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DRINKING WATER & GW

State of Wisconsin
Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Project Name and Description

Project Name and Description

Stler, Hoffman, Ebert and Mader Street Utility Extensions, Village of Gresham

Dewatering System Property Owner

Name and Title		Company		
Brian Carroll, Village Manager		Gresham Utility Office		
Street Address	**City**	**State**	**Zip Code**	**Contact Person**
P.O. Box 50	Gresham	WI	54128	Brian Carroll
Telephone Number	**Fax Number**		**Email Address**	
715-851-7806	715-787-1313		bcarroll@villageofgresham.us	

Dewatering System Operator

Name and Title		Company		
Tom Taylor, Site Superintendent		James Peterson Sons, Inc.		
Street Address	**City**	**State**	**Zip Code**	**Contact Person**
P.O. Box 523	Medford	WI	54451	Steven Koski
Telephone Number	**Fax Number**		**Email Address**	
715-748-3035	715-748-4530		jpsutility@jpsbp.com	

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number
S 1/2 of NW 1/4		3

Township	Range				County
T 27 N	R 14	☒ East ☐ West	☐ City ☒ Village ☐ Civil Town	OF Gresham	Shawano

Street or Grid Address (fire number)

Stler Street, Hoffman Street, Ebert Street and Mader Street, Village of Gresham

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage Per Day	Proposed Total Maximum Pumpage per Day
Well Number 3	20,000 to 30,000 gpd	60,000 gallons

Distance from Public Utility Well	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)
1500 ☒ Feet ☐ Miles	Ditch discharge. Flows to storm sewer then Red River

Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project
north	30
Proposed Pump (Dewatering System) Capacity	**Number of Wells/Points in Use at Any Given Time**
200 gallons per minute	20
Dewatering Project Start Date (MM/DD/YYYY)	**Dewatering Project Completion Date (MM/DD/YYYY)**
8/22/2016	12/30/2016

Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
Sand	6 feet	930	922

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)
14'	4" to 6"	Jetting

Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.)

Sand

Casing Depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 pvc)	Casing diameter (inches)
12'	.25"	HDPE SDR 11	1 1/2"

High Capacity Dewatering Well Application

Form 3300-258 (R 9/02)

Well Construction (continued)

Method of connecting well casing segments	Height of well casing termination above local ground elevation (in)
☒ Fused ☐ solvent weld ☐ threaded/mechanical	6"

Well screen material (e.g. wire wound steel, slotted PVC)	Well screen length (ft)	Well screen diameter (in)
slotted HDPE	2'	1.5"
Method of attaching screen to well casing or placing screen	**Type of well screen**	**Engineered gravel pack around screen**
fused	☐ wire wound ☒ slotted pipe	☐ yes ☒ no

Annular space seal material (e.g. bentonite, cement, native material)	Method of placing annular seal (e.g. tremie pipe)
Native Material	Native Material Existing

Pump Installation

Pump type (e.g. submersible, vacuum)	Individual pump capacity (gpm)	Well seal type and design	Check valve location
Vacuum	200	Not Applicable	at Vacuum Pump

Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)

Native Materials with less permeable material on top 2 feet

Enclosures

- ☒ Plat map (project location marked)
- ☒ Engineering plan map of project (do not submit complete set of plans).
- ☒ Contamination sites (BRRTS information) with well locations and discharge location (www.dnr.state.wi.us/org/aw/rr/brrts/index.htm)
- ☒ Well construction diagram with dimensions
- ☒ Drawing of manifold design if multiple wells are connected together
- ☒ Discharge drawing
- ☐ If WPDES permit already issued, attach copy

Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature required.

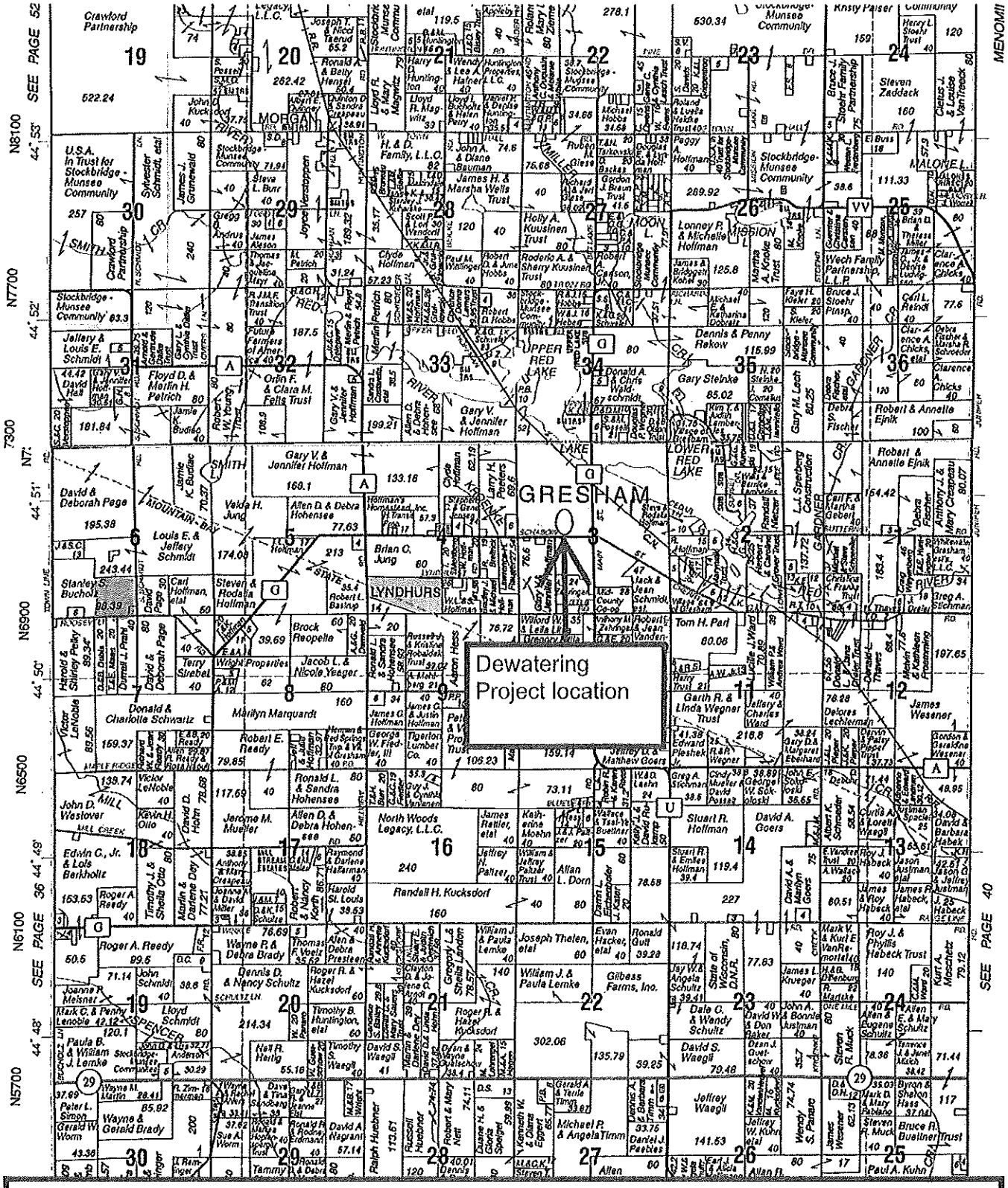
Property Owner Signature	Date Signed
	17 AUG 2016

Applicant

Name: Last	First	MI	Signature
Koski	Steven	J.	
Street Address	**City**	**State**	**Zip Code** / **Date (mm/dd/yyyy)**
P.O. Box 523	Medford	WI	54451 / 8/17/2016
Company Name	**(Area Code) Telephone Number**		**Email Address**
James Peterson Sons	715-748-3035		jpsutility@tds.net

Department Use Only

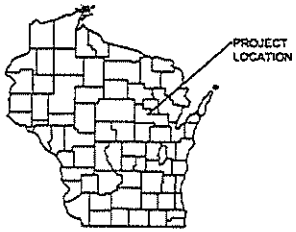
Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	**Authorized Signature**
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgment	**Action: Conditions of approval are attached if approved.**
Feet ☐ No Expected Significant Impact	☐ Approved ☐ Denied

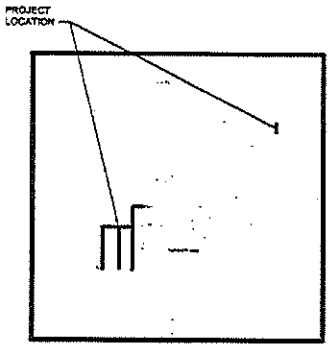


Location Diagram
Stier, Hoffman, Ebert and Mader Street Utility Extensions project, Village of Gresham, WI
Shawano County, WI

STIER, HOFFMAN, EBERT AND MADER STREET UTILITY EXTENSIONS

VILLAGE OF GRESHAM
SHAWANO COUNTY, WI





LOCATION MAP
NOT TO SCALE

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P 10	PLAN AND PROFILE SHEET RICHARDS STREET
P 11	PLAN AND PROFILE SHEET KEN TRAEGER COURT

XC - CROSS SECTION SHEETS

XC 1-29	CROSS SECTION SHEETS

WISCONSIN
JAMES W. BOLLMANN JR.
33508-006
THREE LAKES, WI
PROFESSIONAL ENGINEER
5-17-06

LEGEND

- EXISTING WATER MAIN
- EXISTING GATE VALVE & HYDRANT
- WATER SERVICE & CURB STOP
- PROPOSED WATERMAIN, VALVE, & HYDRANT
- PROPOSED WATER SERVICE & CURB STOP
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING FORCEMAIN
- EXISTING STORM SEWER & INLET
- PROPOSED STORM SEWER & INLET
- PROPOSED MANHOLE & SEWER MAIN
- BURIED ELECTRIC
- BURIED GAS & VALVE
- BURIED CABLE TELEVISION
- BURIED TELEPHONE
- BURIED FIBER OPTICS
- OVERHEAD UTILITY
- RAILROAD TRACKS
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE
- FENCE LINE
- DRAINAGE ARROW
- SILT FENCE
- RIGHT-OF-WAY
- BASELINE
- PROPERTY LINE
- TREE LINE
- BENCHMARK
- IRON PIPE
- IRON ROD
- CONTROL POINT
- UTILITY POLE & GUY
- SOIL BORING
- LIGHT POLE
- PEDESTAL
- STREET SIGN
- MAILBOX
- FLAGPOLE
- TREE - DECIDUOUS
- TREE - CONIFEROUS
- TREE TO BE REMOVED

UTILITIES

ELECTRIC:
SEWER & WATER:
GRESHAM UTILITY OFFICE
P.O. BOX 50
GRESHAM, WI 54125
(715) 787-3244

TELEPHONE:
FRONTIER COMMUNICATIONS
JAMES JASKOLSKI
28 WEST 12TH STREET
CLINTONVILLE, WI 54929
(715) 823-1227
JAMES.JASKOLSKI@FTR.COM

CHARTER COMMUNICATIONS
79 S. MAIN STREET
CLINTONVILLE, WI 54929
(888) 438-2427

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

PROJECT NO.		SCALE	AS SHOWN	REV	DATE	REVISION	BY
PROJECT DATE		DRAWN BY	DDV				
F.B.		CHECKED BY	JWB				

MSA PROFESSIONAL SERVICES
TRANSPORTATION • INDUSTRIAL
DEVELOPMENT • ENVIRONMENTAL
1835 N Stevens St Stevensville WI 54601
715-360-9014 1-800-844-7974 Fax 715-360-9719
Web Address www.msa-ps.com

STIER, HOFFMAN, EBERT AND MADER STREET UTILITY EXTENSIONS
VILLAGE OF GRESHAM
SHAWANO COUNTY WISCONSIN

TITLE SHEET

File No. 4322003
Sheet 01

Contaminated Sites (BRRTS Information) With Well Locations and Discharge Location

Legend

- Open Site (ongoing cleanup)
- Open Site Boundary
- Closed Site (completed cleanup)
- Closed Site Boundary
- Groundwater Contamination
- Soil Contamination
- Groundwater and Soil Contamination
- Contamination From Another Property
- Dryclean Environmental Response Fund (DERF)
- Green Space Grant (2004-2009)
- Ready for Reuse
- Site Assessment Grant (2001-2009)
- State Funded Response
- Sustainable Urban Development Zone (S
- General Liability Clarification Letters
- Superfund NPL
- Voluntary Party Liability Exemption
- Rivers and Streams
- Open Water
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway

0.3 0 0.14 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

1: 8,862

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DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/org/legal/

Note: Not all sites are mapped.

Notes

PROJECT: _____ BY: _____

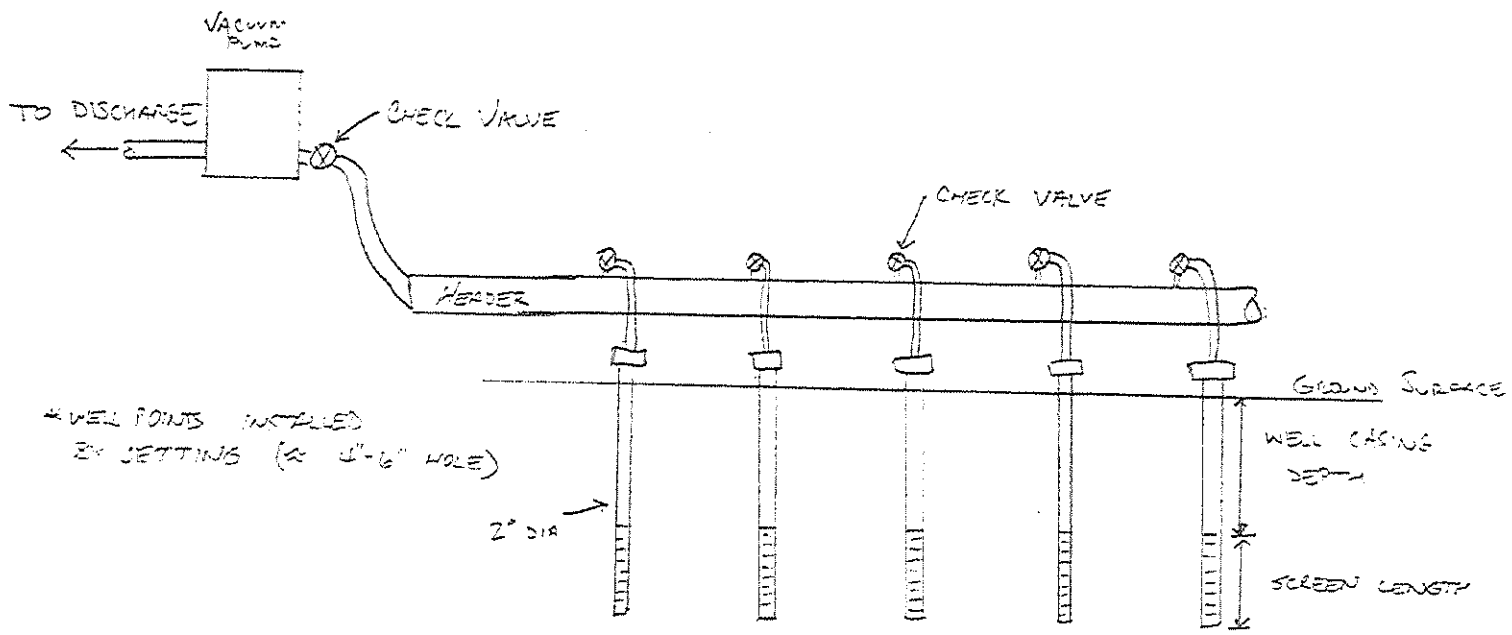
DATE: _____ SHEET # _____ OF _____

LINE ITEM #: _____ BID ITEM #: _____

ITEM DESCRIPTION: _____

QTY: _____

TYPICAL WELL - POINT DESIGN



* WELL POINTS INSTALLED BY JETTING (@ 5"-6" HOLE)

* TYPICAL WELL POINT SPACING 8' -10'

* NOT TO SCALE

JPS James Peterson Sons, Inc.

jpsinc@tds.net

P.O. Box 120 • Medford, WI 54451 • Phone (715) 748-3035 • Fax (715) 748-4530

James Peterson Sons, Inc.
jpsinc@tds.net

PROJECT: _____ BY: _____

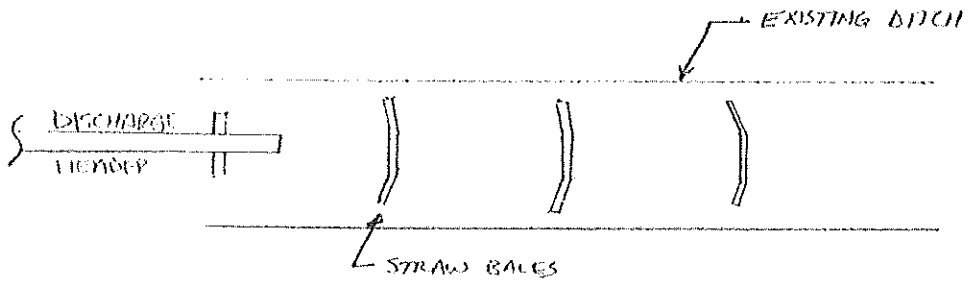
DATE: _____ SHEET # _____ OF _____

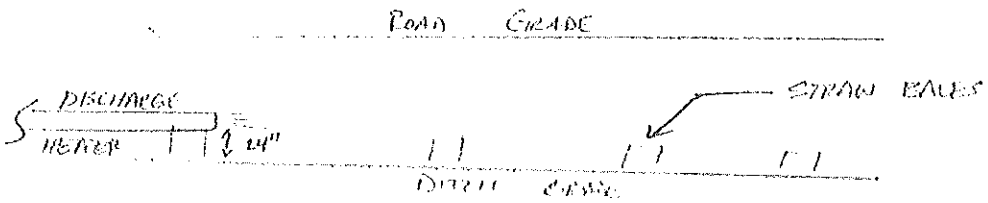
LINE ITEM #: _____ BID ITEM #: _____

ITEM DESCRIPTION: _____

QTY: _____

TYPICAL DISCHARGE DRAWING IN DITCH





X - SECTION

NOT TO SCALE

P.O. Box 120 • Medford, WI 54451 • Phone (715) 748-2035 • Fax (715) 748-4530

JAMES PETERSON SONS, INC. • UTILITY DIVISION • GENERAL ACCOUNT

425776

VENDOR NO.	VENDOR NAME	CHECK NUMBER
20269	WI DEPT OF NATURAL RESOURCES	425776

40 James Peterson Sons-Utility Div

TRANSACTION NUMBER	REFERENCE	DATE	DESCRIPTION	GROSS AMOUNT	DISCOUNT	RETAINAGE	PREVIOUS	BALANCE	NET AMOUNT
816 114	081816	08/18/16	GRESHAM PERMIT	500.00	0.00	0.00	0.00	0.00	500.00

VENDOR NO.		GROSS AMOUNT	DISCOUNT	RETAINAGE	PREVIOUS	BALANCE	NET AMOUNT
20269		500.00	0.00	0.00	0.00	0.00	500.00

THE KEY TO DOCUMENT SECURITY • HEAT ACTIVATED THUMB PRINT • ADDITIONAL SECURITY FEATURES INCLUDED • SEE BACK FOR DETAILS

JPS James Peterson Sons, Inc. Utility Division

P.O. BOX 529
MEDFORD, WI 54451
GENERAL ACCOUNT

NICOLET NATIONAL BANK
79-1793/759

425776

DATE	CHECK NO.	AMOUNT
08/18/16	425776	$500.00

VOID VOID VOID

Five hundred and xx / 100 Dollars

PAY TO THE ORDER OF

WI DEPT OF NATURAL RESOURCES
101 SOUTH WEBSTER ST P O BOX 7921
MADISON WI 53707-7921

AUTHORIZED SIGNATURE

⑈425776⑈ ⑆075917937⑆ 159 442⑈