

7811

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SEP 01 2016

High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Page 1 of 4

State of Wisconsin
Department of Natural Resources
PO Box 7921
Madison WI 53707-7921

DRINKING WATER & GW

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

New Lisbon Prison Screening Station (A deep in line screen system and several deep manholes will be installed)

Dewatering System Property Owner

Name and Title Bob Anderson (Director of Public Works)		Company City of New Lisbon		
Street Address 232 W. Pleasant Street	City New Lisbon	State WI	ZIP Code 53950	Contact Person Bob Anderson
Telephone Number 608-562-5213	Fax Number	E-Mail Address nldpw@mwt.net		

Dewatering System Operator

Name and Title Jordan Lisowe (Project Manager)		Company Staab Construction Corporation		
Street Address 1800 Laemle Avenue PO Box 900	City Marshfield	State WI	ZIP Code 54449	Contact Person Jordan Lisowe
Telephone Number 715-387-8429 ext. 218	Fax Number 715-384-4846	E-Mail Address Jordan.lisowe@staabco.com		

Proposed Dewatering System Location

Quarter of the Quarter NW 1/4	Quarter or Government Lot Number SE 1/4	Section Number or French Long Lot Number Section 9		
Township T 16 N	Range R 03	<input checked="" type="checkbox"/> East <input type="checkbox"/> West	<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Civil Town	County Juneau
Street or Grid Address (fire number) 1000 Progress Road				

Dewatering System Operation

Name of Nearest Public Utility Well Well Number 3	Proposed Total Average Pumpage per Day 1440000 GPD	Proposed Total Maximum Pumpage per Day 1728000 gallons	
Distance from Public Utility Well 1.92	<input type="checkbox"/> Feet <input checked="" type="checkbox"/> Miles	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.) Ditch running east along Progress Road	
Direction (e.g. WNW) to Public Utility Well WNW	Total Number of Dewatering Wells/Points in Project 6		
Proposed Pump (Dewatering System) Capacity 1000 gallons per minute	Number of Wells/Points in Use at Any Given Time 5		
Dewatering Project Start Date (MM/DD/YYYY) 09/26/16	Dewatering Project Completion Date (MM/DD/YYYY) 06/01/17		
Proposed Aquifer Formation NA	At a Depth of: 38 Elevation 850.6	Static Water Level Elevation 878.0	Proposed Dewatering Water Level Elevation 863.0

Well Construction

Total well depth (feet) 38'	Borehole diameter (inches) 24"	Drilling method (e.g. rotary, jetting, percussion, etc.) Rotary	
Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.) Fill, Fat Clay, and poorly graded sand			
Casing depth (feet) 38'	Well casing wall thickness (in.) 3/8"	Casing material (e.g. steel, schedule 40 PVC) Steel	Casing diameter (inches) 12"

High Capacity Dewatering Well Application

Form 3300-258 (R 9/02)

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Well Construction (continued)

Method of connecting well casing segments <input checked="" type="checkbox"/> weld <input type="checkbox"/> solvent weld <input type="checkbox"/> threaded/mechanical	Height of well casing termination above local ground elevation (in) 24"	
Well screen material (e.g. wire wound steel, slotted PVC) Wire Wound Steel	Well screen length (ft) 20'	Well screen diameter (in) 12"
Method of attaching screen to well casing or placing screen Weld screen to casing	Type of well screen <input checked="" type="checkbox"/> wire wound <input type="checkbox"/> slotted pipe	Engineered gravel pack around screen <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Annular space seal material (e.g. bentonite, cement, native material) Native Material	Method of placing annular seal (e.g. tremie pipe) Skid Steer / Shovel	

Pump Installation

Pump type (e.g. submersible, vacuum) Submersible	Individual pump capacity (gpm) 325gpm @ no system head	Well seal type and design Native	Check valve location On Each Line
------------------------------------------------------------	-----------------------------------------------------------	--------------------------------------------	---------------------------------------------

Well Abandonment

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

Collapsing Formation

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.

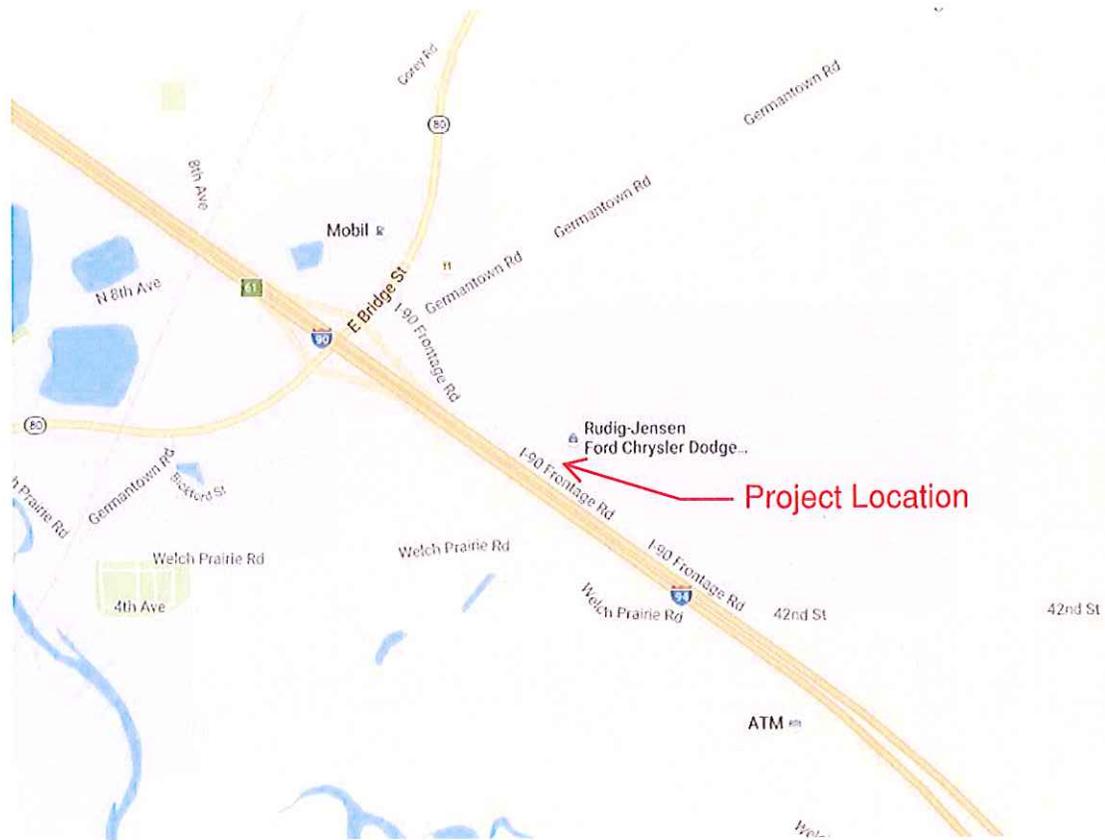
Property Owner Signature NA	Date Signed -----
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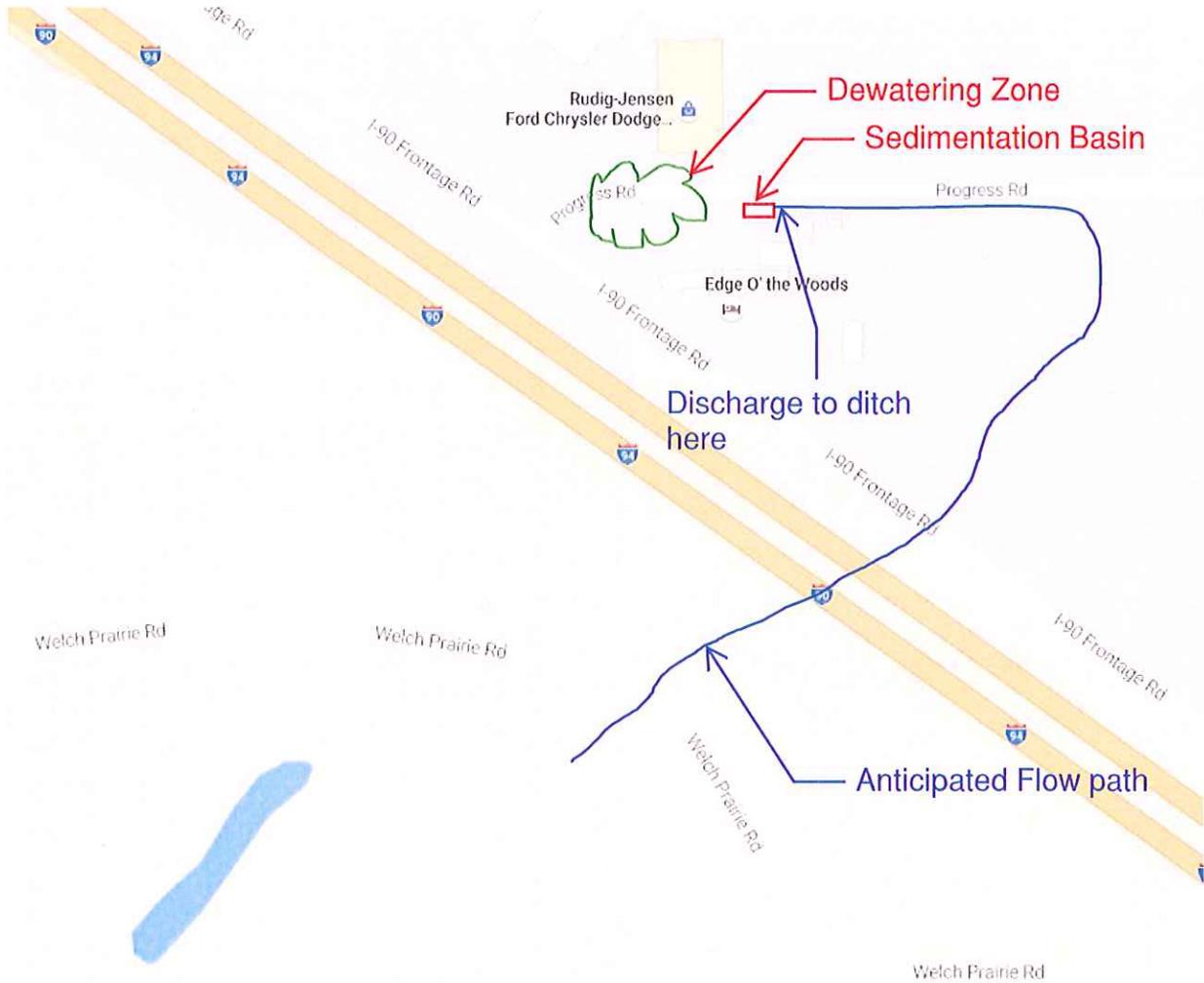
Applicant

Name: Last Lisowe	First Jordan	MI S	Signature <i>Jordan Lisowe</i>
Street Address 1800 Laemle Ave		City Marshfield	State WI
		ZIP Code 54449	Date (mm/dd/yyyy) 08/30/16
Company Name Staab Construction Co		(Area Code) Telephone Number 715-387-8429 ext. 306	E-Mail Address jordan.lisowe@staabco.com

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 Judgement Feet <input type="checkbox"/> No Expected Significant Impact	Action: Conditions of approval are attached <input type="checkbox"/> if approved. <input type="checkbox"/> Approved <input type="checkbox"/> Denied





Rudig-Jensen
Ford Chrysler Dodge ..

Dewatering Zone
Sedimentation Basin

Discharge to ditch
here

Anticipated Flow path

Welch Prairie Rd

Welch Prairie Rd

Welch Prairie Rd

Welch Prairie Rd

I-90 Frontage Rd

I-90 Frontage Rd

I-90 Frontage Rd

I-90 Frontage Rd

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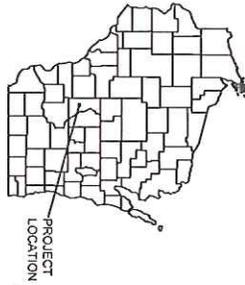
Prog
ss Rd

Progress Rd

Edge O' the Woods

2016 NEW LISBON PRISON SCREENING STATION

CITY OF NEW LISBON JUNEAU COUNTY, WISCONSIN



UTILITIES

GAS:

ALLIANT ENERGY
338 EAST STATE STREET
MAUSTON, WI 53948
ATTN: PATRICK MCINTYRE
OFFICE: 608-867-1330

NORTHERN NATURAL GAS CO.
5597 COUNTY ROAD D
PLATTEVILLE, WI 53181
ATTN: KURT RITTER
OFFICE: 608-719-9517

ELECTRIC:

CITY OF NEW LISBON
232 W. PLEASANT ST.
NEW LISBON, WI 53950
ATTN: DEREK STICKNEY
CELL: 608-547-3032

TELEPHONE:

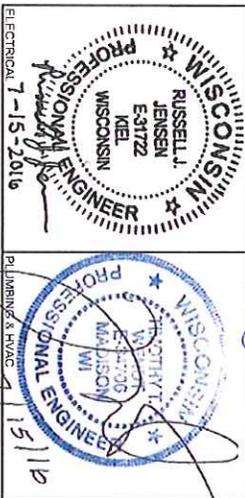
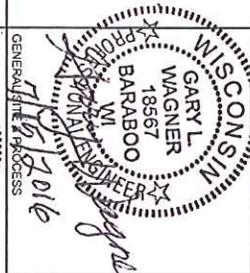
LEMONWEIR VALLEY TELCOM
127 U.S. HWY 12 P.O. BOX 267
CAMP DOUGLAS, WI 54618
ATTN: BEN GRILLEY
OFFICE: 608-542-0186

SEWER & WATER:

CITY OF NEW LISBON
232 W. PLEASANT ST.
NEW LISBON, WI 53950
ATTN: BOB ANDERSON, DPV
OFFICE: 608-542-3213 EXT. 002
CELL: 608-444-2387

CATV:

MEDIACOM
2700 STATE ST.
WESTBY, WI 54687
ATTN: ADAM SCHMIDT



NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR
CONSTRUCTION FOR PROPRIETARY UTILITY MARK EXACT LOCATIONS PRIOR TO
CONSTRUCTION.

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

PROJECT NO.	10100000	DATE OF CONTRACT	NO.	DATE	NO.
PROJECT NAME	2016 NEW LISBON PRISON SCREENING STATION	CITY OF NEW LISBON			
DATE	07/15/16	SCALE			
DESIGNER	MSA	CHECKER	MS		
DRAWN BY	MSA	DATE			

MSA
ARCHITECTURE | ENGINEERING | ENVIRONMENTAL
1135 South Main Street, Suite 200
Westby, WI 54687
www.msa.com

2016 NEW LISBON PRISON SCREENING STATION
CITY OF NEW LISBON
JUNEAU COUNTY, WISCONSIN

TITLE SHEET
DATE: 07/15/16
SCALE: AS SHOWN



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 (SUDZ)
- 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



NAD_1983_HARN_Wisconsin_TM

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Note: Not all sites are mapped.

Notes

03-29-229007 GRANDMAS KITCHEN FORMER

CLOSED/LUST



Cleanup has been approved at this location but some contamination remains. Due to this remaining residual contamination, one or more continuing obligations are applicable to this location (e.g., an asphalt cap or other barrier covering the contamination). For information specific to the continuing obligations at this location, read the Closure Letter within the GIS Registry Packet in the Documents section below. For general information on managing continuing obligations and residual contamination [click here](#). **You must contact DNR before constructing a well. Remaining contamination must be properly handled if disturbed.**

Location Name (Click Location Name to View Location Details)		County	WDNR Region
GRANDMAS KITCHEN FORMER		JUNEAU	WEST CNTRL
Address		Municipality	
1701 GERMANTOWN RD		NEW LISBON	
Public Land Survey System	Latitude	Google Maps	RR Sites Map
NE 1/4 of the SW 1/4 of Sec 09, T16N, R03E	43.883684	CLICK TO VIEW	CLICK TO VIEW
Additional Location Description	Longitude	Facility ID	Size (Acres)
	-90.1434074	729017190	9
Jurisdiction	PECFA No.	EPA Cerclis ID	Start Date
DNR RR	53950-1523-01		1999-09-01
			End Date
			2006-09-20
			Last Action
			2007-05-16

Characteristics

PECFA Tracked?	EPA NPL Site?	Eligible for PECFA Funds?	Above Ground Storage Tank?	Drycleaner?	Co-Contamination?	On GIS Registry?
Yes	No	Yes	No	No	No	Yes

Actions

Place Cursor Over Action Code to View Description

Date	Code	Name	Comment
1999-09-01	1	Notification	
1999-09-08	2	RP Letter Sent	
1999-12-01	35	Site Investigation Workplan Received (w/out Fee)	
2000-01-14	43	Status Report Received	
2000-05-18	77	Free Product Removal Start	
2002-03-25	501	PECFA Bidding	FROM PECFA DATABASE
2002-05-10	502	Bidding Completed	FROM PECFA DATABASE
2002-10-21	99	Miscellaneous	RECEIVED TREAT AND DISPOSE FORMS
2004-02-11	43	Status Report Received	
2004-11-08	43	Status Report Received	
2004-12-13	43	Status Report Received	
2005-01-07	36	Site Investigation Workplan Approved	
2005-01-10	43	Status Report Received	
2006-08-04	710	Database Fee Paid for Soil	
2006-08-04	50	GIS Registry Site	AUTOPOPULATED FROM 700/710 ACTION ENTRY ON 09-JAN-07
2006-08-04	79	Closure Review Request Received	
2006-08-04	700	Database Fee Paid for Groundwater	
2006-09-20	236	Continuing Obligation - Residual GW Contamination	
2006-09-20	56	Continuing Obligation(s) Required - GIS Registry Site	AUTO-POPULATED AS REPLACEMENT FOR CODE 50
Linked to Code 56: 0329229007_Reglstry_Packet.pdf Click to Download or Open			
2006-09-20	232	Continuing Obligation - Residual Soil Contamination	
2006-09-20	11	Activity Closed	
2007-05-16	100	GIS Registry QAQC Completed	

Impacts

Type	Comment
Free Product	-
Groundwater Contamination	-
Soil Contamination	-

Substances

Substance	Type	Amount Released	Units
Gasoline - Unleaded and Leaded	Petroleum		
Diesel Fuel	Petroleum		

Who

Role	Name/Address
Responsible Party	S & S PETROLEUM PRODUCTS 400 S CURRAN RD GRAYSLAKE, IL 60030

For Additional Information, Please Contact

DEENA KINNEY 715-839-2784 deena.kinney@wisconsin.gov

03-29-114394 NEW LISBON 76 AUTO TRUCKSTOP

CLOSED LIST



Cleanup has been approved at this location but some contamination remains. Due to this remaining residual contamination, one or more continuing obligations are applicable to this location (e.g., an asphalt cap or other barrier covering the contamination). For information specific to the continuing obligations at this location, read the Closure Letter within the GIS Registry Packet in the Documents section below. For general information on managing continuing obligations and residual contamination [click here](#). **You must contact DNR before constructing a well. Remaining contamination must be properly handled if disturbed.**

Location Name <small>(click Location Name to View Location Details)</small>		County	WDRR Region
BOZ BROTHERS TRAVEL PLAZA		JUNEAU	WEST CNTRL
Address		Municipality	
1701 E BRIDGE ST		NEW LISBON	
Public Land Survey System	Latitude	Google Maps	RR Sites Map
SE 1/4 of the NW 1/4 of Sec 09, T16N, R03E	43.8847544	CLICK TO VIEW	CLICK TO VIEW
Additional Location Description	Longitude	Facility ID	Site (Acres)
	-90.1441942	729049200	13
Jurisdiction	PECFA No.	EPA CERCLIS ID	Start Date
DNR RR	53950-9999-00		1996-12-18
		End Date	Last Action
		2013-05-17	2013-09-18

Characteristics

PECFA Tracked?	EPA NPL Site?	Eligible for PECFA Funds?	Above Ground Storage Tank?	Drycleaner?	Co-contamination?	On GIS Registry? [?]
Yes	No	Yes	No	No	No	Yes

Actions

Please Cursor Over Action Code to View Description

Date	Code	Name	Comment
1996-12-18	1	Notification	
1997-02-11	2	RP Letter Sent	
1997-08-22	30	Site Investigation Workplan Go Ahead (notice to proceed)	
1999-01-22	33	Tank Closure Environmental Site Assessment Rpt Received	
2000-09-26	99	Miscellaneous	FROD, REPLY BY 11/27/00
2002-06-26	137	Site Investigation Report Received with Fee	
2002-08-05	140	Site Investigation Report Not Approved	
2002-10-14	35	Site Investigation Workplan Received (w/out Fee)	
2002-10-14	36	Site Investigation Workplan Approved	
2003-08-09	501	PECFA Bidding	FROM PECFA DATABASE
2003-07-25	502	Bidding Completed	FROM PECFA DATABASE
2003-08-18	99	Miscellaneous	BID RESULTS LETTER SENT
2004-04-13	43	Status Report Received	
2005-05-05	99	Miscellaneous	STATUS UPDATE REQUEST SENT
2005-08-02	43	Status Report Received	
2005-11-02	43	Status Report Received	
2006-12-18	43	Status Report Received	
2006-12-28	501	PECFA Bidding	
2007-03-09	502	Bidding Completed	FROM PECFA DATABASE
2007-12-04	43	Status Report Received	
2008-06-20	43	Status Report Received	
2008-11-10	43	Status Report Received	
2009-01-26	43	Status Report Received	
2009-08-14	43	Status Report Received	
2010-10-21	43	Status Report Received	
2011-03-14	501	PECFA Bidding	
2011-04-29	502	Bidding Completed	
2011-09-07	130	DNR Regulatory Reminder Sent	Vapor Intrusion (VI) Assessment Notification Ltr Sent
Linked to Code 130 0329114394_VI_Letter.pdf <small>Click to Download or Open</small>			
2012-09-10	43	Status Report Received	
2012-12-18	700	Database Fee Paid for Groundwater	
2012-12-18	70	Closure Review Request Received	CH#269620
2012-12-18	710	Database Fee Paid for Soil	
2012-12-18	50	GIS Registry Site	*** AUTO POPULATED BY 700 ACTION ENTRY ***
2013-02-11	84	Conditional Closure	MW ABANDONMENT
2013-06-07	190	Conditional Closure Requirements Met or Documentation Recvd	
2013-05-17	55	Continuing Obligation(s) Required - GIS Registry Site	AUTO-POPULATED AS REPLACEMENT FOR CODE 50
Linked to Code 55 0329114394_Registry_Packet.pdf <small>Click to Download or Open</small>			
2013-05-17	235	Continuing Obligation - Residual GW Contamination	
2013-05-17	232	Continuing Obligation - Residual Soil Contamination	
2013-05-17	11	Activity Closed	
2013-09-18	100	GIS Registry QA/QC Completed	

Impacts

Type	Comment
Free Product	-
Groundwater Contamination	-
Soil Contamination	-

Substances

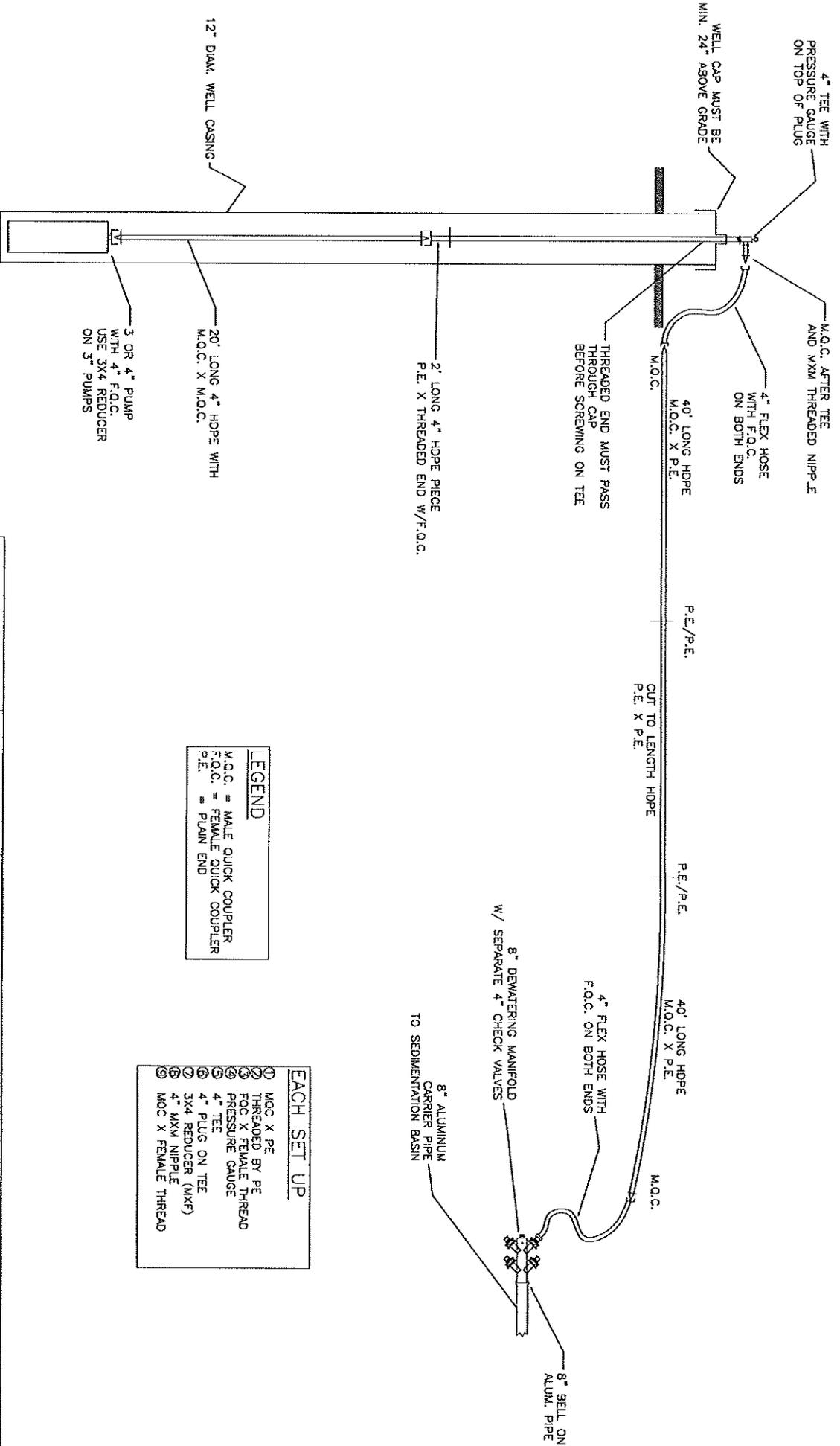
Substance	Type	Amount Released	Units
Gasoline - Unleaded and Leaded	Petroleum		
Diesel Fuel	Petroleum		

Who

Role	Name/Address

For Additional Information, Please Contact

DEENA KINNEY 715-839-2784 deena.kinney@wisconsin.gov



LEGEND
 M.Q.C. = MALE QUICK COUPLER
 F.Q.C. = FEMALE QUICK COUPLER
 P.E. = PLAIN END

EACH SET UP
 ① M.Q.C. X P.E.
 ② THREADED BY P.E.
 ③ F.Q.C. X FEMALE THREAD
 ④ PRESSURE GAUGE
 ⑤ 4\"/>

staab CONSULTING
 10000 W. 10th Ave., Suite 100, Denver, CO 80202
 (303) 751-1000

DRAWN BY: BEN LEE
 CHECKED BY: A. STABS
 DATE: 1-25-12

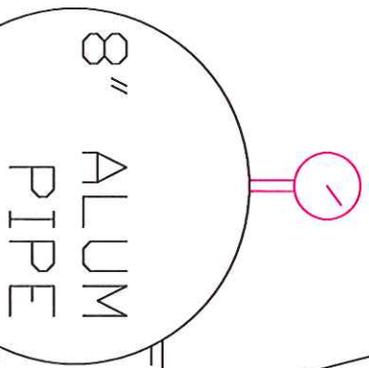
DEWATERING SCHEMATIC

SHEET 1 OF 1
 SCALE: N.T.S.

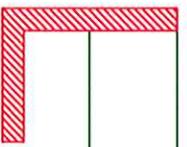
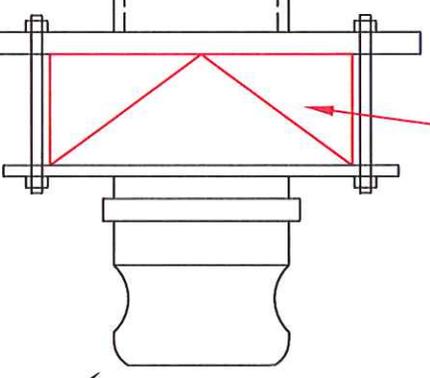
4" DOUBLE DISC
CHECK VALVE

4" SCHEDED 40
ALUM.

ALUM.



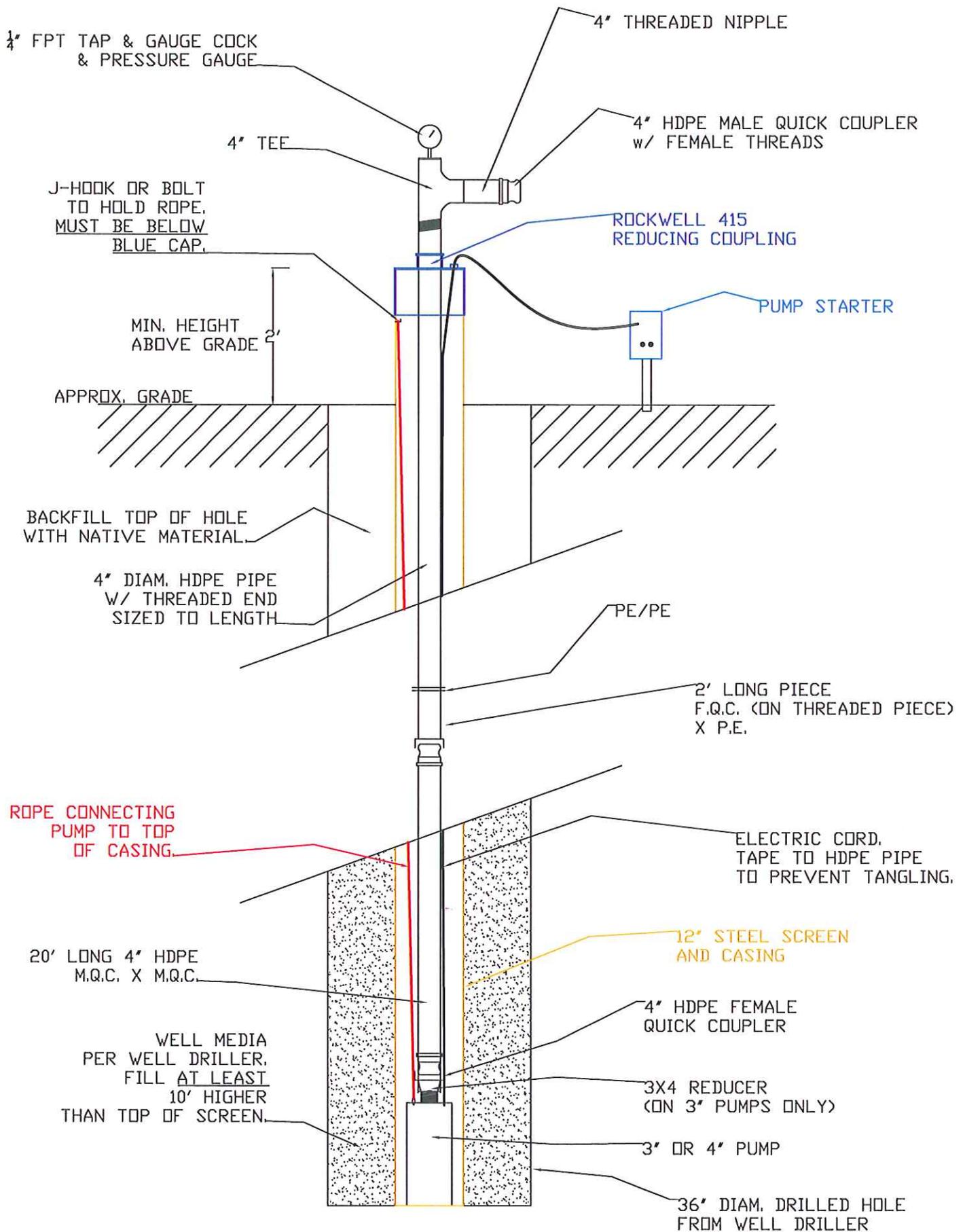
2X4
TUBE
ALUM

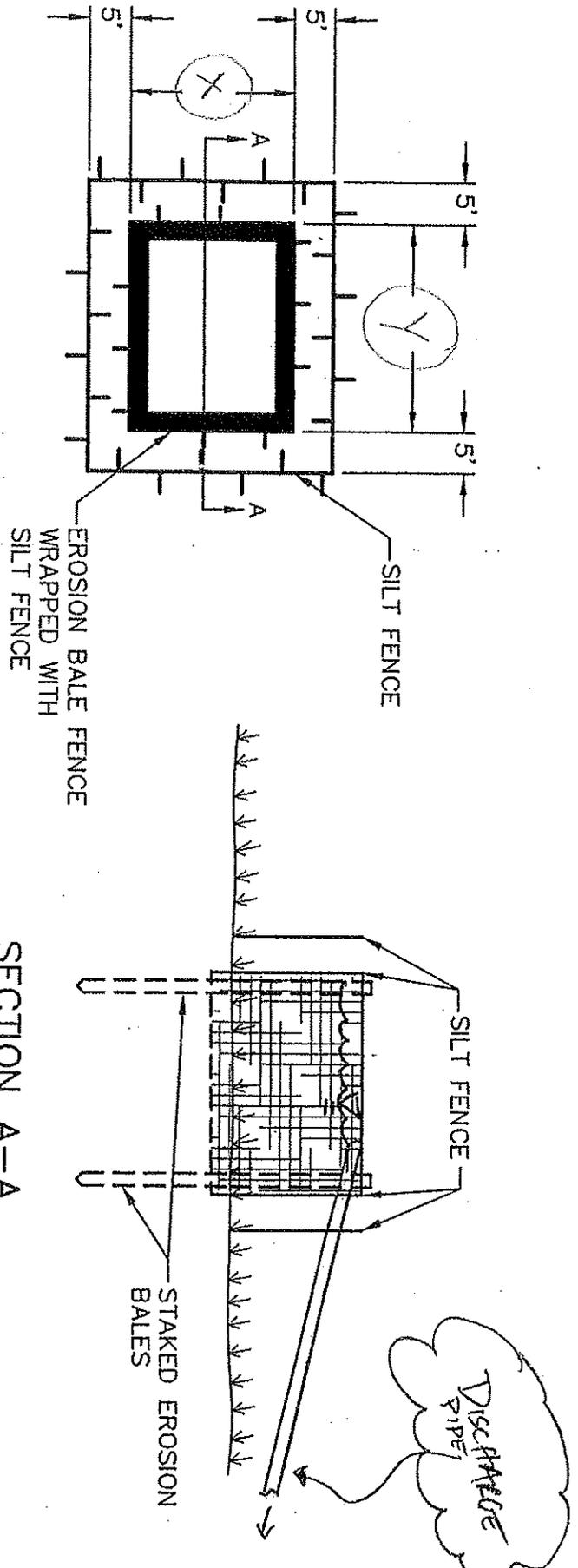


10X12 X 1/2"
PL. ALUM

WELDED TO 2X4 TUBE

4" HDPE
MALE QUICK
COUPLER





NOTE:
 BASIN AREA (FT²) = X*Y = PUMP DISCHARGE (GPM) *0.535
 MINIMUM BASIN SIZE = 100 FT²
 BUILD AS NEEDED BASED ON DEWATERING

DEWATERING SEDIMENTATION BASIN NO SCALE