

MANDAN REMEDIATION TRUST (MRT)
May 3, 2016

Meeting: 271st Official Meeting
Date: May 3, 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 April 5, 2016 MRT minutes, as amended, were discussed.

Motion. Schwindt moved to approve the April 5, 2016 minutes as amended; second by Neubauer. All ayes. Motion carried.

BND. The BND statement for the period ending March 31, 2016 all of the payments were approved and have gone through. No issues. The balance in the Trust is \$6,579,680.93.

Pay Request. City of Mandan's wastewater industrial charges covering March 1 through 31, 2016 is \$1,225.76 for a volume of 76,610 cu. ft. of water.

Comments. Radig noted it has been a little higher for the past several months. I am not quite sure why.

Motion. Schwindt moved to approve payment of \$1,225.76 to the city of Mandan for wastewater industrial charges for March 1-31, 2016; second by Neubauer. All ayes. Motion carried.

Pay Request. LBG's statement dated April 22, 2016 for \$21,542.48. Radig noted it is higher than normal due to the Out of Scope tasks of \$8,539.07 for putting together the recommendations for lateral line abandonment. The O&M part was pretty typical—maybe a little less than normal. The Out of Scope was the high part of the bill. It seems like that amount to prepare a letter to cover themselves is pretty steep. Schwindt noted.

Motion. Schwindt moved to approve payment to LBG in the amount of \$21,542.48 based on the April 22, 2016 invoice; second by Neubauer. All ayes. Motion carried.

Schematic Well Abandonment. Radig prepared a diagram based on our discussions last month. He will go back to the letter to see which order the options were in the letter. It was the lower end option: filling the casing, but not cutting off and capping the multi-phase extraction and the vapor extraction laterals.

Neubauer – With the assumption that those laterals will be filled when the bentonite gets dropped in and hydrated—that will be sufficient.

Radig – That is my opinion. I think it is adequate.

Schwindt – We would make this part of a Closure Strategy Plan.

Radig – We could add it on.

Schwindt – What do we need to do? Do we need to take any formal action on this or I think we kind of settled on that at the last meeting.

Radig – I think we agreed on it whether you want the Health Department to formally submit it for you guys to concur with. I'm not sure.

Neubauer – I would think from my standpoint I'm OK personally with the Health Department saying this is our method that we have approved and is requested in the minutes, but on the other hand I'm thinking something a little more formal from the Health Department to say that this method is acceptable for the Health Department so that if anyone ever comes along and questioned it there is something in the record or as part of the Site Closure Strategy do we need to amend that plan to say this is an acceptable method to....

Schwindt -- Well, that's where I was kind of going with it, if we are going to incorporate this into the Closure Strategy. I think we are still waiting on getting some final edits that Dave [Glatt] was going to do from what I understand. So if we can incorporate this into that and then we can just approve that strategy plan. That seems like that would kind of cover it, wouldn't it?

Neubauer – I would think so.

Radig – I think that would be fine. I don't know that Dave is actually going to make any changes, but I don't know how close he is on review of the updated Closure Strategy.

Schwindt – OK. That kind of brings up an issue, I guess. How do we proceed? I assume we have got those sidewalk contractors that the city has awarded contracts to. We will probably need to contact them and get them squared away. Are there more than one?

Neubauer – Just one -- we would have to start timing if we are going to use.... There was another well driller that was interested in the project, but I've never heard of them before.

Radig – Town & Country Drilling. They have done a lot of monitoring well work

around the state. We are very familiar with them.

Schwindt – I am actually meeting with them at 11:00 o'clock today. I did talk to them and told them we were having our Trust meeting this morning so I'm meeting with them at 11:00 o'clock what the situations are that we would have. I did talk to them and explain kind of what we are proposing and so we are going to take a walk around at 11:00 and take a look at what we have, different situations. He was talking about being able to pull those concrete collars that are in lawn areas. We really don't have a contractor lined up to do that so he would be interested in plugging the wells and pulling those concrete collars, bringing black dirt, and sod or seed whatever it is that would....

Radig – I don't know if Roger was proposing to do all that.

Schwindt – No. I will be meeting with him at 11:00 o'clock. What I was thinking is that now we have another entity interested in doing that then I would have to go back to Roger and have him give us some kind of a letter or quote and the same thing with Town & Country Drilling. Does that sound like a reasonable way to go?

The other thing then is I need to get to that contractor that the City has to find out what it might cost to go down and cut these pipes off and cap them whether there is going to be an additional fee for that. I would assume there is. I would assume we need to make the contact.

Neubauer – I'm trying to think of that driller or that plugger to cut that off or maybe asking the repair guy afterwards to come in and make that.... If Town & Country does that in the grassy area I assume they will go down and cut off the pipe below the surface, and there we are looking at 1. Pulling the concrete pad off, 2. Going down and plugging the well, and 3. Filling in and compacting and planting grass seed in there. They would be doing all of it.

Schwindt – In the grassy areas I could see that occurring. The other option would be to have Roger do his normal [work] which is the lowest cost. You could have Roger go in and do his typical work on the well and leave it and have Town & Country Drilling do the rest of it in the grassy areas. Just thinking about out on the streets and sidewalks I don't think we want the well plugging activities to be responsible for cutting the casing off because in order to do that you are going to have to excavate a big enough area in order to get the cap back on.

Neubauer – Whereas the plugger in the street(s) he can just plug the well and put the cap back on and go away in essence.

Schwindt – You have a hole this big through the metal cap on top to go down and dig around that's going to be pretty difficult to do, I think. My thinking is that we let the surface contractor whoever is doing the concrete or the asphalt go down and cut this off and then they could open the area up big enough so they can work in it to do what they need to do.

Radig – They can saw-cut a square around it. Cut off the casing and pull the whole thing out while excavating the dirt around it.

Schwindt -- Then go in and glue the cap back on. Then you don't have one person opening an area up to excavate and glue the cap on then it sits there for a while till the next contractor comes along and fills it back in. That was my concern.

Radig – That scheduling makes more sense.

Schwindt – Does that make sense to you Jim? That's what I was trying to get across to Curt Houle yesterday because he was talking about filling this up with cement and bringing his drill rig in to drill the casing out on top. I think that is more complicated.

Radig -- That is more complicated than necessary.

Schwindt – Like I said, he did indicate an interest in working in those grassy areas.

Neubauer – So do we need here is the process for the grassy area, and here is the process for the hard surface area? Here are all the steps that need to be done so we know that Roger and Town & Country Drilling and Fleck & Sons does the concrete work so everybody knows who is doing what part on each well.

Schwindt – I think we won't know that until we get quotes from Roger and Town & Country Drilling if Roger is involved or not involved.

Neubauer – You want a picture that Roger and Town & Country Drilling are bidding on the same thing so we don't get accused of you told me to do this. Otherwise our price could be different.

Schwindt – The other one I guess I could visit with him. I did visit with him in the fall whether he would be interested on those manifolds. We would have to get the rock removed around those as well and then we are going to cut them off and glue the cap on or put the cap on. I don't know if we can glue it on because that's going to be HDPE down below. I can see if he might be interested in doing that aspect of the two. I guess going through the processes, how soon do you want to get started on this. If we are going to wait to finalize this with the Site Strategy Plan that's another month away yet. Then it is the first of June. How soon do we want to proceed with getting things done?

Neubauer – If we get quotes from Roger and quotes from Town & Country we could do a conference call. We don't need to get together as a Trust until it's moved along further unless there are some problems.

Radig – Did Curt indicate that he was available immediately to start or how soon is he available?

Schwindt – I didn't ask him that specifically, but it sounds like he was looking for work.

Radig – That type of work has slowed down.

Neubauer – We need to get the calendar out and here is Monster Truck days, here is Buggie-'n'-Blue days, here is Fourth of July days, here is GrillFest days, September days and Oktoberfest days, if we stay away from those calendar dates.

Barr Engineering. Radig – I was contacted by some people I know at Barr Engineering and they asked if I could show them around the Remediation system to walk around downtown tomorrow. I don't know if you are around or not. Rusty is doing his water levels this week so he said he was going to be around anyway to open up the treatment building to show them the inside. I wasn't going to ask Rusty to make a special trip just to show those guys because we need to pay him when he is not always working. They have somebody from Minnesota that is interested in a project.

Neubauer --Should I note on the building next to Vicky's and the Medicine Shoppe it will be a total of six months at least. It is kind of a dirty area.

Radig – It is a dirty area.

Schwindt – I don't have any additional comments on that.

Radig – So Fritz after you talk to Curt and Roger, let me know what kind of time frame they are looking at. If we need to move this along faster, I can update things before the next meeting. Otherwise I will just plan on having it ready for the next June meeting.

Neubauer – They might want to get going sooner.

Radig provided copies for Dave and Fritz and will email to trustees. Fritz will provide his copy to Curt (Town & Country Drilling) today. And will provide a copy to Roger.

Radig – Make sure they know those depths to the lateral pipes that those can vary from well to well. It looks like they are right up to two feet at the top there and they could be quite a bit deeper.

Fritz – I can't remember what the numbers were when I was looking at them over at the building. It was like 2.5 to 3.5 feet below grade the first one is.

Neubauer – The Site Closure Strategy do we need something in there about contractors, street repair or water line, sewer line, somewhat out in that area between wells what kind of process do we want to use?

Radig – If they intentionally cut through them, then it probably would be appropriate to plug off the ends. If they are going to dig them out, or a section, I think it would be appropriate to glue caps on the ends.

Neubauer – From our standpoint, if we've got contractors that want to work...there is the process of digging into them--cap these off. Of course, we probably will never know if they are doing directional borings because if we go through sewer lines we don't know until 2 months later. A month later the sewer line is plugged up. Why, there is something in it. Put the camera down--went right through the line.

Schwindt – That's one of the things we talked about at the last meeting. One, I think that is what the City needs to be aware of and included in there.

Neubauer – We've got a Site Closure Strategy so it is easier for us to go and say we use Site Strategy and that work is done—cap or

Schwindt – Again, you wouldn't be able to glue a cap on, you could fuse one on because it is HDPE because you can't glue a PVC cap on. You can put one of those rubber Fernco caps on or there are insert ones that you can put in and tighten up.

Neubauer – They expand....

Radig – Expanding packer type plug or some sort of compression cap on those.

Schwindt – Do you think it is necessary for us to verify that each one has been sealed off this way?

Radig – How would you do that?

Schwindt -- We could hire someone to be inspecting those or have the City inspect them.

Neubauer – Is your driller certified?

Radig – The driller is certified. One of the requirements is plugging wells as well as drilling them.

Schwindt – The driller wouldn't be involved placing the cap.

Radig – Not the final cap.

Schwindt – That's the one I am asking about. Certification that they filled it with bentonite that report will be submitted to the State Well Drilling Board. The question is whether we need something on that to verify that the cap was put on. The other thing is I could try to do that myself. Kind of do an inspection of that work, but I don't know if I would have that much time to do all that.

Neubauer – That’s my issue too. I think either you or someone from our Engineering office will come out and say, yes, the cap is there and things are done. We can work that out as we go. Does it sound reasonable?

Radig – It sounds a lot more reasonable than hiring a third party to come in and say yes it is there or have LBG’s engineer come up here.

Schwindt – Depending on how long the contractor takes to get all that work done.

Radig – It could be spread out between quite a few days.

Neubauer – We will have to have a sit down with the concrete guys and the asphalt guys to make sure this is what everybody is doing. Put the cap on and they come and say that the cap is on. It shouldn’t take too long because that is walking distance.

Radig – Either that or could they just take photos of each location to verify that it is on there.

Schwindt – Could do that, I guess.

Neubauer – I don’t know one from the other. It is close enough within walking distance either Fritz or Bob or Engineering can take a 5 minute walk and get it done. Check it off and they can go. If they can get 5 of them done at once and they can complete their repair work then go through and make sure.

Schwindt -- We will have to get a schedule from the contractor once they get going and how many they figure they are going to have or whatever.

Neubauer – We will wait and see what Curt from Town & Country has to say and get prices from Roger and get prices from them.

No further business.

Next Meeting. June 7, 2016 at 9:00 a.m. rather than 10:00 a.m.

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