

MANDAN REMEDIATION TRUST (MRT)
February 4, 2014

Meeting: 244th Official Meeting
Date: February 4, 2014
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 was present; Dave Glatt was absent. Scott Radig and Marilyn Mertz, North Dakota Department of Health, were present.

Brady Martz. Neubauer received an engagement letter from Brady Martz to do the tax return for the Remediation Trust and the SEP. He has signed the MRT one. Schwindt will sign the SEP letter.

Minutes. December 31, 2013 minutes have been reviewed by Schwindt and they are OK.

Motion. Schwindt moved to approve the December 31, 2013 minutes; second by Neubauer. All ayes. Motion carried.

Note: The December 31, 2013 meeting was our January meeting.

BND Statement. The bank statement was acknowledged for the period ending December 31, 2013 which shows an ending balance of \$7,279,933.61.

Pay Request. Billing invoice from LBG for \$22,410.43, which is a little above our normal amount.

Comments: Radig noted that LBG and Tim Kenyan put in quite a few hours specifically for the well abandonment proposal that was received on December 30. About \$6,000 of the cost went to the proposal. That was the only thing out of the ordinary.

Radig: We should be receiving the 2014 proposal for Operation and Maintenance.

Motion. Schwindt moved approval to pay LBG in the amount of \$22,410.43 for their January 23, 2014 invoice; second by Neubauer. All ayes. Motion carried.

Radig -- A lot of stuff was shutdown. Also, we talked to them that we didn't need to operate wells that were in the street where they would have to worry about uncovering ice and snow. All of those they pretty much stopped.

Schwindt – Looking at their billing they must have stopped operation of the system all together.

Pay Request. The billing was received from the city of Mandan for industrial wastewater charges for November 1 through 30, 2013 of \$685.01; December 1 through December 31, 2013 of \$159.05, for a total of \$844.06. All ayes. Motion carried.

Motion. Schwindt moved to approve payment to the city of Mandan in the amount of \$844.06 for November and December billings for industrial wastewater treatment plant charges; second by Neubauer. All ayes. Motion carried.

Pay Request. Received Fritz Schwindt's statement for his duties throughout 2013, which we will have to put on hold until Mr. Glatt's return.

Well Closure Plan. Radig has looked at the plan this past week. Schwindt did not have a great deal of time to study it. Radig noted that once you start using the well for recovery, it is not really a monitoring well anymore so you really have to look at an adjacent well to get a picture of the view of the area. With that said, Kenyon did propose leaving some additional wells just because the adjacent wells would still have product. Overall, it is a pretty good plan. Radig doesn't have any objections to it. It leaves a fair number of wells in place, but it does close down a whole lot. If we continue operating the way we are through the winter, once we get into spring, early summer then when it is practical then we can start abandoning some of the wells and manifolds. But there is no need to do it right now.

Schwindt – I guess I am a little concerned about dropping so many on the south side. They are proposing to drop quite a few of them. I'm not so sure I'm ready to do that. That's why I haven't spent a lot of time looking at that data.

Radig – We can still keep quite a few along that south row. We don't necessarily have to operate them but just have them available to monitor once a year or so.

Schwindt -- That clay area kind of runs down through the middle of our system, doesn't it? The two areas of free-product are on each side of that?

Radig – That's right. It appears there may have been an old oxbow that went up the one street south to the Law Enforcement Center and back down here.

Schwindt – The horseshoe is kind of open to the top, isn't it or does it go the other way?

Radig – I was thinking it was open to the bottom where the top of the closed part of the horseshoe would have been right under the Law Enforcement Center.

Schwindt -- I was mistaken. I was thinking it went the other way.

Neubauer – If Glatt is planning to be at the March meeting, we can maybe go over this.

Radig – We can. I did talk to him some and he is generally OK with it. We don't have to make final on it. It will be an advantage to wait.

Schwindt – Part of the concern would be especially in that middle area around where the Starion Bank is and across the street in that parking lot all that kind of stuff that is in that clay plug area. I would like to know where we are at with the water table right now with relationship to the bottom of that clay plug. Are we up into the clay plug enough if it drops back down you might have stuff moving back into it? Just so we are not masking something right now that we are not seeing. I know we had set a groundwater elevation criterion that had to be below a certain level for a certain length of time and I know we have variability so we may not get that, but I guess I would still like to know where that is at in relationship to the bottom of that.

Radig – We can look at that; 1,629 feet elevation is the approximate elevation of the bottom of it. That was the reason that was selected.

Schwindt – Just based on the limited amount that I have looked at it so far I don't have any objection to the basic approach in looking at it. I am just a little nervous about some of those areas without further evaluation. What are your thoughts, Jim?

Neubauer – I was hoping that we would be able to get rid of some of the manifolds at the Fire Station so they can get half of their building put up, which does not appear to be the case.

Radig -- Unfortunately, that one area left is kind of a sticking point.

Neubauer -- Which is fine. There are really a lot of wells to be taken out. It is a little unnerving. I can't remember so I will have to go back and read. There was a systematic approach to take these wells first, second, third and fourth as far as decommissioning, if you recall.

Radig – If they meet the criteria.

Schwindt – From what I remember there was only two manifolds that he was actually doing away with.

Radig – Completely; most of them still have a couple of wells that they will leave in place to use as a vacuum source for sucking out some of the other wells that just have some stubborn free-product in them.

Schwindt – So we really don't gain a heck of a lot by abandoning wells that are still tied into a manifold if that manifold is still operational.

Radig – Yeah, it is not necessary. If the manifold is still there, it is not necessary to actually physically abandon the well.

Neubauer – Maybe at this time of year it is when we have a conversation with the gentleman who is plugging the wells.

Schwindt – Roger Schmitt.

Neubauer -- We are going to abandon this many wells at this time. More cost-effective for him to do 10 at a time or 50 at a time and goes out and does his job.

Radig -- He is a low overhead business.

Neubauer – It is just a matter of saying if it will make a difference to him or not.

Radig – As long as he has enough to do a full day, I don't think he minds doing it here or there. He does not want to come over one at a time.

Schwindt – I think if we give him a list of how many wells are being proposed 30, 40, 50 or whatever it is. If we give him that complete list, we just need it done over the next month or two.

Neubauer – I think traffic and everything are his concern to worry about taking up eight parking spaces a day. He can kind of do them on nights and weekends or whatever. It is up to him, if we don't have to pay a whole bunch for traffic control.

Schwindt – I don't think we have a whole lot out in the street. There is some.

Neubauer – Not out in the street, but in the parking lanes. Just scheduling, did you look at the Wells Fargo lot? There are eight of them in there. That's a Sunday job--minimum disruption to businesses and traffic quality.

Schwindt – I guess the other thing we talked about was taking out those lids, the metal canisters and what kind of repairs we should actually do with the street. I guess in the concrete sections of the parking lots and the streets where we are doing it, I think we would probably have to go in and cut those out and pin the replacement concrete into the existing.

Radig – I would think so otherwise they would work up.

Schwindt -- And as far as the asphalt, I'm not sure what would be the appropriate repair there. I don't think you would want to necessarily put a concrete patch in there. Maybe Jeff Wright can give us some insight. I did talk with Jeff some months ago about that but I don't remember exactly what we talked about as far as the asphalt.

Neubauer -- A couple shovels of hot mix and big feet.

Schwindt -- You would probably have to cut out a big enough area to work in and then go down and remove the well a certain distance down and re-compact it and bring it back up. I would guess that would be the appropriate way to do that.

Neubauer – Do we need a spec written for all that stuff? We have one of our municipal sidewalk contract bids out right now. We could potentially make that part of that project. I think our guys are going to be drilling holes to put in semi concrete. This is how it is done. I can talk to our folks to see how they would want it. They would have to finish it off because we don't want to shovel cold mix or hot mix on an asphalt patch and then we are always having to come back to redo it. If Roger unplugs the well, what is he going to leave? He's plugging the well he's not cutting the pipe off or capping after.... If we go down two feet, how big of a hole are we going to dig to get around it? I don't know if you take a saw and whack a pipe off or something like that.

Radig – You should be able to get a rotary cutter that you can put down and cut from the inside.

Schwindt – I think they do have such a thing. Who has them is another question.

Neubauer – It should be easiest to drop something down and get hold of the pipe and the blades go out.

Radig – It would be like on a drill except you go down and it has a blade on a shaft. You cut it from the inside and he can pretty much pull it out. You wouldn't really have to do a lot of excavation other than what you would need for the concrete and the base and the pin.

Neubauer – I will ask our guys.

Schwindt -- I guess to me that would be appropriate because of the ones that are going to have to live with it after the well is gone. They should definitely have some input into how the repair is made.

As far as the construction is proceeding, I haven't heard anything from either the Iverson building or the Collins and Main construction. I've been over here several different times and haven't seen a lot of construction activity on the Collins and Main one. I did see a guy there this morning drilling pins into the footings that are there. It looks like they are finally going to start. I didn't see a truck there I only saw one guy drilling holes in the concrete.

As far as the American Bank Center, it looks like most of the work is interior. I don't see any exterior work being done.

Neubauer – The manifold pipes are still sticking out on the west side. It is their job to take care of that.

Schwindt – I haven't talked to Rusty Krikava to see how things are going with the system so I don't have any input there either.

Neubauer – There was a piece of wind screen that was flapping this weekend. Need to check to see if it was tied down.

Schwindt – Were you going to do that or do you want me to?

Neubauer -- If you're driving by it is on the west, the tallest piece down about half way in the middle of the.... I noticed it flapping. The screen has held up pretty well for the troubles we had getting it up initially with the wind lately.

Schwindt -- Maybe putting in an extra row of support in the middle helped.

Next Meeting. March 4, 2014 at 10 a.m.

Motion to Adjourn. Schwindt moved to adjourn at 10:30 a.m.; second by Neubauer. All ayes. Motion carried.