

# 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 Helminger, District Director  
Phone Number: 920-766-5731  
Reporting Period: 07/01/2024 - 07/31/2024  
Form Due Date: 08/21/2024  
Permit Number: 0031232

Date Received:	
DOC:	550113
FIN:	6375
FID:	445005220
Region:	Northeast Region
Permit Drafter:	Sarah J Adkins
Reviewer:	Barti Oumarou
Office:	Oshkosh

## Sample Point(s) active?

Yes - 701 sample point (Influent)  
Yes - 001 sample point (Effluent)  
Yes - 101 sample point (Effluent Reuse)  
Yes - 601 sample point (River Monitoring)  
Yes - 006 sample point (WLA BOD5 Discharge Compliance)  
Yes - 112 sample point (In-Plant Diversion)

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	Sample Point	001	701	701	701	701
	Description	Effluent	Influent	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	6.847	8.890	140	140	
	2	9.283	12.331	121	136	
	3	14.176	17.362	102	92	<1.3
	4	8.502	11.789	86	112	
	5	11.769	14.392	<100	84	
	6	10.455	13.618	<100	72	
	7	8.429	11.378	113	112	
	8	7.030	10.735	132	152	
	9	6.496	9.807	166	144	
	10	6.0046	8.947	146	136	
	11	4.967	8.258	158	132	
	12	4.484	7.924	154	176	
	13	7.354	10.754	104	148	
	14	13.905	17.237	85	88	
	15	8.639	12.005	117	112	
	16	6.867	10.079	114	120	
	17	5.597	8.832	130	120	
	18	4.972	8.161	184	112	
	19	2.657	6.325	259	236	
	20	3.715	7.350	206	208	
	21	3.676	7.110	204	204	
	22	3.686	7.213	161	172	
	23	4.601	7.961	196	156	
	24	4.322	7.342	181	176	
	25	3.471	6.918	215	160	
	26	3.232	6.814	258	102	
	27	2.932	6.319	170	172	
	28	3.087	6.291	256	188	
	29	2.621	5.962	234	184	
	30	2.219	5.711	238	188	
	31	1.793	5.567	216	176	

	Sample Point	001	701	701	701	701
	Description	Effluent	Influent	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>	6.057696774	9.334903226	156.322580645	145.483870968	0
	<b>Daily Max</b>	14.176	17.362	259	236	<1.3
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	1.793	5.567	85	72	<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>	701	701	701	701	701
	<b>Description</b>	Influent	Influent	Influent	Influent	Influent
	<b>Parameter</b>	133	147	264	315	553
	<b>Description</b>	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, 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>	<1.3	43.9	<5.9	8.4	82.8
	<b>4</b>					
	<b>5</b>					
	<b>6</b>					
	<b>7</b>					
	<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>	133	147	264	315	553
	<b>Description</b>	Chromium, Total Recoverable	Copper, Total Recoverable	Lead, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable
	<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Summary Values</b>	<b>Monthly Avg</b>	0	43.9	0	8.4	82.8
	<b>Daily Max</b>	<1.3	43.9	<5.9	8.4	82.8
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	<1.3	43.9	<5.9	8.4	82.8
	<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>	2.5	3.4	5.9	2.6	11.6
	<b>LOQ</b>	10	10	20	10	40
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>	405132750	405132750	405132750	405132750	405132750

	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Effluent	Effluent	Effluent	Effluent	Effluent
	<b>Parameter</b>	66	377	204	112	457
	<b>Description</b>	BOD5, Total	pH Field	Fecal Coliform	Chlorine, Total Residual	Suspended Solids, Total
	<b>Units</b>	mg/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>	DAILY	5/WEEK	WEEKLY	5/WEEK	5/WEEK
<b>Sample Results</b>	<b>Day 1</b>	3	7.4	0	<100	4.4
	<b>2</b>	4	7.4		<100	4.8
	<b>3</b>	5	7.3			5.6
	<b>4</b>	8	7.7			4.0
	<b>5</b>	4	7.6		<100	6.8
	<b>6</b>	<2.4	7.8		<100	1.2
	<b>7</b>	5	7.9		<100	2.4
	<b>8</b>	8	7.6	15	<100	2.4
	<b>9</b>	9	7.4		<100	2.6
	<b>10</b>	12	7.4			3.0
	<b>11</b>	8	7.2			2.2
	<b>12</b>	6	7.3		<100	3.2
	<b>13</b>	10	7.7		<100	5.8
	<b>14</b>	10.3	7.6	1080	<100	6.5
	<b>15</b>	4	7.3		<100	4.0
	<b>16</b>	3	7.4	28	<100	8.0
	<b>17</b>	4	7.5			10.0
	<b>18</b>	3	7.5			5.2
	<b>19</b>	5	7.6		<100	1.6
	<b>20</b>	7	7.6		<100	3.2
	<b>21</b>	3	7.5		<100	3.6
	<b>22</b>	3	7.4	18	<100	5.2
	<b>23</b>	3	7.5		<100	12.0
	<b>24</b>	3	7.4			7.2
	<b>25</b>	2	7.4			6.0
	<b>26</b>	4	7.6		<100	12.0
	<b>27</b>	4	7.9		<100	4.8
	<b>28</b>	4	7.9		<100	5.2
	<b>29</b>	5	7.7		<100	4.8
	<b>30</b>	11	7.6		<100	4.4
	<b>31</b>	5	7.4		<100	4.8

	<b>Sample Point</b>	001		001		001		001		001	
	<b>Description</b>	Effluent		Effluent		Effluent		Effluent		Effluent	
	<b>Parameter</b>	66		377		204		112		457	
	<b>Description</b>	BOD5, Total		pH Field		Fecal Coliform		Chlorine, Total Residual		Suspended Solids, Total	
	<b>Units</b>	mg/L		su		#/100ml		ug/L		mg/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	5.332258065		7.532258065		228.2		0		5.061290323	
	<b>Daily Max</b>	12		7.9		1080		<100		12	
	<b>Daily Max - Variable</b>										
	<b>Daily Min</b>	2		7.2		0		<100		1.2	
	<b>Geometric Mean -</b>					24.120655735					
	<b>Geometric Mean -</b>					18					
	<b>Week 1 Avg</b>	4.142857143								4.171428571	
	<b>Week 2 Avg</b>	9.042857143								3.671428571	
	<b>Week 3 Avg</b>	4.142857143								5.085714286	
	<b>Week 4 Avg</b>	3.285714286								7.485714286	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>	30	0					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>	45	0							45	0
<b>QA/QC Information</b>	<b>LOD</b>							100			
	<b>LOQ</b>							100			
	<b>QC Exceedance</b>	N		N		N		N		N	
	<b>Lab Certification</b>	445005220								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>	251	0	251	0.12	6.85
	<b>2</b>	372	0	372	0.15	11.61
	<b>3</b>	662	0	662	0.15	17.73
	<b>4</b>	284	0	284	0.17	12.05
	<b>5</b>	667	0	667	0.25	24.54
	<b>6</b>	105	0	105	0.15	13.08
	<b>7</b>	169	0	169	0.12	8.44
	<b>8</b>	141	0	141	0.12	7.04
	<b>9</b>	141	0	141	0.13	7.04
	<b>10</b>	151	0	151	0.15	7.56
	<b>11</b>	91	0	91	0.14	5.80
	<b>12</b>	120	0	120	0.18	6.73
	<b>13</b>	485	0	485	0.24	18.09
	<b>14</b>	462	0	462	0.26	16.47
	<b>15</b>	288	0	288	0.11	7.93
	<b>16</b>	458	0	458	0.09	5.15
	<b>17</b>	467	0	467	0.10	4.67
	<b>18</b>	216	0	216	0.12	4.98
	<b>19</b>	35	0	35	0.21	4.65
	<b>20</b>	99	0	99	0.16	4.96
	<b>21</b>	110	0	110	0.14	4.29
	<b>22</b>	160	0	160	0.13	4.00
	<b>23</b>	461	0	461	0.14	5.37
	<b>24</b>	260	0	260	0.14	5.05
	<b>25</b>	174	0	174	0.13	3.76
	<b>26</b>	323	0	323	0.21	5.66
	<b>27</b>	117	0	117	0.23	5.62
	<b>28</b>	134	0	134	0.21	5.41
	<b>29</b>	105	0	105	0.21	4.59
	<b>30</b>	81	0	81	0.23	4.26
	<b>31</b>	72	0	72	0.18	2.69

	<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>Summary Values</b>	<b>Monthly Avg</b>	247.129032258	0	247.129032258	0.163548387	7.937741935	
	<b>Daily Max</b>	667	0	667	0.26	24.54	
	<b>Daily Max - Variable</b>						
	<b>Daily Min</b>	35	0	35	0.09	2.69	
	<b>Geometric Mean -</b>						
	<b>Geometric Mean -</b>						
	<b>Week 1 Avg</b>			358.571428571			
	<b>Week 2 Avg</b>			227.285714286			
	<b>Week 3 Avg</b>			239			
	<b>Week 4 Avg</b>			232.714285714			
<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>	0.2				
	<b>2</b>	0.6				
	<b>3</b>	0.1	<1.3	<2.5	4.1	<5.9
	<b>4</b>	0.1				
	<b>5</b>					
	<b>6</b>					
	<b>7</b>	0.1				
	<b>8</b>	0.1				
	<b>9</b>	0.1				
	<b>10</b>	0.2				
	<b>11</b>	0.1				
	<b>12</b>					
	<b>13</b>					
	<b>14</b>	0.3				
	<b>15</b>	0.2				
	<b>16</b>	0.3				
	<b>17</b>	0.2				
	<b>18</b>	0.2				
	<b>19</b>					
	<b>20</b>					
	<b>21</b>	0.2				
	<b>22</b>	0.2				
	<b>23</b>	0.1				
	<b>24</b>	0.1				
	<b>25</b>	0.1				
	<b>26</b>					
	<b>27</b>					
	<b>28</b>	0.2				
	<b>29</b>	0.2				
	<b>30</b>	0.3				
	<b>31</b>	0.2				

	<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>	0.191304348	0	0	4.1	0
	<b>Daily Max</b>	0.6	<1.3	<2.5	4.1	<5.9
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	0.1	<1.3	<2.5	4.1	<5.9
	<b>Geometric Mean -</b>					
	<b>Geometric Mean -</b>					
	<b>Week 1 Avg</b>	0.22				
	<b>Week 2 Avg</b>	0.16				
	<b>Week 3 Avg</b>	0.22				
	<b>Week 4 Avg</b>	0.14				
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>	4.4	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>			2.043	11100	11900
	<b>2</b>			3.048	11400	11650
	<b>3</b>	6.1	<11.6	3.186	11500	11475
	<b>4</b>			3.287	11600	11375
	<b>5</b>			2.623	11100	11400
	<b>6</b>			3.163	11900	11400
	<b>7</b>			2.949	14900	11525
	<b>8</b>			3.705	14900	12375
	<b>9</b>			3.311	14600	13200
	<b>10</b>			2.901	14100	14075
	<b>11</b>			3.291	14200	14625
	<b>12</b>			3.440	13500	14450
	<b>13</b>			3.400	13900	14100
	<b>14</b>			3.332	15200	13925
	<b>15</b>			3.366	14700	14200
	<b>16</b>			3.212	11900	14325
	<b>17</b>			3.235	8810	13925
	<b>18</b>			3.189	8500	12653
	<b>19</b>			3.668	10000	10978
	<b>20</b>			3.635	9180	9803
	<b>21</b>			3.434	8470	9123
	<b>22</b>			3.527	10100	9038
	<b>23</b>			3.360	8710	9438
	<b>24</b>			3.020	7380	9115
	<b>25</b>			3.447	8190	8665
	<b>26</b>			3.582	8700	8595
	<b>27</b>			3.387	8760	8245
	<b>28</b>			3.204	8490	8258
	<b>29</b>			3.341	7240	8535
	<b>30</b>			3.492	6540	8298
	<b>31</b>			3.774	5810	7758

	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>	6.1	0	3.275870968	10818.709677419	11239.580645161
	<b>Daily Max</b>	6.1	<11.6	3.774	15200	14625
	<b>Daily Max - Variable</b>					
	<b>Daily Min</b>	6.1	<11.6	2.043	5810	7758
	<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>	72	5568	7684	156	33408
	<b>2</b>	72	5568	7684	334	33408
	<b>3</b>	70	5568	7684	582	33408
	<b>4</b>	71	5568	7684	554	33408
	<b>5</b>	72	5568	7684	428	33408
	<b>6</b>	71	5568	7684	206	33408
	<b>7</b>	72	5568	7684	354	33408
	<b>8</b>	73	5568	7684	487	44544
	<b>9</b>	74	5182	7151	484	44158
	<b>10</b>	74	5182	7151	595	43772
	<b>11</b>	75	5182	7151	320	43386
	<b>12</b>	77	5182	7151	234	4300
	<b>13</b>	77	4374	6036	691	41806
	<b>14</b>	78	4374	6036	580	35044
	<b>15</b>	78	4374	6036	270	33850
	<b>16</b>	79	4374	6036	191	33042
	<b>17</b>	79	4374	6036	176	32234
	<b>18</b>	77	5182	7151	119	32234
	<b>19</b>	76	5182	7151	114	32234
	<b>20</b>	77	5182	7151	207	33042
	<b>21</b>	77	5182	7151	94	33850
	<b>22</b>	78	4374	6036	90	33850
	<b>23</b>	78	4374	6036	115	33850
	<b>24</b>	78	4374	6036	108	33850
	<b>25</b>	76	5182	7151	71	33850
	<b>26</b>	77	5182	7151	99	33850
	<b>27</b>	77	5182	7151	88	33850
	<b>28</b>	77	5182	7151	95	33850
	<b>29</b>	77	5182	7151	100	34658
	<b>30</b>	77	5182	7151	198	35466
	<b>31</b>	78	3569	4925	70	34661

	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>	75.612903226	5021.064516129	6929	264.838709677	34293.129032258
	<b>Daily Max</b>	79	5568	7684	691	44544
	<b>Daily Max - Variable</b>				691	
	<b>Daily Min</b>	70	3569	4925	70	4300
	<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>	1831	
	<b>2</b>	1579	
	<b>3</b>	1821	
	<b>4</b>	2129	
	<b>5</b>	2366	
	<b>6</b>	2400	
	<b>7</b>	2614	
	<b>8</b>	2944	
	<b>9</b>	3095	
	<b>10</b>	3108	
	<b>11</b>	2874	
	<b>12</b>	2680	
	<b>13</b>	3165	0.329
	<b>14</b>	3391	
	<b>15</b>	3174	
	<b>16</b>	2881	
	<b>17</b>	2462	
	<b>18</b>	2261	
	<b>19</b>	2208	
	<b>20</b>	1724	
	<b>21</b>	1239	
	<b>22</b>	1059	
	<b>23</b>	982	
	<b>24</b>	915	
	<b>25</b>	867	
	<b>26</b>	785	
	<b>27</b>	666	
	<b>28</b>	667	
	<b>29</b>	677	
	<b>30</b>	760	
	<b>31</b>	721	

	<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>	1936.935483871	0.329
	<b>Daily Max</b>	3391	0.329
	<b>Daily Max - Variable</b>	3391	
	<b>Daily Min</b>	666	0.329
	<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

Laboratory Quality Control Comments

GGA Failure 7-4 ( 159.9)

Submitted by Brian Helminger(mantyywwtfsupt2004) on 8/14/2024 9:52:36 AM