State of Wisconsin DEPARTMENT OF NATURAL RESOURCES Agriculture Services Center 3369 W Brewster Street Appleton WI 54914-1602

Scott Walker, Governor Cathy Stepp, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



March 8, 2012

Mark & Kelly Radke N8446 County Road F Shiocton WI 54170

Subject: Water sample results from house and barn for the private well located in the NW of the NW of Sec. 24, Deer Creek Township, Outagamie County. (WUWN: PU664)

Dear Mr. & Mrs. Radke:

Attached are the results from the water sampling of your water system. Since the summer of 2011 you have been experiencing a gasoline odor in the barn water. In the fall the water smell got progressively worse and animals drinking the water in the barn were sickly or dying. However, the water at the house did not smell nor have the same problem.

The well serving your water system was constructed for the previous owner, Patrick McClone, in 1962. The well is reported to be 254 feet deep with 209 feet of protective well casing pipe. You purchased the home approximately 15 years ago, in November of 1996. The water is pumped from the well to the pressure tank in the basement of the house, and water is then piped from the house out to the garage and the barn. (Another shallow sand point well serves the more westerly barn.)

According to my records, several years ago you and your husband dug up the water line to the barn that is experiencing problems. When digging you noticed a gasoline odor in the hole. The plastic pipe out to the barn is located within this area.

As we have discussed, state records do document that the previous owner, Pat McClone, had removed a 275 gallon leaded gasoline tank that was used for agricultural purposes. The tank removal was recorded as being on August 15, 1987.

On January 17, 2012 I collected water samples from both your house water system, and from your barn water system. The samples were analyzed for VOCs (Volatile Organic Chemicals) which would detect the individual chemical components of gasoline or petroleum products. In addition, I collected a water sample from the barn to be analyzed for various metals and inorganic parameters that might affect animal health.

LOCATION	TEST	RESU	J <u>LTS</u>	<u>DRINKING WATE</u> STANDARD
<u>House</u> (kitchen tap)	VOCs	None	Detected	- · ·
<u>Barn</u>	VOCs			
	1,2,4-Trimethylbenzene	14	-18.3 combined	480
,	1,3,5-Trimethylbenzene	4.3		
	Benzene	7.2		5
	Ethylbenzene	15		700
	Isopropylbenzene	0.50		-
	M/P Xylene	42	-36 combined	2,000
	O-Xylene	14		
	N-Butylbenzene	1.2		-
	N-Propylbenzene	2.6	•	. –
	Naphthalene	2.7		100
	Toluene	33		-
	Arsenic	Not D	etected	
	Iron	0.1 m	g/L	0.3* mg/L
	Lead	Not D	etected	· _
· ·	Manganese	10.6		300
	Nitrates	Not D	etected	
	Nickel	Not D	etected	. <del>-</del> .
	Selenium	Not D	etected	-

Note: Results reported in ug/L = micrograms per liter = ppb = parts per billion, unless otherwise noted. Iron results reported in mg/L = milligrams per liter = ppm = parts per million; iron results are Secondary Drinking Water Standards based on aesthetic concerns (taste, staining) not on health parameters.

The samples from the barn <u>did</u> detect gasoline-related chemicals. The level of benzene in the water was above the drinking water advisory. You were advised not to use the barn water for drinking or cooking, and to provide a different water line for the animals.

It appears that gasoline contamination of the soil may be leaching into the plastic water line out to the barn. It seems probable that this may be associated with the gasoline tank that was removed in 1987. Fortunately, the well water does <u>not</u> appear to be contaminated.

It is my understanding that a release to the environment must be reported to the Department and follow up work needs to be done to mitigate the problem. Ton Sturm, of our Bureau of Remediation and Redevelopment, can help you with this process. Tom can be reached at our Shawano office at (715) 526-4230.

In summary, gasoline related chemicals were identified in the barn water. You were advised to find an alternate water line to serve water to this location. Please contact Tom Sturm at (715) 526-4230 regarding proper follow up steps to resolve the problem. For questions regarding your well or drinking water feel free to call me at (920) 993-7056.

Sincerely. enen

Liz Heinen Drinking & Groundwater Specialist Cc: DG/5 Tom Sturm – R&R/Shawano

Laboratory Report

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aboratory:	Wisconsin State Labor	atory of Hygiene		DNR ID	113133790	
	2601 Agriculture Dr					
	Madison	WI 53718	24 (212			
	Phone: 800-442-4618	Fax Phone : 608-2	24-0213			
ample:						
, Fie	ld # RADKE-HOUSE		Sample #	OW003118		
Collection St	tart: 01/17/2012 05:30 p	m	Collection End:	0		
Collected	by: <b>HEINEN</b>	Į	Waterbody/Outfall Id.			
Ĺ	ID #:		ID Point #	PU664		
Cor	inty: Outagamie		Account #:	DH060		
Sample Local	tion: N8446 COUNTY F	ROAD F; SHIOCTON				
imple Descript	tion: KITCHEN TAP					
Data Para	trce: Private (other)		Sample Depth:	COMPLETE		
Dule Repoi	No:		Sample Status:	COMPLETE		
170/201	110.		Sumple Reason.			
nalyses and	Results:		N			
Analysis Me	thod	Analysis Da	te Lab Comment			
VOCS IN V	VATER BY GC/MS - EP.	A METHOD :01/25/2012	SEE OW003118.N	MM1		
	WISCONSIN STATE	LABORATORY OF HYGI	IENE (WSLH) SAM	IPLE OW00311	L8.	
	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE	IENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI	IPLE OW00311 LIMIT INDIC T INDICATEI	L8. CATED BY D BY *MSL.	•
	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME	TENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE	IPLE OW00311 LIMIT INDIC T INDICATEI SE QUALIFIE	L8. CATED BY D BY *MSL. ERS:	
	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL	TENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE LIFIER	IPLE OW00311 LIMIT INDIC T INDICATEI SE QUALIFII	L8. CATED BY D BY *MSL. ERS:	
	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE  1,2-DIBROMO-3-CH	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAI  HLOROPROPANE *LMI	TENE (WSLH) SAM THE LOWER QC LOWER QC LIMI COUNDS HAVE THE LIFIER 	IPLE OW00311 LIMIT INDIC T INDICATEN SE QUALIFIN	L8. CATED BY D BY *MSL. ERS:	
	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE 1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL +LOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT	TENE (WSLH) SAM F THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE LIFIER LIFIER LAMSL NOT ACCREDITEE F STEVE GEIS AT	IPLE OW00311 LIMIT INDIC T INDICATEN SE QUALIFIN D. C (608) 224	L8. CATED BY D BY *MSL. ERS:	
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Code De. 77562 1,1	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE 1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY scription ,1,2-TETRACHLOROET	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAI HLOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT	TENE (WSLH) SAM THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE LIFIER LIFIER 	IPLE OW00311 LIMIT INDIC T INDICATE SE QUALIFIE C. (608) 224 LOD 0.20	L8. CATED BY D BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66
Code De. 77562 1,1 34506 1,1	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE  1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY scription ,1,2-TETRACHLOROETHAN	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL  HLOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT THANE NE	TENE (WSLH) SAM F THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE CLIFIER SAMSL NOT ACCREDITEE F STEVE GEIS AN Result Units ND UG/L ND UG/L	IPLE OW00311 LIMIT INDIC T INDICATEN SE QUALIFIN C. (608) 224 LOD 0.20 0.15	L8. CATED BY O BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66 0.50
Code De. 77562 1,1 34506 1,1 34516 1,1	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE  1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY scription ,1,2-TETRACHLOROET ,1-TRICHLOROETHAN ,2,2-TETRACHLOROET	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL +LOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT CHANE IE FHANE	TENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI COUNDS HAVE THE CIFIER  -*MSL NOT ACCREDITER T STEVE GEIS AN Result Units ND UG/L ND UG/L ND UG/L	IPLE OW00311 LIMIT INDIC T INDICATE SE QUALIFIE C. (608) 224 LOD 0.20 0.15 0.15	L8. CATED BY O BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66 0.50 0.50
Code De. 77562 1,1 34506 1,1 34516 1,1 34511 1,1	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE 1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY Scription ,1,2-TETRACHLOROET ,1-TRICHLOROETHAN ,2,2-TETRACHLOROET	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL HLOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT THANE IE THANE IE	TENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE COUNDS HAVE THE LIFIER L'MSL NOT ACCREDITEE T STEVE GEIS AT Result Units ND UG/L ND UG/L ND UG/L ND UG/L	IPLE OW00311 LIMIT INDIC T INDICATE SE QUALIFIE 0. (608) 224 LOD 0.20 0.15 0.15 0.15	L8. CATED BY O BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66 0.50 0.50 0.50
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Code         De.           77562         1,1           34506         1,1           34516         1,1           34511         1,1           34496         1,1           34501         1,1           34501         1,1           34501         1,1           34501         1,1           34501         1,1	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE 1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY Scription ,1,2-TETRACHLOROET ,1-TRICHLOROETHAN ,2,2-TETRACHLOROET ,2-TRICHLOROETHANE -DICHLOROETHYLEN -DICHLOROPROPENE	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL HLOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT THANE IE IE	TENE (WSLH) SAM	IPLE OW00311 LIMIT INDIC T INDICATE SE QUALIFIE C. (608) 224 LOD 0.20 0.15 0.15 0.15 0.15 0.15 0.15 0.15	L8. CATED BY O BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66 0.50 0.50 0.50 0.50 0.50 0.50
Code         De.           77562         1,1           34506         1,1           34516         1,1           34511         1,1           34496         1,1           34501         1,1           34501         1,1           34501         1,1           77168         1,1           77613         1,2	WISCONSIN STATE THE LAB MATRIX S *LML. THE MATRIX SPIKE THE RESULTS FOR ANALYTE 1,2-DIBROMO-3-CH CURRENTLY, 2,2-I IF YOU HAVE ANY Scription ,1,2-TETRACHLOROET ,1-TRICHLOROETHAN ,2,2-TETRACHLOROET ,2-TRICHLOROETHANE -DICHLOROETHYLEN -DICHLOROPROPENE ,3-TRICHLOROBENZE	LABORATORY OF HYGI SPIKE DOES NOT MEET E DOES NOT MEET THE THE FOLLOWING COME QUAL  HLOROPROPANE *LMI DICHLOROPROPANE IS QUESTIONS, CONTACT CHANE UE FHANE UE	TENE (WSLH) SAM T THE LOWER QC E LOWER QC LIMI POUNDS HAVE THE CIFIER C*MSL NOT ACCREDITER T STEVE GEIS AN Result Units ND UG/L ND UG/L	IPLE OW00311 LIMIT INDIC T INDICATE SE QUALIFIE C. (608) 224 LOD 0.20 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.1	L8. CATED BY O BY *MSL. ERS: -6269. <i>Report Limit</i>	<i>LOQ</i> 0.66 0.50 0.50 0.50 0.50 0.50 0.50 0.50

Laboratory Report

03/08/2012	Lab: 113133790	Sample:	OW003118			Page 5 of 8
Code	Description	Result	1 Inits		Report Limit	100
77443	1,2,3-TRICHLOROPROPANE	ND	UG/L	0.15	Керон Шти	0.50
34551	1,2,4-TRICHLOROBENZENE	ND	UG/L	0.15		0.50
77222	1,2,4-TRIMETHYLBENZENE	ND	UG/L	0.15		0.50
38437	1,2-DIBROMO-3-	* ND	UG/L	0.20		0.66
77651	CHLOROPROPANE 1 2-DIBROMOETHANE	ND	HG/L	0.15		0.50
34536	1.2-DICHLOROBENZENE	ND	UG/L	0.15		0.50
34531	1.2-DICHLOROETHANE	*MSL ND	UG/L	0.15		0.50
77093	1.2-DICHLOROETHYLENE CIS	ND	UG/L	0.15		0.50
34546	1.2-DICHLOROETHYLENE TRANS	ND	UG/L	0.15		0.50
34541	1,2-DICHLOROPROPANE	ND	UG/L	0.15		0.50
77226	1,3,5-TRIMETHYLBENZENE	ND	UG/L	0.15		0.50
34566	1,3-DICHLOROBENZENE	ND	UG/L	0.15		0.50
77173	1,3-DICHLOROPROPANE	ND	UG/L	0.15		0.50
34704	1,3-DICHLOROPROPENE-CIS	ND	UG/L	0.15		0.50
34699	1,3-DICHLOROPROPENE-TRANS	ND	UG/L	0.15		0.50
34571	1,4-DICHLOROBENZENE	ND	UG/L	0.15		0.50
77170	2,2-DICHLOROPROPANE	* ND	UG/L	0.15		0.50
77275	2-CHLOROTOLUENE	ND	UG/L	0.15		0.50
34030	BENZENE	ND	UG/L	0.15		0.50
81555	BROMOBENZENE	ND	UG/L	0.15		0.50
77297	BROMOCHLOROMETHANE	ND	UG/L	0.15		0.50
32101	BROMODICHLOROMETHANE	ND	UG/L	0.15		0.50
32104	BROMOFORM	ND	UG/L	0.15		0.50
34413	BROMOMETHANE	ND	UG/L	0.15		0.50
77350	BUTYLBENZENE SEC	ND	UG/L	0.15		0.50
77353	BUTYLBENZENE TERT	ND	UG/L	0.15		0.50
32102	CARBON TETRACHLORIDE	ND	UG/L	0.15		0.50
34301	CHLOROBENZENE	ND	UG/L	0.15		0.50
34311	CHLOROETHANE	ND	UG/L	0.15		0.50
32106	CHLOROFORM	ND	UG/L	0.15		0.50
34418	CHLOROMETHANE	ND	UG/L	0.15		0.50
32105	DIBROMOCHLOROMETHANE	ND	UG/L	0.15		0.50
77596	DIBROMOMETHANE	ND	UG/L	0.15		0.50

Laboratory Report

/08/2012	Lab: 113133790	Sample:	OW003118			Page 6 of 8
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Code	Description	Result	Units	LOD	Report Limit	LOQ
34668	DICHLORODIFLUOROMETHANE	ND	UG/L	0.20		0.66
34371	ETHYLBENZENE	ND	UG/L	0.15		0.50
34391	HEXACHLOROBUTADIENE	ND	UG/L	0.15		0.50
77223	ISOPROPYLBENZENE	ND	UG/L	0.15		0.50
85795	M/P-XYLENE	ND	UG/L	0.15		0.50
78032	METHYL TERT BUTYL ETHER	ND	UG/L	0.15		0.50
34423	METHYLENE CHLORIDE	ND	UG/L	0.15		0.50
77342	N-BUTYLBENZENE	ND	UG/L	0.15		0.50
77224	N-PROPYLBENZENE	ND	UG/L	0.15		0.50
34696	NAPHTHALENE	ND	UG/L	0.15		0.50
77135	<b>O-XYLENE</b>	ND	UG/L	0.15		0.50
77277	P-CHLOROTOLUENE	ND	UG/L	0.15	•	0.50
77356	P-ISOPROPYLTOLUENE	ND	UG/L	0.15		0.50
77128	STYRENE	ND	UG/L	0.15		0.50
34475	TETRACHLOROETHYLENE	ND	UG/L	0.15		0.50
34010	TOLUENE	ND	UG/L	0.15		0.50
39180	TRICHLOROETHYLENE	ND	UG/L	0.15		0.50
34488	TRICHLOROFLUOROMETHANE	ND	UG/L	0.15		0.50
39175	VINYL CHLORIDE	ND	UG/L	0.20		0.66

Analysis N	Method	Analysis Date Lab Comment			
VOCS IN	NWATER BY GC/MS - PREP - EPA	ME01/25/2012	,		
Code L	Description	Result Units	LOD	Report Limit	LOQ
99299 F	PREP VOCS IN WATER GC/MS	COMPLE			
· N	METHOD 524.2	ТЕ			
			-	• • -	
4	6-11-1	And the Data I at Comment			

Analysi	s Method	Analysis Date Lab Comment				
TEMP	ERATURE ON RECEIPT-ICED - 0950	01/18/2012				
Code	Description	Result Units	LOD	Report Limit	LOQ	_
136	TEMPERATURE AT LAB	ICED		9999999		

03/08/2012

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Laboratory Report

03/08/2012	Lab: 11313.	3790	Sample: OW003117	1		Page 1 of
Laboratory:	Wisconsin State Laborator 2601 Agriculture Dr	y of Hygiene	- - -	DNR ID	113133790	
	Phone: 800-442-4618	Fax Phone : 6	08-224-6213			
Sample:						
Field Collection Sta Collected II Cour	d #: RADKE-BARN art: 01/17/2012 05:15 pm by: HEINEN D #: atv: Outagamie		Sample #: Collection End: Waterbody/Outfall Id: ID Point #. Account #:	OW003117 PU664 DH060		
Sample Locati	on: N8446 COUNTY ROA	D F; SHIOCTON	1	211000		
Sample Descripti Sample Sour Date Report Project	on: FAUCET rce: Private (other) ted: 01/31/2012 No:		Sample Depth: Sample Status: Sample Reason:	COMPLETE		
Analyses and I	Results:					
VOCS IN W Lab Memo	ATER BY GC/MS - EPA M THE FOLLOWING QUALI WISCONSIN STATE LAE THE LAB MATRIX SPIN *LML. THE MATRIX SPIKE DO THE MATRIX SPIKE DO THE RESULTS FOR THE ANALYTE 1,2-DIBROMO-3-CHLOF THIS SAMPLE ALSO CO CURRENTLY, 2,2-DICH IF YOU HAVE ANY QUA	ETHOD 401/25/2 FIERS EXIST GORATORY OF H TE DOES NOT MEET DES NOT MEET FOLLOWING C COPROPANE	012 SEE OW003117.M FOR THE DATA THAT TYGIENE (WSLH) SAM NEET THE LOWER QC THE LOWER QC LIMI THE UPPER QC LIMI THE UPPER QC LIMI COMPOUNDS HAVE THE QUALIFIER THE AT 11. UG/L. IS NOT ACCREDITED TACT STEVE GEIS AT	MM1 IS REPORT PLE OW0031: LIMIT INDIC T INDICATE T INDICATE SE QUALIFIT	ED FOR 17. CATED BY D BY *MSL D BY *MSU ERS:	•
Code Des 77562 1,1, 34506 1,1, 34516 1,1, 34511 1,1, 34496 1,1-	<i>cription</i> 1,2-TETRACHLOROETHA 1-TRICHLOROETHANE 2,2-TETRACHLOROETHA 2-TRICHLOROETHANE DICHLOROETHANE	NE NE	Result Units ND UG/L ND UG/L ND UG/L ND UG/L ND UG/L	LOD 0.20 0.15 0.15 0.15 0.15	Report Limit	<i>LOQ</i> 0.66 0.50 0.50 0.50 0.50
34501 1,1-	DICHLOROETHYLENE		ND UG/L	0.15		0.50

Laboratory Report

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Code	Description	Result	Units	LOD	Report Limit	LOQ
77168	1,1-DICHLOROPROPENE	ND	UG/L	0.15		0.50
77613	1,2,3-TRICHLOROBENZENE	ND.	UG/L	0.15		0.50
77443	1,2,3-TRICHLOROPROPANE	ND	UG/L	0.15		0.50
34551	1,2,4-TRICHLOROBENZENE	ND	UG/L	0.15	,	0.50
77222	1,2,4-TRIMETHYLBENZENE	*MSU 14.	UG/L	0.15		0.50
38437	1,2-DIBROMO-3-	* ND	UG/L	0.20		0.66
77651	CHLOROPROPANE 1,2-DIBROMOETHANE	ND	UG/L	0.15		0.50
34536	1,2-DICHLOROBENZENE	ND	UG/L	0.15		0.50
34531	1,2-DICHLOROETHANE	*MSL ND	UG/L	0.15		0.50
77093	1.2-DICHLOROETHYLENE CIS	ND	UG/L	0.15		0.50
34546	1.2-DICHLOROETHYLENE TRANS	ND	UG/L	0.15		0.50
34541	1.2-DICHLOROPROPANE	ND	UG/L	0.15		0.50
77226	1 3 5-TRIMETHVI BENZENE	*MSU 4.3	UG/L	0.15		0.50
34566	1 3-DICHI OPORENZENE	ND	UG/I	0.15		0.50
77173		ND		0.15		0.50
24704	1,3-DICHLOROFROTANE	ND		0.15		0.50
24600	1.2 DICHLOROFROFENE TRANS	ND		0.15		0.50
34099	1,5-DICHLOROPROPENE-IRANS			0.15		0.50
345/1	1,4-DICHLOROBENZENE		UG/L	0.15		0.50
77170	2,2-DICHLOROPROPANE	* ND	UG/L	0.15		0.50
77275	2-CHLOROTOLUENE	ND	UG/L	0.15		0.50
34030	BENZENE	*MSU 7.2	UG/L	0.15		0.50
81555	BROMOBENZENE	ND	UG/L	0.15		0.50
77297	BROMOCHLOROMETHANE	ND	UG/L	0.15		0.50
32101	BROMODICHLOROMETHANE	ND	UG/L	0.15		0.50
32104	BROMOFORM	ND	UG/L	0.15		0.50
34413	BROMOMETHANE	ND	UG/L	0.15		0.50
77350	BUTYLBENZENE SEC	ND	UG/L	0.15		0.50
77353	BUTYLBENZENE TERT	ND	UG/L	0.15		0.50
32102	CARBON TETRACHLORIDE	ND	UG/L	0.15		0.50
34301	CHLOROBENZENE	ND	UG/L	0.15		0.50
34311	CHLOROETHANE	ND	UG/L	0.15		0.50
32106	CHLOROFORM	ND	UG/L	0.15		0.50
34418	CHLOROMETHANE	ND	UG/L	0.15		0.50

Laboratory Report

8/2012	Lab: 113133790	Sample:	UW00311	1		Page 3 o
	· · · · · · · · · · · · · · · · · · ·	· · · · ·				. *
Code	Description	Result	Units	LOD	Report Limit	LOQ
32105	DIBROMOCHLOROMETHANE	ND	UG/L	0.15		0.50
77596	DIBROMOMETHANE	ND	UG/L	0.15		0.50
34668	DICHLORODIFLUOROMETHANE	ND	UG/L	0.20		0.66
34371	ETHYLBENZENE	*MSU 15.	UG/L	0.15		0.50
34391	HEXACHLOROBUTADIENE	ND	UG/L	0.15		0.50
77223	ISOPROPYLBENZENE	0.50	UG/L	0.15		0.50
85795	M/P-XYLENE	*MSU 42.	UG/L	0.15		0.50
78032	METHYL TERT BUTYL ETHER	ND	UG/L	0.15		0.50
34423	METHYLENE CHLORIDE	ND	UG/L	0.15		0.50
77342	N-BUTYLBENZENE	1.2	UG/L	0.15		0.50
77224	N-PROPYLBENZENE	2.6	UG/L	0.15		0.50
34696	NAPHTHALENE	*MSU 2.7	UG/L	0.15		0.50
77135	<b>O-XYLENE</b>	*MSU 14.	UG/L	0.15		0.50
77277	P-CHLOROTOLUENE	ND	UG/L	0.15		0.50
77356	P-ISOPROPYLTOLUENE	ND	UG/L	0.15		0.50
77128	STYRENE	ND	UG/L	0.15		0.50
34475	TETRACHLOROETHYLENE	ND	UG/L	0.15		0.50
34010	TOLUENE	*MSU 33.	UG/L	0.15		0.50
39180	TRICHLOROETHYLENE	ND	UG/L	0.15	•	0.50
34488	TRICHLOROFLUOROMETHANE	ND	UG/L	0.15		0.50
39175	VINYL CHLORIDE	ND	UG/L	0.20		0.66

Analysis Method	Analysis Date Lab Commen	ıt					
OCS IN WATER BY GC/MS - PREP - EPA ME01/25/2012							
Code Description	Result Units	LOD	Report Limit	LOQ			
99299 PREP VOCS IN WATER GC/MS	COMPLE						
MIETHOD 524.2				1			

Analysis Method		Analysis Date Lab Comment					
TEM	PERATURE ON RECEIPT-ICED - O950	01/18/2012					
Code	Description	Result Units	LOD	Report Limit LOQ			
136	TEMPERATURE AT LAB	ICED		9999999			

### 03/08/2012

Laboratory Report

03/08/2012		Lab: 113133	3790	v	Sample:	IW011847			Page 7 of a
Laboratory	• W	isconsin State Laboratory	y of Hygie	ne			DNR ID	113133790	
	26	601 Agriculture Dr							· . ·
	M	adison	WI	53718					
	Ph	hone: 800-442-4618	Fax PF	ione: 608-2	24-6213				
Sample:				·					
,	Field #·	RADKE-BARN			<sup>1</sup>	Sample #·	IW011847		
Collection	Start	01/17/2012 05:15 pm			Col	lection End	10011047		
Collec	ted hv	HEINEN		I	Naterhod	h/Outfall Id·			· · ·
001100	ID #	PU664		,	, arei oou	ID Point #·			
0	County.	Outagamie				Account #	DH060		
Sample Lo	cation:	N8446 COUNTY ROAL	D F. SHIC	OCTON			211000		
Sample Desci	rintion:	BARN FAUCET							
Sample 2 esei	Source:	Private (other)			Sa	mnle Denth			
Date Re	norted.	02/06/2012			. Sa	mple Status	COMPLETE	1	
Proi	iect No:	02/00/2012			San	inpre Starius. Inle Reason	COMPLETE	•	
1705					Juii	ipic neuson.			
Analyses ar	nd Res	ults:		4 1 1 2		7			
Analysis I	Method		· .	Analysis Da	te Lab (	Comment			
ARSENI	<b>[C, AA</b>	FURN (SM 3113B)		01/31/2012					
Code I	Descrip	tion			Result	Units	LOD	Report Limit	LOQ
<b>1002</b>	ARSEN	IIC TOTAL	· ·		ND	UG/L	1		3
		· · · · · · · · · · · · · · · · · · ·			т I /	7			
Analysis I	Method			Analysis Da	te Lab (	Comment			
IRON, U	J <b>NDIG</b> ,	ICP (EPA 200.7)		01/24/2012					
Code I	Descrip	tion			Result	Units	LOD	Report Limit	LOQ
<u>1045</u> 1	IRON 7	FOTAL			0.1	MG/L	0.1		0.3
Anahusis	Mathad			Anabusis Da	ta Lah (	Commont			
Analysis	meinou			Anaiysis Da	ie Lub	Jommeni			
LEAD, A	AA FUI	RN (SM 3113B)		01/24/2012					
Code 1	Descrip	tion			Result	Units	LOD	Report Limit	LOQ
1051	LEAD				ND	UG/L	1		3
Analysis .	Method			Analysis Da	te Lab (	Comment			
MANGA	NESE	LINDIG ICP (FPA 200 '	7)	01/24/2012					
Code	Decovin	tion	')	VI/27/2VI2	Rogalt	Unite	מסז	Ronort I imit	100
1055	ΜΑΝΓ	ANESE			10 6	UG/I	10	hepori Linili	30
1055					10.0	00/2	1.0		5.0
Analysis .	Method		<u></u> .	Analysis Da	te Lab (	Comment	<del></del>		
NITRAT	FE + NI	ITRITE (AS N) (EPA 353	.2)	01/20/2012					
Code	Descrin	ption	,		Result	Units	LOD	Report Limit	LOO
630	NITRO	GEN NO3+NO2			ND	MG/L	0.30		1.00
Analysis .	Method	!		Analysis Da	te Lab	Comment			

Laboratory Report

08/2012	Lab: 113133790		Sample:	IW011847	1 ·		Page 8 oj
				<u></u>		· · · · · · · · · · · · · · · · · · ·	
NICKEL,	, UNDIG, ICP (EPA 200.7)	01/24/2012					
Code D	Description		Result	Units	LOD	Report Limit	LOQ
1067 N	ICKEL ICP	·	ND	UG/L	1		3
Analysis M	lethod	Analysis Da	te Lab (	Comment			
SELENIU	JM, AA FURN (SM 3113B)	01/25/2012					
Code D	Pescription	· .	Result	Units	LOD	Report Limit	LOQ
1147 SI	ELENIUM	12 	ND	UG/L	1		3
Analysis M	lethod	Analysis Da	te Lab (	Comment		· · · · · · · · · · · · · · · · · · ·	
TURBIDI	TY SCREENING FOR SDWA META	L01/19/2012					
Code D	escription		Result	Units	LOD	Report Limit	LOQ
99197 T	URBIDITY METALS SCREENING	· .	<1.0	NTU		1	
Analysis M	lethod	Analysis Da	te Lab (	Comment			
TEMPER	ATURE ON RECEIPT-ICED	01/18/2012					
Code D	escription		Result	Units	LOD	Report Limit	LOQ
136 T	EMPERATURE AT LAB		ICED	С		0	

#### State of Wisconsin

### CORRESPONDENCE/MEMORANDUM

DATE: Jan 17, 2012

TO: File-OUT Co/Deer Creek

FROM: Liz Heinen-DNR DG

SUBJECT: Reported gas in well water-Shiocton

Mark & Kelly Radke WUWN: <u>PU664</u> N8446 County Road F Shiocton WI 54170 (715) 752-4866 Kelly's cell: (715) 250-2388 Lot 1, NW NW Sec. 24, T24N-R15E

-Called DNR Friday, Nov. 13, 2012. Told to not drink the water and collect a water sample. -Tuesday, Nov. 17<sup>th</sup> DNR Dg called Kelley Radke:

-Record of gas tank removed in 1986 (275 gallon, leaded gas). At that time no site assessment was required.

-Radke family purchased the property ~15 years ago, Nov 1996. (O'Connor Sales & Realty)

-Previous owner, Pat McClone, died last year.

-Water from barn smells like gas. House seems fine.

-Well is 253' deep.

-During the summer of 2011 the barn water had an odor.

-About two months ago (Oct? Nov 2011??) the barn water really smelled like gasoline and it has progressively gotten worse. Now "you can see it on top" of the water...a sheen to the top of the water? -There are six people in the home: Mark & Kelly, with four kids (ages 2, 4, 15, 16).

-They have ~20 animals in the barn: donkeys, llamas, horses, pigs, chickens.

-They had a female dog that was kept out in the barn for the past 1.5 months to breed with a male dog out there and she was having illness issues. The vet's performed surgery and when they "opened her up they found the kidneys were twice the normal size" so they closed her back up again.

They had a donkey die a few weeks ago, and two buffalo died. (The buffalo drink from a water line that goes to the garage, not the barn.)

-Kelly called Clean Water Testing and a well driller. They both told her "not to bother" to sample the water because if you can smell it you have it. It wasn't worth spending the money on. I advised her that it is worth sampling because: it can confirm or negate whether there indeed is gasoline contamination (some things will smell like gas, which are not); and sample results could indicate how serious the contamination is and if the water poses other hazards (dermal contact, explosion, etc.)

-Kelly got a test kit from T&G in Greenville and tested the house water (to ensure the house water really was okay). She paid \$125 for the test kit and she won't have the results for two weeks.

Roxanne Chronert/Tom Sturm-DNR R&R Program

-Sample. If samples detect contamination the homeowners are required to notify DNR (Diane Hansen). Wait for confirmation to report the release.

-An RP letter will be sent to them.

-If the tank pull was not disclosed when they purchased the property they can have a civil action between the parties involved.



> chaps myhide Dhotmail.com 1/31/2011 4:50pm coulded keely arresults

-If they purchased the property they are in possession and control and are identified as the Responsible Party. It is their obligation to report it and resolve the problem.

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-Any emergency water costs, etc. that we provide would be cost recovered back from them as an RP...so it is best to have them find the most economical way to provide this.

-If they cannot afford emergency water we need to provide documentation to prove it, but they will be cost recovered.

-Best contact for PECFA info: Tom Verstegen, 424-0025 or Beth Erdman 303-5410 Tom Sturm can assist with the process: 715-526-4230

-Well Comp info/PECFA info.

-Well: Drilled 1962...Schaefer WD..254' deep (into "rotten granite"), 209' casing pipe...OU6288. -Old well on property abandoned by McClone himself in 1996-20' deep, 2' diameter well, poured 1 sack concrete.

-Provided homeowner: info and contacts on PECFA, Well Comp, well log, well ab. report, WUWN

→Notes

 $\rightarrow$ location

 $\rightarrow$ Well logs, well ab reports

→Lab forms, sample kits

### WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH See Instructions on Reverse Side

				1
1. County Outagamie		Village Deer Creek	PEC	EHED
N. W. Of N.	W. of Section 24	Temship 24 North Range	15 Eact	
2. Location Name of	street and number of premi-	se or Section, Town and Range number	rs pres	for the second
8 Ormor Stor Agent E	Partrick W. McGlo	THES' ETM	DE	12 O Staff
5. Owner Lior Agent []	Name of individual	, partnership or firm	h-1-	
4 Mail Address	Route # 1 Shioctor	, Wisconsin	E N /	· · · ·
	Complete ad	dress required	V	
5. From well to nearest: Buil	ding5_ft; sewer_	25_ft; drain_25_ft; septi	c tank351	ft;
7		المراجب والمراجع المراجع	•	
dry well or litter bed.3342.	It; abandoned wen	164_ <u>01198_00105</u>		
6. Well is intended to supply	water for: Farm	come & barn		
7. DRILLHOLE:		10. FORMATIONS:		
Dia. (in.) From (it.) To (it.) Dia. (	(iz.) From (ft.) To (ft.)	Kind	From (ft.)	To (ft.)
10 0 20 6	20 254	Clev.		24
		<u> </u>		
		<u>Sano</u>	, 24	1. 33
8. CASING AND LINER P	IPE OR CURBING:	Clay	33	143
Dia. (in.) Kind and Weight	From (it.) To (it.)	Sand	143	145
6 Steel pipe	0 209	Clay	145	148
		Sand	148	150
		Boulder	150	153
9. GROUT:		Con and A handhard	100	300
Kind	From (ft.)   To (ft.)	Gravel & naroban	151	1.1.3
		Glay & sand	<u> </u>	
Clay puddle		Solid sandrock	209 as conventitiested	245 m254
			as compresed	, , , , , , , , , , , , , , , , , , ,
11. MISCELLANEOUS DA	TA:	<u>Cctober 10</u>		19.62
Yield test:4 Hrs. a	at 15 GPM.	The well is terminated	10	inches
		£ above, below 🗌 the per	manent groun	d surface.
Depth from surface to water-	level: ft.	Won the well disinfected u	non commisti	
Water-level when pumping: _	15 ft.	Was the well districted o	ipon completio	лц :
		Į Y	esA N	0
water sample was sent to the	state laboratory at:	Was the well sealed water	tight upon co	mpletion?
Oshbosh MADISellon _[	2 - 12 1962	v	es X N	0
Cuy				
		The state of the TPC +		
Registered Well 1	<u>C_DURNUs</u> Driller	Complete Ma	il Address	
	Please do not wi	rite in space below		
Bec'd	No 46211	10 ml 10 ml	10 ml 10 m	al 10 ml
A		Can Ot have		
Ans d SAFE-BA	CTERIOLOGICALI	<b>U88-24</b> nrs		
Interpretation		48 hrs	,	
· • • • • • • • • • • • • • • • • • • •		Confirm	·	
6288				
¥	ى ئۆك ئۈك ئۈك ئۈك ئۈك ئۈك ئۈك ئۈك ئۈك ئۈك ئۈ	D. COL		- <u></u>
· · · · · · · · · · · · · · · · · · ·		Exam	iner	

\* State of Wisconsin Department of Natural Resources

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WELL/DRILLHOLE/BOREHOLE	ABANDONMENT
Form 3300-5B	Rev. 8-89

1.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(Z) FACIL	JTY NAME		
Well/Drillhole/Borehole	Ourag amie	Pa			lone
NW 1/4 of NW1/4 of Sec. 24	; T. 24 NR 15	Present	Well Owner	Some	
(If applicable) Gov't Lot	Grid Number	Street of N	8446	C.R	d F=
	• [] E. [] W	City.	ine, Zip God		54170
Civil Town Name	*** L1 L1	Facility	Well No. and	Vor Name (II Ap	plicable) WI Unique Well No.
Street Address of Well	F	Reason	For Abandon	imen	
City Village	54170	Date of	Abandonmen	tans	5/20/06
		<u> </u>		1100	
WELL/DRILLHULE/BUREHULE		In Durch			
Conginal Well/Drimole/Borenole Cor	struction Completed Un	(4) Deput	o water (ree	"	
(Dec) Unknow	-h	Pump d	k Piping Rem	ioved?	es No Not Applicable
		Liner(s)	Removed?		Yes No V Not Applicable
Monitoring Well	construction Report Available?	Screen	Removed?	· 🗖 s	(a No No Not Applicable
Water Well	U va U va	Casing	Left in Place?		
		If No. B	xplain		
Bombole			-		
	· .	Was Ca	sing Cut Off	Relow Surface?	
Construction Trunce		Did See	line Meterial	Dire to Surface?	
Driven (S	andpoint)		NGTIAL SCUC A	IUST 24 MOURS?	
U Other (Specify)				coppea/	
		6) Require	d Method of P	<b>Jacing Sealing M</b>	aterial
Formation Type:			fuctor Pipe.G		anductor Pine Dummed
Unconsolidated Formation	Bedrock		- Deiler		Share (Translation)
<b>MANNER</b> 4(0) 10 C	24				Adder (Expand) 1-10 (C/Ac(
		(0) Selling			For monitoring wells and
(From groundsurnice)		LA New	t Cement Gro	UL	monitoring well boreholes only
· · · · · · · ·			l-Cement (Co	ncrete) Grout	· · · · · · · · · · · · · · · · · · ·
Casing Depth (ft.)			crete		Bentonite Pellets
			-Sand Sharry	1	Granular Bentonite
Was Well Annular Space Grouted?	Yes No Unknown	🛛 🖬 Beni	tonite-Sand Sl	шту ;	Bentonits - Cement Grout
If Yes, To What Depth?	Feet	Chip	ped Bentonite	, I	
			1	No. Yards.	
(/) Sealing Material	Used	From (Ft.)	To (FL)	Sacks Sealant	Mix Ratio or Mud Weight
				or Volume	
		Surface	24		
CEAliete			8 G	Back	·
			1		
· · · · · · · · · · · · · · · · · · ·					
(8) Comments:					
(9) Name of Person or Firm Doing-Sealing	g Work	(10)	.FOR	DNR OR CO	UNTY USE ONEY
Haster le Malla	ne l	Dete	Received	diad	District/County
Signature of Person Doing Work	Date Signed	ſ	لمدلك		
P.L. 1 mell	5-2291	Revie	wer/minecto	<u></u>	115 0.00
Street or Route	Telephone Number	<b>.</b>	* · · · · · · · · · · · · · · · · · · ·		
NRHULCTUE	(4)4)	1. h			
	· · · · · ·	E LONG		<b>-y</b>	
		<u> </u>			<u>.                                    </u>
_ Shieldy WI 591					067213
	Date:				

Tenertment of Natural Resources				CDOUN	TOWATED MONT	ODDIC		6/5
Department of Matural Resources				Form 330	0-67	ORING	INVENI	Rev. 12-92
Wisconsin Unique Well Num	Pl	<b>J66</b> 4		Add 🗆	Change .			
Inventory Completed By (Last	Name, Firs	ι, MI)		Date	change	With		
<u> </u>	<u> </u>			$- \frac{\hat{D}}{m} \frac{1}{m} \frac{1}{d}$	$\frac{7}{4}\frac{2}{y}\frac{2}{y}\frac{1}{y}\frac{2}{y}$		ONR	
<b>T 111</b>				•	· · · ·	Facility ]	ID#	
Name			· · · · · · · · · · · · · · · · · · ·			Local W	ell ID	
						High Ca	p Well #	
Primary Contact Name (Last, Firs	ι, MI) ΛΛ Δ	DI Ż	kÐtv			Pr Dwm	uar.	D Detter
Telephone Number		<u> </u>					rator	Business
(715) 175	<u>2-4</u>	-866					upant	Facility
N8444	( CX AU	M A	n F				sultant ader	C Sampler
City	1		Stat	c.	Zip Code	Cont	tractor	
Other Contact Name (Last, First,	) MI)				<u></u>			
			·			D Own	er	Driller
Telephone Number	· . •		•		•		rator	Business
Mailing Address			······································				upant sultant	D Sampler
				·		D Mana	ager	Other
City	· · ·		State	<b>3</b>	Zip Code	Cont	ractor	`
Well Location		<u> </u>				(X) 1/4 1	1/4 Sec.	
Town City Village	Fire # (If a	evail.)	County	AITAAA	AA IE		Loca	ation
Grid or Street Address or Road (	f avail.)		OR	.01.10.1				
			Govt. Lot	I				
			NINI/4 n	<sub>fN</sub> N <sub>1/4 r</sub>	of Section 24	w		E
Subdivision Name	Lot	Block	A1	····				
	l		T_24N	.; R				
Drilled L	Dug		UR Latitude	Dag.			<ul> <li>▲ – M</li> </ul>	ilc
Driven Point	Spring		Longitude				-	
_ Jetted _	Une		Land Surface		ft US	r of Wells	on Proper	ty
Construction Date			Elevation	Well Use				
12/12	119	62	•	📈 Private	e Potable	🛛 Com	munity-l	Aunicipal
m m d d	<u>y</u> y	<u>y y</u>		Priv. N	on-Potable		munity (	)TM • Non Com
R.J. SCHA	FER	FSCN	2		ning men		sient No	n-Com.
Source of Well Data				A11 +			Well	Status
Depth From Land Surface To	Uwner/Cas	Iccupant	Water Ber	Utner <sup>*</sup>	1		<b>Y</b> \	Active Use
Bedrock <u>203</u>	ft	0		UU.	Sandstone			Inactive
Well Bottom 254	ft	<u></u> i	n. Unc	onsolidated	☐ Šhale			
Static Water $+ 10$ Casing Bottom $-209$	ft			estone	U Urystalline			rerm Filled
Comments: eg. Reason for invent	ory, Samp	les taken, Di	rections to pro	perty, Details o	of well location on prop	erty.	1	
A11 10288 SI	ahnri	J Daga	<b>A</b>	<u></u>	<u></u>	<u> </u>	<u></u>	

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\*For "Other", enter a description in the comment area if needed.

WISCO Source	NSIN UN	IQUE WELL NUMBE	ER ON		K	X391		State of Wi-Private Wat Department Of Natural	er Systems-l Resources, I	DG/2 Box 7921	Form 330 (Rev 02/0	00-77A 02)bw
Property WA	AGENSON,	GERALD		Tele	ephone	715 -75	2-4402	1. Well Location		Dep	oth 464	FT
Mailing -WS	9047 CTY F			Nur	nber			T=Town C=City V=V T of DEER CREE	'illage EK		Fire# W	9047
City BEAR	CREEK	S	tate		p Code	54	922	Street Address or Road	Name and N	lumber		
County of W	/ell Location	NE Co Well Pe	rmit No	w	ell Cor	npletion Da	te	Subdivision Name	Kert .	Lot#	Block #	
45 0	UTAGAMIE	W	R. Sample	Change and	Sep	tember 13,	1996	r / T	Sector Contraction of			
Well Constru LUISIER V	uctor VELL DRILL	ING INC	icense # 157	Facility	D (P	ublic)		Gov't Lot	or S	W 1/4 of	SW	1/4 of
Address 7391 S PO	RCUPINE L	AK		Public	Well P	lan Approva	al#	Section 24 T	24 N	<sup>R</sup> 15 E		
City		State Zip	Code	Date O	f Appr	oval		2. Well Type	1 (Se	e item 12 below	v)	
Hicap Perma	anent Well #	Common Well	#	Specifi	c Capa	city	с.	1=New 2=Replac	ement 3=	Reconstruction	×	
	1			0		gpm/ft		of previous unique wel	l #	constructed	in <u>0</u>	•
3. Well Serve	es # of h	omes and or				High Capac	ity:	Reason for replaced or n	econstructed	1 Well?		
P M=Munic O=O1	eg TM N=NonCom P	g: barn, restaurant, church, sc =Private Z=Other X=NonPot A=And	ode L=Loo	op H=Drillh	iole	Property?	N <sup>ala</sup> linger (process)	<b>1</b> 1=Drilled 2=Driver	Point 3=Jet	ted 4=Other	A.	
4. Is the well	located upslop	e or sideslope and not downs	slope fro	m any co	ontami	nation sourc	es, includin	g those on neighboring pr	operties?	Y		
Well located Distance in fee	d in floodplain et from well to	nearest: (including proposed	d)	9	0 Dev	vnspout/Ya	rd Hydrant	- arsiel	17. W	astewater Sump	) 	
1	. Landfill			1	1 For	ndation Dra	in to Cleary	vater	18. Pa	ved Animal Ba	helter	
<b>50</b> 2	2. Building	Overhang		1	2. Fou	indation Dra	in to Sewer		20. Si		nenei	
75 3	3. 1=Sep	tic 2= Holding Tank		1	3. Bui	lding Drain		A CONTRACTOR OF STREET	21. Ba	rn Gutter		
300 4	<ol> <li>Sewage A</li> <li>Nonconfo</li> </ol>	bsorption Unit		,	4 D.	1=Cast Ire	on or Plastic	2=Other	22. M	anure Pipe	l=Gravity 2	2=Pressure
5	Buried Ho	mining Fit		1	4. Dui	1=Ca	st Iron or P	lastic 2=Other	23. Ot	1=Cast iron her manure Sto	or Plastic 2 rage	2=Other
7	Buried Pe	troleum Tank		1	5. Col	lector Sewe	r: units	in . diam.	24. Di	tch	U	
8	3. 1=Sho	reline 2= Swimming Pool		1	6. Cle	arwater Sun	np		25. Ot	her NR 812 Wa	aste Source	
5. Drillhole D	Dimensions ar	nd Construction Method	le a la	Lowe	er Oper	Bedrock	Geology	8. Time Coving/Nonco	Geology	Uandraga ata	From	n To
Dia.(in.) (ft)	om 10 ) (ft)	X 1. Rotary - Mud Circ	culation				Codes	SANDY CLAY	ving, Color,	Hardness, etc	(ft.) 0	(ft.)
0.0	001	2. Rotary - Air									115	132
0.0 surfac	ce 261	3. Rotary - Air and I	Foam	mmer							132	261
6.0 26	61 464	5. Reverse Rotary	asing ma	unner				CLAT @ STONES			261	201
		6. Cable-tool Bit _	n. c	lia		•	N_ 3	SANDSTONE			201	270
	_	7. Temp. Outer Cas Removed ?	ing _	in. dia	a	_ depth ft.	Q_ (	3RANITE			270	464
( Curley Li		Other				T						
Dia. (in.)	ner Screen Mai	Material, Weight, Specification nufacturer & Method of Asse	on embly	Fro (ft	om .)	10 (ft.)						
6.0	NEW P E	18 97 SAWHILL A53		surfa	ice	261						
				1.1								-
							9. Static	feet <b>B</b> ground surfa	ice	11. well is:	12 in.	A Grade
							10 5	A=Above B=	Below	Developed?	Y	A=Above B=Below
Dia.(in.)	Screen	type, material & slot size		Fror	n	То	10. Pump Pumpin	Test g level 360.0 ft. bel	ow surface	Disinfected?	Y	
2.1()						1	Pumpi	ng at 1.0 GP M	3.0 Hrs	Capped?	Y	
7 Grout or C	Other Sealing	Material					12. Did yo	ou notify the owner of the	need to per	manently aband	on and fill a	all
Method	siner seamly	attri ini		From	То	# Sacks	unused we	lls on this property? blain				
	Kind of S	ealing Material		(ft.)	(ft.)	Cement	13. Initials	of Well Constructor or S	upervisory I	Driller	Date Si	gned
	DRILL	CUTTINGS		surface	261.	0				JM		1/15/97
						_	Initials of	Drill Rig Operator (Man	latory unless	same as above	) Data Si	gned
							initials of	Dim tug operator (main			) Date SI	gneu

Tomotor         Depth 124         FT           Ownor         Natikar         Tomotor         Depth 124         FT           Maillar         Free         Nasse         Tomotor         Depth 124         FT           Maillar         Free         Nasse         Free         Free         Nasse         Free         Nasse         Free         Free         Free         Free         Nasse         Free         Nasse         Free         F	WISCO Seurce	WISCONSIN UNIQUE WELL NUMBER Seurce: WELL CONSTRUCTION NO542							State of Wi-Private Water Systems-DG/2Form 3300-77ADepartment Of Natural Resources, Box 7921(Rev 02/02)bwMadison WI 5370753707				
Totaling         Particle	Property DC	UGLAS, BRIAN & GWEN		Te	elephone	715 =75	2 <b>—</b> 3499	1. Well Location		Dep	th 124	FT	
Elify     SHOCTON     Sale with     Zp Code     54170     Stack Mans and Number       Corrently of Wall Leadian     NE     Co Wall Competition Date     July 14 20 CD     Stack Wall Competition Date     July 14 20 CD       Vall Comparison     Landow     Patality D (PR0k)     Stack W D (PR0k)     Govi Lot     or SW 1/4 of NW     1/4 of 1       Address     Stack W D (PR0k)     Patality D (PR0k)     Govi Lot     or SW 1/4 of NW     1/4 of 1       Address     Falsty D (PR0k)     Patality D (PR0k)     Govi Lot     or SW 1/4 of NW     1/4 of 1       Address     Falsty Elif D (PR0k)     Section 24 T 24 N R 15 E     Govi Lot     or SW 1/4 of NW     1/4 of 1       Address     Falsty Elif D (PR0k)     Section 24 T 24 N R 15 E     Elif NW 1/4 of 1     Section 24 T 24 N R 15 E     Section 24 T 24 N R 15 E       New Location Not Mall     Specific Capacity     Pathic Well Inducty, etc.     Pathic Well	Mailing N8	358 COUNTY ROAD F	<u>.</u>		umoci			T=Town C=City T of DEER C	V=Village REEK		Fire# N83	358	
Construction         NE         Construction         Low         Block #           Vel1 Competition         Losense H         Excelling DI (Ph9Hile)         Gov/L Loc         or SW         1/4 of NW         1/4 of NW           Vel1 Competition         287         Pablic Wall Plan Approval         Section         24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 N         24 T         24 N         R         15 E           MS072 HVHIZER PD         Section 24 N         Section 24 N         24 N         R         16 N         NW         17 N         16 N         NW         17 N         16 N         NW         17 N         17 N         17 N         15 N         NM         17 N         17 N         NM         17 N         16 N <td>City SHIO</td> <td>CTON</td> <td>State</td> <td>WI</td> <td>Zip Code</td> <td>54</td> <td>170</td> <td colspan="5">CTY RD F</td> <td></td>	City SHIO	CTON	State	WI	Zip Code	54	170	CTY RD F					
Well Contraction       Letters # Pacificly 10 (Public)       GoV1 Lett       cr       SW 1/4 of NW 1/4 of NW 1/4 of SW 1/4 of NW 1/4 of NW 1/4 of SW 1/4 of NW	County of W 45 O	Vell Location NE UTAGAMIE	Co Well Permit N W	ĮO į	Well Con J	npletion Dat luly 19, 200	te DO	Subdivision Name		Lot#	Block #		
HIN TARE WILL DRULTING INC.       267         Maddese       Public Well Plan Approval#         NEOUZ HINTEXE RD       Data Of Approval         NEW Common Well #       Specific Capacity         New Common Well #       Specific Capacity         7       growth         3. Well Serves # of homes and or HOME       Property N         P       (c) Earn, returner, dawate r-taxa tertaxy tertable to the oblight of the o	Well Constru		License	# Facil	ity ID (Pu	ublic)		Gov't Lot	or	SW 1/4 of	NW	1/4 of	
Net/2 FINTZKE RD       Date Of Approval       2. Well Type       2. Section 12 below)         NEW CONDON       WI       54961       2. Well Type       2. Section 12 below)         1: Ridge Formation Well #       Specific Capacity, 7       gm/ñ	Address		207	Publi	ic Well Pl	lan Approva	ıl#	Section 24	т 24 №	<sup>R</sup> 15 E			
New LoadDON       Will 54465       Description         Heap Yemantell Well #       Common Well #       Specific Capacity         James Serves       # of homes and or HOME       Previous unique well #       Construction         J. Well Serves       # of homes and or HOME       High Capacity         P       (cg bar, restand, charb, elsobol, indistry, etc.)       High Capacity         Will Serves       # of homes and or Homes       22.9. Downammation sources, including from any constraintation sources, including properties?       Y         1       Landrill       Including Overhang       22.9. Downammation sources, including from any constraintation sources, including properties?       Y         1       Landrill       1       Free data into Elsory       Property? N         1       Londrill       1       Free data into Elsory       Property? N         1       Londrill       1       Free data into Elsory       Property? N         1       Lo	N5072 HIN	ITZKE RD	tate Zin Code	Date	Of Appr	oval		2. Well Type	2 (	See item 12 helou	21		
HKERP Permainent Well #       Common Well #       Specific Capacity       -	NEW LON	DON V	WI 54961	Daic	OI Appi	Uval.		1=New 2=Re	<b>Z</b> (	See Item 12 Delow	2	•	
Worll Serves         # of homes and or         HOME           P         (g: han, retarant, chech, industry, etc.)         Reason for replaced or reconstructed Well?           A. Is the well backed upshops or sideslops and not downlaps from any communation sources, including those on neighboring properties?         Y           J. Math. Board M. Nores, (including proposed)         1. Explicit from Section 1. Sectin 1. Section 1. Section 1. Sectin 1. Section 1. Section 1	Hicap Perma	anent Well # Co	mmon Well #	Spec:	ific Capa	city mm/ft		of previous unique	well #	constructed	in _0		_
3. Weil: Serves       # of nomes and of nome         9. Weil: Serves       (cgs ban, restance, durch, school, industry, etc.)         14. End, etc.       (ndustry, etc.)         14. Strike will breaked in doeshping: N       (ndustry, etc.)         15. Served a characterized spiker of school (ndustry, etc.)       (ndustry, etc.)         16. Strike will breaked in doeshping: N       (ndustry, etc.)         16. Strike will breaked in doeshping: N       (ndustry, etc.)         16. Strike will breaked in doeshping: N       (ndustry, etc.)         17. Barded Animal Ban Pen       (ndustry, etc.)         18. Paved Animal Ban Pen       (ndustry, etc.)         19. Strike Watter Mark       (ndustry, etc.)         10. Privy       (ndustry, etc.)         10. Privy       (ndustry, etc.)         10. Privy       (ndustry, etc.)         10. Privy       (ndustry, etc.)         11. Exation or Plastic 2-Other       (ndustry, etc.)         12. Strike Watter Source       (ndustry, etc.)         13. Belating Darin       (ndustry, etc.)         14. H. Balding Sever       (ndustry, etc.)         15. Ordine Darine Source       (24 Hec. Clarve etc.)         16. On prive falsered Dilibole       Lower Open Balarced Dilibole       (ndustry, etc.)         16. On pref falsered Dilib	A 11 G			./			·	Reason for replaced	l or reconstruc	ted Well?			
Metadada GootTM Metadalam Perinant Zohan Zentanda La Lago Tre-Datitud     Property? N     1     1     1     1     1     Default and an any contamination sources, including times on neighboring properties?     Y       Valid Located in Dockplin?     N     1     Downspool Y and Hydrant     17. Watewater Sump       10.     In Landfill     10.     Privery     18. Previd Animal Dam. Pen       11.     Foundation Drain to Clearwater     19. Animal Yado of Shaler       60.     1 = Spertic 2-Holding Tank     1. Contaction or Plastic 2-Other     2. Bonn Gutter       12.     Foundation Drain to Clearwater     19. Animal Yado of Shaler       13.     Balding Drain     1. Coatt foor or Plastic 2-Other     2. Manne Pipe       14.     Balding Drain     1. Coatt foor or Plastic 2-Other     2. Manne Pipe       15.     Storelline 2- Swimming Pool     24. 16. Clearwater Sump     25. Other Tause Storeg       5.     Drillabet Dimensions and Coartraction Methad     Locart foor or Plastic 2-Other     2. Manne Pipe       6.0     surface     124     Lecart foor or Plastic 2-Other     2. Manne Pipe       6.0     surface     124     Lecart foor or Plastic 2-Other     2. Manne Pipe       6.0     surface     124     Nother     1. Coatt foor or Plastic 2-Other       6.0     surface     1. A Grade Smaler	3. Well Serve	es # of nomes and or r (eg: barn, restauran	t, church, school,	industry,	etc.)	Well?	N						
4. Is the well becade upspoper sidestops and not downslops from any contamination sources, including those on neighboring properties? Y       Y         Well located in Jeck From Will to charst: (including proposed)       1. Eandfill       29. Downspout Yard Hydrat:       18. Paved Animal Barn Pen         1.1 Eandfill       10. Privy       18. Paved Animal Barn Pen       19. Animal Yard of Skelter         1.6 2. Building Overhang       10. Privy       18. Paved Animal Barn Pen         1.6 2. Suiding Overhang       10. Privy       18. Paved Animal Barn Pen         1.6 2. Suiding Tank       19. Contation Drain to Cherwater       19. Animal Yard of Skelter         2. So Nonconforming Pit       14. Foundation Drain to Sever       20. Sio         3. Building Overhang       11. Contation Contain to Sever       20. Barn Outer         5. Nonconforming Pit       44. 14. Building Sever. 1. In-Gravity 2-Pressure       21. Detroit Paste 2-Other         8. 1=Shoreline 2= Swimming Pool       24. 16. Clearwater Sump       23. Other NR 812 Waste Source         5. Drillhoet Dimensions and Construction Method       Lower Open Bedrock       Geology *       Geology *         6.0       surface       124       1. Cashwater Stamp       22. Other NR 812 Waste Source         6.1. Surface Mathod IB.       n. dia       depth ft.       -       -       -       -         1.0	M=Munic O=OI	TM N=NonCom P=Private Z=Other X=	NonPot A=Anode L=L	.oop H=Dri	llhole	Property?	N,	<b>1</b> 1=Drilled 2=Dr	riven Point 3=.	Jetted 4=Other			
Well boaled in heodel in heod	4. Is the well	located upslope or sideslope an	id not downslope f	rom any	contamin	ation source	es, includin	g those on neighborir	ng properties?	Y			_
1. Landfill       10       From       10       Foundation Drain to Clearwater       10. Fave	Well located Distance in fee	d in floodplain? N et from well to nearest: (includi	ing proposed)	22	9. Dow	/nspout/ Yai	rd Hydrant		17.	Wastewater Sump			
16 2. Building Overhang       11. Foundation Drain O Seaw watch       19. Anilina 1 at 0 at Select         16 2. Building Overhang       11. Foundation Drain O Seaw       19. Anilina 1 at 0 at Select         17 64. Sewage Absorption Unit       1. Boundation Drain O Seaw       20. Silo         18. Building Drain       1. Called to or Plastic 2=Other       21. Beam Gunter         18. Building Drain       1. Called to or Plastic 2=Other       21. Beam Gunter         19. Anillar 1 at 0 at Select       22. Manuer Pige 1=Gravity 2=Pressure       21. Beam Gunter         11. Tornation or Plastic 2=Other       21. Beam Gunter       23. Other manuer Storage       24. Dich         10. at 12 a	1	. Landfill			10. Priv	y ndation Dra	in to Clean	vator	18.	Paved Animal Bar	n Pen		
60 3.     I=Septic 2=Holding Tank     11: Number New Years     20: 300       75 4. Sewage Absorption Unit     13: Building Drain     12: Number New Years     21: Bail       5. Dirich Home Heating Oil Tank     14: Building Sewer 11:Gravity 2=Pressure     22: Manure Fipe 1= Gravity 2=Pressure       6. Buried Home Heating Oil Tank     11: Cast Iton or Plastic 2=Other     23: Other manuer Storage       7. Buried Petroleum Tank     24: 16: Clearwater Sump     25: Other NR 812 Waste Source       5. Drillhole Dimensions and Construction Method     Lower Open Bedrock     Geology     5: Other NR 812 Waste Source       6. d surface     124     - 3: Retures, Ari and Foam      -       - 4. Drill-Through Casing Hammer     - 5: Reverse Rotary     -     -       - 5. Reverse Rotary     - 6: Cable-tool Bit     in: dia     -       - 6: Casing Liner Sereen Material, Weight, Specification     From     To     To       Dia (in.)     Screen type, material & slot size     From     To       Dia (in.)     Screen type, material & slot size     From     To       0.0     Lower Order Static (ft.)     From     To       120     124     124     II: Well Is: 24 in. A Grade A-Above B-Below       Dia (in.)     Screen type, material & slot size     From     To       120     124	16 2	2. Building Overhang			12 Fou	ndation Dra	un to Sewer	water	19.	Silo	nener		
75 4. Sevage Absorption Unit       I=Cast from or Plastic 2=Other       2. Manure Pipe       1=Gravity 2=Pressure         5. Nonconforming Pit       44 14. Building Sever 1 1=Gravity 2=Pressure       2. Manure Pipe       1=Gravity 2=Pressure         7. Buried Petroleum Tank       11=Cast from or Plastic 2=Other       2. Other namue Storage       2. Other namue Storage         8. 1=Shoreline 2= Swimming Pool       24 16. Clearwater Sump       25. Other NR 812 Waste Source       20. Other namue Storage         5. Drillhole Dimensions and Construction Method       Lower Open Bedrock       Geology       6. Geology       7. Cec.LAY       1         6.0       surface       124       - 1. Rotary - Main Colum       0       1       2         - 3. Rotary - Air method       Lower Open Bedrock       Geology       7. Cec.LAY       1       0       1         - 4. Drill-Through Casing Hammer       - 5. Reverse Rotary       - 6. Cable-tool Bit       n. dia       - C. CLAY       1       2         - 7. Temp. Outer Casing       in. dia       _ depth ft.       _ Casing Liner Screen       Main Cluic & Achove       _ Achove Below       10. feet B ground rurface       _ Achove Below       Die Net Casing Assembly       _ Achove Below       Die Properter       _ Achove Below       Die Signed Assembly         0.in (in)       Screen type, material & slot	50 3	3. 1=Septic 2= Holding	Tank		13 Rui	Iding Drain			20.	Barn Gutter	•		
5. Nonconforming Pit       44 14. Building Sever 1 1=Gravity 2=Pressure 1. E-Gast from or Plastic 2=Other 1. Cast from or Plastic 2=Other 1. Other 1. Depr Finlarge Dollhole Prom 1. Rotary - Air and Foam 	75 4	I. Sewage Absorption Unit			15. 040	1=Cast Irc	on or Plastic	2=Other	21.	Manure Pine	l=Gravity 2	=Pressure	
6. Buried Home Heating Oil Tank       11 PLAS from 0 Plastic 2-Other       2. Other manuer storage         7. Buried Petroleum Tank       15. Collector Sever:	. 5	5. Nonconforming Pit		44	14. Buil	lding Sewer	1 1=Grav	vity 2=Pressure	22,	1=Cast iron	or Plastic 2	=Other	
7. Burdel Petroleum Tank       8. 1=Shoreline 2= Swimming Pool       24 16. Clearwater Sump       23. Other NR 812 Waste Source         5. Drillhole Dimensions and Construction Method From To (in) (ft)       Lower Open Bedrock       Geology       8. Ceology       From To Upper Enlarged Drillhole       From To Upper Enlarged Drillhole       Image: Codes       Type, Caving/Noncaving, Color, Hardness, etc       ft       (ft,)	6	5. Buried Home Heating Oi	il Tank		15. Coll	lector Sewe	r: units	in . diam.	23.	Other manure Stor	rage		
6.       1	7	7. Buried Petroleum Tank		24	16 Cles	arwater Sun	 on		25.	Other NR 812 Wa	iste Source		
5. Drilliole Dimensions and Construction Method Prom To Upper Enlarged Drilliole Dia.(in.) (ft)       Lower Open Bedrock (ft)       Geology 5 Codes Type, Caving/Noncaving, Color, Hardness, etc. (ft)       Prom To (ft)         6.0       surface       124       -1. Rotary - Air and Foam	5	3. 1=Snoreline 2= Swim			10. 010		ap .						
Dia (in.)       (ft)       -1. Rotary - Mud Circulation	5. Drillhole D Fre	Dimensions and Construction om To Upper En	Method larged Drillhole	Lov	wer Open	Bedrock	Geology Codes	o. Type, Caving/No	Geology oncaving, Colo	or, Hardness, etc	From (ft.)	، To (ft.)	•
6.0       surface       124       X - 2. Rotary - Air	Dia.(in.) (ft	) (ft) 1. Rotar	y - Mud Circulatio	n			<u> </u>	FOPSOIL			0	1	5
and sunder       1-4       Diff Through Casing Hammer -4. Diff Through Casing Hammer -5. Reverse Rotary -6. Cable-tool Bit_n. diadepth ft. Removed ?      Z       CLAY & GRAVEL       92       110                92       110                92       110                92       110   6.0       U.S. A53 SAWHILL P.E. #1897 PER. FT.       surface       120       10.0       feet       B gound surface        A       A       Developed?       Y       B=Below         Dia.(in.)       S. S. 15 SLOT       120       124       124       10.0       feet       B gound surface <td< td=""><td>6.0 surfa</td><td>X 2. Rotary</td><td>y - Air</td><td></td><td></td><td></td><td>C</td><td>CLAY</td><td></td><td></td><td>1</td><td>92</td><td>٦</td></td<>	6.0 surfa	X 2. Rotary	y - Air				C	CLAY			1	92	٦
5. Reverse Rotary    6. Cable-tool Bitn. dia			y - Air and Foam -Through Casing I	Hammer			7.(	CLAY & GRAVEL			92	110	
		5. Reve	erse Rotary				 	SAND		•	110	124	
Removed ?       X       Other CASING HAMMER         6. Casing Liner Screen Material, Weight, Specification Dia. (in.)       From Manufacturer & Method of Assembly       From To (ft.)         6.0       U.S. A53 SAWHILL P.E. #1897 PER. FT. #1700 TEST       surface       120         9. Static Water Level       11. Well Is: 24 in. A Grade A=Above B=Below         Dia. (in.)       Screen type, material & slot size       From 120         6.0       S.S. 15 SLOT       To         120       To       124         9. Static Water Level       11. Well Is: 24 in. A Grade A=Above B=Below         10.0 feet B ground surface A=Above B=Below       Developed? Y B=Below         10. Pump Test       Pumping level 40.0 ft. below surface Pumping at 20.0 GP M 2.0 Hrs       Disinfected? Y         7. Grout or Other Scaling Material Method CASING HAMMER       From To (ft.)       Sacks Cerement       To, explain         Method CASING HAMMER       From To BAGS BENSEAL       surface       #       Iso of Well Constructor or Supervisory Driller       Date Signed JCH         13. Initials of Well Constructor or Supervisory Uniller       Jate Signed JCH       7/20/00       JCH       T/20/00		6. Cable 7. Temp	-tool Bit _ n . Outer Casing	. dia in. c	dia.	depth ft.			. <u></u>				
6. Casing Liner Screen Material, Weight, Specification Dia. (in.)       From Manufacturer & Method of Assembly       From (ft.)       To (ft.)         6.0       U.S. A53 SAWHILL P.E. #1897 PER. FT. #1700 TEST       surface       120         9. Static Water Level 10.0 feet B ground surface A=Above B=Below       11. Well Is: 24 in. A Grade A=Above B=Below         Dia. (in.)       Screen type, material & slot size 6.0       From S.S. 15 SLOT       To 120         7. Grout or Other Sealing Material Method CASING HAMMER       From (ft.)       To (ft.)       To (ft.)       To (ft.)         8.06 S BENSEAL       Surface       # 10. Diritics of Drill Rig Operator (Mandatory unless same as above)       Date Signed JCH		X Other C	oved ?			- •							
Dia. (in.)       Manufacturer & Method of Assembly       (ft.)       (ft.)         6.0       U.S. A53 SAWHILL P.E. #1897 PER. FT. #1700 TEST       surface       120         9. Static Water Level 10.0 feet B ground surface A=Above B=Below       11. Well Is: 24 in. A Grade A=Above Below         Dia.(in.)       Screen type, material & slot size 6.0       From S.S. 15 SLOT       To 120         7. Grout or Other Sealing Material Method CASING HAMMER       From (ft.)       To (ft.)       To (ft.)       To (ft.)       To (ft.)       To (ft.)         BAGS BENSEAL       surface (ft.)       surface (ft.)       # Surface       # JJH       Date Signed JCH	6. Casing Li	ner Screen Material, Weight,	Specification	·	From	То		·					
6.0       U.S. A53 SAWHILL P.E. #1897 PER. FT. #1700 TEST       surface       120         9. Static Water Level 10.0 feet       B ground surface A=Above B=Below       11. Well Is: 24 in. A Grade A=Above Developed? Y         Dia.(in.) 6.0       Screen type, material & slot size S.S. 15 SLOT       From 120       To 124       To 124       12.0 GP M       2.0 Hrs       Developed? Y       Below         0.10 running at 20.0 GP M       2.0 Hrs       Capped? Y       12.0 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y       12. Did you notify the owner of Scaling Material       # Is. Initials of Well Constructor or Supervisory Driller       Date Signed JCH       Date Signed 7/20/00	Dia. (in.)	Manufacturer & Met	thod of Assembly	. (	(ft.)	(ft.)							
Image: Second surface in the second	6.0	U.S. A53 SAWHILL P.E. #1700 TEST	#1897 PER. FT.	sui	face	120						·	
Image: Dia.(in.)       Screen type, material & slot size       From       To       124       10.0 feet       B ground surface A=Above B=Below       Developed?       Y       B=Below         Dia.(in.)       Screen type, material & slot size       From       124       To       Pumping level       40.0 ft. below surface       Developed?       Y       B=Below         7. Grout or Other Sealing Material       #       #       Method       CASING HAMMER       From       To       Sacks       (ft.)       (ft.)       (ft.)       Cement       13. Initials of Well Constructor or Supervisory Driller       Date Signed         JJH       7/20/00       Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed		#1700 1201											
Dia.(in.)       Screen type, material & slot size       From       To       120       124       Pumping level 40.0 ft. below surface       A=Above       Developed? Y       B=Below         Dia.(in.)       Screen type, material & slot size       From       To       120       124       Pumping level 40.0 ft. below surface       Disinfected? Y       Developed? Y       B=Below         7. Grout or Other Sealing Material       #       Method CASING HAMMER       From To       Sacks       Cement       13. Initials of Well Constructor or Supervisory Driller       Date Signed         BAGS BENSEAL       surface       13. Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed         JUH       7/20/00													
Pistale water Level       11. wein is: 24 in. A Grade         10.0 feet       B ground surface         A=Above       A=Above         Dia.(in.)       Screen type, material & slot size       From         6.0       S.S. 15 SLOT         7. Grout or Other Sealing Material       #         Method       CASING HAMMER         From       To         (ft.)       (ft.)         BAGS BENSEAL       surface         Method       Surface         JLH       7/20/00							0 Martin	Water Lord					<u>_</u>
A=Above B=Below       A=Above B=Below       Developed? Y       B=Below         Dia.(in.)       Screen type, material & slot size       From       To       Pumping level 40.0 ft. below surface       Developed? Y       B=Below         6.0       S.S. 15 SLOT       120       124       Pumping at 20.0 GP M       2.0 Hrs       Capped? Y       Capped? Y         7. Grout or Other Sealing Material       #       #       12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y       If no, explain       #       If no, explain       13. Initials of Well Constructor or Supervisory Driller       Date Signed         BAGS BENSEAL       surface       Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed							9. Static	feet <b>B</b> ground	surface	11. wen is:	24 in.	A Grad	e
Dia.(in.)       Screen type, material & slot size       From       To       Pumping level       40.0       ft. below surface       Disinfected?       Y         6.0       S.S. 15 SLOT       120       124       Pumping at       20.0       GP M       2.0       Hrs       Disinfected?       Y         7. Grout or Other Sealing Material       #       #       12.       Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?       Y       I       Initials of Well Constructor or Supervisory Driller       Date Signed         BAGS BENSEAL       surface       Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed       JUH       7/20/00								Ă=Above	e B=Below	Developed?	Y.	A=Above B=Below	3 1
Bill (III)       S.S. 15 SLOT       120       124       Pumping at 20.0 GP M 2.0 Hrs       Capped? Y         7. Grout or Other Sealing Material       #       #       Image: Sacks of the constructor of the need to permanently abandon and fill all unused wells on this property? Y       If no, explain         Method       CASING HAMMER       From To (ft.)       %       Sacks Cement       If no, explain         BAGS BENSEAL       surface       Initials of Well Constructor or Supervisory Driller       Date Signed JCH       JJH       7/20/00         Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed JCH       7/20/00       JCH       7/20/00	Dia (in )	Screen type, material &	slot size	- Fr	m	Το	10. Pump Pumpin	lest g level 40.0 ft	below surfac	e Disinfected?	Υ .	-	
7. Grout or Other Sealing Material       #         Method       CASING HAMMER         Kind of Sealing Material       (ft.)         BAGS BENSEAL       surface         Initials of Drill Rig Operator (Mandatory unless same as above)       Date Signed         JCH       7/20/00	6.0	S.S. 15 SLC	от		120	124	Pump	ing at <b>20.0</b> GP M	M 2.0 Hr	s Capped?	Y	•	
//. Grant or Other scaling Material       #       unused wells on this property? Y         Method CASING HAMMER       From to (ft.)       To (ft.)       Sacks (ft.)       If no, explain         BAGS BENSEAL       surface       JJH       7/20/00         Initials of Drill Rig Operator (Mandatory unless same as above) JCH       Date Signed 7/20/00	7	Material					12. Did y	ou notify the owner o	f the need to p	ermanently aband	on and fill a	dl	_
Kind of Sealing Material     (ft.)     (ft.)     Cement     Into, explain       BAGS BENSEAL     surface     13. Initials of Well Constructor or Supervisory Driller     Date Signed       JJH     7/20/00       Initials of Drill Rig Operator (Mandatory unless same as above)     Date Signed       JCH     7/20/00	7. Grout or C	CASING HAMMER		From	То	# Sacks	unused we	ells on this property?	Y				
BAGS BENSEAL Surface JJH 7/20/00 Initials of Drill Rig Operator (Mandatory unless same as above) JCH 7/20/00	INFORMULA	Kind of Sealing Material		(ft.)	(ft.)	Cement	13. Initiale	of Well Constructor	or Supervisor	v Driller	Date Sic	zned	-
Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed JCH 7/20/00		BAGS BENSEAL		surface	e					JJH		7/20/00	
JCH 7/20/00			· · · · · · · · · · · · · · · · · · ·				Initials of	Drill Rig Operator (N	Mandatory unl	ess same as above	) Date Sig	gned	
			10	1	1					JCH		1/20/00	

Additonal Comments? Owner Sent Label? Y

More Geology?

Batch 683

WISCO Source	WISCONSIN UNIQUE WELL NUMBER KQ199							State of Wi-Private Water Systems-DG/2Form 3300-77ADepartment Of Natural Resources, Box 7921(Rev 02/02)bwMadison, WI53707				
Property Owner WA	GENSON, GERALD	· ·	Telep Num	ber	715 <b>–</b> 75	2 <b>-</b> 4402	02 1. Well Location Depth 121 Fi					
Mailing- W90 Address	047 COUNTY F						T of DEER CREEK W9047					
City BEAR	CREEK	State W	/  Zip	Code	54	1922	Street Address or Road Name and Number CTY F					
County of We 45 OU	ell Location NE Co W TAGAMIE W	/ell Permit No	We	ll Comp Ma	oletion Da urch 8, 19	ite )96	Subdivision Name		Lot#	Block #		
Well Construct		License #	Facility	ID (Pub	olic)		Gov't Lot	or	<b>SW</b> 1/4 of	SW	1/4 of	
Address 7391 S POF		157	Public V	Vell Pla	n Approva	al#	Section 24	τ <b>24</b> Ν	<sup>R</sup> 15 E			
City	State	Zip Code	Date Of	Approv	val		2. Well Type	1	(See item 12 below	v)		
LENA Hicap Permar	nent Well # Common	54139 n Well #	Specific	Capaci	ty		1=New 2=Rep	lacement	3=Reconstruction			
			-	g	om/ft		of previous unique w	vell #	constructed	in <u>0</u>	•	
3. Well Serve	s # of homes and or				igh Capac	city:	Reason for replaced o	or reconstruc	cted Well?			
P M-Munic O=OTh	(eg: barn, restaurant, chu	rch, school, ind	lustry, etc	5.)   W Ja   Pi	roperty?	N N	1 1=Drilled 2=Driv	ven Point 3=	-Ietted 4=∩ther			
4. Is the well lo	cated upslope or sideslope and not	downslope from	n any cor	ntamina	tion sourc	es, includin	g those on neighboring	properties?	Y Y			
Well located	in floodplain? N	oposed)	9.	Down	spout/ Ya	rd Hydrant		17.	Wastewater Sump	,		
1	Landfill	oposod)	10	). Privy				18.	Paved Animal Bar	n Pen		
50.2	Building Overhang		11	. Found	dation Dra	ain to Cleary	water	19.	Animal Yard or S	helter		
70 3	1=Sentic 2= Holding Tank	c	12	. Found	dation Dra	ain to Sewer	t till till till till till till till ti	20.	Silo			
300 4	Sewage Absorption Unit	•	13	. Build	ing Drain	DI	• • • •	21.	Barn Gutter			
5	Nonconforming Pit		14	Build	1=Cast Iro	on or Plastic r 1=Gray	2=Other vity 2=Pressure	22.	Manure Pipe	=Gravity 2	2=Pressure	
6	Ruried Home Heating Oil Tan	k		, Dund	i=Ca	ast Iron or P	lastic 2=Other	23.	Other manure Stor	or Plastic 2 rage	!=Other	
7	Buried Petroleum Tank		15	. Colle	ctor Sewe	r: units	in . diam.	24.	Ditch			
8.	1=Shoreline 2= Swimming	Pool	16	. Clear	water Sun	np		25.	Other NR 812 Wa	ste Source		
5. Drillhole Di	mensions and Construction Meth	10d	Lawren	On on I	2 adma als	Geology	8.	Geology		Fron	n To	
From Dia (in ) (ft)	m To Upper Enlarged	1 Drillhole	Lower	Open	Deulock	Codes	Type, Caving/Nor	ncaving, Čol	or, Hardness, etc	(ft.)	(ft.)	
	-2. Rotary - Ai	r				S S	SAND			0	23 🔺	
8.8 surface	e 118 - 3. Rotary - Air	r and Foam				C_ (	CLAY			23	115	
	4. Drill-Throu	ugh Casing Hai	mmer			s_ \$	SAND			115	121	
6.0 11	$\sim 121$ 5. Reverse	otary Bit n.d	ia				· · · ·					
	7. Temp. Out	er Casing	in. dia.	·	depth ft.			· .				
· · · · · · · · · · · · · · · · · · ·	Other	<b>?</b>										
6. Casing Lin	er Screen Material Weight Snec	ification	Fro	m	То		· · · ·			·		
Dia. (in.)	Manufacturer & Method o	f Assembly	(ft.)	)	(ft.)		·					
6.0	NEW P E 18 97 SAWHILL A 5	i3	surfac	e	118		- 					
											<b>•</b>	
	• · · · · · · · · · · · · · · · · · · ·					9. Static	Water Level		11. Well Is:	12 in.	A Grade	
	· ·					20.0	feet <b>B</b> ground su A=Above	irface B=Below			A=Above	
		· · · · · · · · · · · · · · · · · · ·				10. Pump	Test		Developed?	Y	B=Below	
Dia.(in.)	Screen type, material & slot s	ize	From	0	To 121	Pumpin	g level <b>115.0</b> ft. l	below surfac	Disinfected?	Y		
5.0	15 SLUT SUREEN			•	121	Pumpi	ing at 5.0 GP M	3.0 H	rs Capped?	Y		
7. Grout or O	ther Sealing Material	1.1			#	12. Did yo unused we	ou notify the owner of a construct o	the need to j	permanently aband	on and fill a	all	
Method			From	То	Sacks	If no, exp	plain					
	Kind of Sealing Material		(ft.)	(ft.)	Cement	13. Initials	of Well Constructor o	r Supervisor	ry Driller	Date Si	gned	
	DRILL CUTTINGS	- S	surface	118.0					JM		3/19/96	
						Initials of	Drill Rig Operator (M	andatory un	less same as above	) Date Si	gned	
A diterral C	nmonto) Val				L	<b>I</b>						

Y

Variance Issued? More Geology?

WISCONSIN UNIQUE WELL NUMBER Source: * WELL CONSTRUCTION	)	State of Wi-Private Water Systems-DG/2Form 3300-77ADepartment Of Natural Resources, Box 7921(Rev 02/02)bwMatticent WL 5270752707						
Property BILL BUCK	Tele	phone	715 =75	2=4244	1. Well Location	De	epth <b>210</b>	FT
Mailing*ROUTE 1	Num	iber			T=Town C=City V=Villa T of DEER CREEK	ige	Fire#	
City SCHIOCTON State	WI Zip	Code	54	4170	Street Address or Road Nat BUCK ROAD	me and Number		-
County of Well Location NE Co Well Permit N 45 OUTAGAMIE W	o We	ell Con Nov	npletion Da /ember 9,	ite 1988	Subdivision Name	Lot#	Block #	· · · · · · · · · · · · · · · · · · ·
Well Constructor License	# Facility	ID (Pı	ublic)		Gov't Lot	or <b>SE</b> 1/4 of	f. NW	1/4 of
Address RT 3 BOX 247	Public V	Well Pl	lan Approva	al#	Section 24 T 2	4 <sup>N R</sup> 15	E	
City State Zip Code	Date Of	f Appro	oval		2. Well Type 2	(See item 12 be	low)	
SHAWANO WI 54166	Specific	Cono		- *	1=New 2=Replacem	ient 3=Reconstructio	on	
Common Weil #	specific	c Capa g	gpm/ft		of previous unique well #	construct	ed in <u>88</u>	
3. Well Serves # of homes and or (eg: barn, restaurant, church, school, i	ndustry, etc	c.)	High Capac Well?	city: N	Reason for replaced or reco DRY	onstructed Well?		
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=L	oop H=Drillho	ole	Property?	N	1 1=Drilled 2=Driven Po	oint 3=Jetted 4=Other		
4. Is the well located upslope or sideslope and not downslope fi	rom any co	ntamin	ation sourc	es, includin	g those on neighboring prop	erties?		
Well located in floodplain? N Distance in feet from well to nearest: (including proposed)	9.	Dow	nspout/Ya	rd Hydrant		17. Wastewater Sur	mp Born Bon	
1. Landfill	11	I. Fou	y ndation Dra	ain to Cleary	water	19 Animal Yard o	r Shelter	`
37 2. Building Overhang	12	2. Fou	ndation Dra	ain to Sewer	г.	20. Silo	, one de la companya de la comp	
69 3. I=Septic 2= Holding Tank	13	3. Buil	ding Drain			21. Barn Gutter		
5 Nonconforming Pit	14	4 Buil	1=Cast Irc Iding Sewer	on or Plastic r 1=Gray	2=Other vity 2=Pressure	22. Manure Pipe	1=Gravity 2	2=Pressure
6. Buried Home Heating Oil Tank	. •	i. Dun	1=Ca	ast Iron or P	lastic 2=Other	23. Other manure S	on or Plastic 2 Storage	e-Other
7. Buried Petroleum Tank	15	5. Coll	lector Sewe	r: units	in . diam.	24. Ditch		
8. 1=Shoreline 2= Swimming Pool	16	6. Clea	arwater Sun	np		25. Other NR 812	Waste Source	
5. Drillhole Dimensions and Construction Method	Lower	r Open	Bedrock	Geology	8. Ge	ology	From	n To
Dia.(in.) (ft) (ft) X 1. Rotary - Mud Circulation	n			Codes		ig, Color, Hardness, et	<u>c (ft.)</u> 0	(ff.)
X 2. Rotary - Air								30 -
	Iammer					· · · · · · · · · · · · · · · · · · ·	33	205
5. Reverse Rotary	luiinitei						205	200
6. Cable-tool Bitn.	dia		1 4 6					210
	in. dia		_ depth ft.	· · ·		<u></u>		
6 Casing Liner Screen March 1997 14 0 15 4	Eno		Ta		 			
Dia. (in.) Manufacturer & Method of Assembly	(ft.)	)	(ft.)					
6.0 ASTM A53 1897 SOMITONO WELDED	surfac	ce	210					
						. *		
						<u> </u>		
				9. Static	Water Level	11. Well 19	s: 20 in.	A Grade
				12.0	feet <b>B</b> ground surface A=Above B=Bel	ow	~	A=Above
				10. Pump	Test	Developed?	/Υ 12 Υ	B=Below
Dia.(in.) Screen type, material & slot size	From	n	10	Pumpin	gievel $60.0$ ft. below	Surface Distinction	Y	
				12. Did ye	ou notify the owner of the ne	ed to permanently aba	undon and fill :	all
7. Grout or Other Sealing Material	From	То	# Sacks	unused we	ells on this property? Y	-		
Kind of Sealing Material	(ft.)	(ft.)	Cement	II no, ex	of Well Constructor or Sur	ervisory Driller	Date Si	oned
DRILLING MUD	surface	210.0	D I	13. mitials	or wen constructor or sup	Di	D 1	2/20/88
				Initials of	Drill Rig Operator (Mandato	ory unless same as abo	ve) Date Si	gned 2/20/88
Additonal Comments? Variance Issued?				1		<b>D</b> _4_1		

Additonal Comments? Owner Sent Label? Y

Search Instruc	tions	Search by Site, Owne Characteristic	r, or Tank s	Search by Tank ID		
Tank Detail				· ·		
		Site and Owner				
Site Info	(	County & Municipality	Owner			
Facility ID: <u>116668</u> PAT N8446 CNTY F SHIOCTON Landowner Type: Private	MCCLONE 4 \ F	44 - OUTAGAMIE /illage of SHIOCTON Fire Dept ID: 4419 - Bear Cree	ID: 350867 PAT MCCL k 210 PARK CLINTONV	ONE LN ILLE WI 54929		
Site Anniversary Date:	Dispenser	s have Sumps: Unknown				
Underground Stora	ge Tank - I	ID: 317689, Wang ID: 441	900094, Clo	sed/Removed as of (	08/15/1987	
Install Date:		Capacity in Gallons:	275	Contents:	Leaded Gasoline	
Tank Occupancy:	Agricultura	Marketer:	N	CAS Number:		
Federally Regulated:	N	Spill Protection:	Required - Not Installed	Overfill Protection:	Required - Not Installed	
Overfill Prot Type:	- None -	<b>Containment Sump Installe</b>	ed: Unknown			
<b>Corrosion Protect Type</b>	:	Date of Lining:		Lining Inspected Date	:	
Leak Detection:	Unknown	Cath Test Date:		Cath Expire Date:		
Leak Test Meth:		Leak Expire Date:		Leak Test Date:		
Construction Material:	Unknown	Wall Size:	Single	Underground Piping:	Y	
Close Order Date:		Close Order By:				
		Piping - Closed/Re	moved			
Flex Connectors:		UST mainfolded:	Relate	d Tank ID:		
Туре:		Aboveground Piping:	Above	ground Pipe Constructi	on:	
Construction Material:	Unkn	own Corrosion Protect Type	: Leak C	etection:	Unknown	
Cath Test Date:		Cath Expire Date:	Leak T	est Meth:		
Leak Test Date:		Leak Expire Date:	Pipe W	/all Size:	Single	
Catastrophic Leak Dete	ction:	Cat Leak Test Date:	Piping	System Type:	Unknown	
Inspections Click her	e for login p	age				
Trans ID	Туре	Status	Date Fiscal	Yr		
** No inspections for thi	is tank **					

- **V** (CD)

Close this response window

This document was last revised: February 2010

Wisconsin Department of Safety and Professional Services

01/17/2012

Map & D	irections
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Directions Only



htd moo.oodey.sqam//:qthd

## YAHOO! MAPS

Driving directions to 3369 W Brewster St, Appleton, WI 54914-1602 Distance: **29.47 miles** — Time: **40 mins** 

Map Only

Scresham Wittenberg £1413 Green oValley Tilleda oCedi Abrams Elderon hawano oKrakow Leopoliso (29) 6Bru Tigerton Bonduel Lintle oCarolline 22 Suamico<sub>o</sub> (41) **(45)** Marion oPulaski Pittsfield . Suamico Rosholt<sub>o</sub> Clinton ville, **Big Falls (1)** oNichols <sup>O</sup>Scott Bear OCreek Howard Seymour Green Bay Sa oLuxembui 35 aine <sub>O</sub>Humboldt Siola Black ting (iØ Creek o Manawa Ogdensburg ver Amherst Osborn oEaton Shioton De Per 29) Liberty iwrence New London Z New Denmark Ellington Center Glenmoreo Waupacas Denmark Kingo Hortonville Wrightstown Weyauwega, ancroft Grand OChute (B) Greenleaf oMaribel B oAppleton (96) nondo Fremont SBuchanan 441) Mishi 10 Francis Creek, Plainfield Wolf Larsen Wild Rose (49) äh Pine oRiver so Brillion Sherwood , Whitelaw Hilbert Réedsville ancock (22) Poy Sippi<sup>O</sup> vinland Winneconne, <sup>ò</sup>Potter Manit [45] (32) 43 <sup>O</sup>Stockbridge Wautoma 15mi Rushford <sup>9</sup>Valders Redoranite Ómro NOKIA 120km Chilton 151 Oshkosh Algoma<sup>O</sup> Newton Cr Bland

http://maps.yahoo.com/print?business=&location=N8446%20CR-F%

#### A N8446 CR-F, Shiocton, WI 54170

1. 1. Head toward Hanson Rd on Cr-I.	Go for 1.5 mi. •
2. 2. Turn Donto Cr-F.	Go for 1.7 mi. 📍
3. 3. Turn B onto WI-187.	Go for 2.9 mi. 🍧
4. 4. Turn Deer View Rd (Cr-G).	Go for 4.9 mi. 📍
5. 5. Turn B onto WI-47.	Go for 7.8 mi. 📍
6. 6. Bear Bonto Cr-A S.	Go for 9.1 mi. 📍
7. 7. Turn B onto W Northland Ave (Cr-Oo).	Go for 0.5 mi. 📍
8. 8. Turn U onto N Bluemound Dr (Cr-Aa).	Go for 0.9 mi. 🎈
9. 9. Turn 🚯 onto W Brewster St.	Go for 377 ft. 🍧
10.10. Your destination on <b>W Brewster St</b> is on the left. The trip takes 29.5 mi as	nd <b>40 mins</b> .

#### B 3369 W Brewster St, Appleton, WI 54914-1602

When using any driving directions or map, its a good idea to double check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning

### Heinen, Elizabeth M - DNR

From: Sent: To: Subject: Sturm, Thomas J - DNR Tuesday, January 17, 2012 10:42 AM Heinen, Elizabeth M - DNR Tank/Cleanup/PECFA Info

Attachments:

ER-PECFA-ERS10083(Info)\_REV\_7-11.pdf



ER-PECFA-ERS1008 3(Info)\_REV\_7-...

Hi Liz:

For questions on PECFA, have them contact Tom Verstegen (920-424-0025) or Beth Erdman at 920-303-5410) at Dept. of Safety and Professional Services (formerly Commerce). I was looking at the PECFA information and there are some caveats regarding farm tanks so hey should get a hold of Tom or Beth for clarification.

If the results come back positive, they will need to report the release to Diane. A responsible party letter will be issued indicating what needs to be done and will include information regarding consultants etc. They should contact me and I can assist them with the process.

1

Thanks --Tom

P Tom Sturm Hydrogeologist Bureau of Remediation and Redevelopment Wisconsin Department of Natural Resources 647 Lakeland Rd. Shawano, WI 54166 (\*) phone: 715-526-4230 (\*) fax: 715-524-3214 (\*) e-mail: Thomas.Sturm@wisconsin.gov

#### Heinen, Elizabeth M - DNR

From: Sent: To: Subject: Sturm, Thomas J - DNR Tuesday, January 17, 2012 8:54 AM Masten, Carla M.; Anderson, Wendy D - DNR; Heinen, Elizabeth M - DNR RE: Gas in well in Outagamie County

Attachments:

20120117083348026.pdf



2012011708334802 6.pdf (89 KB)

There was a tank associated with the site however given the date of the abandonment (1987) a site assessment was not required and it is doubtful that one was performed. There are no active or closed cleanup cases in the vicinity.

From: Masten, Carla M. [mailto:Carla.Masten@outagamie.org] Sent: Monday, January 16, 2012 07:33 AM To: Anderson, Wendy D - DNR; Sturm, Thomas J - DNR; Heinen, Elizabeth M - DNR Subject: RE: Gas in well in Outagamie County

Please confirm but I have the address at:

N8446 Cty Road F

Shiocton 54170

Thanks.

Carla Masten

Outagamie County LCD

p. 920-832-5073

f. 920-832-4783

carla.masten@outagamie.org

From: Anderson, Wendy D - DNR [mailto:Wendy.Anderson@Wisconsin.gov]
Sent: Friday, January 13, 2012 3:47 PM
To: Sturm, Thomas J - DNR; Heinen, Elizabeth M - DNR
Cc: Anderson, Wendy D - DNR; Masten, Carla M.
Subject: Gas in well in Outagamie County

Carla Masten at Outagamie County Land Conservation called me at 3:00 today to ask if I could call a resident who is having well problems.

Carla explained that Kelly Radke had called her today asking for help. She has a house and farm and the water in the barn has been smelling like gasoline for the last two weeks. In the last day or two, the odor has gotten really bad. Kelly also told Carla that she has had a couple of Llamas die and the dog is in kidney failure. She said that she thinks there's only one well and pressure tank, but there is a line that goes out to the barn. She also mentioned that a few years ago they dug up the line because they were running water elsewhere and they noticed gasoline odor in the hole they dug, but they never ran into a tank.

I called Kelly Radke back at 715-752-4866 and suggested that she call a certified laboratory and get a VOC sample kit. She has the numbers for Badger and Clean Water Testing. I told her to collect the sample from the barn spigot and I recommended that she and her animals drink bottled water until she knows for sure what the problem is. I also told her that Monday is a holiday so no one from the DNR will be available and she should consider this when she collects her sample.

She also mentioned that she has to have her well tested every year because she is a licensed foster care home.

I gave her both of your names and numbers and suggested that she call once she got the results back. I'm sorry I didn't think to ask for her address and when I called back no one answered. Tom, I thought you might want contact her for her address and then check BRRTs and or the tank database to see if there is a tank there.

Thanks.

Wendy Anderson, P.E. Water Supply Engineer Drinking Water and Groundwater Wisconsin Department of Natural Resources 2984 Shawano Avenue Green Bay, WI 54313-6727 (920) 662-5414 office (920) 662-5498 fax Wendy.Anderson@wi.gov



http://dsps.wi.gov/

# PETROLEUM Environmental Cleanup Fund Award

## INFORMATION ABOUT PECFA REIMBURSEMENT



ERS-10083-P (R. 07/11)

## PECFA PROGRAM ELIGIBILITY

The State of Wisconsin does not discriminate on the basis of disability in the provision of services or in employment. If you need this printed material interpreted or in a different form, or if you need assistance in using this service, please contact us. Deaf, hearing or speech impaired callers may reach us through the Wisconsin Telecommunication Relay System (WI TRS).

Please Note: This brochure is for informational purposes only and does not provide complete detail of all requirements necessary for PECFA reimbursement. Please refer to Comm 47 W.A.C. and 101.143 Wis. Stats. for further information.

#### WHO MAY SUBMIT A CLAIM?

The responsible party, owner or operator, agent or an assignee may submit a claim.

If the responsible party is not the sole owner of the site, an Owner Assignment Certification Form 5 (ERS-8070) shall be filed with the department to establish one entity to submit the claim and received the award.

The owner may, with the Department's written approval, designate an "agent". The agent must agree to complete and pay for the remediation up to the point of closure, natural attenuation monitoring, operation and maintenance of a treatment system or long term monitoring. Both the owner and agent submit the claim and the award is made payable to both.

### CLAIM REQUIREMENTS

To submit a claim, the claimant must do the following:

- Register the petroleum product storage system or the home oil tank system with the Department. Any petroleum product storage tank system larger than 60 gallons must be registered with the Department.
- 2. Report the discharge immediately to the DNR or the Division of Emergency Government in the Department of Military Affairs.
- 3. The consultant must conduct the DNR required site investigation.
- 4. Usual & Customary costs (Comm 47.325) apply to all occurrences previously or newly reported to the DNR, for work performed after May 1, 2006 except for:
  - Work performed under a previously established cap under 101.143(3) (cp).
  - Work performed as part of an emergency action, within initial 72 hours after the onset of the need for the action.
  - Work performed for home oil tank systems.
- 5. If the total cost for site cleanup will exceed \$60,000 the Department will use the public bidding process to assist in establishing a cost cap to site closure.
- 6. Once the Department establishes a cap on total costs they will notify the owner. The claimant will also be provided an approval to submit their claim for investigation costs. The Department may elect to bundle the site with other remedial efforts in the area in order to obtain lower remediation costs.

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- (NOTE: Bundling means the process of providing investigation or remedial action services, or both, across multiple occurrences while utilizing one consulting firm or common commodity services and providers, or both, to reduce total remediation cost.)
- If a bundle is constructed or a bid is conducted and the claimant elects not to use the lowest cost approach, claimant reimbursement will be limited to the lowest bid/bundle cost.
- 7. The maximum allowable cost for a site investigation and the development of the remedial action plan is \$20,000. If the site investigation is anticipated to exceed the \$20,000 cap, written approval from the Department shall be obtained prior to incurring any costs above \$20,000; notification to the owner shall be made before the owner has incurred liabilities above the \$20,000 maximum.
- 8. If an applicant does not complete the investigation of the petroleum product discharge by the first day of the 61<sup>st</sup> month after the month in which the applicant notified the department under 101.143(3) (a) 3. or October 1, 2003, whichever is later, interest costs incurred by the applicant after the later of those days are not eligible costs.
- Consultant shall submit notification to the Department, no later than 14 days after execution or termination of a written contract with a responsible party for investigating a discharge from a petroleum product storage system, per Comm 47.60.
- 10. Consultants shall periodically submit reports to the department to inform the department of the consulting firm's progress; Per Comm 47.62, 47.70 or 47.71.
- Commodity bidding is not required where a reimbursement amount is determined either by the Usual & Customary cost schedule or by the public bidding process.
- 12. Initiate a claim by filling out an "Initial Claim" form that you can obtain by calling (608) 264-8765, or by downloading from the PECFA web site at: <u>http://dsps.wi.gov/er/ER-PECFA-Home.html</u> or by writing to:

BUREAU OF PECFA PO BOX 7838 MADISON WI 53707-7838

# PECFA PROGRAM ELIGIBILITY

## WHAT TANKS ARE INCLUDED IN THE PROGRAM?

Coverage under the PECFA program includes petroleum product storage tank systems defined as those containing gasoline, gasoline-alcohol fuel blends, kerosene, fuel oil, burner oil, diesel fuel, and used motor oil. Many underground and aboveground storage systems, including any on-site integral piping and dispensing systems, are covered. Specifically, the following systems are covered under COMM 47.02 Coverage:

- (a) Commercial tank systems larger than 110 gallons capacity.
- (b) Heating oil tank systems where the product is sold.
- (c) Farm and residential tank systems larger than 1,100 gallons capacity and not storing heating oil for consumptive use on the premises.
- (d) Tank systems storing gasoline, diesel fuel, or other vehicle fuels, other than residential tanks of 1,100 gallons or less capacity.
- (e) Farm vehicle fuel systems of 1,100 gallons or less capacity, which meet additional statutory requirements regarding farm size and farm income, and are used to store products not for resale.
- (f) Heating oil tank systems owned by public school and technical college districts, supplying heating oil for consumptive use on premises.
- (g) Tank systems located on Trust Lands of an American Indian Tribe if the owner or operator's tank system would be otherwise covered under (a) through (f) and the owner or operator complies with the rules promulgated in COMM 47 and COMM 10 and obtains all applicable agency approvals.
- (h) Home heating oil tank systems provided the claims are for underground tank systems <u>and the persons</u> <u>comply with rules promulgated in COMM 47 and</u> <u>COMM 10.</u>

<u>Please see page 8 for actual maximum awards and</u> <u>deductibles for the eligible tank system listed.</u>

Changes in the PECFA statute have also limited coverage for certain new and upgraded underground tank systems. Page 9 explains the eligibility and insurance requirements for the new and upgraded tank systems. Please refer to Comm 47.02(4) for an explanation of coverage from both eligible systems and excluded systems at the same site.

### WHAT COSTS ARE ELIGIBLE?

The following is a partial list of items eligible for reimbursement. Although the final determination of eligibility is made at the time of claim review, this list is a good guide for claimants.

Note: As of May 1, 2006, costs for work performed must adhere to the Usual & Customary Cost Schedule (COMM 47.325) or have been approved through the Competitive Public Bidding process (COMM Subchapter VI).

- 1. Investigation of potential sources of petroleum contamination.
- 2. Preparation of a remedial action plan.
- 3. Laboratory services for testing specific to this chapter, including full VOC testing.
- 4. Investigation and assessment for the degree and extent of contamination.
- 5. Removal of contaminated soils.
- 6. Costs of equipment mobilization
- 7. Removal of petroleum products from surface water, groundwater and soil.
- 8. Treatment and disposal of contaminated soils.
- 9. Monitoring to establish existence of natural cleanup progress.
- 10. Charges for maintenance of equipment used for petroleum products recovery and remedial action.
- 11. State or municipal permits for installation of remedial equipment,
- 12. Actual costs for the purchase or rental of temporary building structures to house remedial equipment.
- 13. Restoration or replacement of a private or public potable water supply.
- 14. Contractor or subcontractor costs for remedial action.
- 15. Fees up to \$500 for progress payment or final claim preparation.
- Compensation to third parties for bodily injury and property damage due to a petroleum product discharge from underground storage tank systems.

## WHAT COSTS ARE IN-ELIGIBLE?

The following is a partial list of items in-eligible for reimbursement. Although the final determination of eligibility is made at the time of claim review, this list is a good guide for claimants.

- 1. Any costs submitted without absolute proof of payment at time of claim submittal.
- 2. Overtime labor charges, except for Department approved emergency actions.
- 3. Costs for cleanups from a non-residential heating or boiler tank system and discharges from mobile fueling tanks or vehicle fuel storage tanks.
- 4. Used oil remediation costs not from internal combustion engines.
- 5. Costs associated with environmental audits, real estate transaction, construction projects, or long-term loan transactions.
- Costs for investigations to locate petroleum product storage systems or home oil systems to determine if a tank is eligible for PECFA.
- Costs incurred after DNR or DSPS determines no further action is needed, except for abandonment of monitoring wells and site closure.
- 8. Costs not integral to the remediation of a petroleum product discharge.
- Incompetent or ineffective clean-up costs which were not based upon sound professional and scientific judgment.
- 10. Costs of redoing incomplete or incompetent remedial action work.
- Costs or rework on remedial action sites or systems to accommodate construction upgrades, retrofits, or redevelopment projects.
- 12. Costs above those necessary to bring a site to the required level of remediation.
- Costs to fix or replace damaged buildings, sewer lines, water lines, electrical lines, phone lines, fiber optic lines, or other utilities on the property.
- 14. Costs of reinstalling damaged remedial equipment and reinstalling or modifying remedial equipment for purposes other than effective remediation.
- 15. Interest costs accrued due to improper or incomplete filing of claims or a lack of response to Department requests for additional information, except if delayed by DNR or DSPS processes.
- 16. Late service fees or costs related to invoices or bills for which payment verification is unobtainable.
- 17. Costs for sampling and testing for heavy metals, except lead when the discharge is from a leaded gasoline system or lead and cadmium when the source is used motor oil.
- Costs associated with the analysis of inappropriate constituents not associated with an eligible petroleum product.

- Costs for remedial action activities funded under 42 US 6991, unless the owner or operator or the person owning the home oil tank system repays the funds provided under 42 USC 6991.
- 20. Expenditures required by the DNR or the Department in order to meet the groundwater protection standard, ch. 160 Stats. ch. COMM 10 or other administrative rules but not related to a petroleum product discharge under this chapter.
- 21. Costs associated with the loss of business.
- 22. Costs associated with the loss of interest or dividends, or interest costs from a loan other than for remediation.
- 23. Costs associated with the closure of a tank system.
- 24. Costs associated with tank closure assessments.
- 25. Costs of removing tank systems that have previously been closed in-place with inert materials, sand, pea gravel, water, or other substances.
- 26. Costs associated with the abandonment of wells not related to the remedial action.
- 27. Costs, other than costs for compensating third parties for bodily injury and property damage, which the Department determines to be unreasonable or unnecessary to carry out the remedial action activities.
- Costs associated with third-party actions by adjoining property owners for the installation of monitoring wells or other clean-up related items unless a court judgment has been obtained.
- 29. Costs associated with third-party damages from a discharge originating from an aboveground storage tank.
- 30. Attorney fees associated with third-party actions.
- 31. Any costs associated with an appeal of a determination specific to the scope of COMM 47.
- Attorney fees including, but not limited to, legal advice, appeals, or other representation on behalf of the responsible party or agent.
- 33. Supervisory or management costs when a municipality or company uses its own personnel or personnel from a wholly or partially owned subsidiary for remedial activities.
- 34. Costs for supervisory or management activities conducted by owners or operators.
- 35. Costs for right-of-entry or trespass fees.
- 36. Separate vehicle and mileage costs.

### PECFA COVERAGE FOR NEW AND UPGRADED SYSTEMS

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TANK SYSTEM TYPE:	SITE CONDITION:	OLD CONTAMINATION COVERED?	INSURANCE REQUIRED FOR:	INSURANCE WHEN?	
NEW <u>UNDERGROUND</u> SYSTEM	CLEAN OR CONTAMINATED	YES, IF CONTAMINATION CONFIRMED BEFORE 1/1/96	NEW RELEASES FROM SYSTEM AFTER 1/1/96	REQUIRED 1/1/96	
UPGRADED <u>UNDERGROUND</u> SYSTEM (see note 1)	CONTAMINATED AT TIME OF UPGRADE	YES, IF CONTAMINATION CONFIRMED BEFORE UPGRADE IS COMPLETED OR BEFORE 1/1/96	NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER BOTH UPGRADE AND 1/1/96	REQUIRED ON 1/1/96, IF UPGRADED BEFORE THAT DATE, OR AFTER UPGRADE IF WORK IS COMPLETED AFTER 1/1/96 (see note 2)	
UPGRADED <u>UNDERGROUND</u> SYSTEM (See note 1)	CLEAN AT TIME OF UPGRADE	NOT APPLICABLE	NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER BOTH UPGRADE AND 1/1/96	REQUIRED ON 1/1/96, IF UPGRADED BEFORE THAT DATE, OR AFTER UPGRADE IF WORK IS COMPLETED AFTER 1/1/96 (see note 2)	
NEW <u>ABOVEGROUND</u> SYSTEM	CLEAN OR CONTAMINATED	YES, IF CONTAMINATION CONFIRMED BEFORE 12/23/2001	INSURANCE IS NOT MANDATED, BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER		
UPGRADED ABOVEGROUND SYSTEM	CLEAN AT TIME OF UPGRADE	NOT APPLICABLE	INSURANCE IS NOT MANDATED BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER		
UPGRADED ABOVEGROUND SYSTEM	CONTAMINATED AT TIME OF UPGRADE	YES, IF CONTAMINATION CONFIRMED BEFORE UPGRADE IS COMPLETED	INSURANCE IS NOT MANDATED BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER		

NOTE 1: An upgraded system, by definition is a system that has <u>all of the following</u>: Corrosion protected tank(s), Corrosion protected line(s), Spill containment devices, and Overfill devices. NOTE 2: If a system is upgraded after 12/31/93, and the owner or operator applies for private insurance within 30 days, a 90 day tail on PECFA coverage is provided for the upgraded system(s).

#### Petroleum Environmental Cleanup Fund Award (PECFA) Program -- Maximum Awards, Total Annual Awards and Deductibles

		For Sites where the investigation is started before 12/22/2001			For Sites where the investigation is started on or after 12/22/2001		
Type of Tank	Owner	Maximum Award Per Occurrence	Total Annual Awards	Deductible <sup>(2)</sup>	Maximum Award Per Occurrence	Total Annual Awards	Deductible <sup>(2)</sup>
Home Heating Oil	All	\$7,500	N/A	25% of eligible costs <sup>(3)</sup>	No Change	No Change	No Change
Under-ground	Non-Marketer (the system does not store products for resale and handles 10,000 or less gallons per month)	\$500,000	\$1,000,000 <sup>(4)</sup>	\$2,500 plus 5% of eligible costs, but not more than \$7,500 per occurrence. For claims where an acceptable RAP is received on or after 11/1/99. The deductible is \$2500 plus 5%. <sup>(6)</sup>	\$190,000	\$190,000	\$10,000 per occurrence
Under-ground	Marketer (the system stores products for resale) or Non-marketer with system that handles more than 10,000 gallons per month	\$1,000,000	\$1,000,000 <sup>(4)</sup>	\$2,500 plus 5% of eligible costs, but not more than \$7,500 per occurrence. For claims where an acceptable RAP is received on or after 11/1/99. The deductible is \$2500 plus 5%. <sup>(6)</sup>	\$190,000	\$190,000	\$10,000 per occurrence
Above-ground	The system does not store products for resale and handles 10,000 or less gallons per month	\$500,000	\$1,000,000 <sup>(4)</sup>	\$15,000 plus 2% of eligible costs over \$200,000 <sup>(5)</sup>	\$190,000	\$190,000	\$10,000 per occurrence
Above-ground	The system stores products for resale or handles more that 10,000 gallons per month	\$1,000,000	\$1,000,000 <sup>(4)</sup>	\$15,000 plus 2% of eligible costs over \$200,000 <sup>(5)</sup>	\$190,000	\$190,000	\$10,000 per occurrence
Farm	Underground and aboveground vehicle fuel systems of 1,100 gallons or less storing products not for resale	\$100,000	\$100,000	\$2,500 plus 5% of eligible costs, but not more than \$7,500 per occurrence	No Change	No Change	No Change
Public School District and Technical College District	Heating oil for consumptive use on premises	\$190,000	\$190,000	25% of eligible costs	No Change	No Change	No Change

(1) Maximum award in effect before December 22, 2001, applies to all eligible costs for investigations and remedial activities started before December 22, 2001.

(2) DSPS may waive the deductible if it determines that the owner or operator is unable to pay. If DSPS waives the deductible DSPS shall file a lien against the property until the lien is paid.

(3) Nonprofit housing organizations are exempt from paying the deductible for tanks owned by the organization if they assist low-income persons with housing related problems.

(4) \$2,000,000 maximum annual award if the claimant owns or operates more that 100 petroleum product storage tank systems.

(5) For a "terminal" (a petroleum product storage system that is connected to a pipeline facility), the deductible is \$15,000 plus 5% of the amount by which eligible cost exceed \$200,000.

For a terminal where the RAP is received after 11/1/99 the deductible is \$15,000 plus 10% of the amount by which eligible costs exceed \$200,000.

(6) The change in deductible first applies to a person who submits a remedial action plan that is acceptable to DSPS or DNR on November 1, 1999.

# CLAIM SUBMITTAL MILESTONES

### WHEN CAN A CLAIM BE SUBMITTED?

Claims may be submitted after certain milestones are reached per Comm 47.355 Award payments for claims received by the Department on or after April 21, 1998.

- 1. Completion of a Department approved emergency action.
- 2. After completion of an investigation and receipt of written approval by the department to submit the investigation claim.
- 3. Approval of a closed remedial action or no further action.
- Approval of natural attenuation as a final remedial response or at the end of each one-year cycle of the monitoring necessary to show that remediation by natural attenuation will occur.
- 5. At the end of each one-year cycle of monitoring required for off-site contamination.
- After implementation and 1 year of actual operation, or monitoring, or combination thereof, and every 1 year thereafter.
- 7. For sites selected by the department for progress payments based upon extreme life safety and environmental risk and where the claimant has demonstrated to the department's satisfaction that he or she does not have the financial means to conduct a remediation without progress payments: the department shall be the sole determiner of whether progress payments are to be allowed, and an appeal of the decision to the department is not allowed.

*Other interim payments-47.355(2) (d)-*The department shall also make awards at the following points:

- 1. When a lender terminates a funding relationship with a claimant and requests reimbursement for the funds expended.
- When a claimant has incurred eligible expenses equal to the occurrence maximum plus the applicable deductible.
- When the conditions prescribed in s. 101.143(4) (a)
   2.b. Stats, occur. The Department shall issue an award if the owner or operator or the person has incurred at least \$50,000 in unreimbursed eligible costs and has not submitted a claim during the previous 12 months. This **INCLUDES** owners or operators who meet the test of self- insurance under Comm 10.82.
- 4. Where there is a change in responsible party, if the previous responsible party files a claim.

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- 5. When there is a change in consulting firms working on the project.
- 6. Where there is a change in lenders for the project.
- 7. When the department directs filing a claim, in an effort to reduce interest costs to the program.

Penalty for not submitting a required claim-47.355(2) (e)-If a claim submittal that is directed under par. (d)7. is not submitted within 120 days of receiving written notification of that directive, any interest expense beginning on the 121<sup>st</sup> day and extending until the department receives the claim, is not eligible.

#### Priority Processing-47.355(3):

- (a) Department approved Emergency Actions
- (b) Cost-effective remediations:
  - 1. Tanks for schools, farms & home oil tanks.
  - 2. Closed remedial action that is achieved at a total cost of \$60,000 or less, excluding interest.
  - A claim for a petroleum product storage system which is owned by a school district and which is used for storing heating oil for consumptive use on the premises where stored.

## COMPETITIVE PUBLIC BIDDING

The following is a brief guideline that describes the competitive public bidding process. See Comm 47 Subchapter VI for specific requirements regarding the public bidding process.

- 1. Consulting firm required to notify PECFA within 14 days of executing or terminating a contract; Comm 47.60.
- 2. If contract is terminated, Responsible Party must execute another contract or request an extension within 60 days; if RP does not comply with either requirement, interest is not eligible.
- Consultant must complete progress reports, in a format prescribed by the Department, to inform the Department of progress & estimated costs of work to complete site investigation; Comm 47.62
- Consultant shall file with the Department, a notice of completion of an investigation by the end of the calendar month that follows the firm's development of all data necessary to define either the remediation target or scope of remediation; Comm 47.62(4).
- Assignment to public bidding per Comm 47.623: If the Department or DNR determines that the cost to complete a site investigation and remedial action will exceed \$60,000 excluding interest, it shall be subject to the public bidding process in s. Comm 47.68.
- 6. Whenever the Department notifies an RP & the consultant that an occurrence is subject to public bidding per 47.68, a claim for eligible costs shall be submitted no later than 120 days after the Department's notice. Failure to submit a claim shall result in the ineligibility of interest incurred between the date of the notice and the date a claim is filed. Comm 47.625(1) & 47.625(3) (a).

- Whenever a consulting firm completes a scope of work designated by the department, a claim for eligible costs incurred shall be submitted to the department no later than 120 days after completing that work. Failure to submit a claim shall result in the ineligibility of interest incurred between the date of the completion of the scope of work and the date a claim is filed. Comm 47.625(2) & 47.625(3) (b).
- An occurrence may be exempt from the public bidding process if work performed is part of an emergency action, bidding is not cost effective, or an alternative acceptable bidding process has been used; Comm 47.63.
- 9. The Department may disqualify from public bidding any individual or firm that has failed to meet any of the requirements in Comm 47.67.
- 10. After the Department provides notification under 47.68(7) (b), the RP shall execute a written contract no later than 60 days, with one of the firms that submitted a bid under 47.38(2) to perform the work. Failure to execute a contract shall result in the ineligibility of interest from the date of the notification until a contract is executed; Comm 47.69.
- The consulting firm holding the contract required in s. Comm 47.69(1) (a) shall report to the department, in a format prescribed by the department, the progress toward completing the scope of work defined in the bid specifications. Comm 47.70.

## PENALIZED IN-ELIGIBLES

The following list contains items considered to be grossly ineligible for reimbursement per Comm 47.30(3)

An award for a claim which includes any costs in Comm 47.30(3)(b) and which was prepared and submitted by an owner or operator or person owning a home oil tank system shall be reduced to exclude those costs, and shall then be further reduced by 50 percent of the total amount of those costs.

A consultant who prepares a submitted claim that includes any costs in 47.30(3)(b), shall pay to the department an amount equal to 50 percent of the total amount of those costs, and the award for the claim shall be reduced to exclude those costs.

- 1. Costs incurred on or before August 1, 1987, for a remediation.
- 2. Costs for cleanup resulting from spills from petroleum transportation equipment.
- 3. Costs for investigations or remedial action activities conducted outside the state of Wisconsin.
- 4. Tank emptying, cleaning, disposing, removing, and closing costs after November 1, 1991.
- 5. Laboratory rush charges, unless related to an approved emergency action.
- 6. Air travel.
- Costs associated with tank-system upgrades or retrofits, and any corresponding compliance with other state or federal rules or laws, and future business plans.
- Costs for repairing, retrofitting, or replacing a petroleum product storage system or home oil tank system, such as for tank bedding materials or fill for setting tanks, lines, or canopies.
- 9. Costs associated with capital improvements, reinstallation of electrical power, dispensers, pumps,

or other items for retrofits, upgrades, or new construction, unless written department approval is received prior to performance of the corresponding work.

- 10. Costs associated with concrete, blacktop replacement, on- site landscaping, or other improvements: except for depreciation costs for thirdparty actions, or for asphalt or concrete patching associated with well abandonment, or where written department approval is received prior to performance of the corresponding work.
- Costs associated with razing of buildings, removal of roads, removal of footings and foundations, or other destruction of structures, or other redevelopment costs, unless written department approval is received prior to performance of corresponding work.
- 12. The opportunity cost of money, or interest income or dividend income lost because of a decision to use internal funding for a remediation.
- Subcontractor markups for work performed after January 31, 1993. This subdivision does not apply to work that is included in a public bidding contract executed under s. Comm 47.69(1).
- 14. Costs associated with general program support and office operation which are expected to be included in the hourly staff rates, such as telephone charges, photocopying, faxes, paper, printing, postage, hand tools, personal protective equipment, computer equipment, computer-aided-design, and software charges.
- 15. Costs reimbursed by insurance companies unless performing in an agent role.
- Costs associated with fees required by any other state agency, such as fees authorized by s. 292.55, Stats., and fees listed in ch. NR 749, except DNR closure review fees incurred prior to October 29, 1999.

## WHAT COSTS ARE IN-ELIGIBLE CON'T?

- 37. Costs determined by the Department to be excessive.
- Costs incurred by a responsible party associated with bid requirements or project administration such as consultant selections, monitoring or supervising subcontractors or consultants.
- 39. Interest costs associated with costs that are ineligible under this section or s. Comm 47.30(3).
- 40. Interest costs excluded under s. Comm 47.60(2) (a), 47.625, or 47.69(1) (b).
- Costs determined by the department to be excessive, as defined by the usual and customary cost schedule periodically established by the department under s. Comm 47.325.
- 42. Costs for any work performed where a contract is not in place as required in s. Comm 47.33(2) (a) 1.
- 43. Costs incurred for services exempted under s. Comm 47.33(6) (b) 1, if the costs are incurred prior to the department approval required under s. Comm 47.33(6) (b) 2., and the approval requirement is not subsequently waived by the department.
- 44. Costs which exceed the \$20,000 limit in s. Comm 47.337(2)(a) for a site investigation and remedial action plan, and which are incurred prior to either providing the notices that are required in s. Comm 47.337(2)(c), or obtaining the approval which is required in s. Comm 47.377(2)(b).
- 45. Costs for any work performed after submittal of the notice of completion of an investigation under s. Comm 47.62(4) and prior to the department's issuance of a response to the responsible party and the consulting firm under s. Comm 47.62(5).
- 46. Costs for any work performed more than 5 business days after the department issues a decision under s. Comm 47.62(5) that an occurrence is subject to the public bidding process in s. 47.68, if the work is conducted outside of that process.
- 47. Costs for any work that is performed after submittal of a written deferral notice under s. Comm 47.63(5) (c) and prior to a departmental authorization to proceed with additional activities.
- 48. Costs for any unauthorized work performed more than 5 business days after the department issues a directive or notice under s. Comm 47.64(1) about using the public bidding process in s. Comm 47.68.
- 49. Costs for any unauthorized services that are performed by any party other than a firm which submitted a bid under s. Comm 47.68(2) and with which a contract is executed under s. Comm 47.69, if they are conducted after the qualified low bid is determined under s. Comm 47.68(3).

- 50. Costs that exceed the maximum reimbursement established under s. Comm 47.68(7) (d).
- Costs for unauthorized work performed more than 5 business days after the department issues a disqualification notice under s. Comm 47.70(4) (d).
- 52. Costs for any work performed between the due date of any submittal required under this subchapter and the date a past-due submittal is actually submitted.
- 53. Costs for performance bonds.
- Costs incurred that exceed caps established by the department unless written department approval is received prior to performance of the corresponding work.
- 55. Interest ineligibility:
  - a. If a claim is submitted more than 120 days after receipt of no further action notification, interest costs incurred 60 days after notification are ineligible.
  - b. If written notification of no further remedial action was received prior to August 31, 2001, & the final claim is submitted more than 120 days after 8-31-01, interest costs incurred after January 2, 2002 are ineligible.