

MANDAN REMEDIATION TRUST (MRT)
June 7, 2011

Meeting: 214th Official Meeting
Date: June 7, 2011
Location: Mandan City Hall, 205 2nd Ave. NW
Time: 10:00 A.M.

The MRT meeting was called to order by Fritz Schwindt. Dave Glatt was present and Jim Neubauer was absent. Also attending were Scott Radig and Marilyn Mertz, Department of Health.

Minutes. May 3, 2011 minutes were reviewed. Revisions were made.

Motion. Glatt moved approval of the May 3, 2011 minutes, as amended; second by Schwindt. All ayes. Motion carried.

Bank Statement. The Bank of North Dakota statement for the period ending April 30, 2011 showing a balance of \$8,424,795.63 has been reviewed. Also, BND statement ending May 31, 2011 indicates a balance of \$8,137,532.27. This statement included the payment to the LEC. This is to acknowledge review of the statements.

Pay Request. LBG request in the amount of \$23,438.01 dated May 20, 2011. Radig had no concerns. Schwindt noted the cost of hauling the sludge keeps getting higher. Radig added but it does seem to be less frequent.

Motion. Glatt moved to pay LBG \$23,438.01. Second by Schwindt. All ayes. Motion carried.

Pay Request. Payment request from the city of Mandan for \$1,708.69 covering wastewater charges. Radig noted the charges are in the ballpark as previous ones have been.

Motion. Glatt moved approval to pay the city of Mandan \$1,708.69 for wastewater charges. Second by Schwindt. All ayes. Motion carried.

Screen. Schwindt indicated Doug Doerr of Dakota Fence sent a bid over to Neubauer yesterday but he did not see it. He called them yesterday. When he saw it before, he said they needed to go all the way around on the west side where it is lower because he looked at it and the wind had ripped everything off the post. The grommets were still holding. He figured we might as well do everything right. He came back with a price of \$3,970. Schwindt has no paper work. That is just what Dakota Fence told him on the phone yesterday. He asked Dakota Fence if they could get it done by July 4. They called the factory and were told they are three weeks out on getting the screen made so it will be after the Fourth of July before it even gets in. Schwindt said if we

could have gotten it done before July Fourth, I would have said go ahead and do it, but we are meeting tomorrow so I will bring it to the group and see what they think.

Glatt thinks it needs to be replaced. He would be supportive of going with that expenditure.

Motion. Schwindt moved approval to repair the screen for just under \$4,000. Second by Glatt. All ayes. Motion carried.

Air Quality Permit. It is my understanding that we don't have an air quality permit issue, Dave explained. All we need is a letter from LBG saying this is the operating temperature at this time line and that's all we need. That doesn't require permit monitoring for that, but what our staff will do is they will model based on the lower temperatures just to see if there are any issues. From what they have said they don't have any issues. It's up to LBG if they want to do it and send us a letter.

Schwindt – The last directive we gave LBG is that we would just leave things as they were because of the cost involved in doing it.

Glatt – I think their costs were \$3,000 - \$4,000 for permit modification. My understanding is we don't need a permit modification.

Schwindt – So we can take those costs off, but there were also some costs associated with changing or calibrating everything.

Glatt – I think those costs for recalibrating could be recouped rather quickly.

Schwindt -- Seems like they were in that \$4,000, \$5,000, \$6,000 range for the recalibration. I suppose that would be to bring somebody up here to do that.

Water Levels. Glatt – With the elevated rivers and all that, it would be interesting to see how the water level responds especially after they are going to have high water levels for a couple of months.

Schwindt – I was going to send an e-mail to Tim Kenyon and ask him if they are doing any monitoring on the groundwater. To me it would make sense to at least select two or three wells or something like that and just check those on a weekly or every other week basis or whatever they think is appropriate. Schwindt asked Radig to send that message to LBG.

Glatt – We do not need all the wells just the indicator wells that they are confident that will give us the true reading.

Schwindt – If the water is raising that quickly, we are going to end up with a huge volume of water if they are not adjusting the tubes on the MPE system.

Glatt – They may want to shut down the system for a period of time until the water level goes down.

Radig – I can't remember what the elevation is in the plan to shut it down because it is too high.

Schwindt – At some point you will get above the screen interval.

Glatt – I'm just curious where the water level is. I'm sure they are too.

Schwindt – I would assume that there has been some communication to send something.

Radig will specifically ask.

Glatt – Quite frankly if we are pumping a lot of water the city doesn't need a whole lot of water right now in the sewer system.

Schwindt – No. What are the volumes? 110,000 cubic feet per month or three-quarters of 800,000 gallons for a month; 25,000 – 30,000 gallons a day.

Glatt – Just as soon not have it. They are having issues. They are still treating it, but now it is getting it to the river.

Schwindt -- Why don't you ask them what the impacts might be if we suspended MPE for several months to relieve the load on the wastewater treatment plant.

Glatt – They have trouble with the water loads. What is our return operating it now anyway? The water levels are high enough.

Schwindt – Those are the issues that I had: the groundwater and streams.

Radig – Did you want me to bring up changing the temperature on the RTO?

Glatt – You can ask them what they are doing there. They need to send a letter into Jim Semerad and identify the temperature and date we want to see here.

Schwindt -- I think we need to re-explain things. We checked with the Health Department. It won't require a permit modification and ask what their recommendation would be as far as changing that temperature to 1,200 degrees and when might be a good time to do that if we did do that.

Glatt – Our opinion is other than changing the dials or calibration, it should be a relatively easy procedure to conduct so how does that change their plans and cost?

What is our gas cost?

Radig – That building it is roughly \$20,000 a month.

Schwindt – That's all the electrical?

Radig – Yes. Gas is the big one.

Schwindt – Ken Kytta had a cost estimate breakdown on that handout that he gave us in February. He is talking about \$5,610 to do a RTO modification. The monthly gas usage is \$2,160 at 1,200 degrees that would be \$1,250 so we would save \$1,000. It would take about six months to make that money up. See here is the permit mods that they were talking about. We take that out we would be at about \$900 a month. What we had said after he presented this well let it go for now so I'm sure they are waiting for some kind of indication from us that we want to change our position that we established before.

Glatt – Is there a reason why they went to 1,200? 1,600? Why not 1,000?

Schwindt – I think they were just setting those as set points. Don't know if there is any particular reason that they went with those.

Radig – They already had data on what emissions would be for 1,200 degrees. They did not have data for anything lower than 1,200 so that's why it can be approved now on a permit mod at 1,200 degrees but they would have to do more testing and find other data and have to do more modeling at the Department if they want it different.

Glatt – What I am hearing is... 1,200 because they have the data. If they say we want to go to 1,000 or under then we would have to go collect some data. Unless we want to go lower than the cost would change. It might not be a permit modification but they are going to have to collect samples.

Schwindt – The cost stays the same – 1,200 degrees. Like you guys are saying we can go ahead and do that and that would be the cost we would end up with to go to 1,200. If we could find out from them what would be a good time, does it make any difference? Can this be scheduled along with some other work? Typically they don't come in to do RTO work until the fall so that would be six months out. You would kind of break even.

Radig – I will ask some of those questions.

Next Meeting. MRT will meet July 12, 2011 at 10:00 a.m.

Motion to Adjourn. Schwindt moved to adjourn at 10:30 a.m. Second by Glatt. All ayes. Motion carried.