

MANDAN REMEDIATION TRUST (MRT)
March 3, 2015

Meeting: 257th Official Meeting
Date: March 3, 2015
Location: Mandan City Hall, 205 2nd Ave. NW
Time: 10:00 A.M.

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

Minutes. February 3, 2015 minutes were reviewed.

Motion. Schwindt moved to approve the amended minutes of February 3, 2015; second by Glatt. All ayes. Motion carried.

BND Statement. The BND bank statement was received for the period ending January 31, 2015 with a balance of \$6,944,244.70. All the payments that have been approved in January have gone through. We have not yet received the statement for February since it is only March 3. This is to acknowledge its existence.

Pay Request. We have the disbursement request from LBJ in the amount of \$15,473.32. Is there anything to discuss?

Comments: Radig noted it was down a little this month; nothing out of the ordinary.

Motion. Schwindt moved to approve payment to LBG in the amount of \$15,473.32; second by Glatt. All ayes. Motion carried.

Manifolds by Starion Bank. Schwindt sent an email yesterday regarding the manifolds over in the Starion lot. It was a follow-up to that discussion we had in February. He did stop to talk to Rusty Krikava this morning. The MPE system is still not operational. We lost that pump back in December or November. He did say he did talk to the manufacturer and the pump should be shipped Friday (March 6) so theoretically next week we should be back in operation.

They have just been doing routine maintenance kind of things—things that haven't been touched for a long time because they didn't have time to do it and with the system operating it's difficult to do some of those things. They have been doing that and running the SVE so that's about the extent of the operations for the last several months while they waited for that pump.

Glatt – Just wanted to see if anything has changed.

Schwindt – Krikava was thinking this morning with us trying to get some information on the whole system this spring and then deciding whether we are going to close a major portion of it down or not. Maybe this shutdown wasn't necessarily a bad thing. Kind of waiting to see if we can get the pump back up and running so I was going to go over and check in response to your question last time, Dave, about whether there have been any issues in the Law Enforcement Center. I didn't make it there because I did stop to talk to Krikava this morning instead. He is not aware of any issues with the LEC. He has not heard anything from them or about it so I will stop over there after we get done with the meeting today just to follow-up on things. No news is good news.

I talked with him a little bit about where those wells are around the LEC where we have occasionally seen product in the past. I haven't gone back to look at the data, but I'm thinking it is more towards the south end of the LEC. That's an area that is probably served by that other manifold on the southwest corner of the LEC. It's not the one that would be impacted by what we are trying to do at the Starion Bank so that would be a different manifold system. It might be good. The 2-1 manifold (I think it is) that we are looking at shutting down is the one that serves the LEC itself and comes out the east side of that LEC. Reviewed map. So this is the Starion Bank here. This is the manifold we are trying to do away with. The ones that are connected to it is this one. This is Library Square here and then it serves over to the LEC right here. So these are the 3 that we would be looking at closing down along with this one. It seems like that free product is kind of more down in this area, which is served by this manifold that is on the southwest corner of the LEC. So we could continue to keep that active by not completely abandoning these manifolds. Actually, there probably isn't one. That one is probably tied back into this treatment building behind.

Radig – This one doesn't show anything. Some back in the alley.

Schwindt – So this manifold might be plumbed completely back into here.

Glatt – That's why I thought we had something in this area and that would be good. It's on the south side. On this side I don't think we really had much of an issue. Based on this it would be nice to have the most recent groundwater and fluid levels but if that shows—this has all been good anyway.

Schwindt – So if we are going to abandon these 3 manifolds we probably have to look at something here to put some kind of positive ventilation system either on our system in the LEC or that groundwater system that the county put in.

Glatt: Is that vented now?

Schwindt – Their system is not. Our system continues to have SVE operating on it.

Glatt – Would you put a passive system in there?

Schwindt – We could put a passive or a positive displacement kind of thing kind of like what we did on the Berube Apartments building.

Neubauer – A big blow dryer.

Glatt -- It would be nice if it could be designed in a passive mode if needed.

Schwindt – What Krikava remembered doing and when he mentioned it I recalled it as well is that he just ran a small tube from our SVE system over to that sump that the water drains into because when we had that high groundwater event several years ago there were some odors in there. Whether that tube is still there, he didn't know. Whether that carbon treatment system that the county put in is even operational, he didn't know. He hasn't been down there.

Glatt – That probably wouldn't be a bad idea.

Neubauer – I know there are some new maintenance people over in the LEC because Chuck retired. I don't know if they are even aware.

Schwindt -- Of what needs to be done. It seemed like toward the end of when there was groundwater coming through the system that from what I remember there was a decision made by some folks in the county that they were just going to discontinue using that whole carbon system. Something I vaguely remember.

Neubauer – Because they got tired of buying filters or something like that.

Schwindt – And there were some leaks in the system, too.

Glatt – That wouldn't be a bad idea to put a venting system in there.

Schwindt – I don't know whether it would be simpler to come out of the utility room where that sump is at and just pipe it from there or whether we tie onto our system outside the building and then vent it up from there. I guess it depends whether you want to vent from our wells or whether you want to just vent from that groundwater management system.

Glatt – I would be leaning more to the groundwater management system because at some point we are going to want to remove our stuff.

Schwindt -- I think the groundwater management system would give you greater area coverage of the whole bottom floor.

Glatt – Is it something we could have LBG look into?

Schwindt – I don't know whether we would need LBG or whether we would hire a local radon contractor because that is the kind of system that we are talking about.

Radig – There have to be vent pipes going up to the roof from the basement anyway somewhere.

Schwindt – For other purposes.

Radig – If they could tie into those vents straight out the roof or if he would need something completely separate.

Neubauer – Maybe if you want to take that one and run with it if you have time to do that.

Schwindt – We could probably look at doing that when it gets a little warmer out.

Glatt – Explosion proof and all that stuff.

Neubauer – Any of the stuff from the manifolds that we have taken out could be utilized over here for our explosion proof material. I don't know what they keep of all that stuff, but they could salvage. I don't know if any of that is usable.

Schwindt – We could probably check on that. I'm not aware of any kind of a small fan like that.

Glatt – It isn't going to be anything that is very big just enough to keep some air moving.

Schwindt – It seemed like that Berube one that was just a 3 or 4 inch pipe is all that went up outside of the building and then they had some kind of a canister.

Glatt – Then that would take care of the Starion building.

Neubauer – Then that opens up the conversation with the maintenance guys at the LEC. What actually are you doing over here, if anything? Have you noticed any odors? I haven't heard anything from anyone. I assume there is nothing going on. Our guys are talking about moving an office down there.

Glatt – What have you heard from the county?

Neubauer – Nothing other than when are you going to get your manifold out of the front of our courtyard.

Schwindt – That could happen this summer depending on what happens. You are talking about this one over here.

Neubauer – I'm not too concerned about it. OK, so we will have Schwindt check things out at the LEC and come back in April and say here is the recommendation for a plan to move.

Other. LBG budget received prior to the February meeting.

Radig – I went back and looked up the past few years: 2013 the estimate total for the year was \$299,762; 2014 estimate was \$311,657; this year it is \$317,888. However, actual billings have been much less than the estimates. For 2013 the estimate was \$299,000, actual billing was \$246,000; 2014 the estimate was \$311,000 and the actual went down even further from 2013 to \$206,000.

Glatt – Hopefully, the trend continues.

Radig -- Now part of that reduction in cost for 2014 is because the system wasn't operating as much, but the trend should continue especially if we start abandoning big portions of the system. I think they are making their estimates pretty conservatively and it includes the inflation factor, which this year was just over 2 percent. I think it is reasonable. It doesn't include the actual abandonment activities: operation, maintenance, biorespiration and fluid level testing. Abandonment activities will be over and above this estimate total.

Glatt – Percentage wise how much of our system on a full scale operation now is down in percent? How much is still out there?

Radig – I talked to Krikava about that for that newspaper article because the reporter asked me that same question. I think there are about 60 wells out of the 289 or whatever was operating so less than 25 percent.

Neubauer – As we wind down do we want to start discussing numbers? Do we want to go back to the liability insurance policy? Is Tag Anderson still there? We can start talking after the session.

Glatt – Yes.

Motion. Schwindt moved to accept LBG's annual operating plan estimate for 2015 in the amount of \$317,888 for the Remediation System; second by Glatt. All ayes. Motion carried.

Radig – Provided the approval page for signatures.

Neubauer – Will get signatures and mail to Radig for completion.

Radig – We haven't received the wastewater invoice yet.

No Further Business.

Next Meeting: April 7, 2015 at 10 a.m.

Motion to Adjourn: Glatt moved to adjourn at 10:44 a.m.; second by Schwindt.
All ayes. Motion carried.