Seq 7487

prop 7450

Return completed forms to:

Wisconsin Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

RECEIVED-DNR
JUL 27 2016
DRINKING WATER & GW

Notice: Pursuant to §§ NR 812.09(4)(a) & (b), Wis. Adm. Code, prior Department of Natural Resources (DNR) approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells, a school well or a wastewater treatment plan well. This form is required to be completed to request approval for installation of a well or wells on a high capacity property, to modify a well on a high capacity property, or the construction or reconstruction of a school or wastewater treatment plant well. Personally identifiable information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law (s.19.31-19.39, Wis. Stats.).

Applicant Information

Name and Title		Company		
Troy Simonar PM		CTW Corporation		
Street Address		City	State	ZIP Code
21500 W Good Hope Rd		Lannon	WI	53046
Phone Number (include area code)	Fax Number	Email Address		
(920) 366-9950		troy.simonar@ctwcorporation.com		

Owner Information (if different than applicant)

Name and Title		Company		
Mr. Errico Auricchio President		BelGioioso Cheese		
Street Address		City	State	ZIP Code
4200 Main St		Green Bay	WI	54311
Phone Number (include area code)	Fax Number	Email Address		

Operator Information (if different than owner)

Name and Title		Company		
Street Address		City	State	ZIP Code
Phone Number (include area code)	Fax Number	Email Address		

Submittal Purpose

Check all that apply

- ☐ **Non-Potable Well(s)**
- ☒ **Potable Well(s) Requires Potable Attachments**
- ☒ Install one or more new wells with a capacity greater than 70 gallons per minute.
- ☐ Install one or more new wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Replace one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Replace one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Reconstruct one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Reconstruct one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Increase pumping rate in one or more wells to a rate greater than previously approved.
- ☐ Renew a previous approval that has expired.
- ☐ Other (please describe: School, WWTP etc.) _____

Project Description

Provide a brief description of the proposed project including the number of potable wells to be installed. For non-potable wells include number of acres and expected crop rotation for agricultural irrigation wells. For potable wells serving livestock note if the facility is currently or plans to become a concentrated animal feeding operation (CAFO).

Install one new potable well acroos the street from the existing facility at a new facility to be constructed.

Required Enclosures

- ☒ High Capacity Well Application (Form 3300-295)
- ☒ $500 application fee (see s. 281.34 (2), Wis. Stats.)
- ☐ Well Construction Reports (if available) for existing wells
- ☒ Potable Attachment: if a proposed well is potable (Form 3300-295A)
- ☐ Aerial or Plat Map with property boundaries outlined
- ☐ Variance Request, if needed (Form 3300-210)

Return completed forms to:

State of Wisconsin, Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

This form is used to request an approval for the construction or reconstruction of a well or wells on a high capacity property, to modify an existing well on a high capacity property, or the construction or reconstruction of a school or wastewater treatment plant well. The following information will be scanned and posted as a public record on our website. Return completed application to:

Wisconsin Department of Natural Resources
Bureau of Drinking Water & Groundwater - DG/5
PO Box 7921
Madison, WI 53707-7921

Applicant Information

Name and Title	Company
Troy Simonar PM	CTW Corporation

Owner Information

Name and Title	Company
Mr. Errico Auricchio President	BelGioioso Cheese

County	Town		Range		Section	High Capacity Well File No. (if applicable)
Brown	22	N	22	◉ East ○ West	19	405089960

Yes No

○ ◉ Is a proposed well within 1,200 feet of a landfill? Landfill location: (Township/Range/Section): T R S

○ ◉ Are you aware of any existing well installations on the high capacity property that are out of compliance with Chapter NR 812, Wisconsin Administrative Code? If yes, attach a description of the non-complying wells.

Existing Well Information

Enter the following information for all **existing** wells on the property and any contiguous property owned by the applicant.
Note: Applications are not complete unless they specify water use, pump capacities and GPS locations of existing wells.

Well Name and/or Number assigned by Owner	Water Use Code(s)	High Capacity Well Number	Pump Capacity (gpm)	Existing Well Coordinates Decimal Degrees Preferred (e.g. 45.1234, -89.1234) Latitude	Longitude	WUWN or WCR Image File # (if known)
East	IN32	3799	300	44.3584917	-87.888841666	NY893
West	IN32	3800	300	44.3584917	-87.888877777	NY894
Backup Lancaster - Denmark	IN32	2002	50			GV648
Denmark	IN32	2003	225			KX164
Wastewater treatment well	IN32	9143	50			XG947

Additional Project Information

Include any additional relevant information regarding this project such as existing wells to be abandoned, proposed non-standard construction methods or pending ownership changes

High Capacity, School or Wastewater Treatment Plant Well Approval Request

Form 3300-295 (R 5/15)

Proposed Well Information

Enter the following information for all proposed wells on the property. If more than two wells or alternate construction, submit additional sheets.

Well Location and Usage	(●) Potable ( ) Non-Potable	( ) Potable ( ) Non-Potable
Well Name Assigned by Well Owner (North Well, etc.):	#3	
Town/Range/Section:	SW¼ SW¼ S 19 T 22 R 22 E	¼ ¼ S T R
Latitude :	44.3574111	
Longitude:	-87.88659444444446	
Water Use Code (e.g. IR10):	IN32 Dairy manufacturing	
Proposed Maximum Water Usage Per Day in Gallons:	500	
Proposed Maximum Water Usage Per Month in Gallons:	21,600,000	
Months of Operation (e.g. May - Sept):	annual	
Proposed Pump Type & Capacity(gpm):	VHS, 500gpm	
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	over the top discharge	
Discharge Location (Building Pressure Tank, Pond, etc.):	Pressure Tank	
Distance and Direction to Nearest Public Utility Well & Well Name:		
Distance to Other Potential Contaminant Sources:	Onsite treatment plant - 850'	

Well Construction

Drilling Method(s) (Rotary, Percussion, Etc.):	Air Rotary Foam	
Anticipated Geological Materials and Depths that are expected during drilling:		
Material and Depth Interval:	clay from 0 ' to 124 '	from 0 ' to '
Material and Depth Interval:	Limestone from 124 ' to 360 '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Material and Depth Interval:	from ' to '	from ' to '
Drillhole Diameter and Anticipated Depth Intervals:		
Diameter and Depth Interval:	16" from 0 ' to 124 '	from 0 ' to '
Diameter and Depth Interval:	12" from 124 ' to 360 '	from ' to '
Permanent Casing or Liner Material , If Used:		
Diameter and Wall Thickness:	12 " dia .375 " thick from 0 ' to 124 '	" dia " thick from 0 ' to '
Diameter and Wall Thickness:	" dia " thick from ' to '	" dia " thick from ' to '
Casing Material and Joints (Welded, T and C, etc.):	welded	
Weight at Depth Interval:	49.56 lbs/foot 0 ' to 124 '	lbs/foot 0 ' to '
Weight at Depth Interval:	lbs/foot ' to '	lbs/foot ' to '
Screen Material and Casing to Screen Joint (Welded, T and C, K Packer, etc.):		
Screen Slot Size in Inches and Depth Interval or N/A if none:	from ' to '	from ' to '
Annular Space Material Including Filter Pack Material, If Used:		
Material and Depth Interval:	neat cement grout / 0 ' to 124 '	/ 0 ' to '

Applicant Signature

By signing this form, I certify that to the best of my knowledge, all information in the application is accurate and correct. I understand that unsigned or incomplete applications will not be approved.

Name – Print		Select One:
Troy Simonar		( ) Owner (●) Agent of Owner
Signature	Company	Date
	CTW Corporation	7/24/16

Return completed forms to:

State of Wisconsin, Department of Natural Resources
Bureau of Drinking Water & Groundwater – DG/5
PO Box 7921, Madison, WI 53707-7921
dnr.wi.gov

Potable High Capacity Well Attachment

Form 3300-295A (R 5/15)

Notice: This attachment is not intended to be used when seeking approval for construction or modification of wells or surface water systems regulated under ch. NR 811, Wis. Adm. Code. Any water system serving 7 or more homes, 10 or more mobile homes, 10 or more apartments, 10 or more condominiums, or 10 or more duplexes is regulated under ch. NR811, Wis. Adm. Code. See NR 811.01 Wis. Adm. Code for applicability requirements.

Property Information

Yes	No	
○	◉	Will a proposed well be connected to a plumbing system that is supplied by another water source (other wells, municipal supply, etc.)? **If yes include a schematic drawing as described in the potable attachments below.**
○	◉	Is a proposed well to be used for a transient non-community or non-transient non-community public water supply system? For water system diagram go to: dnr.wi.gov/topic/DrinkingWater/documents/publicdiagram.pdf
○	◉	Is a non-pressurized storage vessel proposed? If yes, provide drawings and specifications.
○	◉	Is a pressurized tank with a capacity greater than 1,000 gallons proposed? If yes, provide drawing(s) and specifications.
○	◉	Are you seeking a variance to construct a well that has a capacity of less than 70 gallons per minute to low capacity well construction standards?

Proposed Potable Project Description

For potable wells describe the project, include the type of well (Private, Public, School, WWTP) and note the planned storage type and volume (e.g. 500 gallon pressure tank, 500 gallon bladder tank).

The well will serve a cheese factory. A 500gpm VHS pump will go directly to (2) 500 hydro-pneumatic pressure tanks.

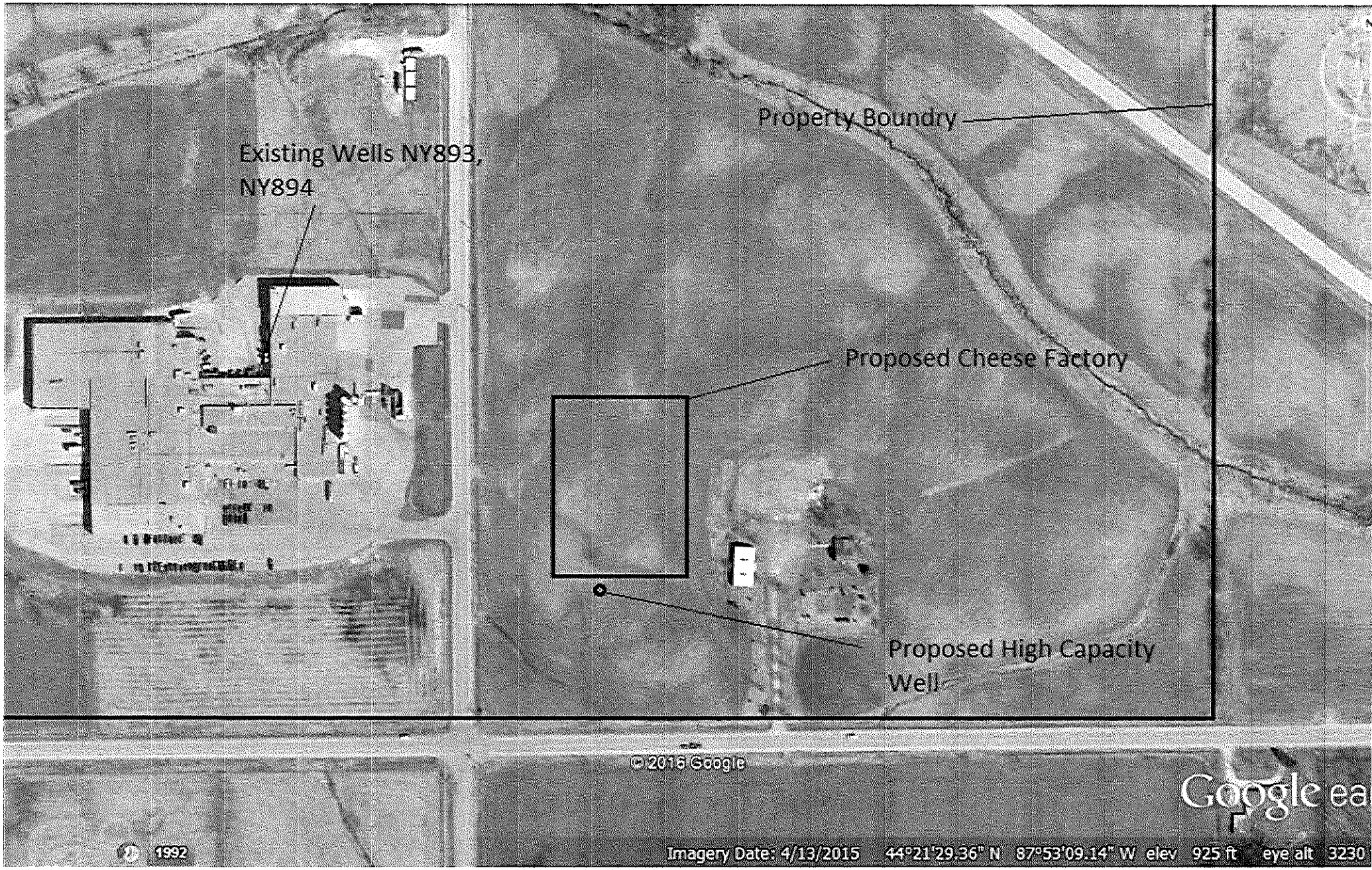
Existing Potable Well Information

For existing potable well(s) on the property without a well construction report, provide a description of the known construction information about the well (e.g. 2" unscreened point well drilled in 1950's, 6" sandstone well unscreened).

Note: More information or an inspection of an existing well may be required before approval.

Potable Attachments

1. Enclose a sketch map showing all of the following that are planned or exist within 300 feet of each proposed potable well: proposed well location; other wells; property boundary; wetlands; potential contamination sources (septic tank and drainfield, petroleum storage tanks, sewer lines, etc.); buildings and north arrow. If there are no pertinent features to map within 300 feet of the proposed well state that on the required property map and plot the well locations.
2. If more than one well is connected to a common plumbing system, also provide a schematic drawing of the system showing method of preventing backflow. This sketch should include the well discharge (pitless, over top of casing sanitary seal); the water line from the well; pressure tanks; sampling faucets; check valves; backflow preventers; air gaps; manually operated valves; water meters; pressure switches for pumps; and any other pertinent fittings. This schematic drawing should also identify which of these components are buried or above ground. If there is more than one check valve within the casing, include in-well check valves on the schematic.


Existing Wells NY893, NY894
Property Boundry
Proposed Cheese Factory
Proposed High Capacity Well
© 2015 Google
Google ea
1992
Imagery Date: 4/13/2015 44°21'29.36" N 87°53'09.14" W elev 925 ft eye alt 3230

WISCONSIN UNIQUE WELL NUMBER NY893

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 305 FT

Property Owner	BEL GIOLOSO CHEESE INC
Telephone Number	920 -863-2123
Mailing Address	5810 CO RD NN
City	DENMARK
State	WI
Zip Code	54208
County of Well Location	5 BROWN
NE	
Co Well Permit No	W
Well Completion Date	October 31, 2002
Well Constructor	C T W CORP
License #	364
Facility ID (Public)	405089960
Address	21500 W GOOD HOPE RD
Public Well Plan Approval#	5321
City	LANNON
State	WI
Zip Code	53046
Date Of Approval	10/08/2002
Hicap Permanent Well #	3799
Common Well #	5
Specific Capacity	71.8 gpm/ft

1. Well Location

T=Town C=City V=Village: T of GLENMORE

Fire#

Street Address or Road Name and Number: 5810 CO RD NN

Subdivision Name | Lot# | Block #

Gov't Lot or SE 1/4 of SE 1/4 of

Section 24 T 22 N R 21 E

2. Well Type 1 (See item 12 below)

1=New 2=Replacement 3=Reconstruction

of previous unique well # _____ constructed in _____

Reason for replaced or reconstructed Well?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves # of homes and or **CHEESE PLANT**
N (eg: barn, restaurant, church, school, industry, etc.)

M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Y Property? Y

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y

Well located in floodplain? N

Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
10 14. Building Sewer 1 1=Gravity 2=Pressure 1 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
14.0	surface	127
10.0	127	305

Upper Enlarged Drillhole

X -- 1. Rotary - Mud Circulation ----------
-- 2. Rotary - Air ----------
-- 3. Rotary - Air and Foam ----------
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _ n. dia ----------
X -- 7. Temp. Outer Casing _18 in. dia. 14 depth ft.
Removed ?
Other

Lower Open Bedrock

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
R_CG	RED CLAY WITH STREAKS OF	0	64
G_CG	GRAY CLAY WITH STREAKS OF	64	114
__LC	UNCONSOLIDATED LIMESTONES &	114	124
__L_	LIMESTONE	124	305

6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
10.0	NEWPORT STEEL API 5L X 52E .365 WALL WELDED PE 40.52 #/FT 3000 PSI	surface	127

Dia.(in.)	Screen type, material & slot size	From	To

9. Static Water Level
85.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 91.0 ft. below surface
Pumping at 431.0 GP M 8.0 Hrs

11. Well Is: 24 in. A Grade
A=Above B=Below
Developed? Y
Disinfected? Y
Capped? Y

7. Grout or Other Sealing Material

Method GROUT PIPE-PRESSURE PUMPED

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT	surface	127.0	77 S

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y
If no, explain

13. Initials of Well Constructor or Supervisory Driller NJ Date Signed 12/10/02

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments? NY
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 838

WISCONSIN UNIQUE WELL NUMBER
Source: WELL CONSTRUCTION

NY894

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 280 FT

Property Owner: BEL GIOLOSO CHEESE INC	Telephone Number: 920-863-2123
Mailing Address: 5810 CO RD NN	
City: DENMARK	State: WI / Zip Code: 54208
County of Well Location: 5 BROWN NE	Co Well Permit No: W
Well Completion Date: October 31, 2002	

1. Well Location
T=Town C=City V=Village
T of GLENMORE

Fire#

Street Address or Road Name and Number: 5810 CO RD NN

Subdivision Name | Lot# | Block #

Gov't Lot or SE 1/4 of SE 1/4 of
Section 24 T 22 N R 21 E

Well Constructor: C T W CORP	License #: 364
Facility ID (Public): 405089960	
Address: 21500 W GOOD HOPE RD	Public Well Plan Approval#: 5321
City: LANNON / State: WI / Zip Code: 53046	Date Of Approval: 10/08/2002
Hicap Permanent Well #: 3800	Common Well #: 6
Specific Capacity: 71.7 gpm/ft	

2. Well Type 1 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves N # of homes and or CHEESE FACTORY (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Y Property? Y

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

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5. Nonconforming Pit
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Dia.(in.)	From (ft)	To (ft)
14.0	surface	127
10.0	127	280

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-- 2. Rotary - Air
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Other

Lower Open Bedrock

8. Geology

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6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
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9. Static Water Level
85.0 feet B ground surface
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11. Well Is: 24 in. A Grade
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Disinfected? Y
Capped? Y

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Method GROUT PIPE-PRESSURE-PUMPED

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT	surface	127.0	126 S

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