

**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: 06/01/2011 - 06/30/2011  
 Form Due Date: 07/15/2011  
 Permit Number: 0063088

Date Received:  
 DOC: 271615  
 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	Day 1	0.004			
	2	0.006	220	140	0.12
	3	0.000			
	4	0.000			
	5	0.000			
	6	0.000			
	7	0.000			
	8	0.008			
	9	0.010			
	10	0.008			
	11	0.006			
	12	0.000			
	13	0.145			
	14	0.173			
	15	0.167			
	16	0.074			
	17	0.000			
	18	0.000			
	19	0.000			
	20	0.011	120		
	21	0.000			
	22	0.162			
	23	0.154			
	24	0.152			
	25	0.153			
	26	0.151			
	27	0.153			
	28	0.152			
	29	0.151			
	30	0.152			
	31				

	<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>	0.0664	170	140	0.12	0.093
	<b>Daily Max</b>	0.173	220	140	0.12	0.093
	<b>Daily Min</b>	0	120	140	0.12	0.093
<b>QC Information</b>	<b>LOD</b>		15*Footnote	0.095	0.043	0.00094
	<b>LOQ</b>		50*Footnote	1	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		128053530	999580010	128053530	999580010

\*Footnote: QA/QC Information is not identical for each day, so the value shown is the maximum of all values for LOD/LOQ data or the first Lab found for Lab Cert data.

	<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>	250	140	0.081	0.10
	<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>	120			
	<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>	185	140	0.081	0.1
	<b>Daily Max</b>	250	140	0.081	0.1
	<b>Daily Min</b>	120	140	0.081	0.1
<b>QA/QC Information</b>	<b>LOD</b>	15*Footnote	0.095	0.043	0.00094
	<b>LOQ</b>	50*Footnote	1	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N
	<b>Lab Certification</b>	128053530	999580010	128053530	999580010

\*Footnote: QA/QC Information is not identical for each day, so the value shown is the maximum of all values for LOD/LOQ data or the first Lab found for Lab Cert data.

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

June 20 chloride LOD/LOQ is 3/10

Laboratory Quality Control Comments