

CARSON TRUCKEE WATER CONSERVANCY DISTRICT

Board Meeting
August 11, 2015

DIRECTORS:

Todd Westergard
Ernie Schank
Karen Baggett
John Capurro
Ed James
Mike Nevin
Greg Dennis

ABSENT:

Gwyn Washburn
Chuck Roberts
John Enloe

GUESTS:

Leo Bergin, Attorney
Lori Williams, Engineer
Dave Wathen, FWM
Ron Penrose, Superintendent
Danielle Henderson, TRFMA
Staff

1. CALL REGULAR MEETING TO ORDER -

President Westergard called the Regular meeting to order at 10:00 a.m.

2. PUBLIC COMMENT – None

3. APPROVAL OF MINUTES AND CHECKS WRITTEN –

Director Schank made a motion to approve the minutes for July 14th and July 28th meetings and checks written on Bank of America #9302 - #9308 and Nevada State Bank #2609 - #2612, motion seconded by Director Capurro, motion carried.

4. FEDERAL WATERMASTER'S REPORT – Dave Wathen, FWM

A complete copy of the Water Report is available at District Offices.

Tahoe is 4/10ths below the natural rim. Recent rains had held Tahoe steady for quite a while but it is now dropping significantly.

Boca storage is at 6645 AF releasing 40 cfs today, with 10 of the 40 being natural flow coming in on the Little Truckee, the remainder is TMWA's, a little pondage and fish water. 30,000 AF feet of Boca has been kept as rate water as a minimum pool this year. The remainder is TMWA's, little pondage and a little Stampede water.

Stampede is at 32373 releasing 120, the reason for the 120 release is they are bringing down TMWA water to Boca. There is going to be work down on the Little Truckee and the water needed to be brought down to Boca as it will be down to 15cfs during the work.

5. UPDATE ON VIRGINIA STREET BRIDGE 408 ENCROACHMENT PERMIT – Lori Williams

See Engineer/Consultant Report

Work is progressing nicely; the River is still split with the water going down the middle. The project appears to be basically on target.

6. DISCUSS 408 ENCROACHMENT PERMIT PROCESS AND REQUIREMENTS FOR TEMPORARY/EMERGENCY PROJECTS – Lori Williams

This issue came up from the TMWA application for a temporary emergency

Encroachment Permit for drought response. USACE advised that if TMWA wanted a 408 permit they would have to do a full NEPA process, which is a time consuming. There is nothing in the Martis Creek Agreement that says how temporary encroachments in the River will be handled. The Martis Creek Agreement just says you have to have the District Engineer's approval for an encroachment in the River; meaning that the Flood Control Branches District Engineer has to sign off on any encroachment in the River. TMWA got ahead of the process in trying to do the right thing rather than wait till an emergency and proceed under a USACE regulatory emergency permit or maintenance exemption rather than trying to get a permit in place in advance. TMWA is no longer seeking a permit as they will be using wells for drought maintenance and deal with any future events as an emergency situation.

This process now brings up the question as to how the Board will handle "Temporary/Emergency Encroachment Projects". Ms. Williams has sent an email to USACE as to how this type of situation would be handled in the future; there has been no response from USACE thus far.

There was discussion as to the exposure the Board faces. The Martis Creek Agreement is so vague. That rather than ask for permission we should ask for forgiveness. In the case of an emergency they specific entity involved would be told to contact USACE.

There was discussion as to the protocol in the case of an emergency encroachment. Superintendent Penrose will work on formulating a protocol and present it at the next meeting.

7. DISCUSS CHANNEL MAINTENANCE PROJECT(S) FOR 2015 – Lori Williams

When Engineer Williams and Superintendent Penrose did their inspection of the River for Martis Creek report they identified several trees and other debris that are in the River. Ms. Williams recommended that a debris removal project take place. This year all of the temporary easements with the City of Reno and any other property owners have expired, so a little effort would need to take place to renew these access permits. She will attempt to get permits with a longer period of time however last year they would only issue annual permits with a single renewal. It would be much easier if we did it the same way as last year in hand picking the company to do the project. Last year the cost was \$18,000 and Ms. Williams estimates that this year's would be under \$25,000.

Another potential project is a shoaling deposit just upstream of the Kietzke Bridge. It is not impeding the flow. Ms. Williams had the engineer look at it and update the mode information is that there is very low south bank that in the event of a 14,000 cfs event is very close to overflowing the bank. Currently it is not the actual deposit that is causing problems but the deposit is collecting vegetation at a pretty high rate. We could just go and remove the vegetation, which would slow it down for a few years. The vegetation is more important than the deposit at this point. Ms. Williams and Mr. Penrose will be discussing this with the USACE because the River is so low this year.

Ms. Williams will provide a list of sites for the next board meeting.

8. DISCUSS POSSIBLE ISSUES AND ACTIONS RELATED TO PRE-EXISTING CHANNEL ENCROACHMENTS – Lori Williams

The question was raised as to how proactive the Board should be on existing encroachments that were built before and after the Martis Creek Agreement.

- ❖ Director James made a motion for Attorney Bergin to draft a form type letter stating something to the effect that your encroachment (deck) was built prior to the Martis Creek Agreement and any changes or modifications to said encroachment would come under the CTWCD jurisdiction and therefore they would need to obtain a permit. Motion was seconded by Director Capurro; motion carried.

Director Schank asked of Ms. Williams how we would determine if the possible

encroachments were in the 14,000 cfs path. Ms. Williams advised that what they have been doing is seeing if the model was updated for that specific area and if not they are using the LIDAR data and then updating the model for that section to determine the water surface elevation is and then determining if it is in the 14,000 cfs path.

9. ENGINEER/CONSULTANT REPORT – Lori Williams

A complete copy of the Engineer's Report is available at the District Offices or on the CTWCD website.

MONTHLY ACTIVITIES- July 2015

- 1) Monitor Virginia Street Bridge work for Encroachment Permit.
- 2) Update model with LIDAR survey upstream of Kietzke Bridge.
- 3) Plot 14,000cfs georeferenced water elevations on Martis Agreement Plates; Compare with City of Reno as-builds for Riverside walls compared to assumed water elevations.
- 4) Pursue old version of the HEC-2 model which may have been the source of the Martis Agreement water elevations; contact USACE Flood for any file data related to the origin of the water elevations in the agreement.
- 5) Review of TMWA Drought Encroachment Permit Application & recommendation to District for Approval; Work with USACE regarding the TMWA 408 Permit Application and any technical requirements;
- 6) Emails with USACE requesting requirements 408 Permit for temporary/emergency channel diversions.
- 7) Research temporary flood control measures and request budget level pricing.

UPCOMING ACTIVITIES

- 1) Evaluate the updated model sections near Kietzke Bridge for evaluation of shoaling deposit.
- 2) Evaluate temporary flood control measures including cost, storage, installation requirements and options for West Street Plaza and Riverside Drive.
- 3) Plan channel maintenance projects, including annual debris removal project and secure permits/authorizations for work.
- 4) Evaluate additional needs for model updates upstream of Keystone Avenue to State Line and downstream of Lake Street to Glendale Bridge; possibly needed for upcoming 408 Encroachment evaluations.
- 5) Run 14,000cfs steady state HEC-RAS flow model to establish water surface elevations along key river locations to evaluate issues; complete sections upstream and downstream of downtown.
- 6) Schedule a meeting with USACE Regulatory Branch (moved out to August-September 2015 pending model information) to discuss project work including debris removal, shoaling deposits and box removal.
- 7) Schedule a meeting and with USACE Flood Control Branch (October 2015) regarding inspection issues, West Street Plaza, 14,000cfs model outcomes and evaluation of channel walls in downtown Reno and appropriate application/confirmation of SWIF process eligibility.
- 8) Continued coordination with City of Reno for 1) Flood Response evaluation and incorporation of Interim Risk Reduction Measures into their Flood Response plan, 2) Flap-gate Installation needs assessment and project and 3) Vegetation Variance for trees along channel- not expected to be necessary due to interim order.

- 9) Draft Vegetation Variance Application for Trees in Vegetation Free Zone if applicable under SWIF; confirm eligibility with USACE.
- 10) Finalize the Equipment Access/Entry Point Documentation and Mapping for the District Jurisdiction.

10. LEGAL COUNSEL REPORT – Leo Bergin

Nothing to report

11. SECRETARY/TREASURER REPORT – Mary Pat Eymann

Nothing to report

12. PUBLIC COMMENT - NONE

13. BOARD COMMENTS and/or REQUEST FOR AGENDA ITEMS –

- Director James – The Legislature did not put any money for Clearing and Snagging this session and he knows there are a lot of things on the Carson River that need clearing. If there are funds available from this District that the money could possibly be put for some of these projects. Douglas Count is looking for money for a diversion and may need funding. Ms. Eymann will prepare letters and send to the Conservation Districts to submit requests for funding.

Future Agenda items:

1. Superintendent Penrose to provide a response protocol for emergency/temporary encroachments in the river.
2. Board to approve/disapprove channel maintenance projects for 2015.
3. Board to approve/disapprove funding requests for projects on the Carson River.

14. ADJOURNMENT -

There being no further business, President Westergard asked for a motion to adjourn the meeting. Director Schank moved to adjourn, Director Dennis, seconded said motion, motion carried.

****The next regular meeting will be held Tuesday September 8, 2015 at 10:00 a.m.****

Todd Westergard,
President

Mary Pat Eymann,
Secretary/Treasurer