

MANDAN REMEDIATION TRUST (MRT)
March 1, 2016

Meeting: 269th Official Meeting
Date: March 1, 2016
Location: Mandan City Hall, 205 2nd Ave. NW
Time: 10:00 A.M.

The MRT meeting was called to order by Jim Neubauer. Francis Schwindt was present; Dave Glatt was absent. Scott Radig and Marilyn Mertz, North Dakota Department of Health, were present.

Minutes. The Feb. 11, 2016 MRT minutes, as amended, were discussed.

Motion. Schwindt moved to approve the Feb. 11, 2016 minutes as amended; second by Neubauer. All ayes. Motion carried.

Pay Request. Invoice of \$18,311.69 from LBG dated Feb. 18, 2016. There were no issues. Questioned what the CADD file for Ulteig's was about? The statement said "Recreate CADD file." Radig did not know specifically what that was.

Motion. Schwindt moved to approve payment of \$18,311.69 to LBG for the statement dated February 18, 2016; second by Neubauer. All ayes. Motion carried.

Pay Request. City of Mandan wastewater plant charges for January 1 through 31, 2016 for \$1,616.68 and a volume of 101,042 cu. ft. Comments: It is higher than normal. They have been trending up this winter. Water level may be rising.

Motion. Schwindt moved approval of payment and second by Neubauer to approve to pay the city of Mandan \$1,616.68 for January 1, 2015 through January 31, 2016 for industrial wastewater charges. All ayes. Motion carried.

Comments: Neubauer indicated there was one question when he brought up to his staff that 70 wells would be closing or decommissioned this summer is would that effect the water coming through the plant. Radig said it really shouldn't because they are not operating. Neubauer thought they've been shut down in a monitoring phase because I think our industrial discharge permit is due to be renewed so he wasn't sure what kind of volume and what kind of time frame. They will probably do 3 years or 5 years.

Site Closure Plan. Schwindt -- Glatt was going to do some work on it before he would finalize it. I gave Dave some comments before when we did the draft.

Radig hasn't discussed it with Glatt.

Schwindt -- One of the issues that have come up is capping those horizontal gathering lines. When he looked at the different documents Radig had sent out, it was kind of inconsistent. Some places it did reference it and some places didn't. The latest draft, I think, does have that. But after our conversation last month at the meeting here I did call Paul Donovan and asked him for recommendations on how to go about doing that. I'm waiting for a reply. He was going to check with Bob Kruck on how they have abandoned other ones because he said especially those lines that are on the south side of Main they are down 6 or 7 feet so we would have to do a lot of destruction in order to get to those lines. His initial thought was maybe bringing the bentonite above where they come in might be adequate but he was going to do some checking. I asked him about bringing the bentonite up to the bottom of the Tee's and then put a flowable concrete above there. He didn't think too much of that idea because then you are plugging it with concrete and it will take a lot of concrete. I guess I question what we gain by digging down and cutting them off and putting a cap on them. If we can accomplish the same effect by plugging it with bentonite and capping the well without disturbing things, it seems that would be a better way to go.

Radig -- It would take a pretty large excavation to be able to get down, cut off and plug from the side with a cap or something like that.

Schwindt -- The ones even up here I think they are about 3 feet down or something like that. I was going to check the plans, but I haven't done that. They aren't as deep this side of Main as they are on the south side.

Neubauer -- The idea was to keep them below the frost line, somewhere at 3 or 4 feet....

Schwindt -- So even going down 4 feet is going to take a pretty good size hole to go down and be able to get the dirt free around it and get a person down in there to cut them off and cap them so I am waiting for some recommendations.

Neubauer -- It reminds me of taking an old rubber stopper they put in a test tube. You could put that on an arm and could put it down there and pack it in the pipe and seal it off.

Schwindt -- If there was some kind of sock that you could take and put in and fill that with concrete or something.

Neubauer -- Just going back to beakers and test tubes and science days there are rubber stoppers that could be put down and pushed in and then fill it up with bentonite. The bentonite just pushes it in further so it doesn't stop you. You've sealed off that line.

Schwindt -- The issue is that the tube you are trying to push it down to get there is the same size as what you are trying to plug. If you are going to plug that it will plug as soon as you get it in. If it was 6" and then 4" you could do that.

Radig – There are expanding rubber packers that have kind of a compression ring where you spin the nut and it pushes the rubber out, but you would never get that around the corner if they are both the same diameter.

Neubauer – What we used during the flood to plug some of the storm water lines was put a balloon down there and fill that up.

Radig – The balloon isn't permanent.

Schwindt – If it develops an air leak, then you are done. Well anyway waiting for recommendations. I guess that would kind of tie in with waiting for Dave to look at the rest of that closure strategy.

Neubauer – I will ask and see if we can draw up something that says OK here is the spec for how you patch concrete holes. So just don't say you have to pin them and pour them and stuff like that. How deep do we go? How many rods do we have to pin in and all that good stuff. Here is what we need to do so they are consistent and all should be pretty standard. This concrete thing we are taking out and have to pin in.

Schwindt – I didn't ask the city staff that detail whether they have it in the city specs or not. I guess I don't know.

Neubauer – I will pose that question to them. In addition to that I think we looked at doing a presentation to the City Commission on April 5 or 19 on what they have accomplished.

Schwindt – Dave was going to do that, wasn't he?

Neubauer – Dave will do that whatever day works best for him. I think I sent out a note for the Alliance Geo Graphic folks are having a conference this spring and some of them want to talk to them for an hour or 30 minutes in Mandan. Here is the remediation project, be willing to consider taking questions for an hour of your day.

Schwindt – Are you going to do this?

Radig – Either Dave or I can. They offered an honorarium to speak, but we can't take that.

Neubauer – That's what I told her unless Schwindt does it.

Schwindt – I'll pass to Scott or Dave.

Other Business. Neubauer – Have you heard anything at the LEC other than their issues they have going on the second floor....

Schwindt – Nothing more from the LEC.

Brady Martz. Neubauer -- Tax returns are done over at Brady Martz. They can be picked up and Dave can sign and mail them off. Scan or send a copy over or just bring a copy over at the next meeting.

Task Order. Schwindt – I guess the other thing we didn't do last time was and we can probably hold off now was approving the Task Order for LBG. We can wait until Dave is here for that, too.

Neubauer – I don't think we had any issues with the Task Order if I recall. It's just getting 3 of us in the same room at the same time.

Next Meeting. April 5, 2016 at 10 a.m.

Motion to Adjourn. Schwindt moved to adjourn at 10:15; second by Neubauer. All ayes. Motion carried.