

**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: 12/01/2010 - 12/31/2010  
 Form Due Date: 01/15/2011  
 Permit Number: 0063088

Date Received:  
 DOC: 260785  
 FIN: 31792  
 FID: 113353020  
 Region: South Central Region  
 Permit Drafter: Bob Liska  
 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
<b>Sample Results</b>	<b>Day 1</b>	0.133	21	15	<0.024	<0.0050
	<b>2</b>	0.128				
	<b>3</b>	0.144				
	<b>4</b>	0.056				
	<b>5</b>	0.037				
	<b>6</b>	0.131				
	<b>7</b>	0.149				
	<b>8</b>	0.128				
	<b>9</b>	0.129				
	<b>10</b>	0.142				
	<b>11</b>	0.141				
	<b>12</b>	0.150				
	<b>13</b>	0.147				
	<b>14</b>	0.148				
	<b>15</b>	0.143				
	<b>16</b>	0.148				
	<b>17</b>	0.148				
	<b>18</b>	0.146				
	<b>19</b>	0.149				
	<b>20</b>	0.147				
	<b>21</b>	0.128				
	<b>22</b>	0.108				
	<b>23</b>	0.154				
	<b>24</b>	0.152				
	<b>25</b>	0.126				
	<b>26</b>	0.044				
	<b>27</b>	0.000				
	<b>28</b>	0.000				
	<b>29</b>	0.000				
	<b>30</b>	0.000				
	<b>31</b>	0.002				

	<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>	0.108322581	21	15	0	0
	<b>Daily Max</b>	0.154	21	15	<0.024	<0.005
	<b>Daily Min</b>	0	21	15	<0.024	<0.005
<b>QC Information</b>	<b>LOD</b>		1.5	0.1	0.024	0.005
	<b>LOQ</b>		5	5	0.25	0.05
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		128053530	128053530	128053530	128053530

	<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>	21	15	<0.024	0.039
	<b>2</b>				
	<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>	21	15	0	0.039
	<b>Daily Max</b>	21	15	<0.024	0.039
	<b>Daily Min</b>	21	15	<0.024	0.039
<b>QC Information</b>	<b>LOD</b>	1.5	0.1	0.024	0.005
	<b>LOQ</b>	5	5	0.25	0.05
	<b>QC Exceedance</b>	N	N	N	N
	<b>Lab Certification</b>	128053530	128053530	128053530	128053530

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