

MANDAN REMEDIATION TRUST (MRT)
June 7, 2016

Meeting: 272nd Official Meeting
Date: June 7, 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 May 3, 2016 MRT minutes, as amended, were discussed.

Motion. Schwindt moved to approve the May 3, 2016 minutes as amended; second by Neubauer. All ayes. Motion carried.

BND. The BND statement for the period ending May 31, 2016 is showing a balance of \$6,525,124.96. Two payments in May have gone through to LBG and wastewater charges.

Pay Request. We have LBG's statement dated May 19, 2016 for \$17,739.15. Radig had no questions on it. Schwindt noted there were some charges regarding the biorespiration and fluid level measurements. Radig added that was planned. That's why it is a little bit higher.

Motion. Schwindt moved to approve payment to LBG in the amount of \$17,739.15 on their statement dated May 19, 2016; second by Neubauer. All ayes. Motion carried.

Pay Request. City of Mandan's wastewater industrial charges covering April 1 through 30, 2016 is \$1,423.16 for a volume of 88,985 cu. ft. of water.

Motion. Schwindt moved to approve payment of \$1,423.16 to the city of Mandan for wastewater industrial charges for April 1-30, 2016; second by Neubauer. All ayes. Motion carried.

Closure Strategy Guideline Discussion. I think we have all had the opportunity to input, if needed. It was updated May 18, 2016. Neubauer indicated that I think our mission would be to consider the changes that were proposed by Radig and Schwindt and in turn give it its blessing to finalize and then it would go to the Health Department for final. I don't know the process on this one.

Radig – I think we are proposing it as final and then you guys would concur.

Motion. Schwindt moved to approve the Closure Strategy Guideline as updated

on May 18, 2016 with a couple of changes; second by Neubauer. Motion carried. All ayes.

Radig – Will make sure everything is final and send it out on letterhead.

Update on Well Plugging. Schwindt indicated they are working. They started last week. Today, they should have all the wells in asphalt that need to be replaced, plugged and capped. They are running into some difficulties with cutting the casing off just finding a tool that will do that adequately. It is taking a longer period of time to do them than what they had envisioned so they're estimating that they are probably going to run over their estimate they had given us of \$17,000 plus to another \$6,000 is what they are thinking it will cost them to do. I think it is probably warranted. It seemed that their estimate that they gave us was on the low side to begin with especially with plugging all the wells and taking out the manifolds and removing those that are in the grass and all that kind of stuff.

Radig – It was very reasonable. I wouldn't have any objections.

Neubauer – Did those blades help that you got yesterday?

Schwindt -- No, he had already tried those. He was going to go get a faster drill. The one-half inch drill he was using was only turning around 550 rpm, which for a big drill like that it is more than average for normal drilling, but when you are trying to cut something off, it is probably too slow. He was going to try to find one that would at least double that speed, which would get you closer to a speed that a saw blade would be turning. I stopped by this morning on my way in and they were just kind of getting ready.

Radig – I saw them over there too. I will stop over there after we....

Schwindt -- That is right where that thing is at. They were going through saw blades relatively quickly too because once you get through the plastic and get into sand and gravel on the back side of it that chews up the dremel blade pretty quickly and those blades are about \$15 a piece. I think they are proceeding relatively quickly. They were going to work this past weekend but then Curt had some family issues he had to deal with so they didn't get anything done and this weekend is Buggies 'n' Blues so they won't be working this weekend. But I have been talking to the asphalt contractor and they indicated that they would finally be ready to go early next week so when I talked to those guys yesterday I asked them to complete those that would be in the asphalt so that we can get that contractor in and done. It sounded like Fleck & Sons would be ready to go the latter part of next week so I gave the information to Roger as well so they thought they could probably meet that kind of criteria at least for now is what they are envisioning.

I did meet with Wade Miller at the Starion Bank. We talked about the 6 wells that are on Starion property on how they wanted those taken care of. Initially, I had

discussed with him about pulling the 3 that are in the asphalt parking areas out just like we are doing the rest of them. We patch the asphalt and leave it at that. And there are 3 of them that are in the concrete that are in the driveways that are going through the drive-up teller windows and he wanted to avoid replacing any of that stuff simply because they have an awful lot of traffic through those drive-up windows. We would end up closing the driving lanes for a week or so while we let the concrete cure so he asked that we not do those 3 in the concrete. One of them is on the north side of the bank property. It is actually in the sidewalk so that is city property.

Radig – So not plug the well at all?

Schwindt – No-no, we would plug the wells on all 6 of them. We just wouldn't restore the surface. Sorry if I misled you. We would still go in and plug the wells so that part will be done. It is just the surface restoration. So I told him I would have to check with the city and did relay the message that you had given to me, Jim, that we would like some kind of letter from them acknowledging that we are not going to do the surface restoration and that the bank would be responsible for that restoration when and if it ever happens. He didn't think that would be a problem for them to provide something like that. That was yesterday. Then yesterday he also asked about leaving the surface restoration of those 3 that are in the asphalt if we would leave those alone until the time that they do something with their parking lot. His boss was going to do some checking on that yesterday. I haven't heard anything back from them. But that was what he was leaning towards was not doing any disturbance at all so we would end up just plugging wells, and putting the caps back on at the Starion property. I will wait to hear from him on whatever they decide, but I would guess that is the way they are going to go.

Neubauer – We should probably get that letter from them shortly. We will have other wells that will have to be restored on the surface so it's not that big a deal.

Everything else seems to be rolling along. I haven't received any complaints from John Q. Public or phone calls.

Schwindt – Krikava did get all the 6 manifolds stripped out so those are ready for further disposition. He did say he got their water meter readout stepped out or wired out from the basement of the LEC out to that manifold on the east side of the LEC. They did that yesterday. I talked to the county about getting their own electrician in to wire any power that they want out to that manifold. Also, Roger and Curt are going to be pulling the rock out of those and cutting the pipe and capping them down below grade as well. That will be occurring.

Radig – What does the county want to use the shed for?

Schwindt – They will use it for storage and lawn equipment, lawn movers and snow blowers and whatever else. I also gave them the name of Fleck & Sons because they would be doing the concrete work for us on the surface restoration. If they wanted to hire them to pour a concrete slab in the bottom of the thing that was up to the county.

Neubauer – Yes. It is their ticket not our ticket.

Schwindt – The same way with the electrical wiring. There is a conduit that runs—it was a fiber optic conduit that ran from the manifold down into that same utility room downstairs so those fiber optic lines have been cut off so they can use that as a conduit to get back out so that should make an easy deal.

Neubauer – They would run 220 [volt] out or 110 [volt].

Schwindt - Haven't found anybody for sure to take care of the 3 manifolds that are going to disappear. Curt may be interested in one, but I think he is focusing enough on plugging that he hasn't had a chance to evaluate how much it might cost and things like that. There is one other private party that may be interested in 1 or 2 of them. I was also going to talk to the contractor that is going to be working on the courthouse to see whether they might be interested in taking that one out because they will be disturbing that whole area in front of the courthouse so it wouldn't be much more to take that manifold building out. They will be starting later this week I think.

Neubauer – The county wanted some tree planted over there somewhere too in your conversation with Andy.

Schwindt – Yes, that's how I found out that they were going to be starting some of that work this week. I talked to Jackie Buckley the extension agent. She was the one that I was referred to as planting the tree. She said, well with all the work that is going to be going on in front of the courthouse maybe we should wait till later when all that is done. It might be next year before we plant a tree again.

I think things are going reasonably well. Once they get the pipe cut off capping the pipe seems to be working out. They take a 4" PVC cap and put glue inside and then drive it down on top of the casing so it seems like that part is working OK. Just cutting the casing off is the bigger issue.

Neubauer – So they have a pretty clean cut when they cut the casing off.

Schwindt – Reasonably so--the side is where it is glued down not on the end.

I did talk to Krikava about what he found on fluid level monitoring and it sounds like the same areas are still the troublesome areas right in front of Wells Fargo Bank over here on Second Avenue right here. Then over by that parking lot right to the east of Starion right in that area there and a little bit over on Collins so they are the same areas that we have had free-product in the past are showing free-product now. I think he also indicated that there was a little bit of fluid in a couple of the monitoring wells even though you run the well right adjacent to it, it seems to influence that stuff that is accumulated in the monitoring wells so he said they might have to end up using a stinger just to clean that out because you can't get it to move any other way. The other

thing is he says that there is a SVE line that runs from the Fire Station over to the Zone 2 building over here in the alley. He says that is filled up with water and they have to do some things every once in a while to try to blow the water out, but it is not working very effectively so they may end up having to hire somebody to come in and suck all that water out and maybe camera it to see whether there is an issue in the line. Anyway it is giving them a little difficulty as operating the system like they normally would.

Neubauer – Unless somebody drilled through it Midcontinent or Century Link or somebody drilled through a sewer line and don't find out till years later.

Schwindt – Well that is entirely possible. I think that is why he was thinking about having a camera at the same time. What they ended up doing is they made a loop in the line. They started out at the Fire Station and went down and it kind of went deeper underneath Collins I suppose to avoid utilities and things like that and then came back up so it is in that trap where the water is accumulating.

Radig – It's a solid line?

Schwindt – Yes.

Radig – It could be condensation.

Schwindt – An accumulation of condensation over the 10 years of operating.

Radig – That's moist air coming through there.

Schwindt – Anyway he said it might be something,

Neubauer – We have a camera that we use on our storm sewer, Dave Auch has that.

Schwindt – You would probably have to get out there around 200 feet or 250 feet or something like that.

Radig – You would think he would have that much.

Neubauer – If it is the sewer, give them a call. I suppose Rotor Rooter could do it too.

Schwindt – I think that is who they were thinking of because that is who we used when we put those slant wells in. There was an issue with stuff accumulating. He said we are not sure what we are going to do. He said, we are continuing to operate. Just maybe something you see coming up.

Neubauer – OK.

No further business.

Schwindt -- Are you OK with telling Roger and Curt?

Neubauer – Yes, the 6 grand. Do you want to make a motion to do that?

Motion. Schwindt moved to add to the cost of Water Supply and Town & Country Drilling \$6,000 in additional time and materials on top of their \$17,000 for the plugging and cutting off of well casings due to difficulties in getting the well casings cut off; second by Neubauer. All ayes. Motion carried.

Schwindt – We probably don't need a formal motion to Fleck and to Quality?

Neubauer – It wouldn't hurt.

Motion. Schwindt moved to use Fleck & Sons for the concrete restoration on the wells that are in concrete and Quality Asphalt for all the asphalt restoration for the wells that are in asphalt. Quality Asphalt was the low bidder for the asphalt repairs on well abandonment and restoration. Fleck & Sons was a per unit bid. It was part of the city contract. The asphalt was \$6,800 for just repairing the asphalt. They did have a quote of \$8,500 for cutting the casing off and capping the well, but I think as long as Water Supply is doing that then we would be good with that. So I move that we use those 2 contractors. Second by Neubauer. All ayes. Motion carried.

Next Meeting. July 5, 2016 at 10:00 a.m.

Motion to Adjourn. Schwindt moved to adjourn at 10:35 a.m.; second by Neubauer. All ayes. Motion carried.