



**Nebraska Wellhead Protection Network
Meeting Notes**

Wednesday, May 29, 2013 11:30 a.m. - 2:00 p.m.
NDEQ Van Dorn Facility
Lincoln, Nebraska

Present: Daryl Andersen, Little Blue NRD; Colleen Cassada, NE Department of Health and Human Services; Ryan Chapman, Nebraska Department of Environmental Quality (NDEQ); Russ Iwan, Metropolitan Utilities District; Jon Kenning, NDEQ; Chad Kudym, Beehive Industries; Marty Link, NDEQ; Pat O'Brien, Nebraska Association of Resources Districts; Harold Reynolds, Midwest Assistance Program (MAP); Mary Schroer, NDEQ; Mike Schwab, Beehive Industries; Jenny Sidlo, Hastings Utilities; Kevin Tobin, Metropolitan Utilities District; Jim Weir, NDEQ; Courtney Woodman, Upper Big Blue NRD; Jane Griffin and Cindy Kreifels, The Groundwater Foundation (TGF).

Cindy Kreifels (The Groundwater Foundation) - welcomed the participants to the meeting and went over the agenda for the day. Kreifels explained that she would be taking Jamie Kelley's place facilitating the Wellhead Protection Meetings due to an increase in Kelley's work load. TGF is still pursuing CEUs for the March meeting.

Nebraska Wellhead Protection Program Updates

Jane Griffin (TGF) - shared information about The Groundwater Foundation's Groundwater Guardian Green Sites program and a new recruitment competition they are working on in cooperation with Rain Bird. The first 80 sites to enter Green Sites this year will be entered into a drawing to win \$2,000 of Rain Bird products.

Colleen Cassada (DHHS) - reported that 18 systems are currently on administrative order for nitrates. The chart below shows which systems and steps they are taking to resolve the issue. Only a few are using wellhead protection as a tool.

Water System #	Name	PWS Type	Date AO Issued	FED ID #	Methods for RTC
NE3103505	Edgar, City of	C	01/01/2005	2128105	WHP
NE3150277	Garden Co Dist 35 Jr High School	NTNC	01/10/2012	68319	Treatment/RO
NE3105306	Green Acres Mobile Home Court	C	07/10/2008	2140408	Treatment/RO
NE3106105	Hildreth, City of	C	08/29/2006	2077007	Blending
NE3114702	Humboldt, City of	C	12/01/1998	1354799	Well Project/No WHP nitrates>15
NE3150324	Indianhead Golf Club	NC-T	04/08/2011	2132411	Becoming Consecutive System
NE3114104	Lindsay, Village of	C	11/15/2010	384620	New Well
NE3120764	Maxs Bar	NC-T	09/12/2012	2051124	Treatment/RO
NE3121341	Meadowlark Annex Motel & RV Park	NC-T	10/11/2012	14	Treatment/RO
NE3113903	Osmond, City of	C	05/20/2013	2017438	Not Determined at this time
NE3120752	Proctor & Gamble	NTNC	04/08/2011	808	Treatment/Ion Exchange
NE3120372	Prosser, Village of	C	05/20/2013	216514	Not Determined at this time
NE3114701	Richardson CO RWD #1	C	11/01/1997	50198	WHP/Well Project with Humboldt
NE3120567	Seward Motor Freight Inc	NTNC	11/29/2012	1355706	Nitrate Filtering System
NE3109502	Steele City, Village of	C	06/17/2009	2151409	WHP
NE3121290	Subway	NC-T	09/12/2012	322	Treatment/RO
NE3120524	T & K Pitstop Bar & Grill	NC-T	09/07/2012	2129115	Treatment/Ion Exchange
NE3120563	UNL-Ag R & D	NTNC	04/08/2011	1493210	Treatment/RO

Marty Link (NDEQ) - mentioned that Pat O'Brien is leaving NARD and that he will be missed in that capacity.

Jon Kenning (NDEQ) - NDEQ has \$1.5 million to install monitoring wells within the next year.

Daryl Andersen (Little Blue NRD) - working with Prosser who was recently put on administrative order for high nitrates. They are looking into the possibility of installing reverse osmosis systems in all houses to deal with the problem. Also working with Edgar and Hastings.

Ryan Chapman (NDEQ) - shared a list of the communities with state approved wellhead protection plans pointing out that there are currently 97 approved plans out of a potential 533 communities in Nebraska.

Harold Reynolds (Midwest Assistance Program) - working with Rosalie to identify its wellhead protection area. Also working with Rural Water system from south of Norfolk to Humphrey where wells are dry. 250 individuals have paid to be a part of the program.

Kevin Tobin/Russ Iwan (MUD) - working to get a wellhead protection plan in place for both the Platte South and Platte West plants.

Mary Shroer (NDEQ) - the RFP for the source water protection program is available online for communities of 10,000 or less.

Jenny Sidlo (Hastings Utilities) - doing summer sampling in the wellhead protection area with a focus on uranium.

Courtney Woodman (Upper Big Blue NRD) - working with the Village of Polk on wellhead protection. Conducting contaminant source inventory in Aurora.

Jim Weir (NDEQ) - working on physical mapping of wellhead protection areas.

Pat O'Brien (NARD) - Will be leaving the NARD at the end of June to take the manager position at Upper Niobrara White NRD. Jenny Swanson and Dustin Wilcox will replace him at the NARD. Developed a groundwater management plan that outlines tools for an area that includes four NRDs, three counties, and several villages with a unified approach for adoption. Central Platte NRD is an example of how this approach will work. Working to get 319 funding for groundwater management plans and also open up funding from other sources such as NET, EQUIP, etc.

Cindy Kreifels (TGF) - Mentioned projects TGF has begun with the Girl Scouts and Science Olympiad to educate youth about groundwater. TGF also has a newly redesigned website at www.groundwater.org.

Presentation: Hydraulic Fracturing, Marty Link, Water Quality Division Administrator, Nebraska Department of Environmental Quality. Shared basic information about hydraulic fracturing including what it is, potential impacts, and a website (www.fracfocus.org) for additional information. Powerpoint presentation is available.

Presentation: The Value of Asset and Infrastructure Management, Mike Schwab, Product Manager, Beehive Industries. Shared information about the importance of utilizing the data

communities have collected within a system that can easily reflect that data in a useful and meaningful way. Showcased a project Beehive did with the city of Grand Island in which all of the city's data sets are now overlaid into a GIS system for easy accessibility and use. Powerpoint presentation is available.

Kreifels reminded members to think about and let her know of topics/speakers they would like to have at future meetings. The next meeting of the WHPN will be held in the fall.

Meeting was adjourned.