

NEWTON GRAVEL PIT MINUTES
CITY OF MANITOWOC/DNR
February 23, 2017, 1:30 pm
City Hall 2nd Floor Conference Room

Attendees: Dave Henderson – AECOM
Dan Koski, Kathleen McDaniel, Greg Minikel, Karen Dorow – City of Manitowoc
Tauren Beggs and JaNelle Merry – WDNR

1. Introduction – New DNR Team Member – JaNelle Merry
 - ❖ J. Merry was introduced and got an update from T. Beggs and D. Johnson. She feels comfortable and up to speed with the site and activities.
2. Background overview of site and activities to date for J. Merry.
 - ❖ D. Henderson will review the potable well activities and the Power Point later in the meeting should fill in any gaps. J. Merry is aware of the special well casing area. She is aware of the potable well area as she and L. Heinen went door to door when the exceedances originally happened.
3. Potable Well Sampling – October Report
 - ❖ D. Henderson has a little proof work to be done and he will get it out next week. We had two new VC hits on Thunder Ridge.
4. Groundwater Sampling – October Report
 - ❖ D. Henderson will have staff finish up soon. Results have been reviewed and are consistent with past testing. Report should be out in a few weeks.
5. Status Two (2) New Potable Well Installations
4005 Thunder Ridge & 4010 Thunder Ridge
 - ❖ City is working out details of installation with property owners. They should be installed in the next couple of months. Property owners have been provided bottled water. J. Merry asked how Groundsource knows when to begin drilling. K. Dorow advised that she contacts them to get into their schedule and will let DNR know when drilling will begin.
6. 3rd Sampling – Replacement Potable Well 3504 CTH CR
 - ❖ City agreed that we would purge new well and take a sample for VOCs and upon receipt of results let property owner know water is ok to use. A second testing is done a month or so later and the third sample usually a month after that water quality testing for iron, hardness and TDS is done along with VOCs. Sometimes this happens with the scheduled potable well testing event. The third test is typically a couple of months after the well has been installed and has been used.
 - ❖ D. Henderson was at Priority IAC before the meeting today and did the third round of samples. The sample port was flushed. Did have an iron smell and there were some iron

deposits in the stub pipe. They do have Water Care for bottled water and used them before we had the detect. There is no R/O system.

7. 2017 Potable Well Sampling Work Plan Discussion

- ❖ D. Henderson explained how we have been doing the work plan in two year increments, work plan with a schedule and addresses. We have identified a target zone within the blue and a sentinel zone within the yellow on the map. Monitoring is set up to sample 1/3 sentinel zone wells and all target zone wells sampled every time. We have finished last work plan and need to provide the DNR with a new work plan from 2017 and 2018. We will be asking for annual sampling for the next work plan. Historically we started quarterly and after two years we went to semi-annual and now we are looking to possibly go annually.
- ❖ We want to be protective of human health and monitor the plume.
- ❖ T. Beggs said Liz was hesitant to go with annual because we still got hits above ES and we are doing well installations. Because of that fact she would rather not switch to annual. J. Merry said that she would like us to continue with the semi-annual testing with adjustments focusing on down gradient areas where the most recent exceedances have been.
- ❖ K. McDaniel asked that this be put in writing that the DNR is requiring semi-annual testing. D. Henderson will include verbiage in his potable well sampling plan that based on the WDNR's evaluation of the previous sampling rounds they are requiring the City to continue with the semi-annual sampling with adjustments focusing on down gradient direction where the most recent standard exceedances have occurred.

8. Phytoremediation Update

- ❖ D. Henderson gave an update on the US Forestry Service activities. R. Zalesny is moving ahead with agreement. He will be coming on March 6th to get soil samples. R. Zalesny asked D. Henderson about taking some mulch from the site. D. Koski approved. MOU with the US Forestry Service - no cost cooperative joint venture agreement for the site. D. Henderson needs to provide a budget on what the city is providing on the no cost side. D. Henderson will work with K. Dorow for the information. Budget will need to be done sometime in the next few days.
- ❖ D. Koski asked about possible loss of funding for this. R. Zalesny did get approval for his hires and is back on track with the program.

9. Permit Update

- a. Chapter 30 Permit
 - ❖ Received Chapter 30 permit and this week D. Koski received the USCOE confirmation of no permits required from them. No action required type of letter. D. Koski will forward to T. Beggs.
- b. WPDES Permit

- ❖ Requested a general permit. We are working with D. Haas. D. Haas said he would issue a general permit. D. Haas asked for a wastewater form be filled out and signed with new official transmittal letter. It will be sent to Madison to wastewater engineers who want to review it. T. Beggs talked to him this morning to understand the request. The request came from J. Knutson, the section chief of wastewater, for a more in depth look at the project. Not sure if it is because it is an unusual project or the uniqueness complex thing that they don't run into very often that he would like the engineers in Madison to review.

10. NR718 Sampling Status

- ❖ T. Beggs, D. Henderson and some others did some negotiating over the last couple of months. They have an agreed to process and scope for sampling. Sampling of the soil around the pond area and below the water table. D. Henderson has provided a scope to the City in his proposal for work this year and once approved, D. Henderson can schedule field work to do the sampling.

11. 292.35 Cost Recovery Status

- ❖ Public Infrastructure Committee Meeting to present information to PRP's is scheduled for March 13, 2017 5:30. Meetings are recorded and put on-line.

12. Public Infrastructure Public Meeting, March 13, 2017, 5:30 pm in Council Chambers.

- ❖ Attire is business casual.
- ❖ Attendance – D. Henderson, N. Witte (City Outside Council), T. Beggs, K. McDaniel, D. Koski, G. Minikel, K. Dorow. J. Merry asked if there was a public inquiry, who it should be directed to. Direct to the website and there is contact information there if they want further information.
- ❖ Goal of meeting under State Statute 292.35, we are required to put on a public meeting. The meeting has been scheduled in concert with monthly Public Infrastructure Committee Meeting. The meeting will be filmed and publicized. There will be a 30 day public comment period afterward.
- ❖ We will plan on using the Smartboard for the presentation in Council Chambers.
- ❖ D. Henderson reviewed the presentation for the meeting.
 - Summary of requested edits to the Power Point
 - Spell out all acronyms/abbreviations
 - Change LNAPL to free product
 - Add zeros to costs/budget to date and add additional estimated costs
 - Add that the cap will be similar to the one placed at the Lemberger site
 - Add picture of SVE pilot study
 - Remove the word fracked, insert trenched or drilled for permeable reactive barrier
 - Aerial is misspelled on Engineered Treatment Pond page
 - Change proboscis to outfall channel with a pipe to the creek
 - Change US Forestry from no cost agreement to intergovernmental partnership and add a photo of trees
 - Add costs to date, costs of remediation and estimated long term costs at the beginning of the slide show and summarize both at the end of the slide show

- Add Continuing Obligations to site closure and beyond - continued long term monitoring will be required
 - Add a slide with information on where to send comments
 - Add Power Point presentation to Granicus and add to the website
- ❖ Make sure that language is changed on RAOR that there is remediation treatment planned beyond the source area and continuing potable well monitoring will be required through closure and beyond. Add zero's to costs and additional estimated cost.

13. RAOR Update Schedule

- ❖ State Statute 292.35 Public Meeting planned for March 13, 2017. 30 day comment period after the meeting. First RAOR report provided to WDNR last summer will be considered the preliminary report. After the 30 days we can provide a final RAOR to T. Beggs.

- ❖ Should comments be submitted to N. Witte and/or K. McDaniel? K. McDaniel will advise. Middle of April the comment period will close. Final RAOR to T. Beggs (soil sampling done before RAOR submittal) end of April. T. Beggs will work to get back to us by end of May. Plans & specs will be developed in tandem. Plan on putting it out on Quest to bid early May. D. Henderson will have a deadline on specs of the end of April or before. We would be looking for a June 19th award at the Common Council Meeting.

14. Other topics

- ❖ Bring snacks to next team meeting.

15. Schedule next meeting – April 27, 2017, Conference Call – 1:30 pm.