

Norquist, Elizabeth A - DNR

From: Thon, Stephen F - DNR
Sent: Monday, July 23, 2007 6:47 AM
To: Boettcher, Jim E - DNR; Norquist, Elizabeth A - DNR
Cc: Evans, Bill J - DNR
Subject: RE: WCR--Morning of July 30th

I also believe that it was atrazine. If my memory serves me the funding was a federal source. I believe that at that time there was a "pot of gold" through USDA that both Boyd and Augusta tapped into. It was pretty short window of opportunity. I recall having to rush the funding application through. And I recall working with Jim Suering of FmHA in St. Point. So...perhaps no state money was used.

From: Boettcher, Jim E - DNR
Sent: Thursday, July 19, 2007 1:20 PM
To: Norquist, Elizabeth A - DNR; Thon, Stephen F - DNR
Cc: Evans, Bill J - DNR
Subject: RE: WCR--Morning of July 30th

I don't have a file.

This is so old that Steve worked on it with Jim Anklam.

That's B.B. as in Before Bill.

I'm pretty sure it was an atrazine case and believe ERF money was used.

From: Norquist, Elizabeth A - DNR
Sent: Thursday, July 19, 2007 10:18 AM
To: Boettcher, Jim E - DNR; Thon, Stephen F - DNR
Cc: Evans, Bill J - DNR
Subject: FW: WCR--Morning of July 30th

Jim or Steve,

Do either of you have a file called "Boyd Municipal Well #3" with information regarding what state funding was used. BRRTS has a notification, well abandonment, and closure. Any information would be appreciated.

Thanks,
Beth

From: Evans, Bill J - DNR
Sent: Wednesday, July 18, 2007 3:36 PM
To: Brumberg, Loren A - DNR; Norquist, Elizabeth A - DNR; Collins, Patrick J - DNR
Cc: Kalnicky, Richard A - DNR
Subject: RE: WCR--Morning of July 30th

See message below.

Pat - I just left a message with Bob Baczynski asking if he could bring the old Troutbrook Road state lead file here for Dick to access. Would you make sure he can get that and bring it to Eau Claire sometime next week?

Beth - can you try to track down the Boyd Muni well #3 file? I seem to recall looking for this some time ago and had trouble trying find the file and there wasn't anything in BRRTS because it was handled by water supply (Thon and/or Boettcher).

Can you track down the Eau Claire battery/Phoenix park file in the closed file (or it may be in an oversize box in garage)?

Dick - If there is additional time maybe that would be a good time to review our hours and any strategizing on where we can better meet our grant commitments.

I have the small conference room reserved for you, and Eileen said you could use her computer for email.

Let's plan on going to lunch, I'm sure there will be a few others that will go.

Bill

From: Kalnicky, Richard A - DNR
Sent: Wednesday, July 18, 2007 1:37 PM
To: Evans, Bill J - DNR
Cc: Kramer, Eileen - DNR; Brumberg, Loren A - DNR; Kalnicky, Richard A - DNR; Strous Jr, Robert E - DNR
Subject: WCR--Morning of July 30th

Bill, here are my updated planned activities during my hours in your office on the above date.

1. For the BRRTS Financial Module, get state lead action code dates related to the following sites (I'd like to have access to site files): -Murray Machinery--several contracts--may want to confirm what happened with Loren
 - Onalaska--Dodge Chute done in 1994 (I was the contract coordinator)
 - Boyd Municipal Well #3--in 1993 or 1994 timeframe
 - Eau Claire City Battery (Eau Claire Lead)--mid-1990's associated with WDNR's \$200,000 payment--may also want to confirm with Loren
 - Troutbrook Parkview Estates--near Junker Landfill--costs incurred in early to mid-1990's
2. Discuss the Onalaska Landfill O&M project with Eileen. We're close to the end of the current contract--it is scheduled to end November 30, 2007--and we will need to start a new one December 1, 2007 or shortly thereafter. Also, Gordon, Giesfeldt and I will be at the Superfund Meeting next week, and one of the topics we'd like to discuss is what EPA might pay for once states have taken over O&M at fund-financed Superfund sites--I can relay what we heard to Eileen.
3. I would like to have access to a computer to get caught up on email as I will have been away from the office from the afternoon of July 24th through July 27th except for 2 or 3 hours on the morning of the 27th.
4. Anything else Bill that would be helpful to you or your staff--just let me know.
5. Going out to lunch with WCR RR would be great before I head back to Madison.

Thanks.

Map Created on Jul 18, 2007



Legend

- All activities
- ▲ LUST open
- ERP open
- LUST closed
- ERP closed
- Larger Activities
- LUST open
- ERP open
- LUST closed
- ERP closed
- County Boundary
- 24K Open Water
- Municipalities

0 750 1500 2250 ft.

Map created on Jul 18, 2007



Scale: 1:7,918

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

→ Larry Schaefer

CORRESPONDENCE/MEMORANDUM

State of Wisconsin

DATE: January 6, 1993

FILE REF: 4440

TO: Bob Strous - SW/3

FROM: Doug Joseph - WD

SUBJECT: (REVISED) EF Funding Request for the Village of Boyd Case

SITE HISTORY

On April 29, 1991, Area Waste Water/Water Supply Engineer Steve Thon collected water supply samples at the Village of Boyd's municipal well #3. The Village of Boyd, in Chippewa County, had two municipal wells at that time. The results of analytical results from the 4/29/91 sampling indicated an NR 140 enforcement standard exceedance for atrazine at a concentration of 3.9 ug/L and the presence of deethylatrazine at a concentration of 1.0 ug/L. The NR 140 enforcement standard at that time was 3.5 ug/L for atrazine specifically. Boyd municipal well #3 was taken off-line at that time and current Village plans would permanently dismantle this well. Funding has been approved through the Farmers Home Administration to replace this municipal well in 1993.

During the course of 1992, samples were collected and analyzed at the two (2) municipal wells and private wells within 1200 feet of municipal well #3. Sample results continue to indicate the presence of atrazine + metabolites in several private wells, three (3) LUST monitoring wells to the west of municipal well #3 and in municipal well #3 at concentrations ranging from 3.5 to 16.2 ug/L.

An RP search and investigation has been ongoing since October of 1991. There are five suspected potential sources of the atrazine contamination in the area. They are as follows:

1. L&M Agri: This is a pesticide and fertilizer mixing and loading facility approximately 900 feet north of municipal well #3. L&M Agri. was sent an RP letter on January 10, 1992. They hired a consultant, Cedar Corp. of Menomonie, and have conducted a soil investigation in which only low levels of soil contamination were detected. They have been unwilling or financially unable to install the monitoring wells, which I requested in a letter dated October 8, 1992.
2. River Country Coop: This is a feed and agricultural chemical supply cooperative, located approximately 1600 feet west of municipal well #3, which had historically mixed and loaded on-site through the early 1980's. L&M Agri. had also mixed and loaded at this site until 1989. No RP action has been taken at this facility.



3. River Country Coop LUST site: This is a former petroleum service station which is located approximately 300 feet west of municipal well #3. Interviews with area residents indicate that mixing and loading was conducted on this property intermittently through 1989. No pesticide related RP action has been taken at this facility.
4. Wisconsin Central Limited Railroad (formerly Soo Line): This railroad operates an active right-of-way, with tracks running east/west through Boyd and approximately 75 feet south of municipal well #3. They annually apply a pesticide tank mix of 6 lbs. of atrazine, 2 lbs. of 2,4-D and 6 lbs. of Karmex/acre to an area of eight feet in both directions of the center of the track. No RP action has been taken with this company.
5. Due to Boyd's geographical location in the center of a large agricultural watershed, there is some potential that the atrazine contamination of area wells may be field application related. It is, however, unlikely.

SITE RANKING & PRIORITY

The site ERRP pre-score is 28.6, which is not extremely high. However, due to the limitations of any environmental ranking system, the Western District feels that this case is a high priority because it has impacted a municipal well. Municipal well #3 will be used if the Village's alternate well should fail. It is also likely that an RP will be identified through the proposed EF investigation. The potential of cost recovery is unknown at this time.

PROJECT OBJECTIVES

The objective of this project would be to identify an RP and also in doing so, determine that the location of the proposed new municipal well is not vulnerable to existing pesticide contamination. The area is representative of a very complex geologic and hydrogeologic setting. The scope of work would be limited to the installation of five (5) groundwater monitoring wells, two (2) piezometers, one (1) round of triazine sampling and two (2) rounds of GC analytical work for pesticides. Soil borings, soil samples (for soil classification) and monitoring wells will be installed in accordance with NR 141 requirements.

Due to the fact that the placement of the new municipal well is pending, it would be preferable if we could begin the installation of monitoring wells as soon as possible. We have determined the locations of the proposed monitoring wells in case this request for EF funds is approved. A reasonable start date would be within 45 days of project acceptance. I will assume the Project Manager role for this project and, unless a specific ERR time code is assigned to this site, code hours to SW200 and WS400, where applicable.

PUBLIC INFORMATION & PARTICIPATION

No Public Information work has been done at this time, but current guidelines for this will be adhered to by District staff. It is proposed that, upon approval of funding for this project, we will issue a news release and prepare a fact sheet to inform the general public of the nature of the problem, and scope and goals of the current investigation. The fact sheet will be sent to township and village elected officials, the Chippewa County Health Department, and appropriate state representatives and senators. Additional copies would be available and displayed at township and village governmental buildings.

Following the review of results attained during the investigation, an investigative summary will be prepared and submitted in the same manner as presented above. The Department will remain responsive to other informational needs requested by local media and governmental officials.

COST ESTIMATE

I have received confirmation from Gary LeMasters of DATCP, that DATCP will analyze and fund one round (11 samples) of GC analysis for pesticides at their lab. I have included a copy of Gary's confirmation letter.

The anticipated budget for this project is as follows:

1.	(5) groundwater monitoring wells 50 ft. deep @ \$40/ft.	\$10,000
2.	(2) piezometers 75 ft. deep @ \$40/ft.	\$ 6,000
3.	(1) round of triazine screens at 12 locations @ \$17/sample	\$ 204
4.	(2) rounds of GC analysis at 7 locations @ \$117/sample	\$ 1,638
5.	Survey of well casing elevations (approximate)	\$ 3,000
6.	Well abandonment of (7) wells @ \$200/well	\$ 1,400
7.	Misc. (unforeseen) project costs	\$ 1,000

	TOTAL ESTIMATED COSTS	<u>\$23,242</u>

- c: Dave Lundberg/Bill Evans - WD
- Steve Thon - ECA
- John Paddock - WD

CORRESPONDENCE/MEMORANDUM

STATE OF WISCONSIN

Department of Agriculture, Trade and Consumer Protection

DATE: December 17, 1992
TO: Doug Joseph, DNR Western District
FROM: Gary LeMasters *Gary*
SUBJECT: Sampling monitoring wells at Boyd

As per our discussion, we will analyze a maximum of 11 water samples from the monitoring wells being installed at Boyd as part of the investigation into atrazine contamination of the municipal well. Kevin Brey can request the glass bottles from the DATCP lab. Please let me know when you will sample. I may want to come up to help, in which case I could bring up the bottles myself.

cc: Kevin Brey



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

2004 Highland Avenue
Eau Claire, WI 54701-4346
TELEPHONE 715-839-3777

March 16, 1992

File Ref: 3300

Ms. Diane Meyer, Clerk
Village of Boyd
P. O. Box 8
Boyd, WI 54726

RECEIVED
MAR 18 1992
DNR-WD

SUBJECT: Waterworks Contamination at Well #3

Dear Ms. Meyer:

I would like to take this opportunity to review some of the information and provide recommendations concerning the contamination of municipal well #3 with herbicides, primarily Atrazine.

In April, 1991, a random sampling of public water supplies detected the presence of Atrazine in the city well. The presence was immediately confirmed by an additional sample. Subsequent samples have found a continued presence. The levels have ranged from 0.7 ppb to 16.0 ppb. The State of Wisconsin Health Advisory Limit for this chemical is 3.0 ppb. The Village is in violation of this limit.

Immediately upon detection of this chemical the well was removed from service and remains off line. The Village issued a public notice to the water users in June 1991 as required by the Department (copy enclosed).

The Village is currently operating the system on one well. This potentially leaves the Village with an acute shortage of a sufficient quantity of water in times of extreme use, such as fire or during periods of mechanical breakdown.

It is the Department's recommendation that all municipal systems have a minimum of 2 wells in order to assure an adequate supply at all times. I will expect the Village to make every effort to replace this well at the first reasonable opportunity.

Water Department

General

Sewer Department

P. O. BOX 8
~~829 X EX PATYEN STREET~~
715 E. Murray St.

VILLAGE OF BOYD

PHONE: 715-667-3420

CHIPPEWA COUNTY
BOYD, WISCONSIN 54726-0008

RECEIVED

JUN 24 1991

ONR - ECA

June 21, 1991

Mr. Larry J. Schaefer, R.S.
Water Supply Supervisor
Western District Headquarters
1300 W. Clairemont Avenue
P.O. Box 4001
Eau Claire, WI 54702-4001

Dear Mr. Schaefer:

Enclosed is a copy of the Public Notice that will be published in the Stanley Republican on Thursday, June 27, 1991.

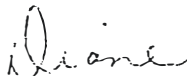
The well that is contaminated was taken out of service in April, right after Steve Thon gave us notice of the atrazine problem.

The Village of Boyd will be looking into the drilling of a new well.

If you have any question, please contact me.

Sincerely,

VILLAGE OF BOYD



Diane K. Meyer
Clerk/Treasurer

Enc.

cc: Steve Thon

PUBLIC NOTICE
FOR HEALTH ADVISORY
BOYD PUBLIC UTILITY CUSTOMERS

The Wisconsin Department of Natural Resources requires that we publish this notice to inform you of a violation of the health advisory level for Atrazine in the Boyd water system. The State health advisory level for Atrazine is set at 3.0 parts per billion to reduce risks associated with health effects.

This chemical has been shown to affect offspring of rats and the heart of dogs. The EPA sets drinking water standards and has determined that Atrazine is a health concern at certain levels of exposure. This organic chemical is a herbicide, when soil and climatic conditions are favorable, it may get into drinking water by runoff into surface water or by leaching into ground water. All consumers are affected equally by the contaminate.

The well has been taken out of service and there is no need to seek an alternate water supply. This action taken by the water utility is sufficient to protect water users and an investigation into a replacement well is being started.

If you wish to receive additional information regarding this notice, you may contact Bob Naves at 667-3266/3373 or Tom Grunewald at 667-3266/3505.

Boyd Public Utilities

ATTN. _____	<input type="checkbox"/> PRETREATMENT WW/2	Date: <u>08 12 91</u> M M D D Y Y
<input type="checkbox"/> ENV. ENF. EE/5	<input type="checkbox"/> MUNIC. WASTEWATER SECTION WW/2	Time (24-Hour Clock) <u>19:00</u>
<input type="checkbox"/> PRIV. WATER SECTION WS/2	<input type="checkbox"/> IND. WASTEWATER SECTION WW/2	Contact Method
<input checked="" type="checkbox"/> PUBL. WATER SECTION WS/2	<input checked="" type="checkbox"/> L. SCHNEFER WCD DISTRICT	<input checked="" type="checkbox"/> In Person <input type="checkbox"/> Telephone

Facility Name <u>BOYD PWS</u>	Location (Address or 1/4-1/4) <u>BOYD</u>	County <u>CHIPPewa</u>
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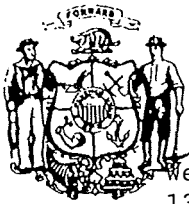
Facility I.D. Or Wis. Unique Well Number <u>009 044920</u>	WPDES Permit Number _____	District No. <u>6</u>	DNR Person Making Contact <u>THON</u>
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Facility Representative Contacted <u>VILLAGE BOARD</u>	Title or Position of Representative
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Activity Codes <u>CT</u>	Representative's Telephone Number (including area code)
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ATTEND BD MTG TO DISCUSS WELL #3 CONTAMINATION:

- 1) ADVISE BD OF DATCP SOIL RESULTS AT L+M SUPPLY
- 2) ADVISE BD OF TRIAZINE SURLEN RESULTS AT PVT WELLS
- 3) DISCUSS POTENTIAL FUTURE ACTIVITIES
- 4) ADVISE BD THAT PROJECT WILL BE RANKED TO DETERMINE PRIORITY FOR DNR HYDRO. WORK
- 5) ADVISED BD THAT THEY WOULD PERSUE LEGAL ACTION ON THEIR OWN AGAINST PRP IF THEY KNOW WHO IT IS.
- 6) BOARD DECIDED TO ~~ACT~~ WAIT FOR DNR ACTION



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

file
Carroll D. Besadny
Secretary

Western District Headquarters
1300 W. Clairemont Avenue
P.O. Box 4001
Eau Claire, WI 54702-4001

June 13, 1991

File Ref: 3310

Ms. Diane Meyer, Clerk
Village of Boyd
Box 8
Boyd, WI 54726

Dear Ms. Meyer:

Re: Atrazine Contamination - Boyd Waterworks

The results of a recent sample taken by Steve Thon of our Department from municipal well No. 3 indicates that Wisconsin's Health Advisory level has been exceeded for Atrazine. This standard is 3.0 parts per billion (ppb), and the sample collected by Steve Thon on April 29, 1991, had a concentration of 3.9 ppb Atrazine.

Atrazine is a corn herbicide commonly used throughout Wisconsin. It is suspected to be a human carcinogen. The Wisconsin Department of Health and Social Services and this agency have identified a concentration of 3.0 ppb as a level above which some sort of action be taken to resolve the problem.

While the short-term risk for the concentration found in your well is low, the presence of any such compound in the drinking water is cause for concern. In response to the contamination, the Department requests the following actions:


1. The well must be removed from service. It is my understanding that the Village of Boyd has already taken this step. The only exception would be a fire emergency or should you lose service of your other well for some reason. The Department must be notified within 24 hours when these emergencies occur.
2. The village should pursue a long-term solution, such as drilling a new municipal well. The Department recommends that sampling of well No. 3 be done on a quarterly basis to monitor any changes in the concentration of atrazine.

3. The Department requests that the village provide a public notice in the local newspaper as soon as possible, but no later than 14 days from the date of this letter. The notice shall provide the following information:
 - a. Clear and understandable explanation of the exceedance of the health advisory.
 - b. The population put at risk because of the exceedance.
 - c. Actions the village has or will take to address the problem.
 - d. Inclusion of the health effects of atrazine (information enclosed).
 - e. The name and telephone number of the operator or designee of the water system as a source of additional information.
 - f. The notice must be conspicuous and must not contain unduly technical language or small print.

A sample notice is enclosed to assist you in formulating your public notice. Please provide this office with a copy of the notice.

Please advise me by July 15, 1991, as to what action you will be taking to address this problem. If you have any questions regarding this letter, please contact me at 839-3745 or Steve Thon at 839-3776.

Sincerely,



Larry J. Schaefer, R.S.
Water Supply Supervisor

Enc.

c: Steve Thon - ECA
Robert Baumeister - WS/2
Ned Zuelsdorff, Dept. of Agriculture, Trade and Consumer
Protection, 801 W. Badger Road, Madison, WI 53713

WS/LS021.sz

<p>RECEIVED MAY 23 1991</p>		<input type="checkbox"/> PRETREATMENT WW/2 <input type="checkbox"/> MUNIC. WASTEWATER SECTION WW/2 <input type="checkbox"/> IND. WASTEWATER SECTION WW/2 <input checked="" type="checkbox"/> PUBL. WATER SECTION WS/2	<p>Date: 052491 M M D D Y Y</p> <p>Time (24-Hour Clock): 0700</p> <p>Contact Method: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Telephone </p>
ATTN. _____		<input checked="" type="checkbox"/> L. SCHAEFER VCD DISTRICT	

Facility Name BOYD PMS	Location (Address or 1/4-1/4) BOYD	County CHIP
Facility I.D. Or Wis. Unique Well Number 009044920	WPDES Permit Number -----	District No. 6 DNR Person Making Contact THON
Facility Representative Contacted BOB NAVES + JERRY GULLEY	Title or Position of Representative SUPT + VILL. PRES	
Activity Codes CT	Representative's Telephone Number (including area code)	

DISCUSS ATRAZINE CONTAMINATION AT
WELL # 3

- 1) MEET WITH BOB TO DISCUSS NEWS RELEASE
- 2) ADVISE BOB ON DETAILS OF RELEASE AND LIKELY FOLLOW UP ACTIONS
- 3) CONTACT JERRY GULLEY BY PHONE (HE IS V.P.) - ADVISE ON DETAILS

NOTE: GULLEY ALSO OWNS THE BOYD FEED SERVICE - THEY DO NOT HANDLE PESTICIDES



Wisconsin Dept. of Natural Resources
West Central District
1300 W. Clairemont Ave.
Call Box 4001
Eau Claire, WI 54702-4001

STEVE THON WILL BE AVAILABLE AT (715) 839-3700 UNTIL 1 PM 5/24/91
TO ANSWER QUESTIONS AND FOR INTERVIEWS.

May 23, 1991

BOYD -- A water sample analysis, completed May 22 at the State Lab of Hygiene, has confirmed that the atrazine level in a Village of Boyd well exceeds the health advisory level established by the State Division of Health.

The Village of Boyd Well No. 3 was shut down in late April after random testing of public water supplies detected the presence of atrazine, a commonly used herbicide and remains shut down. The Village of Boyd's Well No. 4, which has been tested and is free of contamination, has been supplying water for the community and no shortage of water is anticipated.

The health advisory levels are established to provide protection from threats due to long-term consumption of contaminated water. The atrazine level found was 3.9 parts per billion which exceeds health advisory level of 3.0 parts per billion.

Department of Natural Resources Environmental Engineer Steve Thon said follow-up sampling of Well No. 3 will be done to determine if contaminants remain above health advisory levels.

The Department of Natural Resources will attempt to seek out potentially responsible parties who would be responsible for thorough investigations of groundwater contamination. The Department of Agriculture Trade and Consumer Protection is responsible for regulating pesticide use and may assist in investigations.

CONTACT:

Steve Thon, Environmental Engineer
Department of Natural Resources
Eau Claire, WI.
(715) 839-3776

David Weitz
Information Officer
(715) 839-3715

Larry Schaefer, Water Supply Supervisor
Department of Natural Resources
Eau Claire, WI.
(715) 839-3745

boydwell.rel