

**MANDAN REMEDIATION TRUST (MRT)**  
**July 10, 2012**

**Meeting:** 226th Official Meeting  
**Date:** July 10, 2012  
**Location:** Mandan City Hall, 205 2nd Ave. NW  
**Time:** 10:00 A.M.

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

**Minutes.** May 29, 2012 minutes were reviewed. Revisions were made.

**Motion:** Glatt moved to approve May 29, 2012 minutes, as amended; second by Schwindt. All ayes. Motion carried.

**Bank Statement.** MRT acknowledged the bank statement for the period ending June 30, 2012 showing a balance of \$7,789,283.14. Pay request paid on June 1. Interest of \$640.16 was paid. Bank statement ending May 31, 2012 shows a balance of \$7,811,042.90. Three payment requests were paid. Monthly interest was \$663.66.

**Pay Request.** Received LBG's invoice dated June 19, 2012 for a total of \$23,659.08. Radig has reviewed and it is O.K.

**Comments:** Schwindt commented on Clean Harbors waste disposal charge for \$4,100. Radig indicated they are very busy and not doing discounts to anybody. Volume disposed is unknown. Neubauer would like to find that out and questioned the cost to dump that stuff up there. Radig did not know the fee. He will find out. Neubauer indicated the city has a semi-truck and a tanker, we may be able to find a driver to go up there for a lot less than \$4,000. Radig will ask them to break their billing down for transport and cost of disposal. Schwindt added if that included transport. Earthmovers were hauling stuff before. Schwindt recalled when Earthmovers was involved the total for trucking and disposal was about \$3,000. Radig noted nobody is giving discounts on any work anywhere. Neubauer may be able to find a driver that hauls waste in the spring and fall.

**Motion:** Schwindt moved to approve LBG's June 19, 2012 invoice for \$23,659.08; second by Dave Glatt. All ayes. Motion carried.

**Pay Request.** City of Mandan industrial wastewater charges for 3 months. May to June 2012 was \$1,070.15 (this includes finance charge of \$29.65); April to May 2012 was \$1,068.87; and March to April 2012 was \$985.75.

**Motion:** Schwindt moved to approve city of Mandan's statements for \$3,124.77 for industrial wastewater charges; second by Dave Glatt. All ayes. Motion carried.

**Pay Request.** City of Mandan's statement dated June 30, 2012 for the utility charges from MDU and water for the second quarter.

**Motion:** Schwindt moved to approve city of Mandan's billing for MDU and water charges in the amount of \$13,923.27 for the second quarter; second by Glatt. All ayes. Motion carried.

**No Further Action Letter.** Loren Galpin submitted a letter of No Further Action. Radig noted that he is not officially a partner yet in whatever business they are putting together so we put it in Al Leingang's name. It was submitted by Galpin. Radig called him and explained. As an architect he is just a consultant to the project so far. He is not actually involved so we can't legally issue the letter in his name. The letter was issued to Al Leingang. We received the letter back before the end of June. A copy will be sent to Neubauer.

**Drilling Mud.** Schwindt asked, did you get the notice from Richard Stoor about the 2 wells being plugged with drilling mud? Rusty Krikava and I met with the contractor, Master Construction yesterday. They said they would bring in a vac truck and probably a jet of some kind to wash the screens and vacuum out the 2 wells. They were 3205 which is west of Papa Murphy's along Main and the other right across from City Hall here over by the courthouse annex that is 1313. There was one there that was impacted as well. We didn't pop the cover on that one, but we did look at the one on the south side of Main. Krikava put a rod down into the well and brought it up. They looked at the material that was on it and said it certainly looks like drilling mud so they were going to vacuum that stuff out. There may be more of an issue at least in that particular well. It looked like the horizontal line where that directional boring that goes under Main is tied into that particular well that looked like there was mud in there. I don't know if it was entirely plugged so what Krikava was thinking is that it followed the trench and came up in the well through the screen. Schwindt indicated Master Construction did the fiber optic boring so they are the ones that I contacted. They have equipment and will try to clean it up. They thought they could clean up the screens relatively well. I don't know for sure. I don't know how you actually end up telling whether it is all cleaned up or not. Krikava said yesterday, jet everything out of the well and get all that cleaned up as much as you can and we will try to jet some of that out of that horizontal line but he was thinking perhaps by turning the system on and then just turn the vacuum on you can suck it back in and clean the lines out that way. They would eventually wash out with the water that is coming through the system as well. If that isn't successful, then you look at another alternative. The company was willing to go ahead and do that.

I thought they were going to be here either yesterday afternoon or this morning so I came over early assuming they would be working but I haven't found anybody around. I think we have that underway. There were 2 wells that were covered over in the building that was erected where Furniture First was--those 2 interior wells. The guy from Community Contractors didn't know what they were so he asked the plumber and

the plumber said I don't know what they are so they just poured concrete over the top of them. He did find them yesterday so I looked at that too and Krikava gave them a couple of big canisters for access points. He exposed them so it is just a matter now of putting the canisters in and repouring the concrete.

Glatt -- Are they protective covers? The wells weren't damaged.

Schwindt -- Just like the ones we have out in the street. No. Krikava was talking about one in the parking lot over here by the drug store that got paved over. It was actually on the other side of the alley in that parking lot in front of that apartment building. He said I can't find that one. I think it is 36. I looked at that today and it appears you can see where the asphalt is kind of cracking around the concrete collar so I think we can find that one easy enough but didn't have any tools to break into that, but I think that one is visible.

**LEC.** Schwindt went to the LEC this morning. It took about the first 10 days of July to reach about 800 gallons.

**Iverson Building.** Schwindt met with Loren Galpin on the development at the Iverson building. He sent an email summarizing that. He would prefer to have 3401 and 3402 continue to operate as long as we can operate them. He talked to Krikava yesterday. The latest information that they had was there was one-tenth of product in 3401. Don't recall that there was anything in 3402. Krikava recalled that there hasn't been much of anything in 3402 for a long time. So he was asking if they should go back to operating those 2 and whether that would affect the determination. Schwindt said the data is what it is and I would just as soon, whether it affects it or not, just go ahead and continue operating MPE in that particular well.

Radig -- If it is open you might as well.

Schwindt -- He was also wondering about 3402 whether he should operate that one. My initial reaction was yeah you might as well go ahead. Maybe create a little bit more of a zone of influence around that particular area and it would be mostly water. And he said, probably. Do you have comments, or any objections of operating 3401 or 3402?

Radig -- They can also just use it to recover vapors out of that vault.

Schwindt -- They would continue doing that, yes.

Radig -- Whether they need the drop tube in to recover liquids. I don't think they need it for just water if there is no free-product.

Schwindt -- I don't recall what the numbers were if there was any on that particular one.

Radig – I don't think there was.

Schwindt – We have some time to figure out what we want to do if we want to hook both of those wells when we tear that remote manifold out whether we want to pull those two out or not. I asked Krikava whether it was easier to operate 1 or 2 and he says, it really doesn't matter because what we end up doing is put in a manual valve in the basement so if we wanted to do MPE we just turn that valve on and let it run for a week or whatever and turn it off. I asked whether it would be simpler to do an automatic valve like we have now. He says then you would have to get somebody in to wire it in and do all those kinds of things.

Radig – Re-program your system.

Schwindt – You could. The valves are there, but then you would end up having to run wire to it. He said it is just simpler to do it manually. He says I can walk down into the basement quite a few times for what it would cost to get an electrician to come over and wire it. So I guess we have some time to determine if we want to hook up 3402 as well or if we just do 3401 when we take the remote manifold out. Just look at some additional information that we generate between now and next spring. Any other thoughts, Scott, as far as taking out that whole manifold based on the latest data?

Radig – That would be the only consideration. The rest of it is pretty well complete. They are all right down to that sometimes and sometimes not. There is no consistent free-product in those wells that's more than .1.

Schwindt – Then the other thing is do we want to keep any of these wells along BN property here for monitoring purposes? There are a couple of monitoring wells scattered in here on BN property.

Radig – On their side of the fence, they do have a line of them as well that we are looking at every year.

Schwindt -- Do we want to maintain any of those for monitoring purposes?

Glatt – We should take a look at them, but not all of them. There are a couple of sentinel wells in conjunction coupled with what BN is doing.

Neubauer – Does it hurt?

Radig – Maintain them. Who is then responsible for measuring them?

Glatt – Typically, if you keep them there a year, you should be accessing them periodically and making sure that well construction is still holding. If you are never going to look at them, I would say get rid of them.

Radig – Burlington Northern isn't going to open them up and measure them as

long as they are not on their property. They have no interest. It's not in their interest to look at them.

Radig – I will look at where the line is with BN and if there are any gaps in there.

Neubauer – Do they periodically measure their wells? And they get reports?

Radig -- Yes, we get an annual report from them.

Glatt – If there are some gaps in there just tell BN we have some wells in the ground yet. Do you want to measure them?

Radig – They have already been requesting to reduce their monitoring work.

Schwindt – It looks like there is one between 3410 and 3411 there is a monitoring well there and one to the east of 3501. The immediate question is do we want to save 3501? But based on that monitoring well being close by there we, probably don't need to save that. What do you think?

Radig – I would like to go back and look at BN's report and see what their latest numbers have been in their wells before I make any recommendation.

Glatt -- That you wouldn't expect, unless they have a major spill. That's what you are monitoring against any major flows and in this day and age they should be reporting.

Radig – I will take a look at the last report and combine that.

Schwindt – As far as the hole plugging, do you guys have any objection to have Roger Schmid go ahead and do that? I will wait to see what you think on 3501. I guess I was looking at having them plug all ten wells that are there.

Neubauer – What would you drop down in there? Bentonite.

Schwindt – Bentonite chips and pour the water in to make them swell.

Neubauer – Do we take the concrete pads out of there too?

Glatt – That's pretty easy. I think you typically cut them off.

Neubauer – My guess is they will come in and repave or asphalt that area at some point in time. We will have their contractor take out the concrete pad.

Schwindt – That's what I talked to Loren Galpin about is just once we get the holes plugged you guys can do whatever you want with those concrete collars. If you need to reshape the parking lot to whatever elevations you need to, it doesn't matter.

Krikava was wondering yesterday about trying to save a couple of those cans but he said they will probably be beat up anyway. When that happens it won't be until next spring either. If I am here, I will see if I can recover a couple of the lids anyway.

Neubauer – The well is like this and you fill it up and put a can and lid on the top and take that off.

Schwindt – So contact Schmid and tell him to go ahead. Krikava did say yesterday that Stoor had contacted Skeels Electric. What do we want to do with the manifold? Does the city have any use for it? Neubauer will ask. We can give it away.

**Directional Wells.** Schwindt reported that a couple of those directional wells are showing sand. They are the 2 that are on either side of Papa Murphy's. Krikava is not sure what is going on. He was able to get down 25-26 feet with a tape. It isn't anything hard that you can push through. I did talk with Jeff Wright yesterday. The camera that you have only goes down a 6 inch diameter. Do you guys want LBG to hire Roto Rooter or somebody else?

Radig – When they are vacuuming out those other wells, can they go in those?

Schwindt – I don't know if Master would be willing to do that because they weren't in that area.

Radig – They would be doing essentially the same thing as the other wells, right?

Schwindt – There was more sand there rather than drilling mud.

Neubauer – I wonder if our vac truck could do that.

Schwindt – If the casing is collapsed or something is going on down there we are thinking we could take a look to see if the well is collapsed or broke or separated or whatever it might be.

Neubauer – Roto Rooter has a little camera that will slide down in there.

Schwindt – Them or some other company like that.

Neubauer – Master was here yesterday. So Schwindt will talk to them.

Schwindt – Do we want to get back to LBG just to let them know they can go ahead and hire a camera?

Radig – Do you have the well numbers?

Schwindt – It was in that memo. I don't remember what the numbers are.

Glatt – If they don't find any structural defect in the well then go ahead and try to pump out the sand?

Schwindt – He's not sure it is even plugged. There is just something that's holding up the measuring tape and he can't get beyond that level so he is not sure the rest is plugged. It includes 2 wells. To me this is probably the simplest way to find out what is going on. And there has been product in those particular wells. If we could get those back to operational it would be good. It sure looks like the free-product map keeps shrinking more and more all the time.

Glatt – It's a dry period.

Schwindt – There is another issue. I did talk to the bank about hooking those things up temporarily. Krikava said yesterday he was going to try to get that one done this week some time. The bookstore one she still hasn't moved the books. I talked to her again yesterday about getting access. She is concerned about punching any holes through the wall. I think we can work through that once Krikava can get down there and see what is actually there and what might be where that grate or whatever it is on the side of the building. Hopefully, that will get done next week or two depending on when she moves her books.

**Next Meeting.** August 14, 2012 at 10:00 a.m.

**Motion to Adjourn.** Glatt moved to adjourn at 10:45 a.m.; second by Schwindt. All ayes. Motion carried.