

NEWTON GRAVEL PIT AGENDA  
CITY OF MANITOWOC/DNR  
July 23, 2015

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

1. Watermain Update
  - Manitowoc City Council approved running watermain on Viebahn and CTH CR to serve the 8 properties that are currently affected, anticipating completion by November 1, 2015. We are working on the extension permit, county permits, and bid documents. D. Koski and K. McDaniel are going to meet property owners and negotiate water agreements for potentially 2 years. Affected properties will pay same rates as municipal rates. Run to the house only. House plumbing is responsibility of homeowner. The City is willing to negotiate if necessary with properties in the city for sanitary sewer connections. The City is not willing to negotiate with those outside of the city.
  - The City is planning on applying for grant funding through CFWP and loans through SDWLP. The plan for financing will be the public utility paying for the installation upfront and the City to reimburse them next year. D. Henderson is trying to make contact with J. Witthuhn about the grants available. D. Volk of AECOM has done a lot of grants. Potentially three grants would be applicable. Timing is critical.
2. Update on communication with current impacted well owners
  - J. Rhode, K. McDaniel's paralegal, will get appointments set up with property owners to meet next week to negotiate water agreements.
3. 3504 CTH CR – Priority IAC Well Installation Update
  - Initially R. Bruenig wanted the well installed flush with the house. Because of complications with drilling it will be placed near his sign and boring will be done to connect with the current well piping. Mr. Bruenig did not want drilling started until the construction on his property is complete. He has not given us any information on this. He would like a workorder before he gives dates that would work best for his business for drilling the well. We are trying to work with him. Perhaps do a workorder with blanks for dates so he can see the work tasks to be done.
4. Landscaping restoration at completed new well locations
  - D. Koski talked to Groundsource. The wet weather affected the scheduling. All should be complete. We are waiting for Lakeland Landscape to complete 3518 Hecker Road.
5. 3911 Black Hawk Ct. Results
  - We were able to contact the property owner and test the potable well at this address. Results came back with no detects. Results will be sent to the property owner.
6. 3403 CTH CR (Schnuelle) & 3023 CTH CR (Eberhardt) – Well house update
  - D. Koski has plans and drawings for the well houses. D. Koski will be making contact with the property owners. Well houses will be completed by end of fall.

7. Special Well Casing Area – WDNR Update
  - L. Heinen has not heard back from her management. Order was supposed to go into effect February 14, 2015. She is still waiting for an approval. There are two ways to go with this. Initially the plan was to inform the Newton Town Board and send letters out to property owners in the affected area. It was suggested if approved, have the information available at the open house and then send letters to affected property owners. D. Koski suggested sending out the letters and then discussing/answering any questions at the Open house. At open house let property owners know if you did not get a letter you are not affected. K. McDaniel will have T. Caulum run names and addresses off the map for L. Heinen. This special casing area is only for newly constructed wells. As soon as it is approved we will roll it out together and send a joint letter City/DNR letting affected property owners know. After property owners are notified then send to drillers. At the town hall meeting have a map and discuss if needed. L. Heinen will let K. McDaniel know who she needs to contact about the special well casing area. L. Heinen will do a draft of joint letter and send to K. McDaniel for edits.
  
8. Lakeland Landscape - Keep existing well for outside plant watering purposes only.
  - L. Heinen suggested a deed restriction to abandon well if they sell business or if the business ceases to exist. Right in the code there is language that can be used for wording. Labeling requirements would apply on the well and the spigots. L. Heinen approved that Lakeland Landscape can keep the well but would like a deed restriction and posting.
  
9. WDNR Warden interview request– possible dump site – Viebahn
  - Warden Stroess will not be available to do the interview until August. City okayed waiting until August for the Warden Stroess to be available. D. Koski heard there may be another person who had witnessed dumping. He will get info to T. Beggs.
  
10. Costs/Phases of Remediation – Budget – City’s Plan for financing
  - K. Dorow gave update on the plan for splitting out remediation over 2017 and 2018. The City will be spending \$1.2 million next year and cannot afford to do all of the remediation at once. We will be doing remediation but it must be in phases. T. Beggs envisions the pond first, SVE second and lastly the cap. Priority should be placed on the pond.
  
11. Work Plan – 2015 through 2017 potable well sampling, AECOM draft
  - D. Henderson put together a preliminary work plan for potable well sampling for the balance of 2015 through 2017. He would like to get us back on a calendar year sampling plan and is proposing a 1-1/2 year plan, October 2015, March 2016 and October 2016. Beginning in 2017, testing would be back on an annual sampling plan. There are 25 wells in the target area. These wells will be tested in all three proposed upcoming sampling events. There are 32 sentinel wells. Replacement wells – will go on annual testing. J. Junion did a rotation for sentinel wells and it fell out easily. Sentinel wells will be tested on an 18 month rotation. The sampling plan will be coming to the DNR after City approval.
  
12. Balance of 2015 Scope of Work -
  - Project Management
  - Potable Well Sampling
    - 1-1/2 Year Work Plan (discussed above)
  - Pond Groundwater Delineation

- D. Henderson gave overview of the plan for finding the edges of the plume. Driller is scheduled for the week of August 24th.
- SVE Pilot Study & Free Product Characterization
  - Pilot study is scheduled for the week of September 14. The plan is to leave the drums from the borings on site and incorporate them back into the source area when cap is placed.
- Potable Well Plume Delineation – Three Phases
  - D. Henderson is working on phase one of the plan.
  - D. Henderson talked about the spots on Viebahn on the historic aerials that appear to be filling on the back of the auto repair, radio tower, and by the Trembley property. D. Henderson will provide the group with historical aerials and potential dumping sites,
- Annual Site Wide Groundwater Sampling
  - Sampling is scheduled for two weeks in October. There will be a two person crew on-site doing the testing. D. Henderson will send notices to Mancheski and Roberts.
- Semi-Annual Potable Well Sampling
  - K. Dorow will schedule 42 potable wells in early October
- Remedial System Preliminary Design.
- Remedial Action Option Report (RAOR)
  - ROAR will contain remedial system preliminary designs. No plans and specs, it will be very preliminary. It will contain SVE modeling, pond layout, permits required etc. It will look at 3 actions. 1. Do nothing; 2. Pond and SVE treatment; 3. Chemox. It could include potentially discharging treated water to Silver Creek from a pond option. The ROAR will have some budget information – alternatives with estimated costs over a 50 year time period. WPDS regulations and permit - new ones meet 1.3 nanograms/liter of mercury and difficult to apply for variance. Then look at what technology can remove from water (Great Lakes) general permit.
  - D. Henderson asked G. Minikel to have the rest of the property surveyed sometime in early fall.

13. Web Page Update

- No update

14. Other topics

- No other topics to discuss

15. Schedule next meeting

- Thursday, September 24th - 10:00 am