

**Wastewater Discharge Monitoring Long Report**

**For DNR Use Only**

Facility Name: MADISON GAS & ELECTRIC COMPENSATORY RECHARGE  
 Contact Address: P O Box 1231  
 Madison, WI 53703  
 Facility Contact: Steve Pitts, Construction Engineer  
 Phone Number: (608) 252-7935  
 Reporting Period: 08/01/2011 - 08/31/2011  
 Form Due Date: 09/15/2011  
 Permit Number: 0063088

Date Received:  
 DOC: 276271  
 FIN: 31792  
 FID: 113353020  
 Region: South Central Region  
 Permit Drafter: Brenda L. Howald  
 Reviewer: Bob Liska  
 Office: Fitchburg

Sample Point	001	001	001	001	001
Description	Treated pond water	Treated pond water	Treated pond water	Treated pond water	Treated pond water
Parameter	211	105	451	330	277
Description	Flow Rate	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
Units	MGD	mg/L	mg/L	mg/L	mg/L
Sample Type	CONTINUOUS	GRAB	GRAB	GRAB	GRAB
Frequency	DAILY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	<b>Day 1</b>	0.153			
	<b>2</b>	0.151	110	75	<0.043
	<b>3</b>	0.152			
	<b>4</b>	0.151			
	<b>5</b>	0.152			
	<b>6</b>	0.152			
	<b>7</b>	0.152			
	<b>8</b>	0.152			
	<b>9</b>	0.150			
	<b>10</b>	0.143			
	<b>11</b>	0.152			
	<b>12</b>	0.152			
	<b>13</b>	0.152			
	<b>14</b>	0.151			
	<b>15</b>	0.153			
	<b>16</b>	0.151			
	<b>17</b>	0.150			
	<b>18</b>	0.135			
	<b>19</b>	0.121			
	<b>20</b>	0.120			
	<b>21</b>	0.120			
	<b>22</b>	0.149			
	<b>23</b>	0.152			
	<b>24</b>	0.150			
	<b>25</b>	0.152			
	<b>26</b>	0.153			
	<b>27</b>	0.151			
	<b>28</b>	0.153			
	<b>29</b>	0.152			
	<b>30</b>	0.152			
	<b>31</b>	0.152			

	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Treated pond water	Treated pond water	Treated pond water	Treated pond water	Treated pond water
	<b>Parameter</b>	211	105	451	330	277
	<b>Description</b>	Flow Rate	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	MGD	mg/L	mg/L	mg/L	mg/L
<b>Summary Values</b>	<b>Monthly Avg</b>	0.147774194	110	75	0	0.058
	<b>Daily Max</b>	0.153	110	75	<0.043	0.058
	<b>Daily Min</b>	0.12	110	75	<0.043	0.058
<b>QC Information</b>	<b>LOD</b>		3	0.95	0.043	0.00094
	<b>LOQ</b>		10	10	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		128053530	999580010	999580010	999580010

	<b>Sample Point</b>	701	701	701	701
	<b>Description</b>	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	<b>Parameter</b>	105	451	330	277
	<b>Description</b>	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	mg/L	mg/L	mg/L	mg/L
	<b>Sample Type</b>	GRAB	GRAB	GRAB	GRAB
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>				
	<b>2</b>	120	75	<0.043	0.24
	<b>3</b>				
	<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
	<b>Description</b>	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	<b>Parameter</b>	105	451	330	277
	<b>Description</b>	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	mg/L	mg/L	mg/L	mg/L
<b>Summary Values</b>	<b>Monthly Avg</b>	120	75	0	0.24
	<b>Daily Max</b>	120	75	<0.043	0.24
	<b>Daily Min</b>	120	75	<0.043	0.24
<b>QC Information</b>	<b>LOD</b>	1.5	0.95	0.043	0.00094
	<b>LOQ</b>	5	10	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N
	<b>Lab Certification</b>	128053530	999580010	999580010	999580010

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