

November 16, 2009

Amy Jendro
MPCA Brainerd Office
7678 College Road, Suite 105
Baxter, MN 56425

Re: Well and Boring Sealing Records for Leak #14698, Former Quick Stop, 230 1st Street, Brooten, Minnesota

Dear Mrs. Jendro:

Enclosed are copies of the well and boring sealing records for the former Quick Stop location in Brooten, MN. Work was completed on October 26, 2009. Please call with me with any questions you may have at 320-905-6070.

Sincerely,

Glacial Lakes Environmental Consulting, Inc.

A handwritten signature in cursive script, appearing to read "Terry Sieck".

Terry Sieck
Project Manager

Enclosure

WELL OR BORING LOCATION
 County Name **STEARNS**

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
 Minnesota Statutes, Chapter 1031

Minnesota Well and Boring
 Sealing No. **072919**
 Minnesota Uniform Well No.
 or W-series No. (Leave blank if not known)

H 262431

Township Name **Nashfork** Township No. **124** Range No. **35** Section No. **31** Fraction (sm → lg) **5/8 SW 1/4**

Date Sealed **10-20-09**

Date Well or Boring Constructed **10-26-09**

GPS LOCATION Latitude _____ degrees _____ minutes _____ seconds
 Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing **122** ft. Original Depth **122** ft.

STATIC WATER LEVEL
 Measured Estimated Date Measured _____
11 ft below above land surface

Numerical Street Address or Fire Number and City of Well or Boring Location
230 1st St. Brooklyn

AQUIFER(S)
 Single Aquifer Multiaquifer
WELL/BORING
 Water-Supply Well Monit. Well
 Env. Bore Hole Other _____

CASING TYPE(S)
 Steel Plastic Tile Other _____



WELLHEAD COMPLETION
 Outside: Well House At Grade Inside: Basement/Offset
 Pitless Adapter/Unit Buried Well Pit
 Well Pit Buried Other _____
 Other _____

PROPERTY OWNER'S NAME/COMPANY NAME
City of Brooklyn
 Property owner's mailing address if different than well location address indicated above
**147 Central Ave. N
 Brooklyn, MN 56316-0081**

CASING(S)
 Diameter _____ Depth _____ ft. Set in oversized hole? Yes No Annular space initially grouted?
 _____ in from _____ to _____ ft. Yes No Yes No Unknown
 _____ in from _____ to _____ ft. Yes No Yes No Unknown
 _____ in from _____ to _____ ft. Yes No Yes No Unknown

WELL OWNER'S NAME/COMPANY NAME
Debbie Kirkula
 Well owner's mailing address if different than property owner's address indicated above
**11999 250th St
 Brooklyn, MN 56316
 320 MN 4458**

SCREEN/OPEN HOLE
 Screen from _____ to _____ ft. Open Hole from _____ to _____ ft.

OBSTRUCTIONS
 Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction
 Type of Obstructions (Describe)

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO
If not known, indicate estimated formation/log from nearby well or boring:				

Obstructions removed? Yes No Describe _____

PUMP
 Type _____
 Removed Not Present Other _____

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE
 No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal
2 in from **0** to **123** ft Perforated Removed
 _____ in from _____ to _____ ft. Perforated Removed
 Type of Perforator _____
 Other _____

GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)
 Grouting Material _____ from **0** to **122** ft _____ yards _____ bags
 _____ from _____ to _____ ft _____ yards _____ bags
 _____ from _____ to _____ ft _____ yards _____ bags

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING
MW-1

OTHER WELLS AND BORINGS
 Other unsealed and unused well or boring on property? Yes No How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION
 This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Contractor Business Name **Glacial Ridge Drilling Co**

License or Registration No. **1575**

Certified Representative Signature **[Signature]**

Certified Rep. No. **1037** Date **10/20/09**

LOCAL COPY **H 262431**

Name of Person Sealing Well or Boring **Brad Ruch**

WELL OR BORING LOCATION
County Name: **SKURNIS**

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 1031

Minnesota Well and Boring Sealing No. _____
Minnesota Unit or Well No. _____
(Leave blank if not known)

H 262432
072922

Township Name: **WAMPOLE** Township No: **12N** Range No: **35S** Section No: **31** Fraction (sm. to lg): **SW 1/4 SW 1/4**

Date Sealed: **10-26-09**

Date Well or Boring Constructed: **10-26-09**

GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing: **19'** ft

Original Depth: _____ ft

Numerical Street Address or Fire Number and City of Well or Boring Location: **230 19th St Brooklyn**

AQUIFER(S)
 Single Aquifer Multiaquifer

STATIC WATER LEVEL
 Measured Estimated Date Measured: _____

Show exact location of well or boring in section grid with "X" Sketch map of well or boring location, showing property lines, roads, and buildings

WELL/BORING
 Water-Supply Well Monitor Well
 Env. Bore Hole Other

14 ft below above land surface



CASING TYPE(S)
 Steel Plastic Tile Other

WELLHEAD COMPLETION
Outside: Well House At Grade Buried
 Pitless Adapter/Unit Well Pit Buried Other

PROPERTY OWNER'S NAME/COMPANY NAME: **Carlton A. T. AN**

CASING(S)
Diameter _____ Depth _____

Set in oversized hole? Yes No Annular space initially grouted? Yes No Unknown

Property owner's mailing address if different than well location address indicated above:
**147 Central Ave NW
Brooklyn MN 56316-0081**

2 in. from **0** to **9** ft
 Yes No Unknown

in. from _____ to _____ ft
 Yes No Unknown

WELL OWNER'S NAME/COMPANY NAME: **Celiste K. Wiloff**

SCREEN/OPEN HOLE
Screen from: **9** to **19** ft Open Hole from _____ to _____ ft

OBSTRUCTIONS
 Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction

Well owner's mailing address if different than property owner's address indicated above:
**47992 280th St
Brooklyn MN 56316
320-444-4458**

Type of Obstructions (Describe): _____

Obstructions removed? Yes No Describe: _____

GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO

PUMP
Type _____

Removed Not Present Other

If not known, indicate estimated formation log from nearby well or boring

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS OR CASING AND BORE HOLE

No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO

5 ft in. from **0** to **9** ft
 Perforated Removed

Type of Perforator: _____
 Other: _____

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO

GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)
Grouting Material: **Man-Sorb** from **0** to **14** ft _____ yards **5** bags

OTHER WELLS AND BORINGS:
Other unsealed and unused well or boring on property? Yes No How many? _____

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING:
MW 2

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION
This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.
Glacial Ridge Drilling License or Registration No. **1575**
Tom Rank Certified Representative Signature Date **10/22/09**

Name of Person Sealing Well or Boring: **Brian Rodan**

WELL OR BORING LOCATION

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD
Minnesota Statutes, Chapter 1031

Minnesota Well and Boring
Sealing No.
Minnesota Unit
of W-series No.
(Leave blank if not known)

H 262433
678921

County Name
SPEARMIN

Township Name NORTH Township No. 124 Range No. 35 Section No. 31 Fraction (sm. to lg.) 5' SW SW

Date Sealed 10-26-09

Date Well or Boring Constructed 10-26-09

GPS LOCATION Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing 19 ft. Original Depth 19 ft.

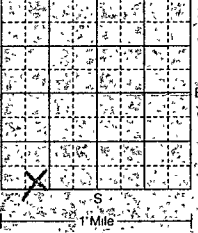
AQUIFER(S) Single Aquifer Multiaquifer

Numerical Street Address or Fire Number and City of Well or Boring Location
220 1st St Broken

WELL/BORING Water-Supply Well Monit. Well
 Env. Bore Hole Other

STATIC WATER LEVEL Measured Estimated Date Measured _____

Show exact location of well or boring in section grid with "X" Sketch map of well or boring location, showing property lines, roads, and buildings



Scale: 1" = 1 Mile
See attached layout

CASING TYPE(S) Steel Plastic Tile Other

WELLHEAD COMPLETION Outside: Well House At Grade Pitless Adapter/Unit Well Pit Other 6 BT P. top
Inside: Basement Offset Well Pit Buried Other

PROPERTY OWNER'S NAME/COMPANY NAME
C. J. O'Brien

CASING(S) Diameter _____ in. from _____ to _____ ft. Depth _____ ft. Set in oversize hole? Yes No Annular space initially grouted? Yes No Unknown

Property owner's mailing address if different than well location address indicated above:
117 Central Ave N
Broken MN 56316-0081

SCREEN/OPEN HOLE Screen from 9 ft. to 19 ft. Open Hole from _____ to _____ ft.

WELL OWNER'S NAME/COMPANY NAME
C. J. O'Brien

OBSTRUCTIONS Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction

Well owner's mailing address if different than property owner's address indicated above:
47493 280th St
Broken MN 56316
320-4174-1158

Type of Obstructions (Describe) _____
Obstructions removed? Yes No Describe _____

GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO

PUMP Type Removed Not Present Other

If not known, indicate estimated formation log from nearby well or boring

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE: No Annular Space Exists Annular Space Grouted with Tremie/Pipe Casing Perforation/Removal

2 in. from 0 to 9 ft. Perforated Removed

_____ in. from _____ to _____ ft. Perforated Removed

Type of Perforator: Other

GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)

Grouting Material High Solid Bentonite from 0 to 19 ft. _____ yards 1/2 bags

_____ from _____ to _____ ft. _____ yards _____ bags

_____ from _____ to _____ ft. _____ yards _____ bags

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING

OTHER WELLS AND BORINGS Other unsealed and unused well or boring on property? Yes No How many? _____

MW 3

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Glacier Ridge Drilling, Inc 1575
Contractor Business Name License or Registration No.

W. R. Rude 1037 10/21/09
Certified Representative Signature Certified Rep. No. Date

Brad Ruxin
Name of Person Sealing Well or Boring

LOCAL COPY H **262433**

WELL OR BORING LOCATION
County Name: **SHAWANO**

MINNESOTA DEPARTMENT OF HEALTH
WELL ANNUAL SEALING RECORD
Minnesota Statutes, Chapter 103

Minnesota Well and Boring Sealing No. _____
Minnesota Uniform Well No. _____
or W-series No. _____
(Leave blank if not known)

H **262434**
672920

Township Name: **MINNETONKA** Township No.: **124** Range No.: **35** Section No.: **31** Fraction (sm² to 1q): **50510**

Date Sealed: **10-26-09**

Date Well or Boring Constructed: **10-26-09**

GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing: **19** ft. Original Depth: **19** ft.

STATIC WATER LEVEL: Measured: Estimated: Date Measured: _____
14 ft. below above land surface

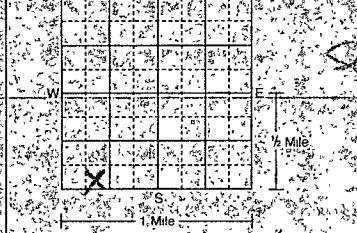
Numerical Street Address or Fire Number and City of Well or Boring Location: **230 14th St. Brooklyn**

AQUIFER(S): Single Aquifer Multiaquifer

WELL/BORING: Water-Supply Well Monit. Well
 Env. Bore Hole Other

Show exact location of well or boring in section grid with 'X'

Sketch map of well or boring location showing property lines, roads, and buildings.



See attached layout

CASING TYPE(S): Steel Plastic Tile Other

WELLHEAD COMPLETION: Outside: Well House At Grade Pitless Adapter/Unit Buried Well Pit Buried Other **6" BT Pipe Top**

PROPERTY OWNER'S NAME/COMPANY NAME: **Central Roofing**

CASING(S) Diameter: **2** in. from **0** to **9** ft. Depth: _____ ft. Set in oversized hole? Yes No

Annual space initially grouted? Yes No Unknown

Property owner's mailing address if different than well location address indicated above: **147 Central Ave N. Brooklyn, MN 56316-0081**

SCREEN/OPEN HOLE: Screen from **9** to **19** ft. Open Hole from _____ to _____ ft.

OBSTRUCTIONS: Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction
Type of Obstructions (Describe): _____

WELL OWNER'S NAME/COMPANY NAME: **CEPASK KIMMOP**

Obstructions removed? Yes No Describe: _____

Well owner's mailing address if different than property owner's address indicated above: **47493 280th St Brooklyn, MN 56316 300 LINN UYSS**

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING: **MW-4**

PUMP: Removed Not Present Other

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE: No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal
2 in. from **0** to **9** ft. Perforated Removed

GEOLOGICAL MATERIAL: _____ COLOR: _____ HARDNESS OR FORMATION: _____ FROM: _____ TO: _____

GROUTING MATERIAL(S): (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)
Grouting Material: **4 in. Solub. Bentonite** from **0** to **19** ft. _____ yards **1/2** bags

OTHER WELLS AND BORINGS: Other unsealed and unused well or boring on property? Yes No How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION: This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Contractor Business Name: **Glacial Ridge Drilling, Inc.** License or Registration No.: **1575**

Certified Representative Signature: **Brad Buchta** Certified Rep. No.: **1037** Date: **10/27/09**

LOCAL COPY: _____

Name of Person Sealing Well or Boring: **Brad Buchta**

H **262434**

WELL OR BORING LOCATION
County Name: STEARNS

MINNESOTA DEPARTMENT OF HEALTH
WELL ANCHORING SEALING RECORD
Minnesota Statutes, Chapter 1031

Minnesota Well and Boring
Sealing No. _____
Minnesota Uniform Well No. _____
or W-series No. _____
(Leave blank if not known)

H# **262435**
672918

Township Name: NORTHFORK Township No: 104 Range No: 35 Section No: 31 Fraction (sm. - lg.): 50/100

Date Sealed: 10-26-09

Date Well or Boring Constructed: 10-26-09

GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing: 152 ft. Original Depth: 152 ft.

AQUIFER(S): Single Aquifer Multiaquifer

Numerical Street Address or Fire Number and City of Well or Boring Location:
230 151st St. Brooklyn

WELL/BORING: Water Supply Well Monit. Well
 Env. Bore Hole Other

STATIC WATER LEVEL: Measured Estimated Date Measured: _____
14 ft. below above land surface

Show exact location of well or boring in section grid with "X" Sketch map of well or boring location, showing property lines, roads, and buildings.



See attached layout

CASING TYPE(S): Steel Plastic Tile Other

WELLHEAD COMPLETION: Outside: Well House At Grade Basement Offset
 Pitless Adapter/Unit Buried Well Pit Buried
 Well Pit Other

PROPERTY OWNER'S NAME/COMPANY NAME: City of Brooklyn

CASING(S) Diameter _____ Depth _____ Set in oversized hole? Yes No Annular space initially grouted? Yes No Unknown

Property owner's mailing address if different than well location address indicated above:
147 Central Ave N
Brooklyn, MN 56316-0081

SCREEN/OPEN HOLE: Screen from 3 1/2 to 13 1/2 ft. Open Hole from _____ to _____ ft.

OBSTRUCTIONS: Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction

WELL OWNER'S NAME/COMPANY NAME: Carol's He. Kick Off

Obstructions removed? Yes No Describe: _____

Well owner's mailing address if different than property owner's address indicated above:
47975 280th St
Brooklyn, MN 56316
320-0114-4458

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO
If not known, indicate estimated formation log from nearby well or boring				

PUMP: Type _____
 Removed Not Present Other

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:
 No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal
2 in. from 0 to 5 1/2 ft. Perforated Removed
_____ in. from _____ to _____ ft. Perforated Removed

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING:
MW-5

GROUTING MATERIAL(S) (One bag of cement = 94 lbs., one bag of bentonite = 50 lbs.)
Grouting Material: Bentonite from 0 to 1 1/2 ft. _____ yards _____ bags
_____ from _____ to _____ ft. _____ yards _____ bags
_____ from _____ to _____ ft. _____ yards _____ bags

OTHER WELLS AND BORINGS: Other unsealed and unused well or boring on property? Yes No How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION:
This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

Contractor Business Name: Glacial Ridge Drilling, Inc. License or Registration No: 1575

Certified Representative Signature: [Signature] Certified Rep. No: 1037 Date: 10/27/09

LOCAL COPY H **262435**

Name of Person Sealing Well or Boring: Brad Ruch

WELL OR BORING LOCATION
 County Name: STEARNS

MINNESOTA DEPARTMENT OF HEALTH
WELL ANDBORING SEALING RECORD
 Minnesota Statutes, Chapter 1031

Minnesota Well and Boring Sealing No. 672950
 Minnesota Uniform Well No. 672950
(Leave blank if not known)

H **262436**

Township Name: Northfork Township No: 194 Range No: 35 Section No: 31 Fraction (sm. → lg): 9/16

Date Sealed: 10-26-09

Date Well or Boring Constructed: 10-26-09

GPS LOCATION: Latitude _____ degrees _____ minutes _____ seconds
 Longitude _____ degrees _____ minutes _____ seconds

Depth Before Sealing: 19 ft

Original Depth: 19 ft

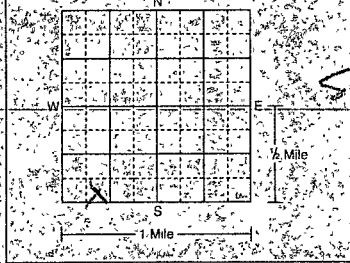
Numerical Street Address or Fire Number and City of Well or Boring Location:
230 1st St. Brocton

AQUIFER(S): Single Aquifer Multi-aquifer

STATIC WATER LEVEL: Measured Estimated Date Measured: _____

Show exact location of well or boring in section grid with "X"

Sketch map of well or boring location, showing property lines, roads, and buildings.



See layout attached

WELL/BORING: Water-Supply Well Monit. Well Env. Bore Hole Other

19 ft below above land surface

CASING TYPE(S): Steel Plastic Tile Other

WELLHEAD COMPLETION: Outside: Well House At Grade Buried Pitless Adapter/Unit Well Pit Other

Inside: Basement Offset Well Pit Buried Other

PROPERTY OWNER'S NAME/COMPANY NAME: C & D Brocton

CASING(S) Diameter: 2 in from 0 to 9 ft

Set in oversize hole? Yes No Annular space initially grouted? Yes No Unknown

Property owner's mailing address if different than well location address indicated above:
197 Central Ave N
 Brocton, MN 56316-0081

Obstructions removed? Yes No Describe: _____

Obstructions: Rods/Drop Pipe Check Valve(s) Debris Fill No Obstruction

WELL OWNER'S NAME/COMPANY NAME: Valerie Kitchell

SCREEN/OPEN HOLE Screen from 9 to 19 ft Open Hole from _____ to _____ ft

Obstructions removed? Yes No Describe: _____

Well owner's mailing address if different than property owner's address indicated above:
4799D 250th St
 Brocton MN 56316
 320-444-4458

GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO

PUMP Type: Removed Not Present Other

Obstructions removed? Yes No Describe: _____

If not known, indicate estimated formation log from nearby well or boring.

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO

No Annular Space Exists Annular Space Grouted with Tremie Pipe Casing Perforation/Removal
2 in from 0 to 9 ft Perforated Removed
 _____ in from _____ to _____ ft Perforated Removed
 Type of Perforator: _____
 Other

Grouting Material: High Solid Bentonite from 0 to 19 ft _____ yards 1/2 bags
 _____ from _____ to _____ ft _____ yards _____ bags
 _____ from _____ to _____ ft _____ yards _____ bags

REMARKS, SOURCE OF DATA, DIFFICULTIES IN SEALING:
MW-6

OTHER WELLS AND BORINGS: Other unsealed and unused well or boring on property? Yes No - How many? _____

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION: This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.
Glacial Ridge Drilling, Inc License or Registration No: 1875
Brad Buchta Certified Representative Signature Certified Rep. No: 1037 Date: 10/27/09

LOCAL COPY

Brad Buchta
 Name of Person Sealing Well or Boring

H **262436**

