

**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: 09/01/2021 - 09/30/2021  
 Form Due Date: 10/21/2021  
 Permit Number: 0031232

Date Received:  
 DOC: 473445  
 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	8.614	5.265	204	232	
	2	8.151	4.804	250	192	
	3	7.641	5.017	211	164	
	4	7.102	4.317	207	168	
	5	6.912	4.371	211	148	
	6	7.707	4.788	217	216	
	7	7.251	3.693	256	216	<1.3
	8	7.206	3.874	242	216	
	9	7.008	3.358	245	212	
	10	6.755	4.037	242	180	
	11	6.769	3.055	244	180	
	12	6.969	4.162	269	228	
	13	6.463	2.972	253	268	
	14	6.056	2.404	254	320	
	15	5.687	2.317	268	232	
	16	6.014	1.933	230	204	
	17	5.628	2.250	293	184	
	18	5.447	2.320	323	188	
	19	5.782	3.040	253	240	
	20	6.571	2.661	264	260	
	21	6.064	2.104	240	204	
	22	5.768	2.991	268	232	
	23	5.794	3.066	265	268	
	24	5.828	3.580	263	192	
	25	5.389	4.820	314	224	
	26	5.887	5.887	272	240	
	27	5.386	5.386	278	244	
	28	5.314	5.314	314	268	
	29	5.523	5.523	258	232	
	30	5.441	5.441	280	232	
	31					

	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
<b>Summary Values</b>	<b>Monthly Avg</b>	6.404233333	3.825	256.266666667	219.466666667	0
	<b>Daily Max</b>	8.614	5.887	323	320	<1.3
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	5.314	1.933	204	148	<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>	11				
	<b>2</b>	10				
	<b>3</b>	9				
	<b>4</b>	8				
	<b>5</b>	7				
	<b>6</b>	9				
	<b>7</b>	12	11.1	67.3	<5.9	7.1
	<b>8</b>	12				
	<b>9</b>	12				
	<b>10</b>	10				
	<b>11</b>	9				
	<b>12</b>	15				
	<b>13</b>	13				
	<b>14</b>	12				
	<b>15</b>	12				
	<b>16</b>	11				
	<b>17</b>	12				
	<b>18</b>	10				
	<b>19</b>	14				
	<b>20</b>	14				
	<b>21</b>	19				
	<b>22</b>	17				
	<b>23</b>	9				
	<b>24</b>	11				
	<b>25</b>	8				
	<b>26</b>	11				
	<b>27</b>	13				
	<b>28</b>	10				
	<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>	11.233333333	11.1	67.3	0	7.1
	<b>Daily Max</b>	19	11.1	67.3	<5.9	7.1
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	7	11.1	67.3	<5.9	7.1
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	9.428571429				
	<b>Week 2 Avg</b>	11.857142857				
	<b>Week 3 Avg</b>	13.142857143				
	<b>Week 4 Avg</b>	11.285714286				
<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>		7.2	108	<100	15.2
	<b>2</b>		7.3		<100	17.2
	<b>3</b>		7.6		<100	14.8
	<b>4</b>		7.4			12.8
	<b>5</b>		7.4			12.0
	<b>6</b>		7.3		<100	12.0
	<b>7</b>	120	7.4		<100	15.2
	<b>8</b>		7.3	60	<100	13.6
	<b>9</b>		7.2		<100	16.8
	<b>10</b>		7.1		<100	16.4
	<b>11</b>		7.4			13.6
	<b>12</b>		7.4			17.2
	<b>13</b>		7.2		<100	18.4
	<b>14</b>		7.2		<100	15.6
	<b>15</b>		7.2		<100	14.4
	<b>16</b>		7.2	130	<100	15.6
	<b>17</b>		7.7		<100	14.8
	<b>18</b>		8.0			16.0
	<b>19</b>		7.7			18.8
	<b>20</b>		7.3		<100	22.0
	<b>21</b>		7.1		<100	21.6
	<b>22</b>		7.4	48	<100	29.6
	<b>23</b>		7.2		<100	18.4
	<b>24</b>		7.8		<100	12.4
	<b>25</b>		7.5			13.2
	<b>26</b>		7.4			15.6
	<b>27</b>		7.3		<100	16.0
	<b>28</b>		7.1		<100	13.2
	<b>29</b>		7.2		<100	12.8
	<b>30</b>		7.2		<100	12.0
	<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>	120	7.356666667	86.5	0	15.906666667		
	<b>Daily Max</b>	120	8	130	<100	29.6		
	<b>Daily Max - Variable</b>							
	<b>Daily Min</b>	120	7.1	48	<100	12		
	<b>Geometric Mean -</b>			79.742509515				
	<b>Geometric Mean -</b>			130				
	<b>Week 1 Avg</b>				0	14.171428571		
	<b>Week 2 Avg</b>				0	15.942857143		
	<b>Week 3 Avg</b>				0	17.6		
	<b>Week 4 Avg</b>				0	16.914285714		
<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>	667	0	667	0.32	14.05
	<b>2</b>	689	0	689	0.36	14.42
	<b>3</b>	619	0	619	0.29	12.13
	<b>4</b>	461	0	461	0.30	10.80
	<b>5</b>	437	0	437	0.35	12.76
	<b>6</b>	479	0	479	0.36	14.38
	<b>7</b>	468	0	468	0.34	10.47
	<b>8</b>	439	0	439	0.36	11.63
	<b>9</b>	470	0	470	0.33	9.24
	<b>10</b>	552	0	552	0.36	12.12
	<b>11</b>	347	0	347	0.46	11.72
	<b>12</b>	597	0	597	0.50	17.36
	<b>13</b>	456	0	456	0.53	13.14
	<b>14</b>	313	0	313	0.47	9.42
	<b>15</b>	278	0	278	0.43	8.31
	<b>16</b>	251	0	251	0.41	6.61
	<b>17</b>	278	0	278	0.39	7.32
	<b>18</b>	310	0	310	0.41	7.93
	<b>19</b>	477	0	477	0.47	11.92
	<b>20</b>	488	0	488	0.48	10.65
	<b>21</b>	379	0	379	0.39	6.84
	<b>22</b>	738	0	738	0.58	14.47
	<b>23</b>	470	0	470	0.44	11.25
	<b>24</b>	370	0	370	0.32	9.55
	<b>25</b>	531	0	531	0.39	15.68
	<b>26</b>	766	0	766	0.39	19.15
	<b>27</b>	719	0	719	0.44	19.76
	<b>28</b>	585	0	585	0.36	15.95
	<b>29</b>	590	0	590	0.33	15.20
	<b>30</b>	545	0	545	0.33	14.97
	<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>	492.3	0	492.3	0.396333333	12.306666667	
	<b>Daily Max</b>	766	0	766	0.58	19.76	
	<b>Daily Max - Variable</b>						
	<b>Daily Min</b>	251	0	251	0.29	6.61	
	<b>Geometric Mean -</b>						
	<b>Geometric Mean -</b>						
	<b>Week 1 Avg</b>			545.714285714			
	<b>Week 2 Avg</b>			453.428571429			
	<b>Week 3 Avg</b>			351.571428571			
	<b>Week 4 Avg</b>			597			
<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				
	<b>2</b>	0.4				
	<b>3</b>					
	<b>4</b>					
	<b>5</b>	0.3				
	<b>6</b>	0.4				
	<b>7</b>	0.7	<1.3	<2.5	6.2	<5.9
	<b>8</b>	0.6				
	<b>9</b>	0.5				
	<b>10</b>					
	<b>11</b>					
	<b>12</b>	0.9				
	<b>13</b>	0.4				
	<b>14</b>	0.6				
	<b>15</b>	0.4				
	<b>16</b>	0.3				
	<b>17</b>					
	<b>18</b>					
	<b>19</b>	1.1				
	<b>20</b>	0.8				
	<b>21</b>	1.4				
	<b>22</b>	0.3				
	<b>23</b>	0.4				
	<b>24</b>					
	<b>25</b>					
	<b>26</b>	0.3				
	<b>27</b>	0.5				
	<b>28</b>	0.5				
	<b>29</b>	0.4				
	<b>30</b>	0.4				
	<b>31</b>					

	<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>Summary Values</b>	<b>Monthly Avg</b>	0.545454545	0	0	6.2	0
	<b>Daily Max</b>	1.4	<1.3	<2.5	6.2	<5.9
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	0.3	<1.3	<2.5	6.2	<5.9
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	0.44				
	<b>Week 2 Avg</b>	0.6				
	<b>Week 3 Avg</b>	0.8				
	<b>Week 4 Avg</b>	0.4				
<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	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>			3.349	10300	9400
	<b>2</b>			3.347	10100	9678
	<b>3</b>			2.624	9770	9860
	<b>4</b>			2.785	9730	9940
	<b>5</b>			2.541	9610	9975
	<b>6</b>			2.919	9550	9803
	<b>7</b>	5.1	16.0	3.558	9790	9665
	<b>8</b>			3.332	9140	9670
	<b>9</b>			3.650	8390	9523
	<b>10</b>			2.718	8100	9218
	<b>11</b>			3.714	8080	8855
	<b>12</b>			2.807	7980	8428
	<b>13</b>			3.491	7210	8138
	<b>14</b>			3.652	4350	7843
	<b>15</b>			3.370	3370	6905
	<b>16</b>			4.081	3510	5728
	<b>17</b>			3.378	3430	4610
	<b>18</b>			3.127	3300	3665
	<b>19</b>			2.742	3330	3403
	<b>20</b>			3.910	3370	3393
	<b>21</b>			3.960	3430	3358
	<b>22</b>			2.777	3190	3358
	<b>23</b>			2.728	4140	3330
	<b>24</b>			2.248	4870	3533
	<b>25</b>			0.569	4950	3908
	<b>26</b>			0	4470	4288
	<b>27</b>			0	3770	4608
	<b>28</b>			0	3660	4515
	<b>29</b>			0	3610	4213
	<b>30</b>			0	3550	3878
	<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>	5.1	16	2.579233333	6068.333333333	6556.3
	<b>Daily Max</b>	5.1	16	4.081	10300	9975
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	5.1	16	0	3190	3330
	<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	006	006	006	006
	<b>Description</b>	River Monitoring	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance	WLA BOD5 Discharge Compliance
	<b>Parameter</b>	401	544	12	843	543
	<b>Description</b>	WLA Previous Day River Temp	WLA BOD5 Value	WLA Adjusted Value	WLA BOD5 Discharged	WLA 7 Day Sum Of WLA Values
	<b>Units</b>	degF	lbs/day	lbs/day	lbs/day	lbs/day
	<b>Sample Type</b>	CALCULATED	SEE TABLE	CALCULATED	CALCULATED	CALCULATED
	<b>Frequency</b>	DAILY	DAILY	DAILY	DAILY	DAILY
<b>Sample Results</b>	<b>Day 1</b>	76	4810	6638	470	33694
	<b>2</b>	74	4810	6638	413	33690
	<b>3</b>	74	4810	6638	358	33686
	<b>4</b>	74	4810	6638	285	33682
	<b>5</b>	71	5568	7684	266	34436
	<b>6</b>	71	5568	7684	379	35190
	<b>7</b>	71	5568	7684	376	35944
	<b>8</b>	71	5568	7684	375	36702
	<b>9</b>	69	5568	7684	330	37460
	<b>10</b>	69	5568	7684	331	38218
	<b>11</b>	71	5568	7684	220	38976
	<b>12</b>	71	5568	7684	510	38976
	<b>13</b>	71	5568	7684	332	38976
	<b>14</b>	70	4434	6119	235	37842
	<b>15</b>	70	4434	6119	230	36708
	<b>16</b>	69	5208	7187	181	36348
	<b>17</b>	69	3526	4866	225	34306
	<b>18</b>	69	3053	4213	192	31791
	<b>19</b>	69	2761	3810	355	28984
	<b>20</b>	69	2761	3810	317	26177
	<b>21</b>	71	2456	3389	325	24199
	<b>22</b>	70	2456	3389	414	22221
	<b>23</b>	68	2761	3810	230	19774
	<b>24</b>	66	3053	4213	314	19301
	<b>25</b>	65	3053	4213	334	19301
	<b>26</b>	65	4108	5669	525	20648
	<b>27</b>	64	4108	5669	561	21995
	<b>28</b>	65	4108	5669	456	23647
	<b>29</b>	65	3526	4866	399	24717
	<b>30</b>	66	3053	4213	367	25009
	<b>31</b>					

	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>	69.433333333	4273.7	5897.733333333	343.5	30753.266666667
	<b>Daily Max</b>	76	5568	7684	561	38976
	<b>Daily Max - Variable</b>				561	
	<b>Daily Min</b>	64	2456	3389	181	19301
	<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>	4969	0
	<b>2</b>	4847	0
	<b>3</b>	4005	0
	<b>4</b>	3342	0
	<b>5</b>	2941	0
	<b>6</b>	2572	0
	<b>7</b>	2545	0
	<b>8</b>	2450	0
	<b>9</b>	2368	0
	<b>10</b>	2342	0
	<b>11</b>	2277	0
	<b>12</b>	2522	0
	<b>13</b>	2475	0
	<b>14</b>	2334	0
	<b>15</b>	2189	0
	<b>16</b>	2039	0
	<b>17</b>	1933	0
	<b>18</b>	1905	0
	<b>19</b>	1749	0
	<b>20</b>	1735	0
	<b>21</b>	1825	0
	<b>22</b>	2009	0
	<b>23</b>	2058	0
	<b>24</b>	2147	0
	<b>25</b>	2289	0
	<b>26</b>	2460	0
	<b>27</b>	2704	0
	<b>28</b>	2835	0
	<b>29</b>	2820	0
	<b>30</b>	2957	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>	2588.1	0
	<b>Daily Max</b>	4969	0
	<b>Daily Max - Variable</b>	4969	
	<b>Daily Min</b>	1735	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

9-17-21 BOD Blank Exceedance 0.35ppm

Submitted by K3vin1 on 10/20/2021 6:31:28 AM