

February 3, 2010 CSFM Meeting Minutes

In Attendance: David May, Richard M. Battison, David Colby, Tom Hopkins, Erna Waterman, Kane Loader, Ray Limb, Ben Magelsen, Marian Hubbard, Dana Shuler, Chris Wardell, and Kristen Thelen

Salt Lake County Updates

- ◆ Dana Shuler, from J-U-B Engineering, gave a presentation on the bank stabilization work they plan to do on the Jordan River.
 - Improvements have been made to Bubnick Falls. Salt Lake County re-grouted and put in some grouted rock. Some of the rip-rap will need to be lowered and the flow will need to be redirected so it water doesn't go onto the trail. Gardner is going to be doing riparian work on the trail and is thinking of putting in a bridge.
 - There is a trail that is adjacent to the apartments which currently ends at the river. J-U-B is planning on tying that trail into the river trail.
 - They plan to install trench drains to increase safety on the trails. The drains will help prevent mold on the trail.
 - There are erosion problems in some places where the bank is too steep. They will lay the bank back.
 - On an area that is in the constructed wetlands they will do more wetlands reconstruction at the top of the bank rather than riparian work.
 - There are some banks that are still going to be steep because the existing bank was vertical and they can't change it without widening or narrowing the river, which would effect the flow of the river. Where they could they tried to slope the bank to 3:1 slopes.
 - In the Bingham Junction area there is a gap between two sections of improvements where storm drainage was running off. Standtech will be rerouting the drainage and J-U-B plans on filling in the space with rip-rap. First they need to make sure it won't create dams there.
 - On the 2:1 slopes the rock will not be grouted. It will be interlocking rock which will hold together. There was a concern raised by a CSFM member that the rock would hold without grout. The rock is a 9 inch angular rock from Pelican Point Pit, which will interlock and be stable. A question was raised if the slope and rock will withstand erosion and water. J-U-B has a cutsheet from the pit and they have run calculations. The calculations said they needed 2-6 inches of riprap, and they are doing 9 inches, exceeding the recommendations. The slope is not as steep as it sounds. The angle of the slope was demonstrated. There is a place in Draper which has the same type of work done on a steeper slope.
 - A question was raised by a CSFM member about who maintains the water flow. Who is in charge of clearing debris that gets stuck and affects the flow of the river? Salt Lake County is in charge of flow control there.
 - J-U-B is trying to be conservative about cutting into the banks by the

site, even in areas where slag was not encountered by the banks. They will do as little cutting as possible.

- In the presentation J-U-B showed how the stabilization is going to be done, details about the trench drains and trail connections, and planting details about what will be planted on different places on the slope.
- The beaver fencing which has been installed to protect the trees has been pretty successful.
- A question was raised by Tom Hopkins about whether they will need to import top soil on the cut and fills. J-U-B plans to screen the native soil and bring in only a little topsoil if needed. They should have enough native soil to not need imported soil.
- Hopefully they will start planting in the Fall.
- David May of CSFM commented that their approach was good. He also asked if their budget was okay. They still have money left on their grant, and should be okay.

Sharon Steel Updates:

- ◆ Property Owner Updates
 - Ben Magelsen, a property owner of Sharon Steel, gave updates on the site.
 - The property owners are cleaning up some of the fill that was substandard.
 - They are trying to figure out how to get some trucks off the site that have been abandoned by a company that has gone bankrupt. The city will talk to the city attorney and see how to go about getting the trucks off the site. There may be zoning issues that can be enforced.
 - They are trying to figure out a way to secure the gates. They are afraid if they change the locks that they will be cut.
 - The biggest problem with doing maintenance, such as tree removal, is that they haven't determined site ownership, and nobody wants to pay for it. All of the property owners want to spend the least amount of money that they have to until their issues are resolved. Division of ownership is making it complicated. They are willing to address at least some of the easy things to fix.
 - The main issues Midvale City and UDEQ have seen with the site are:
 - Trees and brush on the cap. They need to be pulled, because they are starting to take hold and if they are left they will penetrate the cap. The last time the trees were not pulled. They were cut down, and were supposed to be pulled, but the pulling never happened. Ben Magelsen was not aware that they hadn't been pulled. This is a #1 priority issue right now.
 - Fencing. There is some repair work that needs to be done.
 - The vehicle ruts have filled themselves in, but at the time that they were noticed, it was a big concern.
 - The culverts need to be cleaned out. It wouldn't be good if a large amount of water came through.
 - The city needs reports for all the material that has been hauled in. The city only has 2 reports so far. They need reports on everything

that has been brought into the site, both on and off the cap. Ben Magelsen will e-mail the haul logs on the material he has. He has also done testing on all the Kennecott materials which he can provide. Ben Magelsen does not know if he still has logs on the material that was brought in by Pacific West. He will give Ray Limb the logs he has and will work on getting the others. He will get what he has to Ray Limb by the end of the month and make requests to acquire the rest before the end of the month.

- The gates to the site are open between 7AM-7PM. A questions was raised about who opens the gates and whether the site is secure.

- ◆ UDEQ Updates

- The next site inspection will be February 18th.

Midvale Slag Updates

- ◆ EPA Updates

- Gardner had plans to do pocket wetlands, but they are high maintenance, so they are planning on redesigning the area. They want to put in a bridge over to Bubnick Falls. EPA can't give them money for these projects, but they may be able to help in other ways. EPA is suggesting they tie in the bridge/trail with information about native Utah or kids health.

- ◆ Stakeholder's Meeting Updates

- Chris Kline from the Fish and Wildlife Service discussed the possibility of putting meanders in upriver of Sharon Steel. They would split the river and give it two options to go. Salt Lake Core had plans to put the meanders in, but they didn't have enough money. It's going to cost five million dollars to put them in, and they are looking for funding. This is a natural place to do storm drainage, so maybe EPA use some money to help with the storm drainage/meanders. The plus part is the design for the meanders has already been done, it just needs implementation money. The first step is to work the details out with the city of West Jordan. A comment was made by a CSFM member – The Midvale trail ends badly, maybe with meanders the end of the trail could be made into a loop, maybe crossing to the other side.

- ◆ UDEQ Updates

- In the five year review UDEQ asked Jordan Valley Conservation about whether they were planning on putting wells in by the site. Jordan Valley Conservation is still evaluating whether or not they will put any wells in there. Right now they are not pursuing those wells. They have other places they are planning on putting in wells first.
- The 3rd quarter groundwater monitoring has been completed, and they are finishing the 4th quarter monitoring. There is nothing alarming in the reports. They are planning on switching to semi-annual reports now.

- ◆ Other Updates

- A question was raised by a CSFM member about a private drive that plans to be built on the site. If it doesn't have private access, it cannot

qualify as the needed green space, and that green space will need to be provided somewhere else. Rick Battison, a member of CSFM, stressed in the Stakeholder's Meeting that they need trailheads so the trails can be accessible to the public. Currently it's public land with no access.

CSFM Business

- ◆ Budget Updates
 - The grants for both Sharon Steel and Midvale Slag have been extended for three more years. Funding is running low for Sharon Steel. Kristen Thelen is looking to see if the two grants can be combined or if money can be transferred from the Midvale Slag grant to the Sharon Steel grant. Erna Waterman is going to help look at options for grant funding. Kristen Thelen drew up new budgets for Sharon Steel and Midvale Slag for the money left in the grants. The budgets were approved.
 - Contract Extensions were approved and signed for Tom Hopkins, CSFM's technical Advisor, Kristen Thelen, CSFM's grant administrator, and Kristen Thelen, CSFM's Web Developer.

Next Meeting: April 7, 2010