b>28</b>					
	<b>29</b>					
	<b>30</b>					
	<b>31</b>					

	<b>Sample Point</b>	701	701	701	701	701
	<b>Description</b>	Influent	Influent	Influent	Influent	Influent
	<b>Parameter</b>	87	133	147	264	315
	<b>Description</b>	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable
	<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	0	4.3	62.3	0	7
	<b>Daily Max</b>	<1.3	4.3	62.3	<5.9	7
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	<1.3	4.3	62.3	<5.9	7
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>					
	<b>Week 2 Avg</b>					
	<b>Week 3 Avg</b>					
	<b>Week 4 Avg</b>					
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>					
	<b>Daily Max</b>					
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>					
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Weekly Avg</b>					
<b>QA/QC Information</b>	<b>LOD</b>	1.3	2.5	6.3	5.9	2.6
	<b>LOQ</b>	5	10	20	19.7	10
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	405132750	405132750	405132750	405132750	405132750

	<b>Sample Point</b>	701	001	001	001	001
	<b>Description</b>	Influent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	553	377	204	112	457
	<b>Description</b>	Zinc, Total Recoverable	pH Field	Fecal Coliform	Chlorine, Total Residual	Suspended Solids, Total
	<b>Units</b>	ug/L	su	#/100ml	ug/L	mg/L
	<b>Sample Type</b>	24 HR FLOW PROP	GRAB	GRAB	GRAB	24 HR FLOW PROP
	<b>Frequency</b>	MONTHLY	5/WEEK	WEEKLY	5/WEEK	5/WEEK
<b>Sample Results</b>	<b>Day 1</b>		7.3		<100	16
	<b>2</b>		7.7		<100	20
	<b>3</b>		7.5			18
	<b>4</b>		7.5			14
	<b>5</b>		7.2	73	<100	18
	<b>6</b>	144	7.3		<100	10
	<b>7</b>		7.3		<100	7
	<b>8</b>		7.2		<100	12
	<b>9</b>		7.0		<100	9
	<b>10</b>		7.1			12
	<b>11</b>		7.2			13
	<b>12</b>		7.5	30	<100	12
	<b>13</b>		7.3		<100	14
	<b>14</b>		7.1		<100	12
	<b>15</b>		7.4		<100	13
	<b>16</b>		7.5		<100	13
	<b>17</b>		7.2			17
	<b>18</b>		7.3			11
	<b>19</b>		7.5	13	<100	14
	<b>20</b>		7.4		<100	17
	<b>21</b>		7.3		<100	16
	<b>22</b>		7.3		<100	15
	<b>23</b>		7.3		<100	17
	<b>24</b>		7.5			21
	<b>25</b>		7.5			19
	<b>26</b>		7.2	50	<100	18
	<b>27</b>		7.2		<100	14
	<b>28</b>		7.2		<100	19
	<b>29</b>		7.5		<100	22
	<b>30</b>		7.2		<100	16
	<b>31</b>		7.2			18

	<b>Sample Point</b>	701	001	001	001	001		
	<b>Description</b>	Influent	Effluent	Effluent	Effluent	Effluent		
	<b>Parameter</b>	553	377	204	112	457		
	<b>Description</b>	Zinc, Total Recoverable	pH Field	Fecal Coliform	Chlorine, Total Residual	Suspended Solids, Total		
	<b>Units</b>	ug/L	su	#/100ml	ug/L	mg/L		
<b>Summary Values</b>	<b>Monthly Avg</b>	144	7.319354839	41.5	0	15.064516129		
	<b>Daily Max</b>	144	7.7	73	<100	22		
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>	144	7	13	<100	7		
	<b>Geometric Mean -</b>			34.541354813				
	<b>Geometric Mean -</b>			73				
	<b>Week 1 Avg</b>				0	14.714285714		
	<b>Week 2 Avg</b>				0	12		
	<b>Week 3 Avg</b>				0	14.428571429		
	<b>Week 4 Avg</b>				0	17.571428571		
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>				38	0	30	0
	<b>Daily Max</b>		9	0		38	0	
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>		6	0				
	<b>Geometric Mean -</b>			400	0			
	<b>Geometric Mean -</b>			656	0			
	<b>Weekly Avg</b>					38	0	45
<b>QA/QC Information</b>	<b>LOD</b>	11.6				100		
	<b>LOQ</b>	40				100		
	<b>QC Exceedance</b>	N	N	N	N	N	N	N
	<b>Lab Certification</b>	405132750						445023150

	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	457	1348	1348	1347	388
	<b>Description</b>	Suspended Solids, Total	WQT Credits Used (TSS)	WQT Credits Used (TSS)	WQT Computed Compliance (TSS)	Phosphorus, Total
	<b>Units</b>	lbs/day	lbs/day	lbs/month	lbs/day	mg/L
	<b>Sample Type</b>	CALCULATED	CALCULATED	CALCULATED	CALCULATED	24 HR FLOW PROP
	<b>Frequency</b>	5/WEEK	5/WEEK	MONTHLY	5/WEEK	5/WEEK
<b>Sample Results</b>	<b>Day 1</b>	594	0		594	0.29
	<b>2</b>	307	0		307	0.35
	<b>3</b>	210	0		210	0.36
	<b>4</b>	200	0		200	0.30
	<b>5</b>	658	0		658	0.33
	<b>6</b>	269	0		269	0.22
	<b>7</b>	295	0		295	0.22
	<b>8</b>	424	0		424	0.33
	<b>9</b>	217	0		217	0.20
	<b>10</b>	203	0		203	0.22
	<b>11</b>	211	0		211	0.28
	<b>12</b>	177	0		177	0.41
	<b>13</b>	212	0		212	0.23
	<b>14</b>	166	0		166	0.29
	<b>15</b>	173	0		173	0.25
	<b>16</b>	220	0		220	0.23
	<b>17</b>	262	0		262	0.33
	<b>18</b>	129	0		129	0.28
	<b>19</b>	129	0		129	0.26
	<b>20</b>	193	0		193	0.34
	<b>21</b>	114	0		114	0.30
	<b>22</b>	67	0		67	0.31
	<b>23</b>	271	0		271	0.30
	<b>24</b>	111	0		111	0.33
	<b>25</b>	149	0		149	0.31
	<b>26</b>	325	0		325	0.29
	<b>27</b>	252	0		252	0.22
	<b>28</b>	226	0		226	0.31
	<b>29</b>	251	0		251	0.24
	<b>30</b>	163	0		163	0.37
	<b>31</b>	142	0	0	142	0.35

	<b>Sample Point</b>	001	001	001	001	001		
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent		
	<b>Parameter</b>	457	1348	1348	1347	388		
	<b>Description</b>	Suspended Solids, Total	WQT Credits Used (TSS)	WQT Credits Used (TSS)	WQT Computed Compliance (TSS)	Phosphorus, Total		
	<b>Units</b>	lbs/day	lbs/day	lbs/month	lbs/day	mg/L		
<b>Summary Values</b>	<b>Monthly Avg</b>	236.129032258	0	0	236.129032258	0.291935484		
	<b>Daily Max</b>	658	0	0	658	0.41		
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>	67	0	0	67	0.2		
	<b>Geometric Mean -</b>							
	<b>Geometric Mean -</b>							
	<b>Week 1 Avg</b>				361.857142857			
	<b>Week 2 Avg</b>				230			
	<b>Week 3 Avg</b>				174.285714286			
	<b>Week 4 Avg</b>				200.142857143			
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>				801	0	1	0
	<b>Daily Max</b>							
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>							
	<b>Geometric Mean -</b>							
	<b>Geometric Mean -</b>							
	<b>Weekly Avg</b>				1345	0		
<b>QA/QC Information</b>	<b>LOD</b>						0.026	
	<b>LOQ</b>						0.087	
	<b>QC Exceedance</b>	N	N	N	N	N	N	
	<b>Lab Certification</b>						445023150	



	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	388	789	87	133	147
	<b>Description</b>	Phosphorus, Total	Nitrogen, Ammonia (NH3-N) Total	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable
	<b>Units</b>	lbs/day	mg/L	ug/L	ug/L	ug/L
	<b>Sample Type</b>	CALCULATED	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP
	<b>Frequency</b>	5/WEEK	5/WEEK	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>	10.51	0.1			
	<b>2</b>	5.27				
	<b>3</b>	4.31				
	<b>4</b>	4.30	0.2			
	<b>5</b>	12.07	0.4			
	<b>6</b>	5.91	0.2	<1.3	<2.5	<6.3
	<b>7</b>	9.53	0.4			
	<b>8</b>	11.66	0.2			
	<b>9</b>	4.93				
	<b>10</b>	3.60				
	<b>11</b>	4.61	0.2			
	<b>12</b>	5.85	0.2			
	<b>13</b>	3.39	0.2			
	<b>14</b>	3.87	0.2			
	<b>15</b>	3.27	0.1			
	<b>16</b>	3.83				
	<b>17</b>	5.15				
	<b>18</b>	3.22	0.2			
	<b>19</b>	2.33	0.4			
	<b>20</b>	3.81	0.3			
	<b>21</b>	2.14	0.3			
	<b>22</b>	1.39	0.3			
	<b>23</b>	4.73				
	<b>24</b>	1.72				
	<b>25</b>	2.46	0.3			
	<b>26</b>	5.36	2.4			
	<b>27</b>	3.85	2.6			
	<b>28</b>	3.65	0.8			
	<b>29</b>	2.78	0.1			
	<b>30</b>	3.76				
	<b>31</b>	2.69				

	Sample Point	001	001	001	001	001
	Description	Effluent	Effluent	Effluent	Effluent	Effluent
	Parameter	388	789	87	133	147
	Description	Phosphorus, Total	Nitrogen, Ammonia (NH3-N) Total	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable
	Units	lbs/day	mg/L	ug/L	ug/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	4.708064516	0.480952381	0	0	0
	<b>Daily Max</b>	12.07	2.6	<1.3	<2.5	<6.3
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	1.39	0.1	<1.3	<2.5	<6.3
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>		0.26			
	<b>Week 2 Avg</b>		0.2			
	<b>Week 3 Avg</b>		0.26			
	<b>Week 4 Avg</b>		1.28			
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>		4.40	0		
	<b>Daily Max</b>		17	0		
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>					
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Weekly Avg</b>		11	0		
<b>QA/QC Information</b>	<b>LOD</b>		0.034	1.3	2.5	6.3
	<b>LOQ</b>		0.113	5	10	20
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		445023150	405132750	405132750	405132750

	<b>Sample Point</b>	001	001	001	101	601
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent Reuse	River Monitoring
	<b>Parameter</b>	264	315	553	671	400
	<b>Description</b>	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Unregulated	WLA Previous Day River Flow
	<b>Units</b>	ug/L	ug/L	ug/L	MGD	cfs
	<b>Sample Type</b>	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP	CONTINUOUS	GAUGE STN
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>				0.186	6120
	<b>2</b>				2.450	5340
	<b>3</b>				3.121	2640
	<b>4</b>				3.131	2750
	<b>5</b>				3.344	3650
	<b>6</b>	<5.9	6.4	14.0	3.439	4620
	<b>7</b>				3.543	4920
	<b>8</b>				3.571	5540
	<b>9</b>				3.599	5900
	<b>10</b>				3.600	5870
	<b>11</b>				3.597	5880
	<b>12</b>				3.595	5710
	<b>13</b>				3.272	5590
	<b>14</b>				3.244	5590
	<b>15</b>				3.123	5570
	<b>16</b>				2.948	5720
	<b>17</b>				2.845	5630
	<b>18</b>				3.447	5660
	<b>19</b>				3.566	5560
	<b>20</b>				3.396	5570
	<b>21</b>				3.472	5500
	<b>22</b>				3.786	5240
	<b>23</b>				2.228	5200
	<b>24</b>				3.335	5220
	<b>25</b>				3.267	5230
	<b>26</b>				3.382	5220
	<b>27</b>				3.385	5290
	<b>28</b>				3.431	4840
	<b>29</b>				3.411	3680
	<b>30</b>				3.284	2820
	<b>31</b>				3.283	2820

	<b>Sample Point</b>	001	001	001	101	601
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent Reuse	River Monitoring
	<b>Parameter</b>	264	315	553	671	400
	<b>Description</b>	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Unregulated	WLA Previous Day River Flow
	<b>Units</b>	ug/L	ug/L	ug/L	MGD	cfs
<b>Summary Values</b>	<b>Monthly Avg</b>	0	6.4	14	3.202612903	4996.451612903
	<b>Daily Max</b>	<5.9	6.4	14	3.786	6120
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	<5.9	6.4	14	0.186	2640
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>					
	<b>Week 2 Avg</b>					
	<b>Week 3 Avg</b>					
	<b>Week 4 Avg</b>					
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>					
	<b>Daily Max</b>					
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>					
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Weekly Avg</b>					
<b>QA/QC Information</b>	<b>LOD</b>	5.9	2.6	11.6		
	<b>LOQ</b>	19.7	10	40		
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	405132750	405132750	405132750		

	<b>Sample Point</b>	601	601	006	006	006
	<b>Description</b>	River Monitoring	River Monitoring	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance
	<b>Parameter</b>	399	401	544	12	843
	<b>Description</b>	WLA Previous 4 Day Avg River Flow	WLA Previous Day River Temp	WLA BOD5 Value	WLA Adjusted Value	WLA BOD5 Discharged
	<b>Units</b>	cfs	degF	lbs/day	lbs/day	lbs/day
	<b>Sample Type</b>	CALCULATED	CALCULATED	SEE TABLE	CALCULATED	CALCULATED
	<b>Frequency</b>	DAILY	DAILY	DAILY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>	7405	77	3854	5319	284
	<b>2</b>	6680	78	3343	4613	130
	<b>3</b>	6110	79	3343	4613	93
	<b>4</b>	5150	79	3343	4613	115
	<b>5</b>	4213	80	2617	3611	417
	<b>6</b>	3595	80	2318	3199	209
	<b>7</b>	3415	79	2318	3199	288
	<b>8</b>	3985	79	2318	3199	220
	<b>9</b>	4683	78	2617	3611	154
	<b>10</b>	5245	77	2926	4038	105
	<b>11</b>	5558	77	3854	5319	110
	<b>12</b>	5797	76	3854	5319	112
	<b>13</b>	5780	76	3854	5319	98
	<b>14</b>	5780	76	3854	5319	98
	<b>15</b>	5710	75	3854	5319	96
	<b>16</b>	5633	74	3854	5319	97
	<b>17</b>	5635	74	3854	5319	97
	<b>18</b>	5628	73	4486	6191	82
	<b>19</b>	5645	74	3854	5319	80
	<b>20</b>	5643	74	3854	5319	81
	<b>21</b>	5605	75	3854	5319	57
	<b>22</b>	5573	75	3854	5319	39
	<b>23</b>	5468	73	4486	6191	125
	<b>24</b>	5378	72	4486	6191	49
	<b>25</b>	5290	73	4486	6191	68
	<b>26</b>	5223	73	4486	6191	342
	<b>27</b>	5218	72	4486	6191	146
	<b>28</b>	5240	71	4486	6191	167
	<b>29</b>	5145	69	5256	7253	97
	<b>30</b>	4758	68	3631	5011	108
	<b>31</b>	4158	69	3631	5011	60

	Sample Point	601	601	006	006	006
	Description	River Monitoring	River Monitoring	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance
	Parameter	399	401	544	12	843
	Description	WLA Previous 4 Day Avg River Flow	WLA Previous Day River Temp	WLA BOD5 Value	WLA Adjusted Value	WLA BOD5 Discharged
	Units	cfs	degF	lbs/day	lbs/day	lbs/day
<b>Summary Values</b>	<b>Monthly Avg</b>	5301.483870968	75	3719.709677419	5133.419354839	136.258064516
	<b>Daily Max</b>	7405	80	5256	7253	417
	<b>Daily Max - Variable</b>					417
	<b>Daily Min</b>	3415	68	2318	3199	39
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>					
	<b>Week 2 Avg</b>					
	<b>Week 3 Avg</b>					
	<b>Week 4 Avg</b>					
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>					
	<b>Daily Max</b>					
	<b>Daily Max - Variable</b>					0 0
	<b>Daily Min</b>					
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Weekly Avg</b>					
<b>QA/QC Information</b>	<b>LOD</b>					
	<b>LOQ</b>					
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>					

	<b>Sample Point</b>	006	006	112
	<b>Description</b>	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	In-Plant Diversion
	<b>Parameter</b>	543	541	211
	<b>Description</b>	WLA 7 Day Sum Of WLA Values	WLA 7 Day Sum Of BOD5 Discharged	Flow Rate
	<b>Units</b>	lbs/day	lbs/day	MGD
	<b>Sample Type</b>	CALCULATED	CALCULATED	CONTINUOUS
	<b>Frequency</b>	DAILY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>	27488	1242	0
	<b>2</b>	26707	1278	0
	<b>3</b>	25926	1286	0
	<b>4</b>	25700	1078	0
	<b>5</b>	24748	1345	0
	<b>6</b>	22942	1409	0
	<b>7</b>	21136	1536	0
	<b>8</b>	19600	1756	0
	<b>9</b>	18874	1496	0
	<b>10</b>	18457	1508	0
	<b>11</b>	18968	1393	0
	<b>12</b>	20205	1198	0
	<b>13</b>	23277	901	0
	<b>14</b>	23277	901	0
	<b>15</b>	24813	777	0
	<b>16</b>	26050	720	0
	<b>17</b>	26978	712	0
	<b>18</b>	27610	684	0
	<b>19</b>	27610	652	0
	<b>20</b>	27610	631	0
	<b>21</b>	27610	590	0
	<b>22</b>	27610	533	0
	<b>23</b>	28242	561	0
	<b>24</b>	28874	513	0
	<b>25</b>	28874	499	0
	<b>26</b>	29506	761	0
	<b>27</b>	30138	826	0
	<b>28</b>	30770	936	0
	<b>29</b>	32172	994	0
	<b>30</b>	31317	977	0
	<b>31</b>	30462	988	0

	Sample Point	006	006	112
	Description	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	In-Plant Diversion
	Parameter	543	541	211
	Description	WLA 7 Day Sum Of WLA Values	WLA 7 Day Sum Of BOD5 Discharged	Flow Rate
	Units	lbs/day	lbs/day	MGD
<b>Summary Values</b>	<b>Monthly Avg</b>	25921	989.709677419	0
	<b>Daily Max</b>	32172	1756	0
	<b>Daily Max - Variable</b>		1756	
	<b>Daily Min</b>	18457	499	0
	<b>Geometric Mean -</b>			
	<b>Geometric Mean -</b>			
	<b>Week 1 Avg</b>			
	<b>Week 2 Avg</b>			
	<b>Week 3 Avg</b>			
	<b>Week 4 Avg</b>			
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>			
	<b>Daily Max</b>			
	<b>Daily Max - Variable</b>		0	0
	<b>Daily Min</b>			
	<b>Geometric Mean -</b>			
	<b>Geometric Mean -</b>			
	<b>Weekly Avg</b>			
<b>QA/QC Information</b>	<b>LOD</b>			
	<b>LOQ</b>			
	<b>QC Exceedance</b>	N	N	N
	<b>Lab Certification</b>			



Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Laboratory Quality Control Comments

BOD GGA Failures: 8-16(162ppm), 8-30 (153ppm)

Submitted by K3vin1 on 09/26/2019 8:27:43 AM