

**BOXELDER BASIN REGIONAL STORMWATER AUTHORITY**  
**MEETING MINUTES**  
January 27, 2011

**DIRECTORS PRESENT:** Henry Obermeyer  
Larry Lorentzen  
Lee Tucker  
Ken Sampley  
Vic Meline

**DIRECTORS ABSENT:** None

**PRESIDING:** Henry Obermeyer, President

**ALSO PRESENT:** Rex Burns, Authority Manager  
Lew Gaiter, Larimer County Commissioner  
Mark Peterson, Larimer County Engineering  
Martina Wilkinson, Larimer County Engineering

**1. Call to Order**

The meeting was called to order by President Obermeyer at 4:06 p.m.

**ADDITIONS OR DELETIONS FROM THE AGENDA**

None

**OLD BUSINESS**

None

**NEW BUSINESS**

**2. Review and approve minutes of Meeting of December 16, 2010**

Director Meline noted he was included as a Board Director appointed by Larimer County in Commissioner Gaiter's invite to the T-Bar breakfast meeting. Several typographical and grammatical errors were noted and corrected. Director Sampley moved and Director Meline seconded approving the minutes of December 16, 2010 as corrected. With all in favor the minutes were approved as corrected.

**3. Public comment**

None

#### **4. Coal Creek Flood Hazard Mitigation Project Update**

Martina Wilkinson distributed the project update report:

- Efforts transitioning from design to bidding and construction activities.
- CLOMR has been approved by FEMA
- Larimer County Road 7 is closed and the bridge construction is underway.
- Dredging, inlet canal and spillway contract will go out to bid in late February. FEMA very particular about conversations with contractors who may bid on project so the County consulted with Camp Dresser McKee (CDM) for help on a constructability review, format of specifications and bidding process. They are waiting on a final report of their specific recommendations, but CDM was recommending up front a bid process which was not purely low bid, but would include a requirement to provide a dredging plan which would be reviewed and considered in the award process.

Director Sampley questioned why a pre-qualification would not be preferable. Ms. Wilkinson replied CDM recommended against pre-qualification as it precluded potential qualified dredgers who were unwilling to go through the extra work of the pre-qualification process.

Manager Burns explained it was preferable to have the dredgers submit a dredging plan rather than the County specifying the plan and have the dredging contractor blame any problems on the dredging plan. He explained the issues were not with the actual dredging which is relatively straight-forward, but with the placing and de-watering of the dredged material.

Further Discussion was held on the potential advantages of a pre-qualification and Ms. Wilkinson suggested waiting for further discussion between Larimer County Engineering and the Authority Board until CDM's final report is delivered.

President Obermeyer asked if a unit cost for additional dredging could be requested in the bid, stating it might be more cost effective to pay for some over dredging now to increase the time before having to re-dredge.

#### **5. Presentation on Downstream Advantages of the Authority Improvements**

Manager Burns outlined his presentation to the Larimer County Commissioners after they requested further explanation of the downstream benefits of the projects beyond Clark Reservoir. He then presented to the Authority Board the PowerPoint presentation he had prepared for the Commissioners.

##### **Downstream of CR 56 the Project Will:**

- Lessen flood flow rates along about 13 miles of creek.
- Protect 81 houses and about 3,000,000 square feet of commercial and industrial space from flood damage.

- Lessen construction and replacement costs for 13 submerged road crossings – eliminate overtopping of two existing crossings.
- Remove 200 acres of publicly owned land and associated improvements from the floodplain.
- Provide for safe and orderly development of the City of Fort Collins Growth Management Areas (GMA).

**SCS Flood Control:**

- Recent assertion was that SCS dams were not taken into account in FEMA hydrology, or they are going to be removed.
- The dams were taken into account in the model used by FEMA.
- The dams are regularly inspected by the dam safety division of the State Engineer's Office.
- In 2009, all of the dams received a satisfactory rating from the State.

**Safety:**

- A woman and her three children drowned during a flood in Boxelder Creek southwest of Wellington in June 1967.
- There is nothing to keep that from happening again.
- The same submerged roadway conditions are in place that led to that previous disaster.
- From CR 58 downstream across Highway 14 and through Timnath, there are 13 places where the flood covers the road during a 100 year flood.

**Benefit/Cost Analyses - 2002 and 2006:**

- 2002 – Anderson Engineers covered comprehensive damage reduction only downstream of CR 48 but included costs of comprehensive improvements in both upstream and downstream B/C= 1.29  
[damage reduction of \$64.2 million and costs of \$49 million]
- 2006 – PBSJ Engineers based on regional damage reduction only plus land appreciation benefits and only regional costs: B/C= 1.86  
[Damage reduction of \$26 million and costs of \$14 million]

Director Sampley requested the Manager incorporate the master plan executive summary information into the presentation and the location of the Authority projects shown on the map.

President Obermeyer requested an overall map showing the before and after floodplain be added to the presentation. He also requested the potential of Timnath becoming involved with paying for and benefiting from the improvements.

## 6. Financial Report

Manager Burns presented the budget to date revenues and expenditures and cash position handouts.

Director Lorentzen asked about the contract with the new company Rickards & Co. which had split from Rickards Long & Rulon. Manager Burns explained this bill was from the old company for work prior to the split and a proposed contract with the new company would be forthcoming next month.

Discussion followed about deposits in banks with FDIC insurance vs. ColoTrust. President Obermeyer requested more information about ColoTrust and its investments. Director Meline noted in several locations the financials used the word "District" rather than "Authority", and requested these be corrected.

Director Lorentzen moved and Director Meline seconded paying the claims for goods and services in the amount of \$87,459.41. The motion passed 4 to 1 with Director Tucker voting against.

## 7. Manager's Report

Manager Burns distributed his progress report for the previous month. He met with Deni LaRue, Community Information Manager for Larimer County, as suggested by Commissioner Gaiter. She had suggested sending out periodic newsletters to interested parties. He stated he is currently putting together an email list for this purpose with the intent of getting out the first communication in February.

He noted he had sent out a letter to the three IGA entities on the Authority's recommendations for amendments to the boundary and IGA.

Ayres and the Manager are comfortable the ARDEC site works from a geotechnical standpoint and plan to meet with ARDEC on February 11<sup>th</sup>. The ARDEC people are particularly interested in information about the frequency of inundation of the site, pre-project vs. post project, under various storm conditions.

## 8. Adjournment

Director Lorentzen moved to adjourn with Director Tucker seconding. With all in favor the meeting was adjourned at 5:40 p.m.

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 2011

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Henry Obermeyer, President