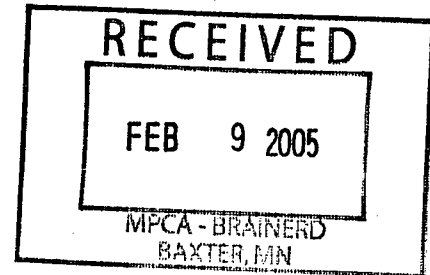




THE MILLE LACS BAND OF  
**OJIBWE INDIANS**

Executive Branch of Tribal Government



February 3, 2005

Mr. Adam Sekely  
Minnesota Pollution Control Agency  
7678 College Road, Suite 105  
Baxter, MN 56425

RE: Wigwam Inn UST Leak site  
Site ID#: LEAK00012624

Dear Mr. Sekely:

In response to your November 23, 2004 request for additional information for the Wigwam Inn, the Mille Lacs Band of Ojibwe Department of Natural Resources / Environment is submitting the information you requested. Enclosed is a copy of the MDH *Well and Boring Sealing Record* for the old on-site well, a copy of the MDH *Well and Boring Record* for the new on-site well, and an updated site diagram showing the location of the new well.

If you should have any questions, please contact me at 320-532-7442.

Sincerely,

A handwritten signature in black ink, appearing to read "Ryan Rupp".

Ryan Rupp

**DISTRICT I**

43408 Oodena Drive • Onamia, MN 56359  
(320) 532-4181 • Fax (320) 532-4209

**DISTRICT II**

36666 State Highway 65 • McGregor, MN 55760  
(218) 768-3311 • Fax (218) 768-3903

**DISTRICT III**

Route 2 • Box 233-N • Sandstone, MN 55072  
(320) 384-6240 • Fax (320) 384-6190

**MINNESOTA DEPARTMENT OF HEALTH  
WELL AND BORING RECORD**  
Minnesota Statutes, Chapter 103J

MINNESOTA UNIQUE WELL NO

**711831**

**WELL LOCATION**  
County Name  
**Mille Lacs**

Township Name **Kathio** Township No. **43** Range No. **27** Section No. **18** Fraction **SW SW NE**

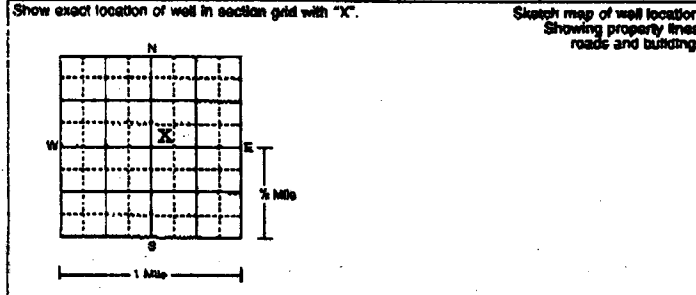
WELL DEPTH (completed) **82** (Date Well Completed) **11/19/04**

GPS LOCATION: Latitude \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds \_\_\_\_\_  
Longitude \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds \_\_\_\_\_

DRILLING METHOD  
Cable Tool \_\_\_\_\_ Driven \_\_\_\_\_ Auger \_\_\_\_\_  Rotary \_\_\_\_\_ Jetted \_\_\_\_\_

House Number, Street Name, City, and Zip Code of Well Location \_\_\_\_\_ or Fire Number \_\_\_\_\_

DRILLING FLUID **Bentonite** WELL HYDRATE FACTURED?  Yes \_\_\_\_\_ No \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_



USE  Domestic \_\_\_\_\_ Monitoring \_\_\_\_\_ Noncommunity PWS \_\_\_\_\_ Irrigation \_\_\_\_\_ Community PWS \_\_\_\_\_ Dewatering \_\_\_\_\_ Industrial/Commercial \_\_\_\_\_ Residential \_\_\_\_\_

PROPERTY OWNER'S NAME/COMPANY NAME  
**Mille Lacs Band of Ojibwe**

CASING Drive Shaft? \_\_\_\_\_ Yes  No \_\_\_\_\_ Threaded \_\_\_\_\_ Welded \_\_\_\_\_

Property owner's mailing address if different than well location address indicated above.  
**410-TS81 US Highway 169  
Onamia, MN 56359**  
*(WIGWAN INH SITE)*

CASING DIAMETER **5** in. to **77** in. WEIGHT **SDR21**

SCREEN Make **Johnson** (OPEN HOLE) \_\_\_\_\_ Type **Stainless Steel** \_\_\_\_\_ Slot/Gauge **15** \_\_\_\_\_ Set between **77** ft and **82** ft

WELL OWNER'S NAME/COMPANY NAME

STATIC WATER LEVEL **7** ft. below \_\_\_\_\_ above land surface \_\_\_\_\_ Date measured \_\_\_\_\_

Well owner's mailing address if different than property owners address indicated above.

PUMPING LEVEL (below land surface) **54** ft. after **3/4** in. casing \_\_\_\_\_ 24 \_\_\_\_\_

GEOLOGICAL MATERIALS	COLOR	HARDNESS OF MATERIAL	FROM	TO
C. Sand & Clay	Grey	MS	0	6
Medium Sand	Tan	S	6	28
Clay & C. Sand	Gray	MH	28	45
Gravel w/ Clay	Brown	M	45	63
Fine Sand & Silt	Lt. Brown	MS	63	76
Gravel	Grey Mixed	MS	76	82

WELL HEAD COMPLETION  
 Pileless adapter manufacture \_\_\_\_\_  Casing Protection \_\_\_\_\_  At-grade (Environmental Wells and Boring ONLY)

GROUTING INFORMATION  
Well grouted  Yes \_\_\_\_\_ No \_\_\_\_\_  
Grout material \_\_\_\_\_ Neat cement \_\_\_\_\_  
from 0 to 30 ft \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ ft \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ ft \_\_\_\_\_

NEAREST KNOWN SOURCE OF CONTAMINATION **50** feet **Any** \_\_\_\_\_ **All** \_\_\_\_\_

Well disinfected upon completion  Yes \_\_\_\_\_ No \_\_\_\_\_

PUMP  Not installed \_\_\_\_\_ Date installed **Existing Pump 11/30/04**  
Manufacturer's name **Unknown**  
Model number **Unknown** \_\_\_\_\_ 1 1/2" \_\_\_\_\_ 230 \_\_\_\_\_  
Length of drop pipe **60'** \_\_\_\_\_ Capacity **Unknown**

Type:  Submersible \_\_\_\_\_ L.S. Turbine \_\_\_\_\_ Reciprocating \_\_\_\_\_

ABANDONED WELLS  
Does property have any not in use and not sealed well(s) \_\_\_\_\_ Yes  No \_\_\_\_\_

WAS A VARIANCE GRANTED FROM THE MDH FOR THIS WELL? \_\_\_\_\_ Yes  No \_\_\_\_\_

WELL CONTRACTOR CERTIFICATION  
This well was drilled under my supervision and in accordance with Minnesota Rules, Chapter 4710. The information contained in this report is true to the best of my knowledge.

REMARKS, ELEVATION, SOURCE OF DATA, etc.  
*Use a second sheet, if needed*

**Rosga Well Drilling INC.** 58069  
Licensee Business Name \_\_\_\_\_  
*[Signature]*  
Authorized Representative Signature \_\_\_\_\_  
**Tom Rosga**  
Name of Driller \_\_\_\_\_

**WELL OR BORING LOCATION**  
 County Name  
**Mille Lacs**

**MINNESOTA DEPARTMENT OF HEALTH**  
**WELL AND BORING SEALING RECORD**  
 Minnesota Statutes, Chapter 103I

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

**H 224671**

Township Name **Kathio** Township No. **43** Range No. **27** Section No. **18** Fraction (orn -> lg) **SW SW NE** Date Sealed **11/18/04** Date Well or Boring Constructed **Unknown**

GPS LOCATION: Latitude \_\_\_\_\_ degree \_\_\_\_\_ minutes \_\_\_\_\_ seconds  
 Longitude \_\_\_\_\_ degree \_\_\_\_\_ minutes \_\_\_\_\_ seconds  
 Depth Before Sealing **79** ft. Original Depth **11** ft.

AQUIFER(S)  
 Single Aquifer  Multiaquifer  
 Water Supply Well  Monit. Well  
 Env. Bore Hole  Other \_\_\_\_\_  
 STATIC WATER LEVEL  
 Measured  Estimated  
**8** ft.  Below  Above  Same level as surface

Numerical Street Address or Fire Number and City of Well or Boring Location

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  
 Steel  Plastic  Tile  Other \_\_\_\_\_  
 CASING TYPE(S)  
 Steel  Plastic  Tile  Other \_\_\_\_\_

PROPERTY OWNER'S NAME/COMPANY NAME  
**Millee Lacs Band of Ojibwe**  
 Property owner's mailing address if different than well location address indicated above  
**410-TS34 US Highway 169**  
**Onamia, MN 56359**  
**(WISWAM INJ SITE)**

WELLHEAD COMPLETION  
 Outside:  Well House Inside:  Basement Office  
 Pressure Adapter/Unit  Well Pit  
 Well Pit  Buret  
 Buried

WELL OWNER'S NAME/COMPANY NAME  
 Well owner's mailing address if different than property owner's address indicated above

CASING(S)  
 Diameter \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  Yes  No  Yes  No  Unknown  
 \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  Yes  No  Yes  No  Unknown  
 \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  Yes  No  Yes  No  Unknown

GEOLOGICAL MATERIAL COLOR HARDNESS OR FORMATION FROM TO

SCREEN/OPEN HOLE  
 Screen from **71** to **79** ft. Open Hole from \_\_\_\_\_ to \_\_\_\_\_ ft.

GEOLOGICAL MATERIAL	COLOR	HARDNESS OR FORMATION	FROM	TO
Sand & Clay	Grey	MS	0	6
Med. Sand	Tan	S	6	28
Clay & Sand	Grey	MH	28	45
Gravel & Clay	Brown	M	45	63
Fine Silty Sand	Brown	MS	63	76
Gravel	Grey	MS	76	82

OBSTRUCTIONS  
 Rods/Drop Pipe  Check Valve(s)  Debris  Fil.  No Obstruction  
 Type of Obstructions (Describe) \_\_\_\_\_  
 Obstructions removed?  Yes  No Describe \_\_\_\_\_

REMARKS. SOURCE OF DATA, DIFFICULTIES IN SEALING

PUMP  
 Type **Submersible**  
 Removed  Not Present  Other \_\_\_\_\_

MINN DEPT OF HEALTH COPY

**H 224671**

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE  
 No Annular Space Exists  Annular space grouted with grout  
 Casing Bored into formation  
 \_\_\_\_\_ in. from \_\_\_\_\_ in.  Perforated  Unperforated  
 \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ ft.  Perforated  Unperforated  
 Type of perforator \_\_\_\_\_  
 Other \_\_\_\_\_

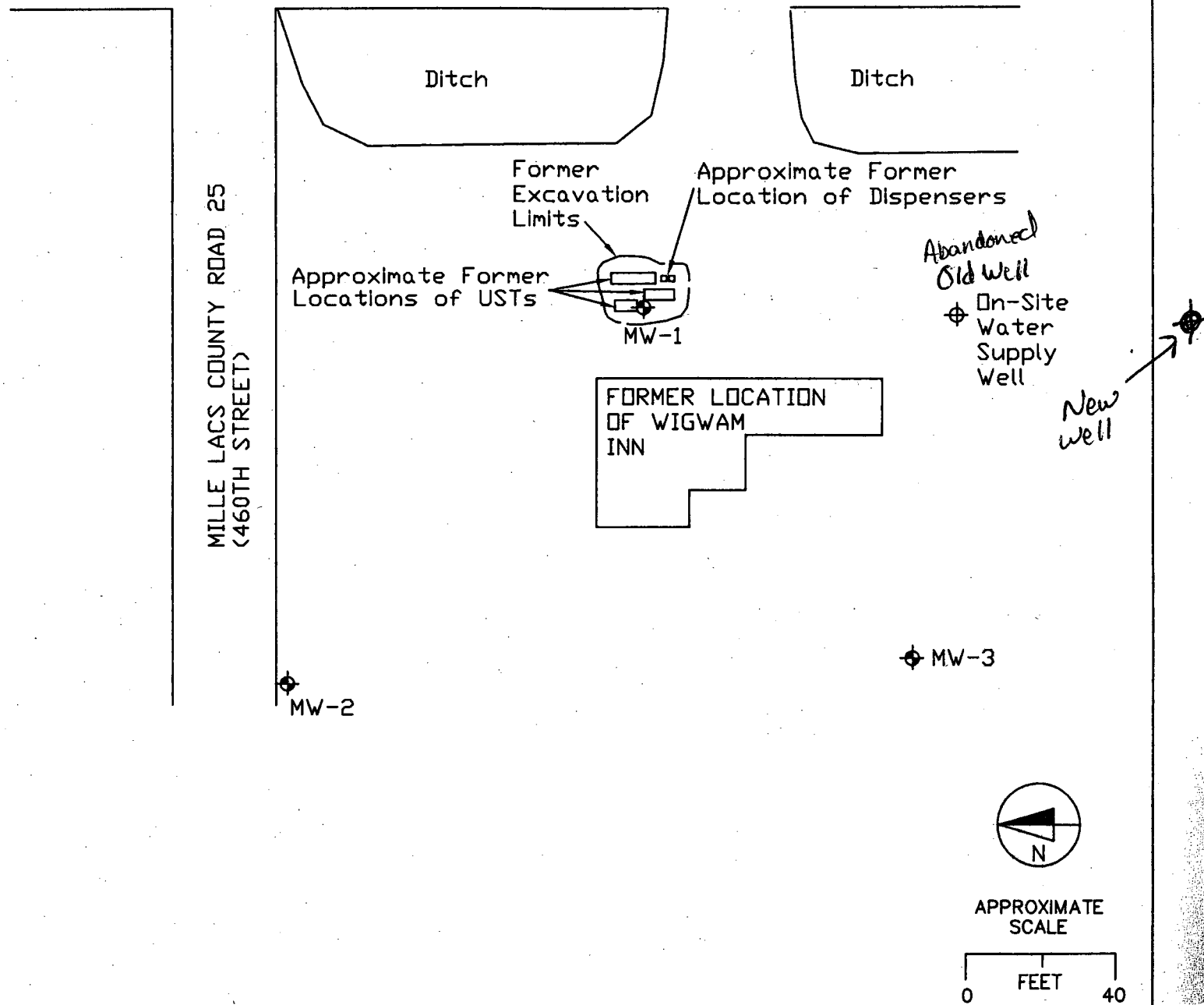
GROUTING MATERIAL(S) (One bag of cement = 94 lbs. one bag of bentonite = 60 lbs.)  
 Grouting Material **Bentonite** from **0** to **79** ft. **1 1/2** gal

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

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION  
 This well or boring was sealed in accordance with Minnesota Statutes, Chapter 103I. I am a duly licensed contractor and true to the best of my knowledge.

**Rosga Well Drilling INC.** **58069**  
 Contractor Business Name License or Registration No.  
 Authorized Representative Signature  
**Tom Rosga**  
 Name of Person Sealing Well or Boring

HIGHWAY 169



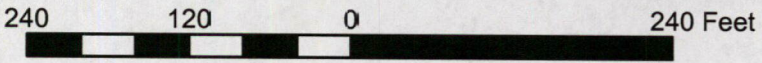
MILLSOP ASSOCIATES, INC.

P.O. BOX 236  
35797 DOLNEY LAKE ROAD  
CROSBY, MINNESOTA 56441  
218-763-2907

FIGURE 2: APPROXIMATE SITE DIAGRAM  
FORMER WIGWAM INN  
GARRISON, MINNESOTA

JULY 2004

MAI PROJECT NO. M-04-29



**Former Wigwam Inn Site Diagram  
Well Locations**