

Groundwater Monitoring Form

Facility Name: **MADISON GAS & ELECTRIC COMPENSATORY RECHARGE**
 Facility Address: 859 Wedgewood Way
 Madison, WI 53706

Facility Contact: Stephen R. Pitts
 Phone number: (608) 252-7935
 Reporting Period: 07/01/2006 - 09/30/2006
 Form Due Date: 11/15/2006
 Permit Number: 0063088

For DNR Use Only

Date Received:
 DOC: 165608
 FIN: 31792
 FID: 113353020
 Region: South Central
 Permit Drafter: Robert J Liska
 Reviewer: Robert J Liska
 Office: Fitchburg

Well Information

Sample Pt No.: **801** Well Name: **Monit. Well in infiltr area-MW**
 WI Unique No.: P0885 Pipetop Elevation: 1007.45 ft.
 Well Is: Broken Frozen Dry

Abandoned Well

Date: _____ / _____ / _____

By Whom: _____

Sample Information

Date Sample Taken: 08/29/2006 (e.g., 02 / 09 / 1958)
 Sample Has: Odor Color Turbidity

Parameter #	Parameter	Sample Value	Units	PALs	ESs	LOD	LOQ	Lab Certification No.
166	Depth To Groundwater	32.50	feet					
227	Groundwater Elevation	974.95	feet MSL					
330	Nitrogen, Nitrite + Nitrate Total	0.088	mg/L			0.025	0.075	721026460
105	Chloride	25	mg/L			2.5	5.0	721026460
451	Sodium, Total Recoverable	18 (1)	mg/L			0.026	0.085	721026460
277	Manganese, Total Recoverable	<0.001 (1)	mg/L			0.001*	0.002*	721026460
462	Solids, Total Dissolved	180	mg/L			2.0*		721026460

Well Information

Sample Pt No.: **802** Well Name: **Background well**
 WI Unique No.: P0904 Pipetop Elevation: 1018.48 ft.
 Well Is: Broken Frozen Dry

Abandoned Well

Date:
 ___ / ___ / ___

By Whom:

Sample Information

Date Sample Taken: 08/29/2006 (e.g., 02 / 09 / 1958)
 Sample Has: Odor Color Turbidity

Parameter #	Parameter	Sample Value	Units	PALs	ESs	LOD	LOQ	Lab Certification No.
166	Depth To Groundwater	56.33	feet					
227	Groundwater Elevation	962.15	feet MSL					
462	Solids, Total Dissolved	630	mg/L			2.0*		721026460
330	Nitrogen, Nitrite + Nitrate Total	3.4	mg/L			0.050	0.15	721026460
105	Chloride	170	mg/L			13	25	721026460
451	Sodium, Total Recoverable	90 (1)	mg/L			0.26	0.85	721026460
277	Manganese, Total Recoverable	<0.001 (1)	mg/L			0.001*	0.002*	721026460

Well Information

Sample Pt No.: **803** Well Name: **Downgradient Well (MW)**
 WI Unique No.: P0906 Pipetop Elevation: 999.20 ft.
 Well Is: Broken Frozen Dry

Abandoned Well

Date:
 ___ / ___ / ___

By Whom:

Sample Information

Date Sample Taken: 08/29/2006 (e.g., 02 / 09 / 1958)
 Sample Has: Odor Color Turbidity

Parameter #	Parameter	Sample Value	Units	PALs	ESs	LOD	LOQ	Lab Certification No.
166	Depth To Groundwater	42.96	feet					
227	Groundwater Elevation	956.24	feet MSL					
330	Nitrogen, Nitrite + Nitrate Total	0.96	mg/L			0.025	0.075	721026460
105	Chloride	6.5	mg/L			2.5	5.0	721026460
451	Sodium, Total Recoverable	7.6 (1)	mg/L			0.026	0.085	721026460
277	Manganese, Total Recoverable	<0.001 (1)	mg/L			0.001*	0.002*	721026460
462	Solids, Total Dissolved	400	mg/L			2.0*		721026460

Well Information

Sample Pt No.: **804** Well Name: **Downgradient Well (MW)**
 WI Unique No.: PI323 Pipetop Elevation: 991.31 ft.
 Well Is: Broken Frozen Dry

Abandoned Well

Date:

___ / ___ / ___

By Whom:

Sample Information

Date Sample Taken: 08/29/2006 (e.g., 02 / 09 / 1958)
 Sample Has: Odor Color Turbidity

Parameter #	Parameter	Sample Value	Units	PALs	ESs	LOD	LOQ	Lab Certification No.
166	Depth To Groundwater	41.99	feet					
227	Groundwater Elevation	949.32	feet MSL					
330	Nitrogen, Nitrite + Nitrate Total	2.3	mg/L			0.05	0.15	721026460
105	Chloride	150	mg/L			13	25	721026460
451	Sodium, Total Recoverable	85 (1)	mg/L			0.26	0.85	721026460
277	Manganese, Total Recoverable	<0.001 (1)	mg/L			0.001*	0.002*	721026460
462	Solids, Total Dissolved	580	mg/L			2.0*		721026460

Summary of Laboratories Used in the Above Monitoring

Lab Certification No.	Lab Name
721026460	Northern Lake Service, Inc.

Sample Collected By: Ben Nelson Organization: Montgomery Associates Resource Solutions

General Remarks

* Reporting Limits
 (1) Reported as "dissolved as" rather than "Total" because this is a well sample.

Laboratory Quality Control Comments

Submittal of this form is required by section 283.55, Wis. Stats. and chapters NR 205 and 214, Wis. Adm. Code.

Personally identifiable information collected on this form may be used for purposes other than that for which it was originally collected. Under Wisconsin's open records laws, DNR is required to provide all non-confidential information to any person who requests it. Such information may be provided to the public in written or electronic form. Information reported may be made available to the public via a DNR web page.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions about this form, please call Alice Miramontes at (608)275-3287.

Return Form To

WI Department of Natural Resources
 Alice Miramontes
 3911 Fish Hatch
 Fitchburg, WI 53711

Principal Officer or Authorized Agent

Date

Make two copies of the completed form. Keep one copy and return the original and one copy to the DNR address provided.