



**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS  
October 15, 2009**

**MINUTES**

**Members Present:**

Rick Dindinger	Mayor Pro Tem, City of Centennial
Bob FitzGerald	Mayor Pro Tem, City of Aurora
Faye Griffin	Commissioner, Jefferson County
Erik Hansen	Mayor, City of Thornton
Bob Hoffmaster	Engineer
Marcia Johnson	Council Member, City and County of Denver
Peggy Lehmann	Council Member, City and County of Denver
Nancy McNally	Mayor, City of Westminster
Andrew Muckle	Mayor, Town of Superior
Alice Nichol	Commissioner, Adams County
Nancy Sharpe	Mayor, City of Greenwood Village
Walt Spader	Mayor Pro Tem, City and County of Broomfield

**Members Absent:**

Susan Beckman	Commissioner, Arapahoe County
Jerry DiTullio	Mayor, City of Wheat Ridge
Cindy Domenico	Commissioner, Boulder County
Bob Frie	Mayor, City of Arvada
Bob Murphy	Mayor, City of Lakewood
Chris Nevitt	Council Member, City and County of Denver
Kathleen Novak	Mayor, City of Northglenn
Jill Repella	Commissioner, Douglas County
Dave Sellards	Engineer
Guillermo (Bill) Vidal	Deputy Mayor, City and County of Denver

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Bill DeGroot	Manager, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Kevin Stewart	Manager, Information Services and Flood Warning
Dave Bennetts	Assistant Manager, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Senior Project Engineer, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Barbara Chongtoua	Project Engineer, Design, Construction, and Maintenance
Shea Thomas	Senior Project Engineer, Master Planning
Holly Piza	Project Engineer, Master Planning
Frank Dobbins	Director, Finance and Accounting
Sandra Gonzalez	Administrative Services Manager

**Others Present**

Janice Smothers	City of Wheat Ridge, representing Mayor DiTullio
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1. **Call to Order – 1:00 p.m.**  
Chairperson McNally called the meeting to order at 1:00 p.m.
2. **Roll Call - Determination of Quorum**  
Roll was called and a quorum was declared present.
3. **Introductions**
  - a. **Swearing in of New Board Members**  
No Board members were sworn in at this meeting.
  - b. **Staff**  
No staff members were introduced at this meeting.
  - c. **Awards/Recognition**  
The Colorado Association of Stormwater and Floodplain Managers (CASFM) awarded the District the 2009 Colorado's Best of 2009 Honor Award of Outstanding Achievement for Utah Park and the 2009 Grand Award for Engineering Excellence for SPR Globeville. Richard Borhardt (Utah Park) and Bryan Kohlenberg (SPR) were the project engineers for these projects.
4. **Approval of September 17, 2009, Meeting Minutes**  
It was moved and seconded to approve the minutes as submitted.
5. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement lists dated September 2009 were distributed to the Board for review.  
  
There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.
  - b. **Amendment to Establishment of South Platte River – Capital Improvement Fund (Resolution No. 55, Series of 2009)**  
The special fund established for the SPR-CIF is no longer needed for projects along the South Platte River as those projects tend to accumulate over time and can be planned for in advance. This resolution authorizes the closure of that accounting fund as it is no longer necessary.  
  
Council Member Lehmann asked what happens to the funds that currently exist in this account. Mr. Hindman replied that the funds go back into the South Platte River budget.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 55 on the Consent Agenda.
  - c. **Authorization to Participate in Acquisition of Trails RV Floodplain Parcel along Coal Creek in the City of Lafayette (Resolution No. 56, Series of 2009)**  
The acquisition of this property is in coordination with the City of Lafayette. The Trails RV parcel is on the east side of South 120<sup>th</sup> Street about a quarter of a mile south of South Boulder Road on the east side of the City of Lafayette. The parcel is about 1.7 acres in size. Coal Creek flows through the middle of this parcel resulting in 100% of the land being within the 100-year floodplain.  
  
The City of Lafayette has requested District participation in the purchase and preservation of this portion of the Coal Creek floodplain. The majority of the floodplain within the Trails RV parcel will be left in its undeveloped condition. The full parcel has been appraised at \$77,000. The District's share would be \$19,250 which is in line with Board policy for land that will be left in its natural state.  
  
This resolution authorizes \$19,250 of Special Revenue Fund – Maintenance funds for participation in the acquisition of the Trails RV parcel, and also authorizes the Executive

Director to execute the necessary documents with the City of Lafayette for the acquisition of the Trails RV parcel.

Council Member Johnson asked if once a trail is constructed if the District would be involved. Mr. Bennetts replied that the District would be involved for maintenance access purposes.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 56 on the Consent Agenda.

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Elmer's Two Mile Creek in the City of Boulder (Resolution No. - 57, Series of 2009)**

This is a joint project with the City of Boulder. Centennial Engineers/WHPacific designed the project under contract with the City of Boulder. The drainage elements of the project include installation of a boulder-edged channel and concrete box culvert. This multi-purpose project includes construction of a major drainage and pedestrian crossing under Valmont Road by the Colorado Department of Transportation. The City of Boulder already holds the necessary easements and right-of-way where the project is currently being built.

After receiving construction bids, it has been determined that additional funding for the drainage components is justified. The District and the City of Boulder have identified \$3,600,000 in total project costs with the District's participation being \$1,800,000. The previous authorizations, Resolution No. 20, Series of 2008, Resolution No. 38, Series of 2007, and Resolution No. 100 Series of 2004, totaled \$1,600,000 to fund design and to partially fund acquisition of right-of-way and construction.

This resolution authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 57 on the Consent Agenda.

**e. Authorization to Participate in Drainage and Flood Control Improvements for First Creek Detention in Aurora (Resolution No. 58, Series of 2009)**

This is a joint project with the City of Aurora. The City of Aurora desires to design, acquire right-of-way, and construct improvements along First Creek in accordance with the "First Creek Major Drainageway Planning Study" which is currently in progress. The project area is south of Colfax and east of E-470 on the east side of the City of Aurora. Upon completion of the "First Creek Major Drainageway Planning Study" the ideal location and the design parameters will be known for this regional detention pond.

Easement and right-of-way acquisition will be included in the project costs. The District will be administering the design for the detention pond once a consulting engineering firm is selected. The District and the City of Aurora also desire to partially fund construction of the improvements which likely will be managed by the District. The District and the City of Aurora have identified \$400,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$200,000 in 2009 funds.

This resolution authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 58 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch – West Tributary at Orchard Road in Greenwood Village (Resolution No. 59, Series of 2009)**

This is a joint project with the City of Greenwood Village. A professional engineering consultant designed the project under contract with the City of Greenwood Village. The drainage elements of the project include installation of channel protection and connections to a detention pond on the south side of Orchard Road plus channel and trail construction on the north side of Orchard Road.

The City of Greenwood Village already holds the necessary easements and right-of-way where the project will be carried out. The final design is now complete and the District and the City of Greenwood Village desire to construct the improvements which will be managed by the City of Greenwood Village. The District and the City of Greenwood Village have identified \$1,032,000 in total project costs with the District's participation being \$265,000. The previous authorization, Resolution No. 100, Series of 2007, totaled \$200,000 to fund design and to partially fund acquisition of right-of-way and construction.

This resolution authorizes an additional \$65,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Greenwood Village for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 59 on the Consent Agenda.

**g. Authorization for a Planning Study of Littles Creek Upstream of Broadway (Resolution No. 60, Series of 2009)**

The Southeast Metro Stormwater Authority (SEMSWA), on behalf of the City of Centennial, has asked the District to participate in a planning study leading to an Outfall Systems Plan and Flood Hazard Area Delineation (FHAD) for the portion of Littles Creek upstream of Broadway.

SEMSWA has experienced drainage problems in this area related to growth and is looking to the District to help them plan an outfall system that will meet its needs. The District originally studied this area as part of the 1978 *Lee Gulch Little Creek Major Drainageway Planning Study*. Changes in the watershed over the last 26 years warrant a new outfall system plan.

The estimated cost of total mapping and engineering services for this study area should not to exceed \$160,000. Due to the removal of the Coal Creek master plan from the 2009 budget, the District's share of \$100,000 is available for this study.

This resolution limits the District to expenditures of \$100,000 plus the interest earned on monies deposited in the project fund and requires this amount be at least matched by contributions by local sponsors.

There was a question regarding Highline Canal waterflows and Mr. MacKenzie responded that those flows are covered under the master plan for the Highline Canal.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 60 on the Consent Agenda.

**h. Additional Authorization for a Planning Study of the Lower Cottonwood Creek Watershed (Resolution No. 61, Series of 2009)**

The District is currently working with the Southeast Metro Stormwater Authority (SEMSWA) on an Outfall Systems Planning Study for the Lower Cottonwood Creek Watershed. During this study the hydrology of the entire watershed was determined, however, only improvements within the SEMSWA regulatory boundary that are downstream of the Arapahoe/Douglas County line were considered. Douglas County has

participated throughout the project as a non-funding stakeholder. The alternatives analysis phase of the project is completed and it was found that addressing potential improvements in the Douglas County portion of the watershed will greatly benefit the entire drainageway downstream.

Douglas County has requested involvement in the form of funding for the conceptual design phase of the project to address these improvements. The estimated cost of engineering services for this additional area within the current master planning project is not to exceed \$30,000, which the District's share will be \$15,000. Due to the removal of the Coal Creek master plan from the 2009 budget, funds for the District's share is available for this study.

This resolution limits the District to expenditures of \$95,000 plus the interest earned on monies deposited in the project fund and requires this amount be at least matched by contributions by local sponsors.

Mayor Sharpe asked if the original resolution included more than the \$160,000 total currently in the project account. Mr. MacKenzie explained that the original project cost was estimated at \$200,000 (District \$100,000, SEMSWA \$80,000, CCBWQA \$20,000). When the CCBWQA dropped out, the District could only authorize up to 50% of the total project costs. Therefore, the current District participation is at \$80,000. The additional \$15,000 will bring the District's total to \$95,000 which is less than the original resolution amount of \$100,000.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 61 on the Consent Agenda.

**i. Additional Authorization for a Planning Study Update of Piney Creek Upstream of Arapahoe/Douglas County Line (Resolution No. 62, Series of 2009)**

After authorization by the Board at the August meeting, the District began the process of entering into a funding agreement with the City of Aurora and SEMSWA for an outfall systems planning study for the portion of Piney Creek downstream of the Arapahoe County line. Douglas County has since requested to participate in the project as a funding sponsor. This would extend the Project Area upstream of the Arapahoe/Douglas County line to the upper reaches of the watershed.

This study will now develop hydrology for the entire Piney Creek watershed that will be used to produce alternatives for an outfall systems planning study. Due to the removal of the Coal Creek master plan from the 2009 budget, funds for the District's additional share of \$25,000 is available for this study.

This resolution would authorize the Executive Director to execute necessary agreements with the local sponsors to fund the study, and to enter into agreements with an engineering firm and other contractors as needed to provide services for this project. This resolution limits the District to expenditures of an additional \$25,000 for a total of \$105,000, plus the interest earned on monies deposited in the project fund and require this amount be at least matched by contributions by local sponsors.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 62 on the Consent Agenda.

**j. Additional Authorization to Update the Urban Storm Drainage Criteria Manual Volume 3 (Resolution No. 63, Series of 2009)**

The Board has previously authorized the update to Volume 3. This resolution requests authorization for an additional \$42,000 for a total District cost of \$242,000. The additional funds will be used to include a Construction BMP chapter. The goal is to complete the Volume 3 update by April 2010.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 63 on the Consent Agenda.

**k. Acceptance of Flood Hazard Area Delineation Report for Lone Tree Creek, Windmill Creek, and Dove Creek (Resolution No. 64, Series of 2009)**

Bill DeGroot stated that this is the District's first 100% Digital FHAD and demonstrated the features of a DFHAD. The report will be available on the web page once it is approved by the Board today.

This FHAD was completed by ICON Engineering in conjunction with a master planning study for these same drainageways. Funding came from the master planning and floodplain management programs. The local governments are Arapahoe County and Douglas County.

This resolution accepts the report "Flood Hazard Area Delineation, Lone Tree Creek, Windmill Creek and Dove Creek" dated December, 2007 and recommends its use as a guide in future planning related to the floodplain. Recommends that the local governments adopt the report and regulate the 100-year floodplains defined in the report. It also directs that the report be submitted to the Colorado Water Conservation Board for designation and approval of the 100-year floodplains as flood hazard areas.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 64 on the Consent Agenda.

**6. Vote on Approval of the Consent Agenda**

**It was the consensus of the Board that Resolutions No. 55, 56, 57, 58, 59, 60, 61, 62, 63, and 64, Series of 2009, and Cash Disbursements for September 2009 be placed on the Consent Agenda. Mayor Muckle moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.**

**7. Reports/Discussion**

**a. 2009 and 2010 Budget**

Mr. Hindman provided an overview of the budget for 2009 and 2010.

The 2009 projected revenue is projected to be more than budgeted, and projected 2009 expenditures are projected to be less than budgeted. The TABOR factor for next year is 1.955% which translates to a proposed levy of .582 (Adams, Arapahoe, Denver, Jefferson and Douglas Counties) and .519 (Boulder and Broomfield Counties).

**b. Executive Director's Report**

The Executive Director's Report was distributed to the Board Members. There was no discussion.

**8. Other Business**

Mr. Hindman commented that Dave Sellards is still recuperating from his surgery and is on antibiotics. He circulated a get well card for the board members to sign and that he would send to Dave.

**9. New Business**

There was no new business to discuss.

**10. Announcements**

Chairperson McNally reminded the Board that the next scheduled meeting will be held on November 19, 2009.

**11. Adjournment**

Chairperson McNally adjourned the meeting at 1:50 p.m.