

# 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: 08/01/2022 - 08/31/2022  
 Form Due Date: 09/21/2022  
 Permit Number: 0031232

Date Received:  
 DOC: 498284  
 FIN: 6375  
 FID: 445005220  
 Region: Northeast Region  
 Permit Drafter: Sarah J Adkins  
 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	5.521	1.912	306	236	
	2	5.600	1.896	424	248	
	3	5.854	2.609	363	340	<1.3
	4	5.785	2.263	317	252	
	5	5.851	1.936	392	252	
	6	6.928	3.564	309	268	
	7	11.554	8.143	146	216	
	8	9.634	6.828	185	104	
	9	7.992	4.724	205	144	
	10	7.267	5.206	224	180	
	11	6.698	3.600	297	180	
	12	6.603	2.630	319	196	
	13	8.306	4.767	175	108	
	14	7.576	4.684	169	156	
	15	7.206	3.801	211	196	
	16	6.711	3.255	202	172	
	17	6.622	3.167	252	184	
	18	6.223	2.781	304	188	
	19	6.020	2.614	280	196	
	20	5.657	2.331	311	180	
	21	5.870	2.721	272	244	
	22	5.836	2.382	286	220	
	23	5.773	2.187	235	192	
	24	5.774	2.289	267	204	
	25	5.858	2.748	284	236	
	26	5.784	2.401	395	276	
	27	5.295	2.110	397	192	
	28	6.303	3.010	249	208	
	29	6.531	3.294	241	196	
	30	5.834	2.427	233	252	
	31	5.781	2.146	264	200	

	<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>	6.588612903	3.239548387	274.64516129	206.967741935	0
	<b>Daily Max</b>	11.554	8.143	424	340	<1.3
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	5.295	1.896	146	104	<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>					1.5
	<b>LOQ</b>					5
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>			445005220	445005220	405132750

	<b>Sample Point</b>	701	701	701	001	701
	<b>Description</b>	Influent	Influent	Influent	Effluent	Influent
	<b>Parameter</b>	133	147	264	66	315
	<b>Description</b>	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	BOD5, Total	Nickel, Total Recoverable
	<b>Units</b>	ug/L	ug/L	ug/L	mg/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	DAILY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>				15	
	<b>2</b>				9	
	<b>3</b>	14.8	92.4	<5.9	16	10.2
	<b>4</b>				14	
	<b>5</b>				11	
	<b>6</b>				10	
	<b>7</b>				14	
	<b>8</b>				8	
	<b>9</b>				8	
	<b>10</b>				9	
	<b>11</b>				10	
	<b>12</b>				9	
	<b>13</b>				10	
	<b>14</b>				10	
	<b>15</b>				10	
	<b>16</b>				8	
	<b>17</b>				13	
	<b>18</b>				14	
	<b>19</b>				14	
	<b>20</b>				14	
	<b>21</b>				23	
	<b>22</b>				13	
	<b>23</b>				14	
	<b>24</b>				15	
	<b>25</b>				9	
	<b>26</b>				10	
	<b>27</b>				11	
	<b>28</b>				10	
	<b>29</b>				8	
	<b>30</b>				8	
	<b>31</b>				8	

	<b>Sample Point</b>	701	701	701	001	701
	<b>Description</b>	Influent	Influent	Influent	Effluent	Influent
	<b>Parameter</b>	133	147	264	66	315
	<b>Description</b>	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	BOD5, Total	Nickel, Total Recoverable
	<b>Units</b>	ug/L	ug/L	ug/L	mg/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	14.8	92.4	0	11.451612903	10.2
	<b>Daily Max</b>	14.8	92.4	<5.9	23	10.2
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	14.8	92.4	<5.9	8	10.2
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>				12.714285714	
	<b>Week 2 Avg</b>				9.142857143	
	<b>Week 3 Avg</b>				13.714285714	
	<b>Week 4 Avg</b>				11.714285714	
<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>	405132750	405132750	405132750	445005220	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>		7.2	103	<100	16.4
	<b>2</b>		7.1		<100	14.8
	<b>3</b>	169	7.2		<100	20.4
	<b>4</b>		7.0		<100	23.2
	<b>5</b>		7.3		<100	14.8
	<b>6</b>		7.4			15.2
	<b>7</b>		7.5			15.2
	<b>8</b>		7.6		<100	15.2
	<b>9</b>		7.1	5	<100	10.0
	<b>10</b>		7.4		<100	14.4
	<b>11</b>		7.1		<100	13.2
	<b>12</b>		7.7		<100	13.6
	<b>13</b>		7.3			12.4
	<b>14</b>		7.7			12.0
	<b>15</b>		7.2		<100	16.8
	<b>16</b>		7.1		<100	15.6
	<b>17</b>		7.4	80	<100	13.6
	<b>18</b>		7.5		<100	17.2
	<b>19</b>		7.4		<100	18.0
	<b>20</b>		7.3			16.8
	<b>21</b>		7.2			45.2
	<b>22</b>		7.2		<100	19.2
	<b>23</b>		7.3		<100	16.4
	<b>24</b>		7.4		<100	20.8
	<b>25</b>		7.1	185	<100	20.8
	<b>26</b>		7.4		<100	17.6
	<b>27</b>		7.4			17.6
	<b>28</b>		7.3			16.4
	<b>29</b>		7.1		<100	14.8
	<b>30</b>		7.2		<100	13.6
	<b>31</b>		7.5		<100	14.8

	<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>	169	7.309677419	93.25	0	16.967741935		
	<b>Daily Max</b>	169	7.7	185	<100	45.2		
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>	169	7	5	<100	10		
	<b>Geometric Mean -</b>			52.543286787				
	<b>Geometric Mean -</b>			80				
	<b>Week 1 Avg</b>				0	17.142857143		
	<b>Week 2 Avg</b>				0	12.971428571		
	<b>Week 3 Avg</b>				0	20.457142857		
	<b>Week 4 Avg</b>				0	18.4		
<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>	262	0	262	0.29	4.62
	<b>2</b>	234	0	234	0.37	5.85
	<b>3</b>	444	0	444	0.38	8.27
	<b>4</b>	438	0	438	0.35	6.61
	<b>5</b>	239	0	239	0.29	4.68
	<b>6</b>	452	0	452	0.31	9.21
	<b>7</b>	1032	0	1032	0.30	20.37
	<b>8</b>	866	0	866	0.22	12.53
	<b>9</b>	394	0	394	0.21	8.27
	<b>10</b>	625	0	625	0.25	10.85
	<b>11</b>	396	0	396	0.24	7.21
	<b>12</b>	298	0	298	0.29	6.36
	<b>13</b>	493	0	493	0.29	11.53
	<b>14</b>	469	0	469	0.31	12.11
	<b>15</b>	533	0	533	0.24	7.61
	<b>16</b>	423	0	423	0.29	7.87
	<b>17</b>	359	0	359	0.49	12.94
	<b>18</b>	399	0	399	0.38	8.81
	<b>19</b>	392	0	392	0.41	8.94
	<b>20</b>	327	0	327	0.44	8.55
	<b>21</b>	1026	0	1026	0.79	17.93
	<b>22</b>	381	0	381	0.28	5.56
	<b>23</b>	299	0	299	0.85	15.50
	<b>24</b>	397	0	397	0.42	8.02
	<b>25</b>	477	0	477	0.38	8.71
	<b>26</b>	352	0	352	0.38	7.61
	<b>27</b>	310	0	310	0.45	7.92
	<b>28</b>	412	0	412	0.38	9.54
	<b>29</b>	407	0	407	0.30	8.24
	<b>30</b>	275	0	275	0.34	6.88
	<b>31</b>	265	0	265	0.28	5.01

	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>	441.161290323	0	441.161290323	0.361290323	9.16483871	
	<b>Daily Max</b>	1032	0	1032	0.85	20.37	
	<b>Daily Max - Variable</b>						
	<b>Daily Min</b>	234	0	234	0.21	4.62	
	<b>Geometric Mean -</b>						
	<b>Geometric Mean -</b>						
	<b>Week 1 Avg</b>			443			
	<b>Week 2 Avg</b>			505.857142857			
	<b>Week 3 Avg</b>			494.142857143			
	<b>Week 4 Avg</b>			375.428571429			
<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>	0.9				
	<b>2</b>	0.3				
	<b>3</b>	0.6	<1.3	<2.5	5.1	<5.9
	<b>4</b>	0.3				
	<b>5</b>					
	<b>6</b>					
	<b>7</b>	0.4				
	<b>8</b>	0.2				
	<b>9</b>	0.3				
	<b>10</b>	0.3				
	<b>11</b>	0.5				
	<b>12</b>					
	<b>13</b>					
	<b>14</b>	0.2				
	<b>15</b>	0.3				
	<b>16</b>	0.5				
	<b>17</b>	0.7				
	<b>18</b>	0.8				
	<b>19</b>					
	<b>20</b>					
	<b>21</b>	0.3				
	<b>22</b>	0.6				
	<b>23</b>	0.6				
	<b>24</b>	0.7				
	<b>25</b>	0.2				
	<b>26</b>					
	<b>27</b>					
	<b>28</b>	0.2				
	<b>29</b>	0.1				
	<b>30</b>	0.2				
	<b>31</b>	0.2				

	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>	0.408695652	0	0	5.1	0
	<b>Daily Max</b>	0.9	<1.3	<2.5	5.1	<5.9
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	0.1	<1.3	<2.5	5.1	<5.9
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	0.5				
	<b>Week 2 Avg</b>	0.3				
	<b>Week 3 Avg</b>	0.52				
	<b>Week 4 Avg</b>	0.46				
<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>	0.027	1.3	2.5	3.4	5.9
	<b>LOQ</b>	0.09	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	001	101	601
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent Reuse	River Monitoring
	<b>Parameter</b>	315	553	391	671	400
	<b>Description</b>	Nickel, Total Recoverable	Zinc, Total Recoverable	E. coli	Flow Unregulated	WLA Previous Day River Flow
	<b>Units</b>	ug/L	ug/L	#/100ml	MGD	cfs
	<b>Sample Type</b>	24 HR FLOW PROP	24 HR FLOW PROP	GRAB	CONTINUOUS	GAUGE STN
	<b>Frequency</b>	MONTHLY	MONTHLY	WEEKLY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>				3.609	2880
	<b>2</b>				3.704	2830
	<b>3</b>	7.1	16.4		3.245	2930
	<b>4</b>				3.522	2850
	<b>5</b>				3.915	2830
	<b>6</b>				3.364	2930
	<b>7</b>				3.411	3420
	<b>8</b>			55	2.806	2380
	<b>9</b>				3.268	2290
	<b>10</b>				2.061	2300
	<b>11</b>				3.098	2210
	<b>12</b>				3.973	2230
	<b>13</b>				3.539	2520
	<b>14</b>				2.892	2360
	<b>15</b>			15	3.405	2570
	<b>16</b>				3.456	3150
	<b>17</b>				3.455	2950
	<b>18</b>				3.442	3160
	<b>19</b>				3.406	3380
	<b>20</b>				3.326	3340
	<b>21</b>				3.149	3250
	<b>22</b>				3.454	3250
	<b>23</b>				3.586	3200
	<b>24</b>				3.485	3170
	<b>25</b>				3.110	3190
	<b>26</b>			90	3.383	3160
	<b>27</b>				3.185	3220
	<b>28</b>				3.293	3260
	<b>29</b>				3.237	3170
	<b>30</b>				3.407	2700
	<b>31</b>				3.635	2710

	Sample Point	001	001	001	101	601
	Description	Effluent	Effluent	Effluent	Effluent Reuse	River Monitoring
	Parameter	315	553	391	671	400
	Description	Nickel, Total Recoverable	Zinc, Total Recoverable	E. coli	Flow Unregulated	WLA Previous Day River Flow
	Units	ug/L	ug/L	#/100ml	MGD	cfs
<b>Summary Values</b>	<b>Monthly Avg</b>	7.1	16.4	53.333333333	3.349064516	2896.451612903
	<b>Daily Max</b>	7.1	16.4	90	3.973	3420
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	7.1	16.4	15	2.061	2210
	<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			

	<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>	2905	76	2125	2933	238
	<b>2</b>	2895	77	2125	2933	137
	<b>3</b>	2885	77	2125	2933	355
	<b>4</b>	2895	77	2125	2933	264
	<b>5</b>	2873	77	1942	2680	174
	<b>6</b>	2860	78	1942	2680	309
	<b>7</b>	2885	79	1942	2680	924
	<b>8</b>	3008	79	2338	3226	483
	<b>9</b>	2890	77	2125	2933	307
	<b>10</b>	2755	76	2125	2933	402
	<b>11</b>	2598	77	1995	2753	287
	<b>12</b>	2295	77	1856	2561	190
	<b>13</b>	2258	76	1856	2561	402
	<b>14</b>	2315	74	1856	2561	378
	<b>15</b>	2330	72	2018	2785	302
	<b>16</b>	2420	72	2018	2785	221
	<b>17</b>	2650	73	2018	2785	335
	<b>18</b>	2758	75	2125	2933	327
	<b>19</b>	2958	76	2125	2933	312
	<b>20</b>	3160	75	2338	3226	272
	<b>21</b>	3208	74	2338	3226	517
	<b>22</b>	3283	74	2338	3226	260
	<b>23</b>	3305	74	2338	3226	259
	<b>24</b>	3260	75	2338	3226	294
	<b>25</b>	3218	76	2338	3226	209
	<b>26</b>	3203	76	2338	3226	192
	<b>27</b>	2180	75	2338	3226	185
	<b>28</b>	2185	75	2338	3226	254
	<b>29</b>	3208	74	2338	3226	230
	<b>30</b>	3203	74	2338	3226	165
	<b>31</b>	3088	74	2338	3226	151

	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>	2836.580645161	75.516129032	2156.032258065	2975.258064516	301.129032258
	<b>Daily Max</b>	3305	79	2338	3226	924
	<b>Daily Max - Variable</b>					924
	<b>Daily Min</b>	2180	72	1856	2561	137
	<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>	15493	1869	0
	<b>2</b>	15427	1730	0
	<b>3</b>	15361	1735	0
	<b>4</b>	15073	1781	0
	<b>5</b>	14824	1644	0
	<b>6</b>	14575	1746	0
	<b>7</b>	14326	2401	0
	<b>8</b>	14539	2884	0
	<b>9</b>	14539	2816	0
	<b>10</b>	14539	2863	0
	<b>11</b>	14409	2886	0
	<b>12</b>	14323	2901	0
	<b>13</b>	14237	2994	0
	<b>14</b>	14151	2448	0
	<b>15</b>	13831	2267	0
	<b>16</b>	13724	2181	0
	<b>17</b>	13617	2115	0
	<b>18</b>	13747	2155	0
	<b>19</b>	14016	2277	0
	<b>20</b>	14498	2148	0
	<b>21</b>	14980	2287	0
	<b>22</b>	15300	2245	0
	<b>23</b>	15620	2283	0
	<b>24</b>	15940	2242	0
	<b>25</b>	16153	2123	0
	<b>26</b>	16366	2004	0
	<b>27</b>	16366	1917	0
	<b>28</b>	16366	1653	0
	<b>29</b>	16366	1623	0
	<b>30</b>	16366	1529	0
	<b>31</b>	16366	1386	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>	15014.129032258	2165.580645161	0
	<b>Daily Max</b>	16366	2994	0
	<b>Daily Max - Variable</b>		2994	
	<b>Daily Min</b>	13617	1386	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

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

Submitted by K3vin1 on 09/12/2022 12:54:33 PM