

# Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: HEART OF THE VALLEY METRO SEWERAGE DISTRICT  
 Contact Address: 801 Thilmany Rd  
 Kaukauna, WI 54130  
 Facility Contact: Brian Helming, District Director  
 Phone Number: 920-766-5731  
 Reporting Period: 06/01/2021 - 06/30/2021  
 Form Due Date: 07/21/2021  
 Permit Number: 0031232

Date Received:  
 DOC: 468069  
 FIN: 6375  
 FID: 445005220  
 Region: Northeast Region  
 Permit Drafter: Lisa L Lumley  
 Reviewer: Barti Oumarou  
 Office: Oshkosh

	Sample Point	701	001	701	701	701
	Description	Influent	Effluent	Influent	Influent	Influent
	Parameter	211	211	66	457	87
	Description	Flow Rate	Flow Rate	BOD5, Total	Suspended Solids, Total	Cadmium, Total Recoverable
	Units	MGD	MGD	mg/L	mg/L	ug/L
	Sample Type	CONTINUOUS	CONTINUOUS	24 HR FLOW PROP	24 HR FLOW PROP	24 HR FLOW PROP
	Frequency	DAILY	DAILY	5/WEEK	5/WEEK	MONTHLY
Sample Results	Day 1	6.256	4.184	259	224	<1.3
	2	6.001	1.906	263	232	
	3	6.016	1.924	233	140	
	4	6.020	1.829	280	164	
	5	5.576	1.600	319	164	
	6	5.849	2.319	297	212	
	7	5.516	1.744	321	244	
	8	5.425	1.969	285	232	
	9	5.697	2.570	325	172	
	10	5.424	2.369	299	224	
	11	5.702	2.812	340	276	
	12	4.948	1.685	254	200	
	13	4.962	1.242	568	260	
	14	5.111	2.030	282	212	
	15	5.139	1.825	405	220	
	16	4.883	1.405	305	256	
	17	5.403	1.761	389	228	
	18	5.215	2.030	360	232	
	19	5.462	3.104	344	208	
	20	5.546	2.811	351	216	
	21	5.395	2.629	327	248	
	22	4.990	1.415	360	268	
	23	5.367	1.568	316	228	
	24	6.298	4.055	242	108	
	25	6.196	3.820	250	160	
	26	13.651	10.847	178	172	
	27	13.204	10.093	113	92	
	28	9.147	5.362	156	136	
	29	8.985	6.072	200	196	
	30	8.344	4.504	257	204	
	31					

	<b>Sample Point</b>	701	001	701	701	701
	<b>Description</b>	Influent	Effluent	Influent	Influent	Influent
	<b>Parameter</b>	211	211	66	457	87
	<b>Description</b>	Flow Rate	Flow Rate	BOD5, Total	Suspended Solids, Total	Cadmium, Total Recoverable
	<b>Units</b>	MGD	MGD	mg/L	mg/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	6.3909333333	3.1161333333	295.9333333333	204.266666667	0
	<b>Daily Max</b>	13.651	10.847	568	276	<1.3
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	4.883	1.242	113	92	<1.3
	<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
	<b>LOQ</b>					5
	<b>QC Exceedance</b>	N	N	Y	N	N
	<b>Lab Certification</b>			445005220	445005220	405132750

	<b>Sample Point</b>	001	701	701	701	701
	<b>Description</b>	Effluent	Influent	Influent	Influent	Influent
	<b>Parameter</b>	66	133	147	264	315
	<b>Description</b>	BOD5, Total	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable
	<b>Units</b>	mg/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>	DAILY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>	7	10.2	73.0	<5.9	7.6
	<b>2</b>	7				
	<b>3</b>	9				
	<b>4</b>	7				
	<b>5</b>	8				
	<b>6</b>	9				
	<b>7</b>	8				
	<b>8</b>	8				
	<b>9</b>	9				
	<b>10</b>	9				
	<b>11</b>	10				
	<b>12</b>	10				
	<b>13</b>	13				
	<b>14</b>	11				
	<b>15</b>	10				
	<b>16</b>	10				
	<b>17</b>	13				
	<b>18</b>	11				
	<b>19</b>	9				
	<b>20</b>	13				
	<b>21</b>	10				
	<b>22</b>	10				
	<b>23</b>	12				
	<b>24</b>	12				
	<b>25</b>	12				
	<b>26</b>	14				
	<b>27</b>	9				
	<b>28</b>	8				
	<b>29</b>	9				
	<b>30</b>	8				
	<b>31</b>					

	Sample Point	001	701	701	701	701
	Description	Effluent	Influent	Influent	Influent	Influent
	Parameter	66	133	147	264	315
	Description	BOD5, Total	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable
	Units	mg/L	ug/L	ug/L	ug/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	9.8333333333	10.2	73	0	7.6
	<b>Daily Max</b>	14	10.2	73	<5.9	7.6
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	7	10.2	73	<5.9	7.6
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	7.857142857				
	<b>Week 2 Avg</b>	10				
	<b>Week 3 Avg</b>	10.857142857				
	<b>Week 4 Avg</b>	11				
<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>		2.5	3.4	5.9	2.6
	<b>LOQ</b>		10	10	20	10
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	445005220	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>	128	7.1	25	<100	6.0
	<b>2</b>		7.1		<100	6.0
	<b>3</b>		7.5		<100	8.0
	<b>4</b>		7.2		<100	5.6
	<b>5</b>		7.2			7.6
	<b>6</b>		7.7			6.8
	<b>7</b>		7.2	50	<100	7.2
	<b>8</b>		7.1		<100	7.6
	<b>9</b>		7.1		<100	10.0
	<b>10</b>		7.1		<100	10.4
	<b>11</b>		7.5		<100	6.4
	<b>12</b>		7.3			8.4
	<b>13</b>		7.4			12.0
	<b>14</b>		7.1		<100	7.6
	<b>15</b>		7.2	130	<100	9.6
	<b>16</b>		7.2		<100	8.8
	<b>17</b>		7.9		<100	11.6
	<b>18</b>		7.8		<100	11.2
	<b>19</b>		7.3			14.0
	<b>20</b>		7.5			12.4
	<b>21</b>		7.4		<100	9.6
	<b>22</b>		7.2	148	<100	11.2
	<b>23</b>		7.2		<100	8.4
	<b>24</b>		7.4		<100	8.4
	<b>25</b>		7.2		<100	11.6
	<b>26</b>		7.3			21.6
	<b>27</b>		7.6			12.4
	<b>28</b>		7.7		<100	8.4
	<b>29</b>		7.4		<100	11.2
	<b>30</b>		7.5		<100	12.8
	<b>31</b>					

	<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>	128	7.346666667	88.25	0	9.76		
	<b>Daily Max</b>	128	7.9	148	<100	21.6		
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>	128	7.1	25	<100	5.6		
	<b>Geometric Mean -</b>			70.029136323				
	<b>Geometric Mean -</b>			130				
	<b>Week 1 Avg</b>				0	6.742857143		
	<b>Week 2 Avg</b>				0	8.914285714		
	<b>Week 3 Avg</b>				0	11.028571429		
	<b>Week 4 Avg</b>				0	11.714285714		
<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						445005220

	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	457	1348	1347	388	388
	<b>Description</b>	Suspended Solids, Total	WQT Credits Used (TSS)	WQT Computed Compliance (TSS)	Phosphorus, Total	Phosphorus, Total
	<b>Units</b>	lbs/day	lbs/month	lbs/day	mg/L	lbs/day
	<b>Sample Type</b>	CALCULATED	CALCULATED	CALCULATED	24 HR FLOW PROP	CALCULATED
	<b>Frequency</b>	5/WEEK	MONTHLY	5/WEEK	5/WEEK	5/WEEK
<b>Sample Results</b>	<b>Day 1</b>	209	0	209	0.31	10.82
	<b>2</b>	65	0	95	0.35	5.56
	<b>3</b>	128	0	128	0.34	5.46
	<b>4</b>	85	0	85	0.33	5.03
	<b>5</b>	101	0	101	0.40	5.34
	<b>6</b>	132	0	132	0.38	7.35
	<b>7</b>	105	0	105	0.36	5.24
	<b>8</b>	125	0	125	0.39	6.40
	<b>9</b>	214	0	214	0.37	7.93
	<b>10</b>	205	0	205	0.39	7.71
	<b>11</b>	150	0	150	0.36	8.44
	<b>12</b>	118	0	118	0.38	5.34
	<b>13</b>	124	0	124	0.45	4.66
	<b>14</b>	129	0	129	0.41	6.94
	<b>15</b>	146	0	146	0.55	8.37
	<b>16</b>	103	0	103	0.31	3.63
	<b>17</b>	170	0	170	0.33	4.85
	<b>18</b>	190	0	190	0.37	6.26
	<b>19</b>	362	0	362	0.38	9.84
	<b>20</b>	291	0	291	0.43	10.08
	<b>21</b>	210	0	210	0.33	7.24
	<b>22</b>	132	0	132	0.34	4.01
	<b>23</b>	110	0	110	0.35	4.58
	<b>24</b>	284	0	284	0.41	13.87
	<b>25</b>	370	0	370	0.31	9.88
	<b>26</b>	1954	0	1954	0.36	32.57
	<b>27</b>	1044	0	1044	0.38	31.99
	<b>28</b>	376	0	376	0.32	14.31
	<b>29</b>	567	0	567	0.35	17.72
	<b>30</b>	481	0	481	0.25	9.39
	<b>31</b>					

	Sample Point	001	001	001	001	001	
	Description	Effluent	Effluent	Effluent	Effluent	Effluent	
	Parameter	457	1348	1347	388	388	
	Description	Suspended Solids, Total	WQT Credits Used (TSS)	WQT Computed Compliance (TSS)	Phosphorus, Total	Phosphorus, Total	
	Units	lbs/day	lbs/month	lbs/day	mg/L	lbs/day	
<b>Summary Values</b>	<b>Monthly Avg</b>	289.3333333333	0	290.3333333333	0.3663333333	9.3603333333	
	<b>Daily Max</b>	1954	0	1954	0.55	32.57	
	<b>Daily Max - Variable</b>						
	<b>Daily Min</b>	65	0	85	0.25	3.63	
	<b>Geometric Mean -</b>						
	<b>Geometric Mean -</b>						
	<b>Week 1 Avg</b>			122.142857143			
	<b>Week 2 Avg</b>			152.142857143			
	<b>Week 3 Avg</b>			210.285714286			
	<b>Week 4 Avg</b>			610			
<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>					445005220	



	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	789	87	133	147	264
	<b>Description</b>	Nitrogen, Ammonia (NH3-N) Total	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable
	<b>Units</b>	mg/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>	5/WEEK	MONTHLY	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>	0.4	<1.3	<2.5	5.2	<5.9
	<b>2</b>	0.6				
	<b>3</b>	0.5				
	<b>4</b>					
	<b>5</b>					
	<b>6</b>	0.5				
	<b>7</b>	0.5				
	<b>8</b>	0.5				
	<b>9</b>	0.5				
	<b>10</b>	0.4				
	<b>11</b>					
	<b>12</b>					
	<b>13</b>	0.5				
	<b>14</b>	0.4				
	<b>15</b>	0.4				
	<b>16</b>	0.2				
	<b>17</b>	0.3				
	<b>18</b>					
	<b>19</b>					
	<b>20</b>	0.4				
	<b>21</b>	0.3				
	<b>22</b>	0.2				
	<b>23</b>	0.3				
	<b>24</b>	0.4				
	<b>25</b>					
	<b>26</b>					
	<b>27</b>	0.2				
	<b>28</b>	0.1				
	<b>29</b>	0.3				
	<b>30</b>	0.2				
	<b>31</b>					

	Sample Point	001	001	001	001	001
	Description	Effluent	Effluent	Effluent	Effluent	Effluent
	Parameter	789	87	133	147	264
	Description	Nitrogen, Ammonia (NH3-N) Total	Cadmium, Total Recoverable	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable
	Units	mg/L	ug/L	ug/L	ug/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	0.368181818	0	0	5.2	0
	<b>Daily Max</b>	0.6	<1.3	<2.5	5.2	<5.9
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	0.1	<1.3	<2.5	5.2	<5.9
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	0.5				
	<b>Week 2 Avg</b>	0.46				
	<b>Week 3 Avg</b>	0.32				
	<b>Week 4 Avg</b>	0.24				
<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	3.4	5.9
	<b>LOQ</b>	0.113	5	10	10	20
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	445005220	405132750	405132750	405132750	405132750

	<b>Sample Point</b>	001	001	101	601	601
	<b>Description</b>	Effluent	Effluent	Effluent Reuse	River Monitoring	River Monitoring
	<b>Parameter</b>	315	553	671	400	399
	<b>Description</b>	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Unregulated	WLA Previous Day River Flow	WLA Previous 4 Day Avg River Flow
	<b>Units</b>	ug/L	ug/L	MGD	cfs	cfs
	<b>Sample Type</b>	24 HR FLOW PROP	24 HR FLOW PROP	CONTINUOUS	GAUGE STN	CALCULATED
	<b>Frequency</b>	MONTHLY	MONTHLY	DAILY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>	6.5	17.9	2.072	5460	5758
	<b>2</b>			4.095	4300	5703
	<b>3</b>			4.092	4120	5353
	<b>4</b>			4.191	4250	4930
	<b>5</b>			3.976	4210	4533
	<b>6</b>			3.530	4070	4220
	<b>7</b>			3.772	3920	4163
	<b>8</b>			3.456	3410	4113
	<b>9</b>			3.127	3000	3903
	<b>10</b>			3.055	2420	3600
	<b>11</b>			2.890	1780	3188
	<b>12</b>			3.263	1460	2653
	<b>13</b>			3.720	1480	2165
	<b>14</b>			3.081	1230	1785
	<b>15</b>			3.314	1130	1488
	<b>16</b>			3.478	1190	1325
	<b>17</b>			3.642	1300	1258
	<b>18</b>			3.185	1510	1213
	<b>19</b>			2.358	1200	1283
	<b>20</b>			2.735	1120	1300
	<b>21</b>			2.766	991	1283
	<b>22</b>			3.575	1200	1205
	<b>23</b>			3.799	1360	1128
	<b>24</b>			2.243	1860	1168
	<b>25</b>			2.376	1620	1353
	<b>26</b>			2.804	1730	1510
	<b>27</b>			3.111	2720	1643
	<b>28</b>			3.785	3230	1983
	<b>29</b>			2.913	4150	2325
	<b>30</b>			3.840	5330	2958
	<b>31</b>					

	Sample Point	001	001	101	601	601
	Description	Effluent	Effluent	Effluent Reuse	River Monitoring	River Monitoring
	Parameter	315	553	671	400	399
	Description	Nickel, Total Recoverable	Zinc, Total Recoverable	Flow Unregulated	WLA Previous Day River Flow	WLA Previous 4 Day Avg River Flow
	Units	ug/L	ug/L	MGD	cfs	cfs
<b>Summary Values</b>	<b>Monthly Avg</b>	6.5	17.9	3.2748	2558.366666667	2683
	<b>Daily Max</b>	6.5	17.9	4.191	5460	5758
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	6.5	17.9	2.072	991	1128
	<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>	2.6	11.6			
	<b>LOQ</b>	10	40			
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	405132750	405132750			

	Sample Point	601	006	006	006	006
	Description	River Monitoring	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance
	Parameter	401	544	12	843	543
	Description	WLA Previous Day River Temp	WLA BOD5 Value	WLA Adjusted Value	WLA BOD5 Discharged	WLA 7 Day Sum Of WLA Values
	Units	degF	lbs/day	lbs/day	lbs/day	lbs/day
	Sample Type	CALCULATED	SEE TABLE	CALCULATED	CALCULATED	CALCULATED
	Frequency	DAILY	DAILY	DAILY	DAILY	DAILY
Sample Results	Day 1	64	5568	7684	230	34818
	2	66	5568	7684	117	36749
	3	68	3797	5240	141	36372
	4	70	3797	5240	112	35434
	5	71	3529	4870	104	33395
	6	72	3529	4870	178	31356
	7	74	3529	4870	121	29317
	8	76	3061	4224	128	26810
	9	77	2827	3901	196	24069
	10	79	2484	3428	187	22756
	11	81	1950	2691	223	20909
	12	82	1718	2371	142	19098
	13	82	1599	2207	135	17168
	14	82	1386	1913	190	15025
	15	80	1386	1913	151	13350
	16	78	1427	1969	117	11950
	17	76	1271	1754	184	10737
	18	76	1427	1969	183	10214
	19	76	1427	1969	224	9923
	20	76	1427	1969	305	9751
	21	76	1271	1754	226	9636
	22	74	1299	1793	123	9549
	23	72	1299	1793	158	9421
	24	71	1473	2033	419	9623
	25	70	1687	2328	389	9883
	26	71	1687	2328	1285	10143
	27	72	1687	2328	750	10403
	28	72	1908	2633	371	11040
	29	72	2282	3149	470	12023
	30	73	2640	3643	309	13364
	31					

	Sample Point	601	006	006	006	006
	Description	River Monitoring	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance
	Parameter	401	544	12	843	543
	Description	WLA Previous Day River Temp	WLA BOD5 Value	WLA Adjusted Value	WLA BOD5 Discharged	WLA 7 Day Sum Of WLA Values
	Units	degF	lbs/day	lbs/day	lbs/day	lbs/day
<b>Summary Values</b>	<b>Monthly Avg</b>	74.3	2331.333333333	3217.266666667	262.266666667	18476.2
	<b>Daily Max</b>	82	5568	7684	1285	36749
	<b>Daily Max - Variable</b>				1285	
	<b>Daily Min</b>	64	1271	1754	104	9421
	<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	112
	<b>Description</b>	WLA BOD5 Discharge Compliance	In-Plant Diversion
	<b>Parameter</b>	541	211
	<b>Description</b>	WLA 7 Day Sum Of BOD5 Discharged	Flow Rate
	<b>Units</b>	lbs/day	MGD
	<b>Sample Type</b>	CALCULATED	CONTINUOUS
	<b>Frequency</b>	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>	1486	0
	<b>2</b>	1394	0
	<b>3</b>	1248	0
	<b>4</b>	1135	0
	<b>5</b>	1054	0
	<b>6</b>	1108	0
	<b>7</b>	1002	0
	<b>8</b>	900	0
	<b>9</b>	980	0
	<b>10</b>	1026	0
	<b>11</b>	1138	0
	<b>12</b>	1175	0
	<b>13</b>	1132	0
	<b>14</b>	1201	0
	<b>15</b>	1224	0
	<b>16</b>	1144	0
	<b>17</b>	1140	0
	<b>18</b>	1100	0
	<b>19</b>	1182	0
	<b>20</b>	1352	0
	<b>21</b>	1388	0
	<b>22</b>	1360	0
	<b>23</b>	1402	0
	<b>24</b>	1637	0
	<b>25</b>	1843	0
	<b>26</b>	2904	0
	<b>27</b>	3349	0
	<b>28</b>	3494	0
	<b>29</b>	3842	0
	<b>30</b>	3992	0
	<b>31</b>		

	<b>Sample Point</b>	006	112
	<b>Description</b>	WLA BOD5 Discharge Compliance	In-Plant Diversion
	<b>Parameter</b>	541	211
	<b>Description</b>	WLA 7 Day Sum Of BOD5 Discharged	Flow Rate
	<b>Units</b>	lbs/day	MGD
<b>Summary Values</b>	<b>Monthly Avg</b>	1611.066666667	0
	<b>Daily Max</b>	3992	0
	<b>Daily Max - Variable</b>	3992	
	<b>Daily Min</b>	900	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
	<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

I certify that management practices identified in the approved water quality trading plan as the source of pollutant reduction credits are installed, established and properly maintained.

Laboratory Quality Control Comments

GGA Failure 6-10-21 (156mg/L)  
Blank Failure 6-15-21 (0.26mg/L)  
Blank Failure 6-18-21 (0.27 mg/L)

Submitted by K3vin1 on 07/08/2021 7:50:16 AM