

CALL TO ORDER

At 7:00 PM, Chairman Foster called the September 13, 2016 Regular Board Meeting of the Moses Lake Irrigation and Rehabilitation District to order. The record shows that all Board of Directors were present. Legal Counsel, Brian Iller and General Manager, Chris Overland was also present. The record indicates that this meeting was recorded. The Pledge of Allegiance was then recited.

DISCUSSION OF AGENDA ITEM(S)

Chairman Foster called on the board members and the audience for discussion on any agenda items, and nothing was brought forward.

DISCUSSION OF NON-AGENDA ITEM(S)

Chairman Foster called on the board members and the audience for discussion on any non-agenda items, and nothing was brought forward.

APPROVAL OF THE AGENDA

Chairman Foster then called on the board members to approve the agenda. Director Perry moved for the approval of the agenda. Director Teals seconded the motion. The motion was then carried unanimously.

APPROVAL OF CONSENT AGENDA

Chairman Foster called on the Board of Directors to approve the consent agenda. The consent agenda consisted of the meeting minutes from 08/09/16, the Bills/Checks (#15754 - #15808) and Vouchers (#1000176 - #1000178) totaling in \$80,681.17. Vice Chairman Bailey made a motion to approve the consent agenda and abstained from voting on anything related to Basin Property Management, Inc. Director Dexter seconded the motion. The motion was then carried unanimously.

MLIRD STAFF REPORTS

General Manager, Chris Overland reported the following:

- Lake elevation was at 1046.70 feet as of September 13, 2016 according to the USGS website.
- The Bureau of Reclamation expects for the rest of the season, there will be no flows through Rocky Coulee Wasteway, but that may change depending on weather and irrigation demands. Recent reporting currently shows flows of 107 c.f.s. through the Rocky Coulee Wasteway and 73 c.f.s. through Crab Creek.
- MLIRD expects to be testing next year at different locations to determine among other things, how much phosphorus is coming in through the Rocky Coulee Wasteway and Crab Creek, which may be impacting lake water green/blue-green algae events.
- The dredge has been operating as much as possible while staying within turbidity limits this year.
- Both harvesters are expected to be out of the lake by the end of September. The harvesting permit expires this year, and MLIRD will be renewing it for next year.
- Phase 2 aquatic treatments have been completed, and MLIRD is considering a Phase 3 with remaining budgeted funds. MLIRD is also looking into doing some bathymetry work in Pelican Horn for

possible aluminum sulfate (Alum) treatments in the future. Laguna is a suitable location for Alum treatment(s), but there aren't a lot of MLIRD ratepayers in the Laguna area to help fund a project like Alum treatments. That being said, the area shows itself to be a good model for alum treatments due to being relatively calm with low water flows. MLIRD treated more than 50 acres with Diquat herbicide this year during Phase 1 aquatic treatments in Laguna. Chairman Foster's personal opinion is that MLIRD has now reached out to the residents of Laguna and has received little to no response and proposes MLIRD finds another test location for the Alum treatments. General Manager, Chris Overland agreed and said the bathymetry scale for the Alum treatments is going to take place in upper Pelican Horn. Both upper and lower of Pelican Horn will be looked at. General Manager, Chris Overland is not certain if actual treatments with Alum will begin in 2016 or if treatments will be scheduled for 2017. Director Teals asked what kind of outreach MLIRD has done for the residents of the Laguna area to interest them in joining the District. General Manager, Chris Overland responded that in both, 2015 and 2016, MLIRD mailed letters to residents of Laguna and at this moment, no residents have come forward and committed to petitioning into the District.

- Director Dexter asked about the USBR charging lower Stratford Road and having subterranean flow coming out near McConihe area. Chairman Foster said he does not believe the lake is experiencing any subterranean water. General Manager, Chris Overland said the Rocky Ford Creek flows and Crab Creek flows that the USBR track is taken manually, so any of the subterranean flows MLIRD will have no knowledge of. Vice Chairman Bailey noted that the only possible one would be coming above Highway 17 into Rocky Ford Creek and added that it could be compared to previous years. He said one theory has been that a lot of the water that comes through there actually comes from the Stratford area and Round Lake. He believes it would be interesting to see if the flow rate is different now than what it has been in previous years. Vice Chairman Bailey also added that when he was up at Billy Clap Lake recently, it appeared that the flow through there had been reduced to almost nothing.
- Vice Chairman Bailey asked what flows are going into the Pelican Horn area from the logical sources of the Parker Horn Pump Station and the drain that comes off the hill and out by the trailer park. He is curious as to if any of those has changed and if MLIRD is looking at the phosphorus levels in the Pelican Horn area. He believes it might be interesting to find out what MLIRD is inducing into Pelican Horn through the Parker Horn Pump Station and also, what is coming off of the hillside. And if there are some effects from phosphorus that are good, bad or indifferent. General Manager, Chris Overland said that to the best of his knowledge, MLIRD has never done any phosphorus testing. Chairman Foster added that there was probably phosphorus testing done during the Clean Lakes Project. General Manager, Chris Overland said during the Clean Lakes Project there were consultants doing phosphorus testing, but it was not done by the District. He also added that at that time, the justification used to put the Parker Horn Pump Station in was the fact that Moses Lake was going to have clean Columbia River flows through the summer months. The \$850,000 - \$875,000 Clean Lakes Project was predicated on that. General Manager, Chris Overland said evidence may be growing to suggest that without USBR flows into Parker Horn, MLIRD should possibly be keeping Parker Horn Pump Station shut off, so any undesirable water is not running into Pelican Horn. Vice Chairman Bailey mentioned that would be a part of the reason for comparing all of those factors. General Manager, Chris Overland added as MLIRD is looking ahead, it is one of the concerns being looked at.

- Vice Chairman Bailey also asked if there was any flow going through the culverts under the I-90 Bridge. General Manager, Chris Overland stated that he had not seen any record of whether there is any water flow going through the I-90 culverts. Vice Chairman Bailey said it may be something to take a look at to see if there is any kind of movement. Director Teals said he had been by the I-90 culverts and said there didn't seem to be much water flow moving through. He said it was really hard to notice anything at all. He also added that Moses Lake hadn't had the most water coming through the whole lake this year which may be a factor.
- Chairman Foster asked for the amount of cubic yards of weeds that were brought in from the harvesters this year. General Manager, Chris Overland said he did not have the numbers for this year, but he will try to get them for the next meeting.
- Vice Chairman Bailey also asked if General Manager, Chris Overland could get a reasonable up to date cubic yards of material on the dredge production for the next meeting. General Manger, Chris Overland indicated that the dredge is going to be out of the lake before the lake drops around November 1st, 2016.

Vice Chairman Bailey said he talked with Chris a few weeks ago about looking at alternative methods of dewatering and rough dewatering and how to dispose of the water away from the current location. Vice Chairman Bailey stated MLIRD has a time frame for how long they are going to be working with the dredge in the current location, along with the lower side of the fill, as there is a lot of material to dispose of. He believes MLIRD should be considering rough dewatering and piping the water to another location with electric pumps with a semi-permanent system away from the lake and where mass quantities of water can be pumped out and not be dealing with the problem of getting clean water back into the lake. He believes if MLIRD does the dewatering process electrically with pumps, it would be considerably cheaper and would be a system that would not need to be rebuilt each year. Vice Chairman Bailey thinks that dredging in the current location is going to be an on-going issue and MLIRD needs to figure out how to make it work more efficiently.

General Manager, Chris Overland stated MLIRD may have some challenges as the dredge is moved to the other side of the fill, which is part of the reason MLIRD has talked about other properties to get a higher production out of the de-watering site. The de-watering process is a limiting factor now. MLIRD needs more property, be it purchase or lease, such as something that might offer electricity or an area that electrical silt removal equipment could be placed on pond sites. General Manager, Chris Overland has looked at possible locations. One being parcel number 110007008, which is just on the other side of Highway 17 from where the current de-watering ponds are located. This location is approximately 25 acres, is close to the current location and has access to electricity. General Manager, Chris Overland has been in contact with the owner. Director Teals mentioned that originally MLIRD had looked at that parcel and he thought it was going to be available when the dredging process first started. Director Teals believes if General Manager, Chris Overland can make that parcel happen that it would be great. Another location that was discussed was parcel numbers 313338000 and 313339000 that is currently owned by the School District #161 and is up for sale.

Chairman Foster asked if the idea of running the de-watering process up the creek was still a good idea. Vice Chairman Bailey stated the idea is an "okay" idea. Chairman Foster also added that the farther the property is for the dewatering system, the more cost

pipe would be. Vice Chairman Bailey's idea is rough de-watering at the current location and mechanically pumping the water away instead of worrying about it going back into the lake. Vice Chairman Bailey asked if any of the properties being considered are in the city limits and if that would cause any issues. General Manager, Chris Overland stated its unknown if it poses any issues, but he believes parcel number 110007008 is in the city limits.

Vice Chairman Bailey mentioned that MLIRD should sit down with the City of Moses Lake and let them know MLIRD's tentative plans and ask what problems may be associated with them. Chairman Foster believes that the first steps should be getting some rough estimates on cost for power, pipe, pump, etc. Vice Chairman Bailey agreed and said that he feels that is the only way to get through it. He feels MLIRD is just having trouble making any progress and it is not that it's anybody's fault. General Manager, Chris Overland said MLIRD staff has made progress on the sediment bowl, but rocks which were unforeseeable became problematic. The next step in clearing it out is going to be mechanical dredging within the area northeast of the Fill. What MLIRD has going now for the de-watering system is adequate to finish off where MLIRD is at for the moment. General Manager, Chris Overland said that larger scale operations make a lot of sense when MLIRD starts discussing going on the other side of the Fill. General Manager, Chris Overland expressed he is all for trying to get a new permit going, but wants to upsize the scale of the de-watering operations before that happens. He also added if MLIRD is planning on dredging long term for a number of years to come, MLIRD should probably make an investment where MLIRD plans to be long term.

General Manager, Chris Overland also believes that MLIRD needs to assess the equipment before going to the other side of the Fill. Vice Chairman Bailey asked General Manager, Chris Overland if dredging was something MLIRD wants to continue in the future. General Manager, Chris Overland said he thinks there might be better equipment out there for what MLIRD wants to accomplish, such as portable dredging equipment. Vice Chairman Bailey believes it would be hard to try and move any material out below the Fill mechanically. General Manager, Chris Overland stated that a few of the areas that may be possible to try and mechanically dredge would be the Wildgoose area or where MLIRD places the dredge in and out each year. Chairman Foster asked if the original concept behind the dredge was not to rid everything between Stratford Road and Highway 17 of sediment, but to make it where it was more of a collecting area. Vice Chairman Bailey agreed and said it was to clean up what was on both sides of the Fill because the problem really came to light with the way the Fill was getting to be west of Stratford and to also build a basin just below or above the Highway. Years ago, the MLIRD Board felt mechanically dredging was very practical in certain areas, and Vice Chairman Bailey was the contractor that did some of it, and it worked well. Chairman Foster thought the Board directed General Manager, Chris Overland to contact Ryan Walker with Grette Associates and pursue the concept of mechanically dredging in that area because of the rock. General Manager, Chris Overland said he has discussed it with Ryan Walker, but Ryan Walker is not working on it as an "active project" at the time, but it is on his list of things to look into. In addition, Vice Chairman Bailey asked at some point when MLIRD has things working satisfactory, MLIRD needs to identify where MLIRD needs to go from there, whether it be finish Wildgoose, Laguna, Pelican Horn and etc.

Vice Chairman Bailey said the biggest problem for MLIRD in the foreseeable future, particularly with flows down Crab Creek increasing, is being able to keep Parker Horn area clean. General Manager, Chris Overland mentioned some of the challenge is being able to go into Parker Horn and clean it out when the Crab Creek flows are not going through because anything being stirred up is being carried down the lake which is a huge concern of his. Vice Chairman Bailey agreed.

Chairman Foster said he liked Vice Chairman Bailey's idea of rough dewatering, which will give MLIRD more capacity to move more material, so MLIRD does not have to put the water back into the lake.

Vice Chairman Bailey said he would like the Board to appoint him to work with General Manager, Chris Overland on the dredging project and give whatever help is needed such as contacting the property owners. Chairman Foster said he did not believe the Board needed any action to appoint him to work with General Manager, Chris Overland on the dredging project as a planning committee was chosen a few years ago with Vice Chairman Bailey head of the Dredging Committee. Chairman Foster added he doesn't expect a plan at the October Regular Board meeting, but would like to be kept up to date on anything going on. Vice Chairman Bailey said his goal would be to have something available for budget time in the event MLIRD needs to address something.

Director Dexter asked if the plan was to capture lake water and run it through a pipe up Crab Creek and dispersing it onto a field. General Manager, Chris Overland added it all depends on whether MLIRD can or can't come up with a clean stream to return it back into the lake. Chairman Foster agreed and said it's all part of the analysis and which is the more cost effective way to do it.

Director Perry said that parcel number 110007008 appears to be the most logical solution. She also asked if anyone had done any research with the property owners that live above Highway 17 on Crab Creek, such as developing a riparian zone that traps the silt before it even reaches Moses Lake. Vice Chairman Bailey said the Crab Creek area is really barren, and when the big water flows come through there, it scours it out pretty well and the properties become flooded. He added that dealing with the entire channel would be a real challenge.

- Jeromy and Rosaria McKean have expressed the desire to petition their parcel into the District. MLIRD will be running a series of advertisements in the Grant County Journal. In the event there is no opposition, MLIRD will have a resolution ready for the October Regular Board meeting. The address of their parcel they want to petition into the District is 7328 NE Stonecrest Road.
- The 2017 Assessment Roll draft will be presented to the Board at the October Regular Board meeting. The equalization meeting will be scheduled for 6:30 PM on November 8th, 2016.
- The 2015 accountability audit has been tentatively postponed until October 10th, 2016.

EXECUTIVE SESSION

The Board went into Executive Session at 7:50 PM to discuss with Legal Counsel, Brian Iller the union contract negotiations as authorized by RCW 42.30.140(4), to discuss pending litigation as authorized by RCW 42.30.110(1), and to discuss potential litigation in the form of the risks of a proposed action or current practice regarding office lease and lake buoy placement authority & maintenance responsibility as authorized by RCW

42.30.110(1)(i)(iii). The expected time was 15 minutes and they were to return to Regular Session at 8:05 PM. Legal Counsel, Brian Iller indicated that there may or may not be further action taken as a result of the discussion in Executive Session.

Chairman Foster entered back into the Boardroom at 8:05 PM to extend Executive Session another 10 minutes. They were to return to Regular Session at 8:15 PM.

The Board entered back into Regular Session at 8:15 PM.

WORKSHOP/DIRECTOR QUESTIONS and/or COMMENTS

Director Teals was under the impression that all of the Laguna residents were in the District. He said the way Laguna was developed was that near Pier 4, there is an entrance way into the Laguna that MLIRD did some work on to help water go through. He also added there is a culvert that goes underneath Laguna Street that is supposed to help water move through the area. Director Teals does not believe any water can pass through it. Vice Chairman Bailey said that he believes there is more than one culvert in the Laguna area. Director Teals wonders if MLIRD can get in there with equipment when the water goes down to see what the status is. He believes if MLIRD can move any water through the Laguna it would be an advantage. Vice Chairman Bailey expects that the City of Moses Lake has the original plat maps that would show where all of the culverts are at. Chairman Foster said perhaps Director Teals could mention to someone in the Laguna Home Owners Association to take on this project and MLIRD will assist in any way possible, but it would be a lot easier if all the Laguna residents were in the District. Legal Counsel, Brian Iller said MLIRD could in all fairness say that in areas of the lake where there are few MLIRD ratepayers, they would be considered a low priority area. Vice Chairman Bailey said he would try and find out what he can about the Laguna Home Owners Association and also added that he would go with Director Teals to talk with them.

ADJOURNMENT

The meeting was adjourned at 8:25 PM.

Jeffrey B. Foster, Chairman

Bill Bailey, Vice Chairman

Mary Perry, Director

Kris Dexter, Director

Richard Teals, Director

By: _____
Secretary to the Board of Directors

Transcribed By: _____