



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## REVISED

### BOARD OF DIRECTORS ANNUAL MEETING

Date: Monday, February 3, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Introductions**
  - a. Swearing in of New Board Members
    - Mayor Pro Tem Bruce Beckman, City of Littleton
    - Mayor Herb Atchison, City of Westminster
    - Mayor Pro Tem Ken Lucas, City of Centennial
  - b. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Board of Directors Reappointment**
  - a. Reappointment of Mr. David Sellards to Board of Directors  
(Resolution No. 2, Series of 2014)
5. **2014 Executive Committee – Confirmation**
6. **Presentation of 2013 Audit – Discussion**
  - a. Mark Elmshauser, CPA, CliftonLarsonAllen, LLP
7. **Approval of December 19, 2013 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
8. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Recognition of William DeGroot, Manager of Floodplain Management Program  
(Resolution No. 1, Series of 2014)
  - c. Designation of Public Place for Posting of Meeting Notices  
(Resolution No. 3, Series of 2014)
  - d. Acceptance of Town of Erie Planning Study  
(Resolution No. 4, Series of 2014)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora and Centennial, Unincorporated Areas, Arapahoe County)  
(Resolution No. 5, Series of 2014)
9. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
10. **Reports/Discussion**
  - a. Executive Director’s Report
11. **Other Business**

**12. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, March 20, 2014**

**13. Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

December 19, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Jill Repella, Commissioner, Douglas County  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

None

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtoui	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
Kevin Stewart	Manager, Information Systems & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning
Rachel Steenerson	Student Intern, Design, Construction, and Maintenance
Devin Keener	Student Intern, Information Systems & Flood Warning
Chris Carandang	Student Intern, Master Planning

#### **Others Present:**

Srikanth Grandhi	Student at Colorado University
Amy Schneider	Denver Botanic Gardens

#### **How the Districts Works – Maintenance Eligibility**

Mr. Hindman conducted a presentation on Maintenance Eligibility.

**1. Call to Order and Pledge of Allegiance – 1:00 p.m.**

Council Member Lopez 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. Visitors/Guests/Staff**

Mr. Hindman introduced the District's three new interns:

- Rachel Steenerson, working with Rich Bordhardt in our Design, Construction, and Maintenance Program
- Devin Keener, working with Kevin Stewart in our Information Systems/Flood Warning Program
- Chris Carandang, working with Ken McKenzie in our Master Planning Program

Mr. Hindman also stated that Mayor Lisa Morzel invited a guest to attend the board meeting. Mayor Morzel introduced Mr. Shirkan Grandhi, a graduate student from Colorado University, Boulder. Mayor Morzel met Shirkan last spring at an International Foreign Student networking event held at CU.

Mr. Hindman also introduced Ms. Amy Schneider with the Denver Botanic Gardens.

Swearing in of New Board Members

Mr. Ed Krisor swore in Mayor Pro Tem Bob Roth representing the City of Aurora.

**b. Awards**

Bill DeGroot, Program Manager of the District's Floodplain Management Program was presented with the National Association of Flood and Stormwater Management Agencies (NAFSMA) L. Scott Tucker Award. Mr. Hindman stated that Scott Tucker was the District's Executive Director from 1971 to 2004 and was instrumental in the development of NAFSMA.

**4. Board approval of November 21, 2013 Meeting Minutes**

Council Member Lopez asked if there were any corrections to the November 21, 2013 minutes. Hearing none, the minutes were approved as submitted.

**5. Public Hearing**

Council Member Lopez opened the Public Hearing portion of the meeting.

**a. Presentation of Proposed 2013 -2017 Five-Year Capital Improvement Plan**

This is the final presentation of the Five-Year Capital Improvement Plan (CIP). The CIP was sent to local governments in September asking for comments to be returned to the District. Comments and requests were received from most of the local governments and they have been incorporated into the CIP to the extent possible. All requests cannot be accommodated because there are more requests than there are funds available. The draft 2013 – 2017 Five-Year CIP was distributed to Board members at the last board meeting.

Although the District welcomes CIP requests throughout the year, opportunities to change the Five-Year CIP are limited once it is adopted in December. There is a strong demand for District participation, so it is difficult to add a new project unless another project can be omitted or postponed.

The Five-Year CIP has some built-in flexibility in the funding levels because matching funds from local governments tend to change throughout the year for these large CIP projects. The final Five-Year CIP is presented at the December meeting for adoption pursuant to a public hearing. Authorization for all individual CIP project expenditures will be brought before the Board during 2014.

Council Member Lopez asked if there were any questions or comments from the public. There being none. The Public Hearing portion of the meeting was closed. The public hearing concluded at 1:35 pm.



**6. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated November and December 2013 had been 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. Adoption of 2014 Work Program  
(Resolution No. 53, Series of 2013)**

The 2014 Work Program sets forth primary activities of the District for each major program area. It does not authorize any expenditure. The major program areas include Design, Construction and Maintenance; Floodplain Management; Information Systems and Flood Warning; Master Planning and Special Services (USGS Data Collection, NPDES Activities, etc.). Resolution 53 adopts the Work Program for 2014. The 2014 Work Program serves as a guide and, based on changing needs, projects may be added or removed. The 2014 Work Plan consists of a built-in contingency for each county to account for unanticipated projects.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 53 on the Consent Agenda.

**c. Adoption of Five-Year Capital Improvement Plan (CIP): 2013-2017  
(Resolution No. 54, Series of 2013)**

Resolution No. 54, Adoption of the Five-Year CIP 2013 - 2017, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 54 on the Consent Agenda.

**d. Authorization of 2014 Maintenance Plan Expenditures  
(Resolution No. 55, Series of 2013)**

Authorization will be for the total amount of \$8,324,954, in the Maintenance Fund (Resolution No. 55) and \$2,270,000 in the South Platte River Fund (Resolution No. 56). Adoption of the 2014 budget will limit expenditures in each county to each county's share determined by property tax revenue contribution.

The 2014 Maintenance Work Plan is developed to guide maintenance activities for routine and restoration projects on a county-by-county basis. The Draft 2014 Maintenance Work Plan and a South Platte River Work Plan were distributed to the Board at the last board meeting.

Maintenance Work Plan priorities are based on the following:

- District owned facilities
- Facilities owned by other public entities, but partly financed with District funds
- Facilities owned by other public entities and constructed by others without District assistance
- Unimproved urban drainageways
- Unimproved rural drainageways

Both work plans are based on adding routine maintenance for facilities completed in 2013, continued commitment to facilities owned by the District or constructed with District assistance, staff knowledge of condition of drainageways, annual requests from local governments of maintenance needs, and staff contacts with local entities. Work is listed by county and category of work and includes the local government where the work is located, location, description of work, and the estimated cost.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 55 on the Consent Agenda.

e. **Authorization of 2014 Operation Expenditures for the South Platte River (Resolution No. 56, Series of 2013)**

Resolution No. 56, Authorization of 2014 Operation Expenditures for the South Platte River, was discussed under the previous resolution (Resolution 55).

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

f. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Lakewood Gulch, Wolff Street to Sheridan Boulevard (Resolution No. 57, Series of 2013)**

This is a joint project with the City and County of Denver. Kiowa Engineering Corporation, Inc. designed the project under contract with the District. The drainage elements of the project include installation of bank improvements and drop structures.

Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and the City and County of Denver desire to contribute funds towards right-of-way acquisition.

The District and the City and County of Denver have identified \$740,000 in total project costs with the District's participation being \$250,000. The previous authorization, Resolution No. 101, Series of 2007 authorized District assistance, but not financial participation to fund design and to partially fund acquisitions of right-of-way and construction.

Resolution No. 57 authorizes \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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.

g. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to E. Iliff Avenue, City and County of Denver (Resolution No. 58, Series of 2013)**

This is a joint project with the City and County of Denver. Muller Engineering Corporation, Inc. is designing the project under contract with the District. The drainage elements of the project include installation of bank improvements and drop structures.

The City and County of Denver already holds the necessary easements and right-of-way where the project will be carried out. The design is underway and the District and the City and County of Denver desire to contribute funds towards construction.

The District and the City and County of Denver have identified \$1,700,000 in total project costs with the District's participation being \$850,000. The previous authorizations, Resolution No. 31, Series of 2011; Resolution No. 46, Series of 2011; Resolution No. 13, Series of 2012; and Resolution No. 64, Series of 2012, totaled \$600,000 to fund design and to partially fund construction.

Resolution No. 58 authorizes an additional \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver for the design 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.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County (Resolution No. 59, Series of 2013)**

This is a continuing joint project with the City of Golden. The project includes approximately 900 linear feet of open channel, two roadway crossings, and three drop structure improvements from approximately 200 feet downstream of 23rd Street to approximately 300 feet upstream of 24th Street, within the City of Golden. The project will contain 100-year flows within the West Fork improved channel and eliminate the existing flow separations that occur at the 23rd Street and 24th Street crossings. Upstream the project will tie into the recently completed Golden High School Redevelopment improved channel, while downstream the project will match the existing West Fork Kenney's Run channel.

The District and City of Golden previously selected Icon Engineering to provide final design. Final design, easement and right-of-way acquisitions, and construction are included in the project costs.

The District and the City of Golden have now identified at least \$1,300,000 in total project costs with the District's participation being \$650,000. The previous authorizations, Resolution No. 33, Series of 2012 and Resolution No.17, Series of 2013, totaled \$450,000 to fund design and to partially fund acquisition of right-of-way and construction, therefore the District's additional participation being authorized by this resolution will be \$200,000 in 2014 funds.

Total project costs for the design, right-of-way acquisition, and construction are now estimated to be \$1,300,000. Construction is anticipated in 2014-2015.

Resolution No. 59 authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Golden for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

	<u>Percentage Share</u>	<u>Previously Contributed</u>	<u>Additional Contribution</u>	<u>Maximum Contribution</u>
DISTRICT	50.00%	\$ 450,000	\$200,000	\$650,000
CITY	50.00%	\$ 450,000	\$200,000	\$650,000
TOTAL	100.00%	\$900,000	\$400,000	\$1,300,000

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

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County (Resolution No. 60, Series of 2013)**

This is a joint project with the City of Lakewood. The District is currently administering the preliminary plan (OSP Update) being done by Muller Engineering. Once this phase is complete they will move on to final design. The preliminary plan involves laying out a 100-yr drainageway system to remove several businesses from the floodplain. Ultimately the existing underground system will be removed and flows placed overland in an enhanced local greenway similar to the upstream channel through the Wal-Mart redevelopment area. Easement and right-of-way acquisition is included in the project costs.

The District and the City of Lakewood have identified \$3,350,000 in total project costs with the District's participation being \$1,675,000. The previous authorizations, Resolution No. 65, Series 2008; Resolution No. 42, Series 2011; and Resolution No. 25, Series 2013 totaled \$1,025,000 District to fund design, acquisition of right-of-way and construction. It is anticipated that additional monies for right-of-way and construction will be added next year. Phased construction could begin as early as 2015.

Resolution No. 60 authorizes an additional \$650,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lakewood 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. 60 on the Consent Agenda.

**j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fairmount Outfall, East of McIntyre Street, Jefferson County (Resolution No. 61, Series of 2013)**

This is a joint project with Jefferson County. Jefferson County and the District desire to design, acquire right-of-way, and construct improvements along Fairmount Outfall from east of Eldridge Street upstream to McIntyre Street in accordance with the "*Fairmount Outfall Systems Plan Phase B*" report, by Moser and Associates, dated April 2004.

The project includes open channel, grade control structures, and roadway crossing improvements sized to convey the 10-year event. Upstream of McIntyre Street, the recently completed Swamp Angel Detention Pond enlargement project captures the projected 10-year flow and directs it south through the McIntyre Street Outfall to Clear Creek.

The District will be administering the design once a consulting engineering firm is selected. Easements and right-of-way acquisition will be included in the project costs. Construction of the improvements will also be managed by the District.

The District and Jefferson County have now identified at least \$2,226,000 in total project costs with the District's participation being \$1,113,000. The previous authorizations, Resolution No. 31, Series of 2010 and Resolution No. 21, Series of 2011 totaled \$550,000 District to fund design, acquisition of right-of-way and construction; therefore, the District's additional participation being authorized by this resolution will be \$563,000 in 2014 funds.

Construction of Phase 1, including the expanded Mt. Olivet Pond upstream to 48th and Flora is anticipated to begin in 2014. It is anticipated that additional monies will be needed in future years to fund additional phases of construction upstream to McIntyre Street.

Resolution No. 61 authorizes \$563,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Jefferson County for the design, acquisition of right-of-way, and future funding of 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. 61 on the Consent Agenda.

**k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield (Resolution No. 62, Series of 2013)**

This is a continuing joint project with the City and County of Broomfield. This project involves the reconstruction/widening of the US 287(120th Avenue)/Lowell Boulevard intersection at the location of the Nissen Reservoir Drainageway (Basin 3207) crossing of Lowell Boulevard in the City and County of Broomfield. Currently the drainageway crossing consists of two, approximately 6-ft by 3-ft, corrugated steel pipes that carry low flows under Lowell Boulevard. Preliminary design studies now indicate that a double 32-foot span CON/SPAN structure will appropriately eliminate the frequent overtopping of Lowell Boulevard and provide 100-year capacity with improved maintenance access/pedestrian underpass. Upstream and downstream channel improvements will be needed to transition to the existing channel.

The City and County of Broomfield, under contract with Muller Engineering, are providing the design of the drainageway elements in coordination with the District. The City and County of Broomfield and the District will fund the drainageway elements. Broomfield will advertise the project and provide construction management with oversight of the drainageway elements of the project provided by the District. It is anticipated that easement and right-of-way acquisition, as needed for the drainageway elements will be included in the project costs.

The District and the City and County of Broomfield have now identified at least \$2,420,000 in total project costs with the District's participation being \$1,210,000. The previous authorizations, Resolution No. 70, Series of 2011 and Resolution No. 16, Series of 2013 totaled \$1,000,000 District to fund design and to partially fund acquisition of right-of-way and construction; therefore, the District's additional participation being authorized by this resolution will be \$210,000 in 2014 funds. Construction is anticipated in 2014.

Resolution No. 62 authorizes an additional \$210,000 of District funds from the Special Revenue Fund - Construction Budget for calendar year 2014 to be at least matched by the City and County of Broomfield for the construction of the drainage elements of the project.

	<u>Percentage Share</u>	<u>Previously Contributed</u>	<u>Additional Contribution</u>	<u>Maximum Contribution</u>
DISTRICT	50.00%	\$ 1,000,000	\$210,000	\$ 1,210,000
BROOMFIELD	50.00%	\$ 1,000,000	\$210,000	\$ 1,210,000
TOTAL	100.00%	\$ 2,000,000	\$420,000	\$ 2,420,000

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

**I. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County (Resolution No. 63, Series of 2013)**

This is a joint project with the City of Westminster and Adams County. Muller Engineering is currently working on the design of the project under contract with the District. The drainage elements of the project include rebuilding the entire Little Dry Creek corridor from Lowell to Federal Boulevards and construction of a formal detention pond upstream of Federal Boulevard to remove adjacent structures from the floodplain, and to support future construction of a new park and an adjacent FasTracks station.

Easement and right-of-way acquisition is included in the project costs. The Barnum Publishing building has been purchased and removed in support of the new drainage and flood control facilities and park improvements.

Final Design is ongoing and the District, the City of Westminster, and Adams County desire to continue with final design, acquisition of right-of-way, and construction of improvements.

The District, the City of Westminster, and Adams County have identified \$6,085,000 in total project costs with the District's participation being \$1,910,000. The previous authorizations, Resolution No. 54, Series of 2008; Resolution No. 20, Series of 2009; Resolution No.12, Series of 2010; Resolution No. 43, Series of 2010; Resolution No. 21, Series of 2012; Resolution No. 65, Series of 2012; and Resolution No. 37, Series of 2013 totaled \$1,450,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 63 authorizes an additional \$460,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Westminster and

Adams County 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. 63 on the Consent Agenda.

**m. Authorization of 2014 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems (Resolution No. 64, Series of 2013)**

The District implemented its first early flood detection network in 1978 by installing automated rain and stream gages in the Boulder Creek drainage basin. This network now extends into all seven District counties and includes over 200 stations. Data from the ALERT System is used extensively by local public works and emergency management agencies, our forecasters, the National Weather Service, local news media, and many others including the general public. ALERT is an acronym that stands for Automated Local Evaluation in Real-Time.

Measurements from gaging stations are relayed by radio to repeaters that forward the information to base station receivers. All ALERT transmitters are licensed by the FCC and use dedicated hydrologic frequencies assigned to the National Weather Service. For the past 35 years, the District has assisted local governments with maintaining the ALERT System. Maintenance activities include:

- Activation of gages prior to the flood season (15 April to 15 September)
- Preventative maintenance during the flood season
- Fall shutdown and removal of electronic equipment
- Winter storage of equipment
- Year-round maintenance of weather stations, repeaters and base stations
- Year-round maintenance of stream gages on the South Platte River, Sand Creek, Cherry Creek, Bear Creek, Boulder Creek, and South Boulder Creek

The District maintains the largest portion of this network, while Boulder County, Douglas County and the Aurora Water Department maintain stations that are outside the District's area of interest. For example, gages located in the St. Vrain and Left Hand Canyon watersheds in northern Boulder County are maintained by Boulder County.

The District has also maintained data receiving equipment for four base stations located at The Consolidated Mutual Water Company in Lakewood (Lena Gulch), Denver Wastewater Management Division, the District's main office and at the District Flood Prediction Center on the third floor.

Resolution No. 64 will authorize \$410,000 from the Maintenance Fund for maintaining the ALERT system.

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

**n. Authorization to Establish an Areawide Meteorological Support Service to Local Governments (Resolution No. 65, Series of 2013)**

The District's flash flood prediction program was first established by the District in 1979 after the Big Thompson Canyon flash flood and has been serving the District for the past 34 consecutive years. It utilizes the services of a private meteorologist and operates in close partnership with the National Weather Service.

The professional forecast services provide notifications to local governments concerning potential flood threats. After storms develop, the meteorologists are engaged with interpreting radar and other weather data and keeping local governments informed as conditions change. The District's ALERT system is used by the meteorologist along with radar and satellite data in making forecasts. The program also supports basin flood warning plans for Boulder Creek, Lena Gulch and Bear Creek in Jefferson County, Ralston Creek in Arvada, Goldsmith/Harvard Gulch in Denver, Toll Gate Creek in

Aurora, and Westerly Creek in Denver/Aurora. The program operates during the flood season from mid-April through mid-September.

Resolution No. 65 will authorize \$98,000 from the General Fund to provide weather forecasts and flood predictions to local governments in 2014. The resolution also authorizes an additional \$35,700 for acquiring radar and satellite data, and for other operating costs.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 65 on the Consent Agenda.

**o. Authorization of Funds to Complete Flood Hazard Area Delineation (FHAD) Studies, Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities (Resolution No. 66, Series of 2013)**

The resolution authorizes the total Floodplain Management Program budget of \$370,000. The District typically receives requests from local governments throughout the year for FHAD and LOMR studies. No specific projects have been identified at this time.

This resolution:

- Authorizes the Executive Director to spend up to \$370,000 for Floodplain Management Program projects as well as any funds received from cooperating entities, or FEMA for the completion of Flood Hazard Area Delineation Studies, Letter of Map Revision Studies and/or DFIRM maintenance projects requested by one or more local governments within the District. Other activities include public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices
- Requires the Executive Director to report the initiation of any such projects to the Board of Directors on a timely basis.
- Requires that the benefitting local governments regulate their floodplains in accordance with National Flood Insurance Program regulations at a minimum.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 66 on the Consent Agenda.

**p. Authorization to Assist Communities with NPDES MS4 Permit Compliance, to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 67, Series of 2013)**

Since 1991, the District has been assisting municipalities within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements and related activities.

The cost of continued support services needed to meet NPDES Phase I permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$160,000, the estimated cost for criteria development is estimated at \$125,000, the cost of software development is estimated at \$75,000, and the cost for stormwater management research is estimated at \$115,500.

The Board has adopted the 2014 Work Program (Resolution 53, Series of 2013) which includes a total of \$475,500 to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 67 on the Consent Agenda.

**q. Authorization to Enter into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation (Resolution No. 68, Series of 2013)**

Hydrology is the study of rainfall and resulting stormwater runoff. It is the foundation for all of the District's drainage and flood control design. The District has been part of a cooperative agreement with the USGS regarding rainfall and runoff investigations and peak flow data collection since 1982.

The cost of entering into a cooperative agreement with the USGS with regard to rainfall, runoff, and stream flow data collection and investigation is estimated at \$100,000, which funds are available in the 2014 Work Program.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 68 on the Consent Agenda.

**r. Authorization for a Planning Study of Montclair Watershed (Resolution No. 69, Series of 2013)**

In 2013, the City and County of Denver requested a master plan for the Montclair watershed to coordinate with the drainage alternatives analysis associated with the I-70 Corridor Partial Cover Lowering project. In order to accommodate the request, the Sloan's Lake MDP study was moved from 2014 to 2015 and funds budgeted for that study were applied to the Montclair watershed study.

The watershed has been previously studied by the City and County of Denver but UDFCD has not been involved in any previous studies.

During the Park Hill OSP study, a split flow from the Park Hill watershed to the Montclair watershed was discovered. Those trans-basin flows will be accounted for in this study.

The total master planning costs are projected to be \$200,000. The local sponsor will contribute \$100,000 and Resolution No. 69 authorizes the expenditure of the District's share not to exceed \$100,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 69 on the Consent Agenda.

**s. Authorization for a Planning Study of Sand Creek Right Bank Tributaries (Resolution No. 70, Series of 2013)**

In 2010, the City of Aurora requested a master plan for the right bank tributaries to Sand Creek from I-225 to the Aurora/Denver boundary. The watershed has not been previously studied by the City of Aurora or the District. The City of Aurora wants to ensure there are no significant flooding problems in the area and to address any issues discovered.

The total master planning costs are projected to be \$200,000. The local sponsor will contribute \$100,000 and Resolution No. 70 authorizes the expenditure of the District's share not to exceed \$100,000, plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 70 on the Consent Agenda.

**t. Authorization for a Planning Study of SJCD 6100 at Coal Mine Avenue (Resolution No. 71, Series of 2013)**

Several local governments have voiced the need to re-study individual reaches of drainageways without re-studying the entire watershed. Therefore, a new type of study will be performed for these cases where the hydrology from the previous study will be used, an alternatives analysis will be performed for the study reach and a conceptual design will be created for the selected alternative.



In 2012, SEMSWA, on behalf of Arapahoe County, requested a study for SJCD 6100 in the vicinity of the Coal Mine Avenue corridor in order to address the drainage issues in the area and determine how to get the stormwater to the South Platte River.

The total master planning costs are projected to be \$60,000. The local sponsor will contribute \$30,000 and Resolution No. 71 authorizes the expenditure of the District's share not to exceed \$30,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 71 on the Consent Agenda.

**u. Authorization for a Planning Study of Little Dry Creek (Resolution No. 72, Series of 2013)**

In 2010, the City of Westminster requested a master plan update for Little Dry Creek within Adams County because there have been significant improvements to the drainageway since the last study including a regional detention pond at Federal Boulevard.

In 2013, the City of Arvada requested a FHAD for Little Dry Creek since the effective floodplain is Zone A and the recent changes to the NFIP will be detrimental to properties in Zone A floodplains.

The watershed was previously studied by the District, Jefferson County, the City of Arvada, the City of Westminster, and Adams County in the "*Little Dry Creek (ADCO) Major Drainageway Planning*" study, conducted by Merrick & Co., 1979.

A new FHAD will also be completed for this watershed. The total master planning and FHAD costs are projected to be \$200,000 and \$60,000, respectively. The local sponsors will contribute \$100,000 and Resolution No. 72 authorizes the expenditure of the District's share not to exceed \$160,000, plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 72 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, and 72 Series of 2013, and Cash Disbursements dated October and November 2013 be placed on the Consent Agenda. Commissioner Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

There was no Executive Director's Report distributed for this month's meeting.

**9. Other Business**

**a. Appointment of 2014 Executive Committee**

The Nominating Committee for 2014 officers (comprised of Mayor McNulty, Commissioner Sharpe, and Mayor Morsel) recommended the following slate of candidates for 2014 officers:

Chair – Council member Paul Lopez  
Vice Chair – Mayor Joyce Downing  
Treasurer – Mayor Heidi Williams  
Secretary – Mayor Pro Tem Greg Stokes  
Member At Large – Mr. Dave Sellards

The board voted and motioned to approve the recommended Executive Committee members. Mr. Hindman thanked the Nominating Committee for their services.

**b. Appointment of 2014 Executive Committee**

Mr. Hindman requested volunteers to serve on the Board's Legislative Committee. Mr. Hindman explained that this committee meets when new bills that affect our District are introduced. The following board members volunteered to serve on the 2014 Executive Committee:

Commissioner Charles (Chaz) Tedesco  
Mr. David Sellards  
Commissioner Nancy Sharpe

Bill DeGroot's Retirement Party

Bill DeGroot's last day will be Monday, February 3, which coincidentally, falls on the day of the Board's Annual Meeting. Mr. Hindman announced that Board Members will soon see a "Save the Date" for Bill's retirement party taking place on Thursday, February 6<sup>th</sup> at the History Colorado Center, located at 1200 Broadway in Denver.

**10. Announcements**

The next board meeting will take place on Monday, February 3.

**11. Adjournment**

Council Member Lopez adjourned the meeting at 2:45 pm.

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 1, SERIES OF 2014

(Recognition of William DeGroot, Manager of Floodplain Management Program)

WHEREAS, William (Bill) DeGroot began his esteemed career at the District on January 31, 1974, as Administrator, Floodplain Management Program and now holds the title of Manager of the Floodplain Management Program; and

WHEREAS, Bill DeGroot has served the District for 40 years with distinction and dedication; and

WHEREAS, during his 40-year tenure, Bill's experience as a professional engineer has been invaluable to the Board and the District; and

WHEREAS, Bill DeGroot's unquestionable competency, accomplishments, and leadership has elevated the practice of floodplain management on a local and national level, and

WHEREAS, Bill DeGroot's unwavering commitment to the support of professional organizations and the fostering of critical relationships throughout the floodplain community has proved unprecedented and will continue to pave the way for the District, for many years to come; and

WHEREAS, the policies and procedures that Bill DeGroot has developed and supported, will continue to be an important voice in the floodplain management community both locally and nationally; and

WHEREAS, Bill DeGroot will continue as an active supporter of the floodplain management community; and

WHEREAS, the Association of State Floodplain Managers (ASFPM) has presented him with the Meritorious Lifetime Achievement in Floodplain Management Award, and the National Association of Flood and Stormwater Management Agencies (NAFSMA) has awarded him the L. Scott Tucker Award for Member Service to the Organization; and

WHEREAS, Bill's professional activities have brought him, and thus the District, national recognition.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby recognizes the contributions that Bill DeGroot has made to the District, and his profession, and thanks him for his forty years of service.
2. The Board also congratulates him on receiving the Meritorious Lifetime Achievement in Floodplain Management award from ASFPM and the L. Scott Tucker Award for Member Service to the Organization from NAFSMA.
3. The Board takes great pleasure in recognizing the significant professional achievements of Bill DeGroot, and herewith expresses its sincere gratitude for the invaluable contributions he has made to the District.
4. The Board hereby extends its heartfelt thanks to Bill DeGroot for his 40 years of peerless performance and dedicated public service.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2014

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 2, SERIES OF 2014

(Reappointment of George [Dave] Sellards to Board of Directors)

WHEREAS, the term of George (Dave) Sellards as director of Urban Drainage and Flood Control District ends, January 31, 2014; and

WHEREAS, Subsection 204(6)(a) of the Urban Drainage and Flood Control Act provides that “On or after the twenty-first day of January of each year but on or before the last day of January in such year, a director shall be appointed to the board by such board...”; and

WHEREAS, Subsection 204(6)(b) requires that “Each director appointed pursuant to this subsection (6) shall be a professional engineer licensed by the state, an elector of the District, and not an officer in the regular employment of any public body. Each such director shall remain so qualified during his or her term of office as director.”; and

WHEREAS, Subsection 204(9) provides “Except as otherwise provided in this article, any incumbent may be reappointed as a director to the board.”; and

WHEREAS, Dave Sellards is an elector of the District, is not an officer employed by any public body, is a licensed Colorado professional engineer holding license number 5632 and is currently a director of the District.

NOW, THEREFORE, BE IT RESOLVED THAT:

Dave Sellards is reappointed as a member of the Board of Directors of the Urban Drainage and Flood Control District, for a term ending on January 31, 2016.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 3, SERIES OF 2014  
(Designation of Public Place for Posting of Meeting Notices)

WHEREAS, the Colorado Open Meeting Law requires that notice of public meetings be posted in a designated public place within the boundaries of the local public body; and

WHEREAS, the public place or places shall be designated annually at the local public body's first regular meeting of each calendar year.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors hereby designates the window area adjacent to the main entrance to the District's office at 2480 West 26<sup>th</sup> Avenue, Suite 156-B, Denver, Colorado, as the public place for posting of meeting notices.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 4, SERIES OF 2014  
(Acceptance of Town of Erie Planning Study)

WHEREAS, the Board cooperated with the Town of Erie in the preparation of an outfall systems planning study for the Town of Erie west of Coal Creek (Resolution No. 37, Series of 2012); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of WRC Engineering, Inc. to conduct studies and prepare an outfall systems planning report for the Town of Erie west of Coal Creek (Exhibit A); and

WHEREAS, WRC Engineering, Inc. was acquired by RESPEC Consulting & Services; and

WHEREAS, the District reviewed the alternatives presented by RESPEC Consulting & Services and concurred with the need to complete the study based on an alternative selected in cooperation with the Town of Erie; and

WHEREAS, RESPEC Consulting & Services has completed the study and submitted to the District the "*Town of Erie Outfall Systems Plan (West of Coal Creek)*" report, dated January 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "*Town of Erie Outfall Systems Plan (West of Coal Creek)*," dated January 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 4, SERIES OF 2014  
(Acceptance of Town of Erie Planning Study)

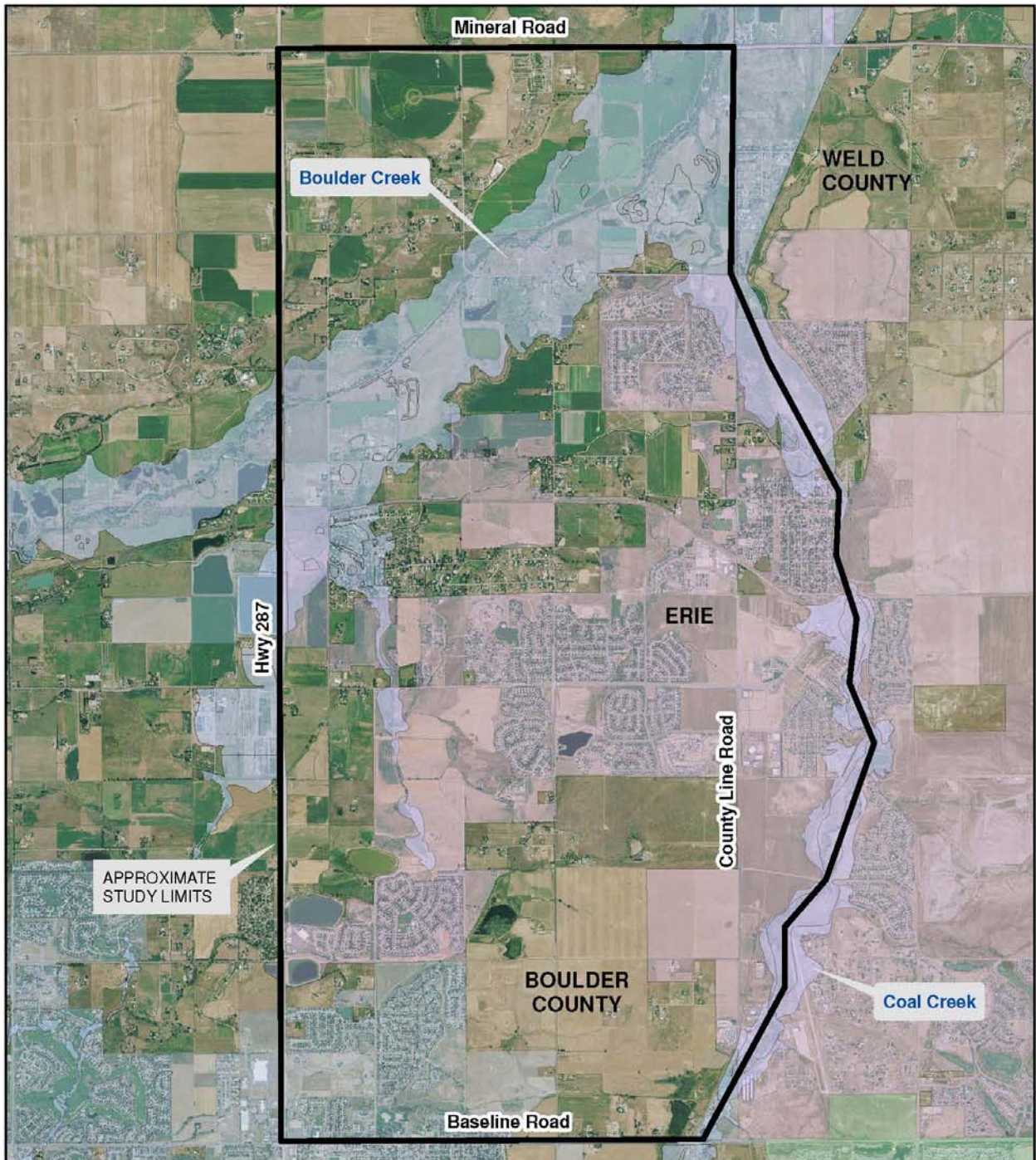
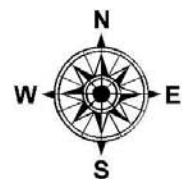


EXHIBIT A  
TOWN OF ERIE  
Outfall Systems Plan  
Approximate Study Limits  
May 2012



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 5, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Cherry Creek at Arapahoe Road, in Cities of Aurora and Centennial and  
Unincorporated Areas, Arapahoe County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Aurora, Southeast Metro Stormwater Authority (SEMSWA), and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to SEMSWA its rights and obligation for the Cherry Creek at Arapahoe Road project; and

WHEREAS, the Cities of Aurora and Centennial, Arapahoe County and the District cooperated in the preparation of "*Cherry Creek Corridor Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report*," dated January 2004; and

WHEREAS, the Board previously authorized (Resolution No. 6, Series of 2013; Resolution No. 55, Series of 2012; and Resolution 40, Series 2012) \$1,030,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road (Exhibit A); and

WHEREAS, the City of Aurora, Cherry Creek Basin Water Quality Authority (CCBWQA), SEMSWA, and the District now desire to construct improvements along Cherry Creek at Arapahoe Road; and

WHEREAS, the District has estimated the additional project costs to be \$670,000 resulting in a revised total project cost of \$2,900,000 (\$1,180,000 District; \$900,000 CCBWQA; \$800,000 Aurora; and \$20,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 43, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek at Arapahoe Road; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 44, Series of 2013) in which the improvements along Cherry Creek at Arapahoe Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2012, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek at Arapahoe Road project without prior approval of the Board shall be ~~\$1,030,000~~ **\$1,180,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by City of Aurora, SEMSWA, and CCBWQA."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 5, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, in Cities of Aurora and Centennial and Unincorporated Areas, Arapahoe County)

### EXHIBIT A





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

# REVISED

### BOARD OF DIRECTORS MEETING

Date: Thursday, March 20, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Introductions**
  - a. Swearing in of New Board Members  
Mayor Pro Tem Ken Lucas, City of Centennial
  - b. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Final 2013 Audit Discussion**
  - a. Mark Elmshauser, CPA, CliftonLarsonAllen, LLP
  - b. Acceptance of 2013 Audit Report  
(Resolution No. 16, Series 2014)
5. **Approval of February 3, 2014 Meeting Minutes** (*If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected"*)
6. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)
  - a. Review of Cash Disbursements
  - b. Check Signing Procedure and Maximum Authorization of Executive Director  
(Resolution No. 6, Series of 2014)
  - c. Flood Awareness  
(Resolution No. 7, Series of 2014)
  - d. Authorization of Expenditures for Electronic Data Management  
(Resolution No. 8, Series of 2014)
  - e. Authorization to Participate in Implementing an Enhanced Early Flood Warning System for Lena Gulch  
(Resolution No. 9, Series of 2014)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard, City of Aurora, Adams County  
(Resolution No. 10, Series of 2014)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements for North Outfall at Midland Street, City of Brighton  
(Resolution No. 11, Series of 2014)
  - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek Upstream of McCaslin Boulevard, Town of Superior  
(Resolution No. 12, Series of 2014)
  - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Reach BP20, Town of Erie, Boulder County  
(Resolution No. 13, Series of 2014)
  - j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2, City of Louisville, Boulder County  
(Resolution No. 14, Series of 2014)

- k. Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek Outfall at Rampart Range Road, Douglas County (Resolution No. 15, Series of 2014)

**7. Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*

**8. Reports/Discussion**

- a. Executive Director's Report

**9. Other Business**

- a. UDFCD Parking
- b. Changes in Vegetation Management

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, April 17, 2014**

**11. Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

February 3, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor Pro Tem, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Mark Hunter, Engineer  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Council Member, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Mary Beth Susman, Council Member, City/County of Denver  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield

#### **Members Absent:**

Faye Griffin, Commissioner, Jefferson County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Chris Carandang	Student Intern, Master Planning
Barbara Chongtoua	Senior Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Floodplain Management
Bill DeGroot	Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Devin Keener	Student Intern, Information Services & Flood Warning
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Manager, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
Rachel Steenerson	Student Intern, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Mark Elmshauser	CliftonLarsonAllen, LLP
Laura Kindt	Otak, Inc.
Ken Lucas	Council Member, City of Centennial
Andrew Midwood	Otak, Inc.



## **How the Districts Works – Funds**

Mr. Hindman conducted a presentation on District Funding.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Council Member Lopez called the meeting to order at 1:00 p.m.
2. **Introductions**
  - a. **Swearing in of New Board Members**  
The following individuals were sworn in as new board members by Mr. Ed Krisor:
    - Mayor Herb Atchison, City of Westminster
    - Mayor Pro Tem Bruce Beckman, City of Littleton
  - b. **Visitors/Guests/Staff**  
Mr. Hindman introduced the following guests:
    - Council Member Ken Lucas, City of Centennial
    - Laura Kindt, Otak, Inc.
    - Andrew Midwood, Otak, Inc.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Board of Directors Reappointment**
  - a. **Reappointment of Mr. David Sellards to Board of Directors (Resolution No. 2, Series of 2014)**  
Council Member Lopez stated that Mr. David Sellards is willing to be reappointed to the Board of Directors. Resolution No. 2, Series of 2014, would reappoint Mr. Sellards to a two-year term through January 31, 2016. Resolution No. 2 was moved, seconded, and unanimously passed.
5. **2014 Executive Committee – Confirmation**  
At the December 2013 Board Meeting, the following slate of candidates were recommended and approved to serve as the 2014 Executive Committee:
  - Chair – Council Member Paul Lopez
  - Vice Chair – Mayor Joyce Downing
  - Treasurer – Mayor Heidi Williams
  - Secretary – Mayor Pro Tem Greg Stokes
  - Member At Large – Mr. David SellardsWith this being the annual meeting, the new Executive Committee is required to be confirmed. It was motioned by Mayor Atchison, seconded by Commissioner Sharpe, and unanimously passed to confirm the Executive Committee recommended at the December 2013 Board Meeting.
6. **Presentation of 2013 Audit - Discussion**  
Hard copies of the final UDFCD 2013 Audit Report were provided to the Board of Directors. Mr. Hindman introduced Mr. Elmshauser and Mr. Petrone with CliftonLarsonAllen, LLP, who provided a briefing on the audit report to the Board. Mark stated that he and Justin will attend the March Board Meeting to address any questions regarding the audit report.
7. **Board Approval of December 19, 2013 Meeting Minutes**  
Council Member Lopez asked if there were any corrections to the December 19, 2013 minutes. Hearing none, the minutes were approved as submitted.
8. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated December 2013 and January 2014 had been 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. Recognition of William DeGroot, Manager of Floodplain Management Program (Resolution No. 1, Series of 2014)**

This resolution is in recognition of Mr. William DeGroot for his 40 years of dedicated service to the District. The Board of Directors expressed their thanks for his support and commitment and recognized that his contributions were vital to the success and growth of the District.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 1 on the Consent Agenda.

**c. Designation of Public Place for Posting of Meeting Notices (Resolution No. 3, Series of 2014)**

It is required by the Colorado Open Meetings Law that the District annually designate the location for the posting of meeting notices. The District designates the window area adjacent to the main entrance of the District Office as the public place for posting of meeting notices. The District is located at 2480 W. 26<sup>th</sup> Avenue, Suite 156-B, Denver, Colorado 80211.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 3 on the Consent Agenda.

**d. Acceptance of Town of Erie Planning Study (Resolution No. 4, Series of 2014)**

Resolution No. 37, Series of 2012 authorized an outfall systems planning study update for the Town of Erie west of Coal Creek, for which the District partnered with the Town of Erie. The area was previously studied in an outfall systems plan in 2001.

During the project, the City of Lafayette and Boulder County expressed an interest in finding an alternative to solve a flooding problem on one of the outfalls shown in the study that lies within their respective jurisdictions. Each local government contributed a small amount to include this outfall in the alternatives analysis and conceptual design phases.

The study area is approximately 17 square miles and is partially developed. There are thirteen outfalls that discharge east to Coal Creek and eleven outfalls that discharge north to Boulder Creek. Improvements recommended in the study include:

- Incorporating planned detention ponds in current development drainage plans
- Outfalls from the planned detention ponds to the receiving streams
- Modifying the embankment and spillway on Prince Lake #2 to account for attenuation in the pond
- Engineered channels to convey flood flows
- Increased pipe sizes to convey the minor storm flows in developed areas
- Increased capacity roadway crossings
- Culvert crossings to separate stormwater flows from irrigation ditches
- Water quality enhancements

The total cost of improvements recommended in the study is just over \$25 million. Resolution No. 4 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 4 on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora and Centennial, Unincorporated Areas (Resolution No. 5, Series of 2014)**

This is a joint project with the City of Aurora, Cherry Creek Basin Water Quality Authority (CCBWQA), and Southeast Metro Stormwater Authority (SEMSWA).

The District, City of Aurora, CCBWQA, and SEMSWA are gathering funds for design, land acquisition, and construction of this \$13-15 million drainage project. The project includes improvements to stabilize and improve capacity of the Cherry Creek channel from the Confluence of Piney Creek to the north end of Eco Park.

The District will be administering the design once a consulting engineering firm is selected. The drainage elements of the project include installation of drop structures and bank protection. Easement and right-of-way acquisition is included in the project costs.

The District has identified \$2,900,000 in project costs with the District's participation being \$1,180,000. The previous authorizations (Resolution No. 6, Series of 2013; Resolution No. 55, Series of 2012; and Resolution No. 40, Series of 2012) totaled \$1,030,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 5 authorizes an additional \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora, CCBWQA, and SEMSWA 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. 5 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 1, 3, 4, and 5 Series of 2014, and Cash Disbursements dated December 2013 and January 2014 be placed on the Consent Agenda. Commissioner Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**10. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**11. Other Business**

None.

**12. Announcements**

The next board meeting will take place on Thursday, March 20.

**13. Adjournment**

Council Member Lopez adjourned the meeting at 1:50 pm.

# Executive Director's Report


February 3, 2014

## Administrative

Did you look around our hallways? We have decorated them with a few more pictures that highlight many of our projects. Several of the hallways, as well as the lunch room, now have some really nice photos which showcase how our programs are approving and completing projects that both protect the public from flooding and provide an amenity to be used and cherished by the public.

## Program

**Design and Construction:** Remember all the resolutions the Board passed in December? Based on those approvals, the Design, Construction, and Maintenance Program is getting intergovernmental agreements, design contracts, and construction contracts signed to get 2014 off to a great start - *this promises to be an active year.*

**Floodplain Management:** You all know Bill DeGroot is leaving.  After forty years of service, he is hanging up his hat. We all wish him well and some of us are a bit jealous. As reported last meeting, David Mallory is the new program manager and to replace his old position, we are currently conducting interviews. Before the end of February, we will have selected a new project engineer for the Floodplain Management program.

**Master Planning:** We have several master plans that are currently being updated because they were originally prepared several years ago, some plans are almost forty years old. We also have new basins and outfalls that need to be studied. As these plans are started and finished, they will be brought to the Board throughout the year.

**Finance:** In January, we invested our excess funds in T-Bills instead of CD's because they were at a slightly higher rate of 0.03%. Nothing to write home about, but at least it's not zero.

## State and Federal Government Advocacy

**State and Local Government:** Following the discussion the Board had at the December meeting, I will be meeting with Douglas County and the Town of Castle Rock to explore the possibility of expanding our boundaries to the south. These are extremely preliminary discussions but I will keep the Board informed.

**Federal:** You may have seen some articles in the news on the bill which would adjust Biggert Waters 12 (BG12) concerning flood insurance rate increases. The bottom line is, when they passed BG12, Congress determined they did a big "oops." Very broadly, the new bill would delay the increases for four years. I'm not sure how they will handle all the policies that have already seen the increase. If you have more questions about BG12, David Mallory has been keeping up to date on this and you can talk to him directly.

## Personal

I hope you're not tired of hearing about my grandson, Link, because I'm certainly not tired of talking about him. My daughter and her family came out to Denver for Christmas and what a treat that was. He was only a little more than a month old but Claudia and I still tried to spoil him. We're going to see him again this weekend. I'm sure he is walking, talking, and reading at a 4<sup>th</sup> grade level by now. Just so all of you are clear, he is the smartest and cutest baby ever born. If you don't believe me, just ask Claudia.





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 6, SERIES OF 2014

(Check Signing Procedure and Maximum Authorization of Executive Director)

WHEREAS, the Urban Drainage and Flood Control District enabling statutes empower the District to establish a reasonable system of business administration; and

WHEREAS, the current procedure is for all checks, in amount of \$20,000 or greater, to be signed by two individuals (Resolution No. 103, Series of 2004); and

WHEREAS, it has been determined that the District's legal counsel should also be an authorized signer for authorized expenditures; and

WHEREAS, a list of cash disbursements including reason for payment is prepared each month for review by the Board; and

WHEREAS, the Executive Director is currently authorized to approve obligations within adopted budget categories and limitations of up to \$15,000.00 (Resolution No. 103, Series of 2004); and

WHEREAS, the Board wishes to update the check signing procedure and the maximum amount the Executive Director is authorized to commit on behalf of the District.

NOW, THEREFORE, BE IT RESOLVED THAT:

Resolution No. 103, Series of 2004 is replaced by the following:

1. A list of cash disbursements including reason for payment shall be prepared each month and presented to the Board for their review.
2. Each cash disbursement shall be based on a proper authorization of the Board or Executive Director, and shall be within approved budget amounts and categories.
3. Payment of properly authorized expenditures made by check for amounts less than \$20,000 shall be signed by any one of the following seven persons: Chairperson, Chairperson Pro-Tem, Secretary, Treasurer, Executive Committee Member at Large, District Legal Counsel, or Executive Director.
4. Payment of properly authorized expenditures made by check for amounts of \$20,000 or greater shall require two signatures of any of the following seven persons: Chairperson, Chairperson Pro-Tem, Secretary, Treasurer, Executive Committee Member at Large, District Legal Counsel, or Executive Director.
5. The Board authorizes the Executive Director to approve obligations up to \$20,000 provided such obligations are within approved budget categories and limitations.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 7, SERIES OF 2014 (Flood Awareness)

WHEREAS, the approaching months of April through September are the months when most floods occur in the Denver area; and

WHEREAS, many citizens within the District live and/or work in areas subject to flooding.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District recommends that citizens of the District investigate the possibility of flood hazards existing at their place of residence or work.
2. The Board further recommends the following actions to those citizens who find they do live or work in a flood hazard area:
  - a) Know the extent and nature of the flood hazard.
  - b) Plan escape routes to high ground.
  - c) Buy flood insurance for their own structures and contents.
  - d) During times of heavy rainfall, watch the level of water in the drainageway and stay tuned to radio or television for possible flood warnings.
  - e) Evacuate the flood hazard area in times of impending flood.
3. The Board of Directors of the Urban Drainage and Flood Control District recommends that all local governments meet with their local emergency managers and alert them to the possible flood hazards in their area of responsibility and work out possible actions to be taken in the event of a flood. Communities are also encouraged to conduct flood response and recovery exercises.
4. The Board also reminds local governments of several significant aspects of the National Flood Insurance Program (NFIP): a) the amount of federal disaster assistance which is available for damaged public structures that are under-insured has been reduced, and local governments are encouraged to review their flood insurance coverages; b) federal disaster assistance will be reduced from a cost-share of 75-25 for facilities that are damaged more than once in a ten-year period by the same type of event and the facility owner has failed to implement appropriate mitigation measures; c) communities which have suffered repetitive losses are encouraged to develop a strategy that addresses those repetitive loss structures; and d) the NFIP regulations require that a structure which undergoes an improvement valued at 50% or greater of its value must be in conformance to NFIP floodplain regulations regardless of the cause of the improvements.
5. Local governments should be aware of funding which is available through FEMA for pre- and post-disaster mitigation planning and projects.
6. The District will send an Official Notice to the "occupant" of all addresses located in or adjacent to identified 100-year floodplains within the boundaries of the District.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

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Secretary

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Chairperson





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 8, SERIES OF 2014

(Authorization of Expenditures for Electronic Data Management)

WHEREAS, the District previously developed an information technology infrastructure and web map application to support the management and public availability of District electronic data and information (Resolution No. 44, Series of 2009); and

WHEREAS, the District purchased a records management software package to administer and retain electronic documents in compliance with the District's records retention policy (Resolution No. 45, Series of 2012); and

WHEREAS, the District desires to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information; and

WHEREAS, the District previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes the provision to continue development of District GIS capability; and

WHEREAS, the District has adopted a budget for calendar year 2014, subsequent to public hearing, (Resolution No. 43, Series of 2013) which includes funds for electronic data management.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, consultant(s), and others as necessary for maintenance and development of additional electronic data management functionality.
2. The cost of these services shall not exceed \$100,000 for calendar year 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Dated: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 9, SERIES OF 2014

(Authorization to Participate in Implementing an Enhanced Early  
Flood Warning System for Lena Gulch)

WHEREAS, the District, in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Lakewood and Wheat Ridge have enacted floodplain regulations; and

WHEREAS, Lakewood, Wheat Ridge, Jefferson County, The Consolidated Mutual Water Company and the District installed a flood detection network for Lena Gulch (Resolution No. 4, Series of 1982); and

WHEREAS, District owns a forty-foot (40') long ten-foot (10') high crest gate on the Maple Grove Reservoir spillway that provides flood control for residential and commercial properties downstream, which replaced a District-owned fabric dam that was installed in 1976 (Resolution No. 58, Series of 2003 as amended by Resolution No. 70, Series of 2004); and

WHEREAS, The Consolidated Mutual Water Company owns a thirty-foot (30') long six-foot (6') high crest gate on the Maple Grove Reservoir spillway that provides water supply storage for their respective service area; and

WHEREAS, the current operation plan for the spillway crest gates requires that both gates will be fully lowered when the lake level reaches an elevation that is eleven feet (11') above the concrete spillway; and

WHEREAS, Wheat Ridge and the District cooperated in the preparation of "Major Drainageway Planning – Phase B: Conceptual Preliminary Design Report, Lena Gulch (Lower)," dated November 2007 that recommends enhancing the existing Lena Gulch flood warning system and modifying the operation plan pertaining to the dam crest gates on the spillway of Maple Grove Reservoir, which is located in Lakewood and owned by The Consolidated Mutual Water Company; and

WHEREAS, the rainfall event of September 9-13, 2013 and the subsequent Maple Grove Reservoir spillway flows prompted Lakewood, Wheat Ridge, and The Consolidated Mutual Water Company to request immediate District assistance in implementing the flood warning system enhancements recommended in the master plan; and

WHEREAS, the District's participation being authorized by this resolution is \$25,000; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes adequate contingency funds for implementing an enhanced early flood warning system for Lena Gulch.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the cities of Lakewood and Wheat Ridge; and The Consolidated Mutual Water Company for implementing an enhanced early flood warning system for Lena Gulch and developing a modified operation plan for the dam spillway crest gates on Maple Grove Reservoir.
2. The District's maximum contribution to the enhanced early flood warning project, without prior approval of the Board, shall be \$25,000 that shall be at least matched by Lakewood, Wheat Ridge, and The Consolidated Mutual Water Company.
3. Such approval for expenditure of District funds is contingent upon Lakewood and Wheat Ridge agreeing to regulate and control any defined floodplains in accordance with National Flood

Insurance Program minimum requirements; and agreeing not to make any changes to the Maple Grove Reservoir spillway crest gates operation plan without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 10, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard, City of Aurora, Adams County)

WHEREAS, the District in a policy statement previously adopted, (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Aurora has enacted floodplain regulations; and

WHEREAS, the City of Aurora and the District cooperated in the preparation of "Westerly Creek Drainageway Update (Downstream of Westerly Creek Dam) Major Drainageway Plan Conceptual Design Report," dated July 2010; and

WHEREAS, the City of Aurora has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard (Exhibit A); and

WHEREAS, the Board previously authorized (Resolution No. 21, Series of 2013) \$160,000 for design, acquisition of right-of-way, and construction of improvements along Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard (Exhibit A); and

WHEREAS, the City of Aurora and the District now desire to construct improvements along Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard; and

WHEREAS, the City of Aurora has estimated the additional project costs to be \$680,000 resulting in a revised total project cost of \$1,000,000 (\$500,000 District; \$500,000 City of Aurora); and

WHEREAS, the District's participation being authorized by this resolution is \$340,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 21, Series of 2013, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard project without prior approval of the Board shall be ~~\$160,000~~ **\$500,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora."
2. All other conditions and authorizations remain as stated in Resolution No. 21, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 10, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Westerly Creek from 17th Avenue to Montview Boulevard, City of Aurora, Adams County)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 11, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
for North Outfall at Midland Street, City of Brighton)

WHEREAS, the District, in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No.11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Brighton has enacted floodplain regulations; and

WHEREAS, the City of Brighton and the District cooperated in the preparation of "Agreement Regarding Design and Construction of Drainage and Flood Control Improvements for the North Outfall, City of Brighton," dated April 2006; and

WHEREAS, the Board previously authorized (Resolution No. 4, Series of 2006; Resolution No. 25, Series of 2008; Resolution No. 44, Series of 2010; and Resolution No. 25, Series of 2011) \$725,000 for design, acquisition of right-of-way, and construction of improvements along the North Outfall at Midland Street (Exhibit A); and

WHEREAS, the City of Brighton and the District now desire to construct improvements along the North Outfall at Midland Street; and

WHEREAS, the City of Brighton has estimated the additional project costs to be \$150,000, resulting in a revised total project cost of \$2,606,000 (\$875,000 District; \$1,731,000 City of Brighton); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 43, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along the North Outfall at Midland Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 54, Series of 2013) in which the improvements along the North Outfall at Midland Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 4, Series of 2006, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the North Outfall at Midland Street project without prior approval of the Board shall be ~~\$725,000~~ **\$875,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Brighton."
2. All other conditions and authorizations remain as stated in Resolution No. 4, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

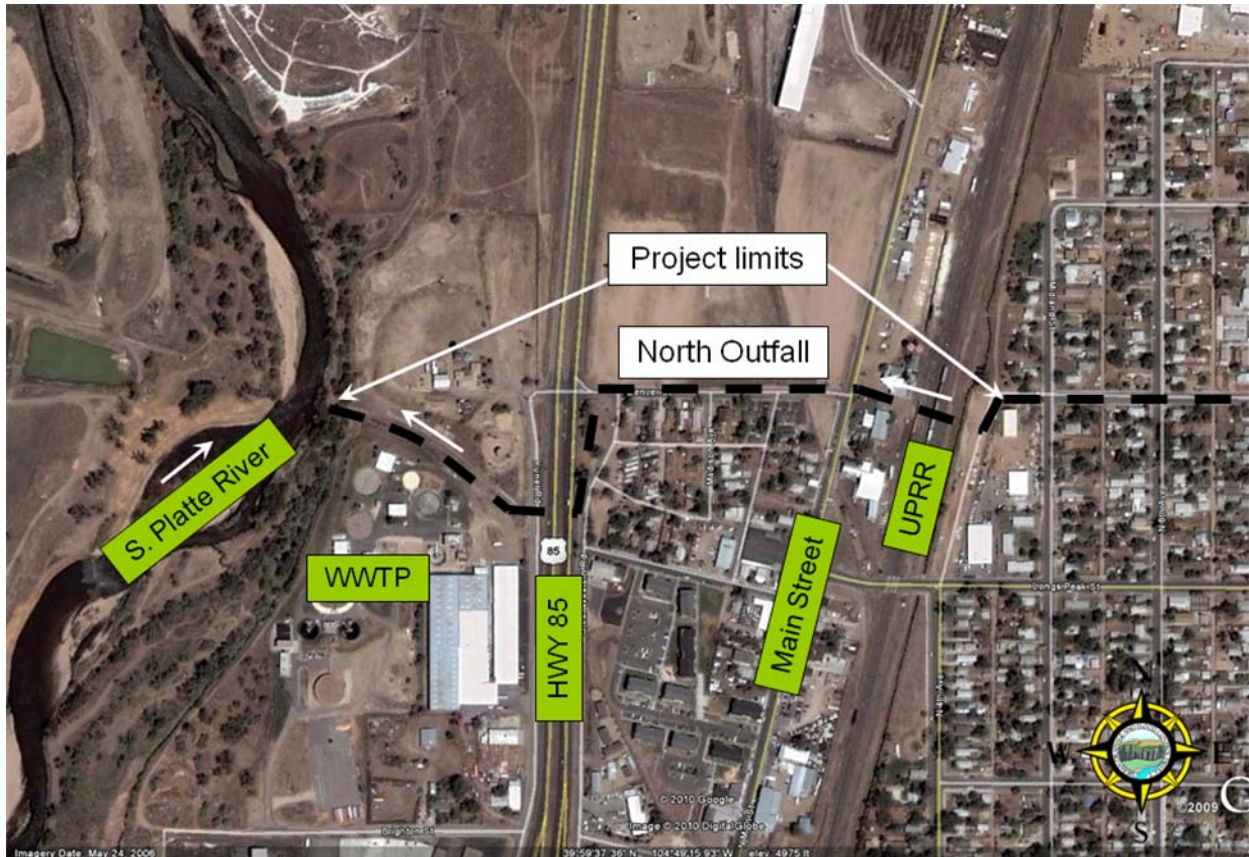
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 11, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
for North Outfall at Midland Street in the City of Brighton)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 12, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Coal Creek Upstream of McCaslin Boulevard, Town of Superior)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No.11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the Town of Superior has enacted floodplain regulations; and

WHEREAS, the Town of Superior and the District cooperated in the preparation of "Coal Creek (Through Town of Superior) Major Drainageway Planning Study," dated November 2006; and

WHEREAS, the Board previously authorized (Resolution No. 19, Series of 2009) \$100,000 for design, acquisition of right-of-way, and construction of improvements along Coal Creek Upstream of McCaslin Boulevard (Exhibit A); and

WHEREAS, the Town of Superior and the District now desire to construct improvements along Coal Creek Upstream of McCaslin Boulevard; and

WHEREAS, the Town of Superior has estimated the additional project costs to be \$325,000 resulting in a revised total project cost of \$525,000 (\$262,500 District; \$262,500 Town of Superior); and

WHEREAS, the District's additional participation being authorized by this resolution is \$162,500; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Coal Creek Upstream of McCaslin Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Coal Creek Upstream of McCaslin Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 19, Series of 2009, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Coal Creek Upstream of McCaslin Boulevard project without prior approval of the Board shall be ~~\$100,000~~ **\$262,500** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Superior."
2. All other conditions and authorizations remain as stated in Resolution No. 19, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 12, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Coal Creek Upstream of McCaslin Boulevard, Town of Superior)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 13, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Reach BP20, Town of Erie, Boulder County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No.11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the Town of Erie has enacted floodplain regulations; and

WHEREAS, the Town of Erie and the District cooperated in the preparation of the joint planning study titled "Outfall System Planning Preliminary Design, Erie and Adjacent Boulder and Weld County Areas" by Love and Associates, Inc., dated May 2001; and

WHEREAS, the Board previously authorized, (Resolution No. 30, Series of 2004; Resolution No. 20, Series of 2012; and Resolution No. 13, Series of 2013) \$413,500 for design, acquisition of right-of-way, and construction of improvements along Reach BP20 (Exhibit A); and

WHEREAS, the Town of Erie and the District now desire to construct improvements along Reach BP20; and

WHEREAS, the Town of Erie has estimated the additional project costs to be \$1,225,000 resulting in a revised total project cost of \$2,061,000 (\$1,026,000 District; \$1,035,000 Town of Erie); and

WHEREAS, the District's additional participation being authorized by this resolution is \$612,500; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Reach BP20; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Reach BP20 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 30, Series of 2004, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Reach BP20 project without prior approval of the Board shall be ~~\$413,500~~ **\$1,026,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Erie."
2. All other conditions and authorizations remain as stated in Resolution No. 30, Series of 2004.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 13, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Reach BP20, Town of Erie, Boulder County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 14, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Drainageway A-2, City of Louisville, Boulder County)

WHEREAS, the District, in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Louisville has enacted floodplain regulations; and

WHEREAS, the City of Louisville and the District cooperated in the preparation of "Lafayette-Louisville Boundary Outfall System Plan Conceptual Design Report" dated January 2011; and

WHEREAS, the Board previously authorized, (Resolution No. 29, Series of 2011; Resolution No. 41, Series of 2012; and Resolution No. 18, Series of 2013) \$725,000 for acquisition of right-of-way, design, and construction along Drainageway A-2 (Exhibit A); and

WHEREAS, the City of Louisville and the District now desire to continue with the design, acquisition of right-of-way, and construction of improvements along Drainageway A-2; and

WHEREAS, the City of Louisville has estimated the additional project costs to be \$250,000 resulting in a revised total project cost of \$1,700,000 (\$850,000 District; \$850,000 City of Louisville); and

WHEREAS, the District's additional participation being authorized by this resolution is \$125,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 43 Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Drainageway A-2; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Drainageway A-2 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2011, Paragraph 3, be further amended as follows:  
"The District's maximum contribution to the Drainageway A-2 project without prior approval of the Board shall be ~~\$725,000~~ **\$850,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Louisville."
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 14, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Drainageway A-2, City of Louisville, Boulder County)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Willow Creek Outfall at Rampart Range Road, Douglas County)

WHEREAS, the District, in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Willow Creek, Little Willow Creek, and East Willow Creek Outfall Systems Plan Preliminary Design Report," dated December 1998; and

WHEREAS, Douglas County has requested District participation in the final design, acquisition of right-of-way, and construction of drainage and flood control improvements for Willow Creek Outfall at Rampart Range Road in Douglas County (Exhibit A); and

WHEREAS, Douglas County has estimated the total project costs to be \$750,000; and

WHEREAS, the District's participation being authorized by this resolution is \$375,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements Willow Creek Outfall at Rampart Range Road; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Willow Creek Outfall at Rampart Range Road in Douglas County were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Willow Creek Outfall at Rampart Range Road in Douglas County.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Willow Creek Outfall at Rampart Range Road in Douglas County.
3. The District's maximum contribution to the Willow Creek Outfall at Rampart Range Road in Douglas County project, without prior approval of the Board, shall be \$375,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Willow Creek Outfall at Rampart Range Road in Douglas County project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Willow Creek Outfall at Rampart Range Road, Douglas County)

### EXHIBIT A





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, April 17, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Introductions**
  - a. Swearing in of New Board Members  
Mayor Pro Tem George Karakehian, City of Boulder
  - b. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Approval of March 20, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch at South Golden Road, Jefferson County  
(Resolution No. 17, Series of 2014)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention upstream of I-70, City of Aurora, Arapahoe County  
(Resolution No. 18, Series of 2014)
  - d. Acceptance of Happy Canyon Creek Planning Study  
(Resolution No. 19, Series of 2014)
  - e. Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue, City and County of Denver  
(Resolution No. 20, Series of 2014)
6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Reports/Discussion**
  - a. Executive Director's Report
8. **Other Business**
  - a. June Board Meeting/CML Annual Conference
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, May 15, 2014**
10. **Adjournment**





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

March 20, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor Pro Tem, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Council Member, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Jill Repella, Commissioner, Douglas County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Manager, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Teresa Patterson	Project Engineer, Floodplain Management
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Mark Elmshauser	CliftonLarsonAllen, LLP
Jim Kaiser	City of Thornton

#### **How the Districts Works – Funds**

Mr. Hindman introduced David Skuodas, Senior Project Engineer in the Design, Construction, and Maintenance Program to conduct this month's How the District Works presentation on Floodplain Preservation and Mitigation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Council Member Lopez called the meeting to order at 1:00 p.m.
2. **Introductions**
  - a. **Swearing in of New Board Members**  
The following individual was sworn in as new board member by Mr. Ed Krisor:
    - Mayor Pro Tem Ken Lucas, City of Centennial
  - b. **Visitors/Guests/Staff**  
Mr. Hindman introduced a new member to the District staff:
    - Teresa Patterson, Project Engineer, Floodplain Management Program
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Final 2013 Audit Discussion**
  - a. **Mark Elmshauser, CPA, CliftonLarsonAllen, LLP and Acceptance of 2013 Audit Report (Resolution No. 16, Series of 2014)**  
The final UDFCD 2013 Audit Report was provided to the Board at the February Board Meeting and Mr. Mark Elmshauser with CliftonLarsonAllen, LLP was present to answer any questions about the audit report. There being no further comments or questions, it was motioned by Councilmember Susman and seconded by Commissioner Sharpe, to approve Resolution No. 16. Upon a roll call vote, the motion passed unanimously.
5. **Board Approval of February 3, 2014 Meeting Minutes**  
Council Member Lopez asked if there were any corrections to the February 3, 2014 minutes. Hearing none, the minutes were approved as submitted.
6. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated February and March 2014 had been 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. **Check Signing Procedure and Maximum Authorization of Executive Director (Resolution No. 6, Series of 2014)**  
The District's current check signing and authorization procedure states that all checks may be signed by a member of the Executive Committee and/or Executive Director. Resolution No. 6 adds our legal counsel, Ed Krisor, to the list of authorized check signers. Resolution No. 6 also authorizes the Executive Director to approve obligations up to \$20,000 provided such obligations are within approved budget categories and limitations.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 6 on the Consent Agenda.
  - c. **Flood Awareness (Resolution No. 7, Series of 2014)**  
The *Flood Hazard Information, Official Notice* flyer was provided to the Board for reference. The purpose of this annual resolution is to raise awareness among citizens, local governments, and local media that we are entering the annual flood season (April 15 – September 15). It recommends self-help actions that all citizens can take to deal with flood hazards; that people investigate the possibility of flooding where they live or work; recommends actions people can take if they live or work in a floodplain; and recommends that local governments meet with their local emergency preparedness units to discuss what actions to take in the event of a flood. Resolution No. 7 directs District staff to send out an official notice to over 30,000 addresses located in or near the 100-year floodplains.



There being no further comments or questions, it was the consensus of the Board to place Resolution No. 7 on the Consent Agenda.

**d. Authorization of Expenditures for Electronic Data Management (Resolution No. 8, Series of 2014)**

This is an on-going project that is updated regularly. More of the District's information continues to be available electronically and this resolution will allow further enhancement to the District's web site to increase the speed in retrieving information and allow other information to be added as it seems appropriate to the needs of the public. Resolution No. 8 authorizes \$100,000 for calendar year 2014 to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 8 on the Consent Agenda.

**e. Authorization to Participate in Implementing an Enhanced Early Flood Warning System for Lena Gulch (Resolution No. 9, Series of 2014)**

The rainfall event of September 2013 and the subsequent Maple Grove Reservoir spillway flows prompted the cities of Lakewood, Wheat Ridge, and the Consolidated Mutual Water Company to request immediate District assistance in implementing the flood warning system enhancements recommended in the *Major Drainageway Planning – Phase B: Conceptual Preliminary Design Report, Lena Gulch (Lower)*, dated November 2007. Resolution No. 9 authorizes \$25,000 for District participation to be at least matched by Lakewood, Wheat Ridge, and The Consolidated Mutual Water Company.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 9 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from 17th Avenue to Montview Boulevard (Resolution No. 10, Series of 2014)**

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 Westerly Creek from 17th Avenue to Montview Boulevard in accordance with the "*Westerly Creek Drainageway Update (Downstream of Westerly Creek Dam) Major Drainageway Plan Conceptual Design Report*," dated July 2010. The project includes improvements to increase channel capacity and to replace the Montview Bridge to reduce the number of insurable structures in the 100-year floodplain.

Easement and right-of-way acquisition will be included in the project costs. Final design is underway, and The City of Aurora will be administering construction once design is complete.

The District and the City of Aurora have identified \$1,000,000 in total project costs with the District's participation being \$500,000. The previous authorization, Resolution No. 21, Series of 2013 totaled \$160,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 10 authorizes an additional \$340,000 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. 10 on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements for North Outfall at Midland Street (Resolution No. 11, Series of 2014)**

This is a joint project with the City of Brighton. ICON Engineering, Inc. designed the project under contract with the District. The drainage elements of the project include installation of a new storm sewer up to 84 inches in diameter and excavation of a new outfall channel to the South Platte River.

Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District as well as the City of Brighton desire to construct the improvements which will be managed by the District. Phase I of construction is complete and the City of Brighton desires to continue funding the project so Phase II can begin construction as well.

The District and the City of Brighton have identified \$2,606,000 in total project costs with the District's participation being \$875,000. The previous authorizations (Resolution No. 4, Series of 2006; Resolution No. 25 Series of 2008; Resolution 44 Series of 2010; and Resolution 25 Series of 2011) totaled \$725,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 11 authorizes an additional \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Brighton 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. 11 on the Consent Agenda.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek Upstream of McCaslin Boulevard (Resolution No. 12, Series of 2014)**

This is a joint project with the Town of Superior. CH2M Hill is working on the design of the project under contract with the District. The drainage elements of the project include installation of a new bridge at 2nd Avenue and channel improvements from McCaslin Boulevard to the upstream trail crossing.

Easement and right-of-way acquisition is included in the project costs. The final design is underway and the District as well as the Town of Superior desire to construct the improvements which will be managed by the District.

The District and the Town of Superior have identified \$525,000 in total project costs with the District's participation being \$262,500. The previous authorization, Resolution No. 19, Series of 2009, totaled \$100,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 12 authorizes an additional \$162,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Superior 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. 12 on the Consent Agenda.

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Reach BP20 (Resolution No. 13, Series of 2014)**

This is a joint project with the Town of Erie. Olsson Associates designed the project under contract with the District. The drainage elements of the project include installation of channel improvements, drop structures, and several road and property access crossings.

Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District as well as the Town of Erie desire to construct the improvements which will be managed by the District.

The District and the Town of Erie have identified \$2,061,000 in total project costs with the District's participation being \$1,026,000. The previous authorizations (Resolution No. 30, Series of 2004; Resolution No. 20, Series of 2012; and Resolution No. 13, Series of 2013) totaled \$413,500 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 13 authorizes an additional \$612,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Erie 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. 13 on the Consent Agenda.

**j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2 (Resolution No. 14, Series of 2014)**

This is a joint project with the City of Louisville. The City of Louisville desires to design, acquire right-of-way, and construct improvements along Drainageway A-2 in accordance with the "*Lafayette-Louisville Boundary Outfall System Plan Conceptual Design Report*," dated January 2011. The project includes improvements to add a 100-year capacity storm sewer system to alleviate flooding west of the railroad tracks.

Easement and right-of-way acquisition will be included in the project costs. Design is underway, and the District will be administering construction once design is complete.

The District and the City of Louisville have identified \$1,700,000 in total project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$850,000. The previous authorizations (Resolution No. 29, Series of 2011; Resolution No. 41, Series of 2012; and Resolution No. 18, Series of 2013) totaled \$725,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 14 authorizes an additional \$125,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Louisville 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. 14 on the Consent Agenda.

**k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek Outfall at Rampart Range Road (Resolution No. 15, Series of 2014)**

This is a joint project with Douglas County. Douglas County desires to final design, acquire right-of-way, and construct improvements along Willow Creek Outfall at Rampart Range Road in Douglas County in accordance with the "*Willow Creek, Little Willow Creek, and East Willow Creek Outfall Systems Plan Preliminary Design Report*," dated December 1998. The project includes improvements to Willow Creek Outfall at Rampart Range Road.

Easement and right-of-way acquisition will be included in the project costs. Douglas County is administering the design with Olsson Associates. The District and Douglas County desire to construct the improvements which will be managed by the District.

The District and Douglas County have identified \$750,000 in initial project costs for the final design, right-of-way acquisition, and partial funding of construction with the

District's participation being \$375,000 in 2014 funds. Construction is anticipated in 2015.

Resolution No. 15 authorizes \$375,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County for the final 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. 15 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 6, 7, 8, 9, 10, 11, 12, 13, 14, and 15 Series of 2014, and Cash Disbursements dated February 2014 and March 2014 be placed on the Consent Agenda. Commissioner Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**9. Other Business**

**a. UDFCD Parking**

Mr. Hindman informed the Board that the designated parking for our offices has changed. Beginning in April, Board members are to park in the central lot in an area designated for UDFCD Board members. Mr. Hindman stated that there will be a sign that identifies the area to avoid any confusion. A map of the new parking area was distributed to the Board. These changes will go into effect for the next board meeting (April 17).

**b. Changes in Vegetation Management**

The District is reviewing its routine maintenance program to evaluate its effectiveness with regards to addressing the needs of the local governments while maintaining a healthy ecosystem. In the last few years, the District has been implementing new mowing policies such as changes in the frequency or timing of mowing. This year, we are working with the City and County of Denver to conduct a study on the effects these new policies are having on the areas. Riparian Stream Restoration signs will be placed in the locations where these studies are being conducted. These signs will include the District's contact information should anyone have any questions. The District is also preparing a brochure to educate the public on the benefits of vegetation management. A copy of the brochure will be distributed to the Board at the April Board Meeting and we are working with Denver staff to disseminate this information.

**10. Announcements**

The next board meeting will take place on Thursday, April 17.

**11. Adjournment**

Council Member Lopez adjourned the meeting at 2:10 pm.

# Executive Director's Report

March 20, 2014

## Administrative

With the change in our accounting department (see below), our Administrative Staff is going to take over some of the Human Resources activities such as health insurance and other employee relation tasks.

## Program

**Design and Construction:** Recently, the DCM program held their own mini retreat at the District office to reaffirm their goals and direction. Dave Bennetts (Manager) and Laura Kroeger (Assistant Manager) initiated one of these back in 2011 and because of its success, they decided it was time to hold another one. These mini-retreats have made their team stronger and more unified while carrying out the District's mission.

**Floodplain Management:** Dave Mallory selected a new Project Engineer to replace him since he is now the Program Manager for the FPM Program. Teresa Patterson joined the District on Monday, March 17. She was previously working for RESPEC, an engineering consulting firm that we've worked closely with on several projects. In fact, Teresa has completed many projects for the District while at RESPEC. We are fortunate to have her with us.

**Master Planning:** Holly Piza, Senior Project Engineer, is currently working on updating Volumes 1 and 2 of our Criteria Manual. As most of you know, the Criteria Manual is used by our local governments to assist them in managing their streams. Many governments in the U.S. as well as abroad also reference it for their uses. The update is a huge endeavor but it is in capable hands with Holly.

**Finance:** As I informed you at the end of February, our Manager of Finance and Accounting was dismissed and we are currently interviewing candidates for his replacement. I have also changed the title to Controller which more accurately reflects the duties of that position. During this interim time, I would like to publically thank Wanda Salazar who is our Accountant. I've placed a lot of responsibility on her in a very short amount of time but she has performed above and beyond the call of duty. Both employees and vendors are getting paid while maintaining the integrity of our system.

## State and Federal Government Advocacy

**State and Local Government:** Dave Bennetts and I met with Deb Gardner and the Longmont City Manager and Public Works Director to discuss what it would take to increase our boundaries to include them. They were interested and will discuss it with their staff and council. The ball is in their court and I will keep the Board informed should we get a response.

**Federal:** EPA came out with their final ruling on how construction sites are to handle runoff from their sites. It is called an effluent limitation guideline or ELG. When they first introduced the guideline a few years ago, they attached a number on how clear the water had to be as it left the site. Since one size does not fit all, they got hammered by the industry. The final ELG now says that the best practicable technology (BPT) currently available is to be used. This requirement will allow local governments flexibility in managing construction.

## Personal

At a recent team building exercise we were asked to tell three truths and one lie. Here are mine, you guess which one is a lie:

- I once won an election with only saying "I promise to attend every meeting."
- I sang in a musical.
- I won a cross country meet in high school.
- I got sent to the principal's office for kissing a girl

I have some more truths but some secrets are meant to be kept forever!



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 17, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lena Gulch at South Golden Road, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Major Drainageway Planning, Upper Lena Gulch – Phase B Report," dated March 1994; and

WHEREAS, the Board previously authorized (Resolution No. 20, Series of 2013) \$675,000 for construction of improvements along Lena Gulch at South Golden Road (Exhibit A); and

WHEREAS, Jefferson County and the District now desire to complete construction improvements along Lena Gulch at South Golden Road; and

WHEREAS, Jefferson County and the District have estimated the additional project costs to be \$60,000 resulting in a revised total project cost of \$1,805,000 (\$715,000 District; \$1,090,000 Jefferson County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$40,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Lena Gulch at South Golden Road; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Lena Gulch at South Golden Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 20, Series of 2013, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Lena Gulch at South Golden Road project without prior approval of the Board shall be ~~\$675,000~~ **\$715,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County."
2. All other conditions and authorizations remain as stated in Resolution No. 20, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 17, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lena Gulch at South Golden Road, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 18, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention upstream of I-70, City of Aurora, Arapahoe County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Aurora has enacted floodplain regulations; and

WHEREAS, the City of Aurora, the City and County of Denver, and the District cooperated in the preparation of "First Creek Major Drainageway Planning Study," dated September 2010; and

WHEREAS, the Board previously authorized, (Resolution No. 34, Series 2013, Resolution No. 32, Series of 2012, Resolution No. 18, Series of 2011, Resolution No. 50, Series of 2010, and Resolution No. 58, Series of 2009) \$1,470,000 for design, acquisition of right-of-way, and construction of improvements along First Creek Detention upstream of I-70 (Exhibit A); and

WHEREAS, the City of Aurora and the District now desire to construct improvements along First Creek Detention upstream of I-70; and

WHEREAS, the City of Aurora and the District have estimated the additional project costs to be \$758,000 resulting in a revised total project cost of \$3,698,000 (\$1,849,000 District, \$1,849,000 Aurora); and

WHEREAS, the District's additional participation being authorized by this resolution is \$379,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along First Creek Detention upstream of I-70; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along First Creek Detention upstream of I-70 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 58, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the First Creek Detention upstream of I-70 project without prior approval of the Board shall be ~~\$1,470,000~~ **\$1,849,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora."
2. All other conditions and authorizations remain as stated in Resolution No. 58, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

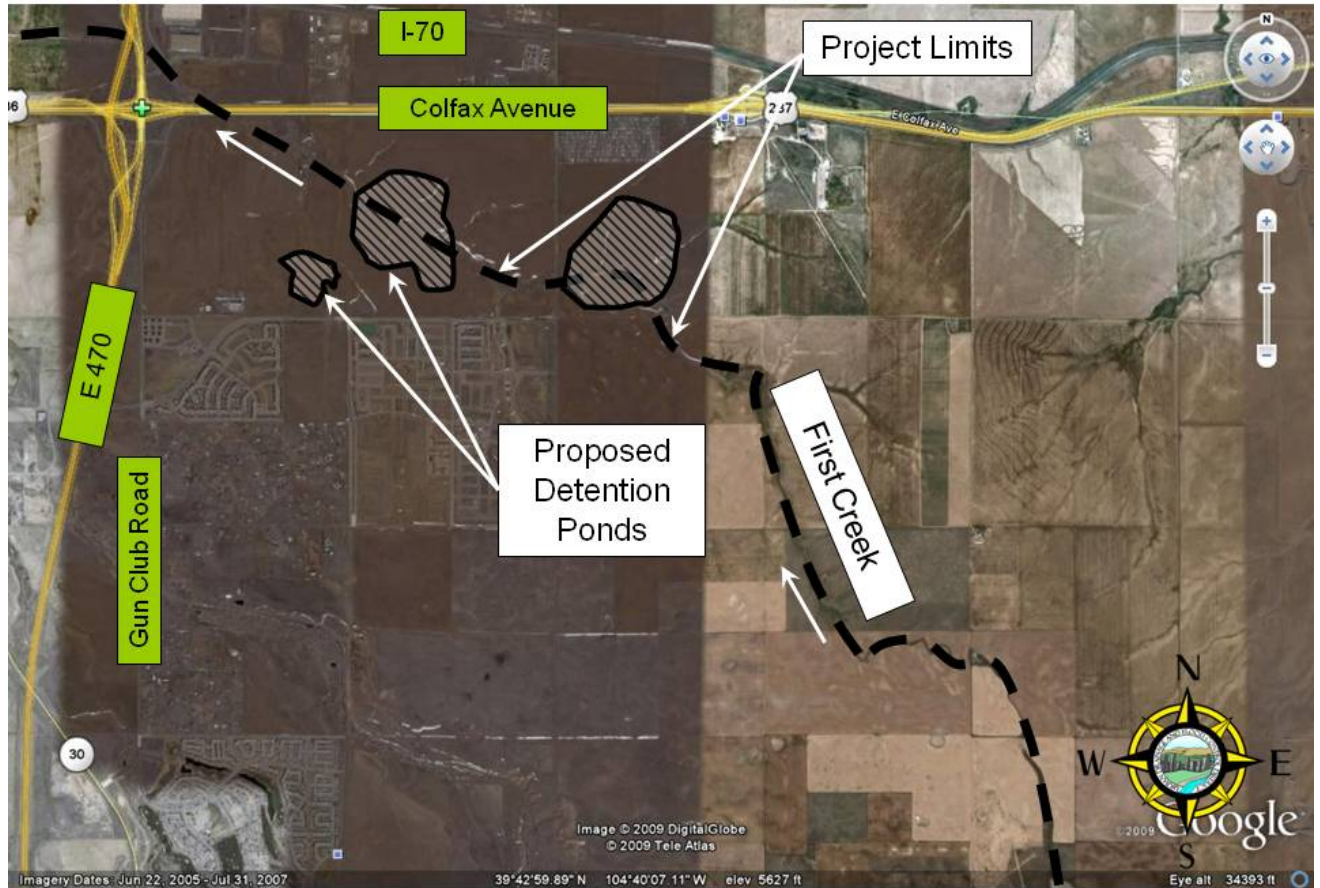
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Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 18, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention upstream of I-70, City of Aurora, Arapahoe County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2014  
(Acceptance of Happy Canyon Creek Planning Study)

WHEREAS, the Board cooperated with the Southeast Metro Stormwater Authority (SEMSWA), Douglas County, the City of Lone Tree, and the Town of Parker in the preparation of a major drainageway planning study for Happy Canyon Creek (Resolution No. 36, Series of 2011); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Muller Engineering Company, Inc. to conduct studies and prepare a major drainageway planning report for Happy Canyon Creek; and

WHEREAS, the District reviewed the alternatives presented by Muller Engineering Company, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the SEMSWA, Douglas County, the City of Lone Tree, and the Town of Parker; and

WHEREAS, Muller Engineering Company, Inc. has completed the study and submitted to the District the "Happy Canyon Creek Major Drainageway Plan," dated March 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Happy Canyon Creek Major Drainageway Plan" dated March 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2014  
(Acceptance of Happy Canyon Creek Planning Study)

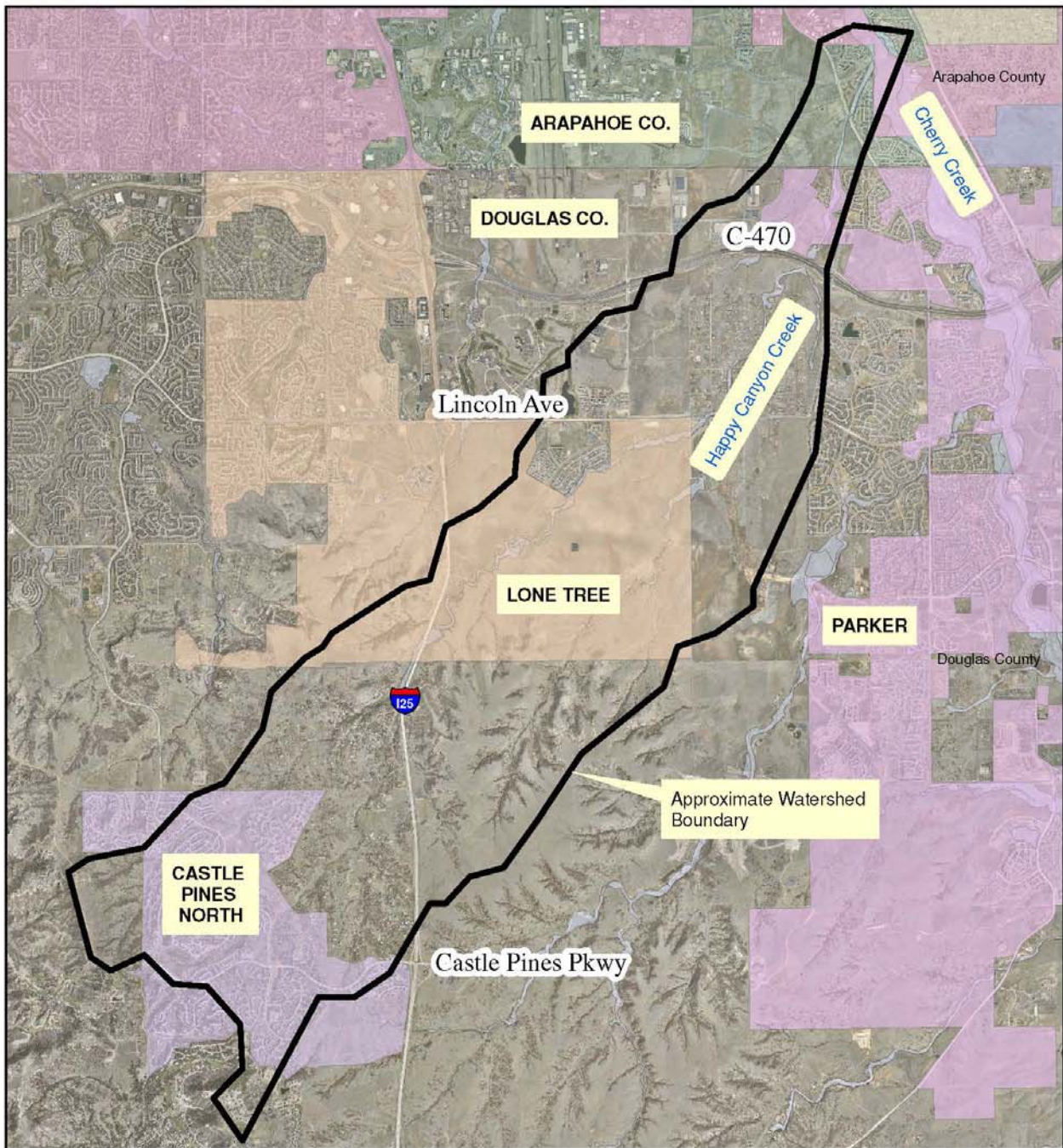
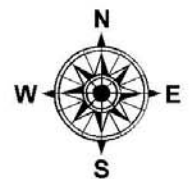


EXHIBIT A  
HAPPY CANYON CREEK  
Major Drainageway Plan and FHAD  
Approximate Study Limits  
May 2011



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 20, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Westerly Creek Drainageway Update, Downstream of Westerly Creek Dam Major Drainageway Plan," dated December 2007; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Westerly Creek from Kelly Road Dam to 14th Avenue (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total project costs to be \$1,000,000; and

WHEREAS, the District's participation being authorized by this resolution is \$250,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Westerly Creek from Kelly Road Dam to 14th Avenue were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek from Kelly Road Dam to 14th Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek from Kelly Road Dam to 14th Avenue.
3. The District's maximum contribution to the Westerly Creek from Kelly Road Dam to 14th Avenue project, without prior approval of the Board, shall be \$250,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver.
4. Such approval for expenditure of District funds is contingent upon the City and County of Denver agreeing to regulate and control any defined floodplain in the Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 20, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver)

### EXHIBIT A





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, May 15, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff – Terri Schafer, CPA
  - b. Awards/Recognitions
4. **Approval of April 17, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Revision of Personnel Rules and Procedures  
(Resolution No. 21, Series of 2014)
  - c. Authorization to Participate in Drainage and Flood Control Improvements on Jackass Gulch at Long Avenue, City of Littleton, Arapahoe County  
(Resolution No. 22, Series of 2014)
  - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County  
(Resolution No. 23, Series of 2014)
6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Reports/Discussion**
  - a. Executive Director’s Report
  - b. Bi-monthly Vendor Payments
8. **Other Business**
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, August 21, 2014**  
June Board Meeting Cancelled  
No July Board Meeting
10. **Adjournment**





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

April 17, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor Pro Tem, City of Littleton  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
George Karakehian, Mayor Pro Tem, City of Boulder  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Nancy Sharpe, Commissioner, Arapahoe County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Manager, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Teresa Patterson	Project Engineer, Floodplain Management
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Lisa Morzel                      Council Member, City of Boulder

#### **How the Districts Works – Student Interns**

Mr. Hindman conducted a presentation on the District Student Internship Program for this month's How The District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Council Member Lopez called the meeting to order at 1:00 p.m.
2. **Introductions**
  - a. **Swearing in of New Board Members**  
The following individual was sworn in as new board member by Mr. Ed Krisor:
    - Mayor Pro Tem George Karakehian, City of Boulder
  - b. **Visitors/Guests/Staff**  
There were no visitors or guests to introduce at this month's board meeting.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Board Approval of March 20, 2014 Meeting Minutes**  
Council Member Lopez asked if there were any corrections to the March 20, 2014 minutes. Hearing none, the minutes were approved as submitted.
5. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated March 2014 had been 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. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch at South Golden Road (Resolution No. 17, Series of 2014)**  
This is a joint construction project with Jefferson County. Jefferson County requested District participation in the construction of improvements on Lena Gulch at South Golden Road in accordance with the joint planning study titled "Major Drainageway Planning – Upper Lena Gulch – Phase B Report" by Boyle Engineering Corp., dated March 1994.  
  
In 2012, Jefferson County and the District selected Ayres Associates to provide final design with Jefferson County paying for 100% of the design costs. Last year, the District publicly bid the project and awarded the construction to Taylor-Kohrs Inc. and hired Ayres Associates to provide construction engineering services.  
  
The construction is now nearing completion. The new triple cell 12'x7' concrete box culvert will now pass the 100-year flow and help prevent interruption of this primary access to the Pleasant View portion of Golden in the event of a major flood. Upstream and downstream channel improvements were needed to transition the crossing improvements to the existing channel. Additional storm drainage and roadway improvements were included and funded by Jefferson County.  
  
The District and Jefferson County have recognized additional construction and engineering costs due to additional utility relocates, roadway detour complications, and additional work items desired by the District and Jefferson County.  
  
The District and Jefferson County have now identified additional remaining project costs to be \$80,000 (\$40,000 District; \$40,000 Jefferson County) resulting in a revised total project cost of \$1,805,000 with the District's participation being \$715,000.  
  
The previous authorization (Resolution No. 20, Series 2013) totaled \$675,000 to fund construction and construction engineering. Resolution No. 17 authorizes an additional \$40,000 of District funds from the Special Revenue Fund - Construction Budget for calendar year 2014 to be at least matched by Jefferson County for the construction of the drainageway elements of the project.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 17 on the Consent Agenda.

**c. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention upstream of I-70 (Resolution No. 18, Series of 2014)**

This is a joint project with the City of Aurora. Merrick and Company is designing the project and is under contract with the District. The drainage elements of the project include installation of a detention pond, outlet structure, and spillway. Easement and right-of-way acquisition is included in the project costs.

There are three ponds shown in the master plan upstream of I-70 and all three ponds are located on sites owned by one property owner. The project is building the most eastern pond and identifying the property acquisition needed for all three ponds. Property acquisition for all ponds may be done with the project to avoid multiple negotiations and settlements. Construction of the detention pond is scheduled for 2016.

The City of Aurora and the District have identified \$3,698,000 in total project costs with the District's participation being \$1,849,000. The previous authorizations (Resolution No. 34, Series 2013; Resolution No. 32, Series of 2012; Resolution No. 18, Series of 2011; Resolution No. 50, Series of 2010; and Resolution No. 58, Series of 2009) totaled \$1,470,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be needed in the future.

Resolution No.18 authorizes an additional \$379,000 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. 18 on the Consent Agenda.

**d. Acceptance of Happy Canyon Creek Planning Study (Resolution No. 19, Series of 2014)**

Resolution No. 36 of 2011 authorized a major drainageway planning study update for Happy Canyon Creek, for which the District partnered with the Southeast Metro Stormwater Authority, Douglas County, the City of Lone Tree, and the Town of Parker. The upper portion of the watershed lies within the City of Castle Pines and while they participated as a stakeholder, they were not funding sponsors of the study.

The study area is approximately 17.5 square miles in area and is partially developed. There are six major tributaries to Happy Canyon Creek, which ultimately discharges to Cherry Creek. The area was previously studied in an outfall systems plan in 1993.

Major planned developments in the watershed include Ridgeway in Lone Tree south of Lincoln Avenue and east of I-25 and Dove Valley in Arapahoe County south of Broncos Parkway and west of Jordan Road.

Improvements recommended in the study include:

- Proposed regional detention ponds to reduce peak flows
- Retrofitting existing regional detention ponds for EURV
- Increased capacity roadway crossings to prevent overtopping
- Drop structures to alleviate vertical degradation
- Bank stabilization to prevent lateral migration
- Cattle fencing to ensure livestock only access creek at designated points
- Grading to remove sanitary sewer lift station from the floodplain
- Water quality enhancement

There are currently 12 homes identified in the 100-year floodplain; the improvements will remove 11 of the structures from the floodplain. The total cost of improvements recommended in the study is just over \$54 million. Resolution No. 19 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 19 on the Consent Agenda.

**e. Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue (Resolution No. 20, Series of 2014)**

This is a joint project with the City and County of Denver (CCD). CCD desires to design, acquire right-of-way, and construct improvements on Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue in accordance with the “Westerly Creek Drainageway Update, Downstream of Westerly Creek Dam Major Drainageway Plan,” dated December 2007.

The project includes improvements to Westerly Creek from Kelly Road Dam to 14<sup>th</sup> Avenue. The District is administering the design with Muller Engineering Company. Construction is anticipated in 2015, with the District managing the construction of the project. Easement and right-of-way acquisition will be included in the project costs.

The District and CCD have identified \$1,000,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District’s participation being \$250,000 in 2014 funds. It is anticipated that additional funds may be needed for the project.

Resolution No. 20 authorizes \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by CCD 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. 20 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 17, 18, 19, and 20 Series of 2014, and Cash Disbursements dated March 2014 be placed on the Consent Agenda. Commissioner Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. Executive Director’s Report**

The Executive Director’s report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**8. Other Business**

**a. June Board Meeting/CML Annual Conference**

Mr. Hindman announced that the June Board meeting conflicts with the Annual Colorado Municipal League (CML) Conference taking place the week of June 16th. Mr. Hindman asked if the Board prefers to hold the June meeting the week prior or cancel the June Board meeting. It was the consensus of the Board that due to other schedule conflicts it would be best to cancel the June meeting recognizing that May’s Board meeting will most likely include additional resolutions/agenda topics to compensate for the gap in board meetings.

**9. Announcements**

The next board meeting will take place on Thursday, May 15.

**10. Adjournment**

Council Member Lopez adjourned the meeting at 1:20 pm.



# Executive Director's Report

April 17, 2014

## Administrative

Two days ago, we held our Annual District Seminar which was attended by over 300 professionals in the field of stormwater. This is the District's opportunity to share new advancements we are making on the stormwater front with the technical community. It is also great to see how cohesive our community is here in the Denver metro area. What made this year's seminar special is that we presented our "Friend of UDFCD" award to Councilwoman Cathy Reynolds. This award is only given out on a rare occasion to an individual that has given their time and energy to advance the mission of the District. Cathy served on our Board for 28 years and was Board Chair for 23 years. She truly helped form what this District is today. Chair Lopez was there to present the award to her along with former Executive Director, Scott Tucker. She was very moved by the presentation.

## Program

**Design and Construction:** As mentioned at the last Board meeting, we have initiated a pilot program to promote healthier stream corridors by implementing new mowing policies within the City and County of Denver. Working closely with Denver staff, we have started a fairly extensive public education process as to why this is being done. If you get any calls from your constituents, please direct them to Barb Chongtoua or Mike Sarmento at our office at 303-455-6277.

**Floodplain Management:** The annual floodplain brochures that are sent to people in or near a designated floodplain were mailed yesterday. If you receive any inquiries, please direct them to David Mallory, Manager of the Floodplain Management Program, at 303-455-6277.

**Finance:** We received over 200 resumes for the Controller position. After sorting through all of them and interviewing over a dozen candidates, we have made an offer to a woman who has an extensive background in governmental accounting. She has accepted the position and we are now conducting background checks. Assuming no glitches, she will start on May 1<sup>st</sup>. I'm confident she will get up and running pretty quickly and things will get back to normal.

## State and Federal Government Advocacy

**State and Local Government:** There isn't anything that I'm aware of at the State legislature that would affect the District, unless the Board wants me to weigh in on the peaches and cantaloupe controversy.

**Federal:** The IRS has decided to put their foot into the stormwater arena. They have ruled that if a municipality constructs green infrastructure, like a rain garden, on private property, they must issue a 1099 to the private property owner if the value is over \$600. This has really become an issue for governments that have a grant program to promote green infrastructure. One municipality gave grants ranging between \$4,000 and \$5,000 for homeowners to install runoff controls such as rain gardens and permeable pavements. Now it's followed by a 1099.

## Personal

Many of you have Colorado roots going back generations. Mine goes back to my great grandfather who came to Craig, CO after the Civil War. He came from Pennsylvania through Iowa and homesteaded a plot of land down by the Yampa River. As fall set in, he decided he needed more money, so he left my Great-grandmother in Craig, and went back east to find work. Returned almost two years later, they worked the homestead for several years and started a very good horse business. Apparently, the Hindman Horses were known throughout the area. Unfortunately, the depression hit and the farm was lost. My dad had to leave the home at a young age and was on his own. I've gone back to Craig several times and now the farm is a working museum. This is a photo of the original house and is still being lived in to this day. That's me in the picture – can you tell which part of the house was the addition?







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 21, SERIES OF 2014 (Revision of Personnel Rules and Procedures)

WHEREAS, the Board adopted the District Personnel Rules and Procedures in April 1977 which went into effect May 1977; and

WHEREAS, changes to the Personnel Rules and Procedures have periodically been made by the board since May 1977; and

WHEREAS, the Board now desires to revise the Personnel Rules and Procedures to reflect edits made to the following sections:

1. Board of Directors to Establish Policy, Chapter 1
2. Recruitment and Selection, Chapter 1
3. Types of Appointments, Chapter 1
4. Pay Plan, Chapter 2
5. Pay Raises, Chapter 2
6. Budgetary Provisions, Chapter 2
7. Standard Work Hours, Chapter 4
8. Holiday Leave, Chapter 5
9. Annual Leave, Chapter 5
10. Sick Leave, Chapter 5

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby approves the addition to Paragraph 1 of Chapter 1 of the Personnel Rules and Procedures to read as follows:
  - a. Any changes to this document that would have a monetary effect shall be authorized by resolution. Minor changes that do not have a monetary effect may be made by the Executive Director.
2. The Board hereby approves the addition of Paragraph 2.7 of Chapter 1 of the Personnel Rules and Procedures as follows:
  - b. 2.7 Program Manager positions shall be open only to current District employees. If a suitable candidate is not found, recruitment shall follow Section 2.2.
3. The Board Hereby approves the addition of Paragraphs 3.3 and 3.4 in Chapter 5 of the Personnel Rules and Procedures to read as follows:
  - a. 3.3 Student interns may work the above holidays, and shall receive standard compensation, if authorized in writing in advance by the program manager.
  - b. 3.4 Full and part time employees (not interns) may work the above holidays up to their standard work day hours under their selected AP or BP schedule. Holiday hours worked shall be accrued and used at the next Annual Leave time taken by the employee before accrued Annual Leave time is used.
4. The Board hereby revises Paragraphs 4.1, 4.2, 4.8, and 4.10 of Chapter 5 of the Personnel Rules and Procedures to read as follows.
  - a. 4.1 Annual leave shall accumulate immediately upon employment.
  - b. 4.2. Annual leave shall be accrued by the eligible regular full time employees at the following rates:
    - i. Ninety-six (96) hours per year through five full years of service.
    - ii. One hundred twenty (120) hours per year from the beginning of the sixth through the tenth year of service.
    - iii. One hundred thirty six (136) hours per year from the beginning of the eleventh through the fifteenth year of service
    - iv. One hundred sixty (160) hours per year from the beginning of the sixteenth year through the twentieth year of service.

- v. Two hundred (200) hours per year from and following the beginning of the twenty first year of service.
- c. 4.8 Maximum accumulation of annual leave for regular full time employees is as follows:
  - i. Through the fifth year of service, one hundred sixty (160) hours.
  - ii. From the beginning of the sixth through the fifteenth year, two hundred (200) hours.
  - iii. From the beginning of the sixteenth year, two hundred forty (240) hours.
  - iv. From the beginning of the twenty first year, two hundred eighty (280) hours
- d. 4.10 Accrued annual leave above the maximums set forth in Section 4.8 above shall be forfeited at the end of the year except where special circumstances exist and approval to exceed the maximum accumulation has been authorized in writing by the Executive Director.
- 5. The Board hereby approves the addition of Paragraph 5.11 of Chapter 5 of the Personnel Rules and Procedures to read as follows:
  - a. 5.11 Sick leave shall accumulate immediately upon employment.
- 6. These revisions are effective May 15, 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 22, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Jackass Gulch at Long Avenue, City of Littleton, Arapahoe County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Littleton has enacted floodplain regulations; and

WHEREAS, the City of Littleton and the District cooperated in the preparation of "Lower Dad Clark Gulch and DFA 0068 Outfall Systems Planning," dated February 1991; and

WHEREAS, the City of Littleton has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Jackass Gulch at Long Avenue (Exhibit A); and

WHEREAS, the City of Littleton and the District have estimated the total project costs to be \$450,000; and

WHEREAS, the District's participation being authorized by this resolution is \$225,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Jackass Gulch at Long Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Jackass Gulch at Long Avenue were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Littleton for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Jackass Gulch at Long Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Jackass Gulch at Long Avenue.
3. The District's maximum contribution to the Jackass Gulch at Long Avenue project, without prior approval of the Board, shall be \$225,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Littleton.
4. Such approval for expenditure of District funds is contingent upon the City of Littleton agreeing to regulate and control any defined floodplain in the Jackass Gulch at Long Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 22, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Jackass Gulch at Long Avenue, City of Littleton, Arapahoe County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 23, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Centennial and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Piney Creek at Caley Drive project; and

WHEREAS, SEMSWA, Douglas County and the District cooperated in the preparation of "Piney Creek Major Drainageway Plan," dated February 2012; and

WHEREAS, the Board previously authorized (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; Resolution No. 27, Series of 2011; and Resolution 46, Series 2013) \$2,065,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Caley Drive (Exhibit A); and

WHEREAS, SEMSWA, Cherry Creek Basin Water Quality Authority (CCBWQA), and the District now desire to design and construct improvements along Piney Creek at Caley Drive; and

WHEREAS, SEMSWA, CCBWQA, and the District have estimated the additional project costs to be \$1,043,000 resulting in a revised total project cost of \$5,566,000 (\$2,508,000 District; \$3,008,000 SEMSWA; and \$50,000 CCBWQA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$443,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Piney Creek at Caley Drive; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Piney Creek at Caley Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2006, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Piney Creek at Caley Drive project without prior approval of the Board shall be ~~\$2,065,000~~ **\$2,508,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA and CCBWQA."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2006.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

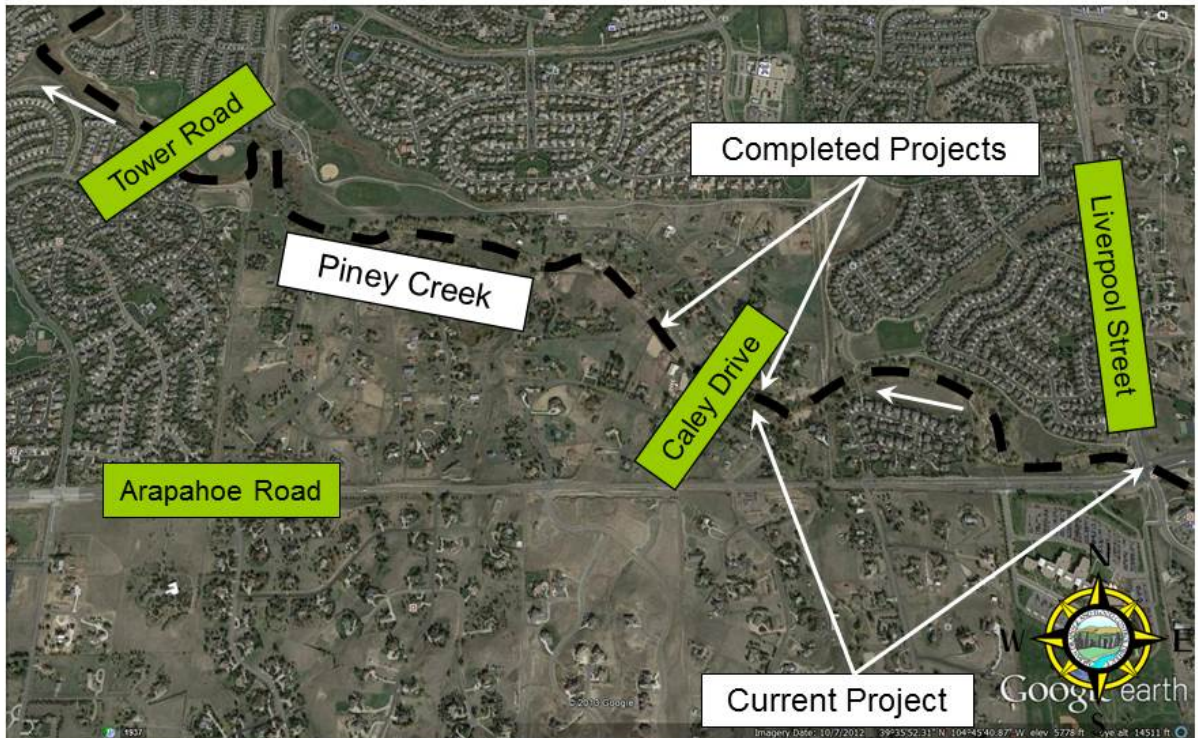
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 23, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County)

### EXHIBIT A





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, August 21, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
    - i. Arapahoe County Stewardship Award
    - ii. CASFM - Chapter of the Year
    - iii. FEMA Technical Mapping Advisory Committee (TMAC)
    - iv. White House: Innovation for Disaster Response and Recovery Initiative
4. **Approval of May 15, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization to Invest District Funds in the Colorado Surplus Asset Fund Trust  
(Resolution No. 24, Series of 2014)
  - c. Authorization to Invest District Funds in the Colorado Local Government Liquid Asset Trust  
(Resolution No. 25, Series of 2014)
  - d. Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall  
(Resolution No. 26, Series of 2014)
  - e. Authorization to Participate in Drainage and Flood Control Improvements on Weir Gulch from Sheridan Boulevard to Hooker Street  
(Resolution No. 27, Series of 2014)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive  
(Resolution No. 28, Series of 2014)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms  
(Resolution No. 29, Series of 2014)
  - h. Authorization to Participate in Drainage and Flood Control Improvements on Arvada Channel  
(Resolution No. 30, Series of 2014)
  - i. Acceptance of Box Elder Creek Planning Study  
(Resolution No. 31, Series of 2014)
  - j. Acceptance of Lower East Toll Gate Creek Planning Study  
(Resolution No. 32, Series of 2014)
  - k. Authorization for a Planning Study of Niver Creek  
(Resolution No. 33, Series of 2014)
  - l. Acceptance of Flood Hazard Area Delineation Report for Happy Canyon Creek  
(Resolution No. 34, Series of 2014)

6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Reports/Discussion**
  - a. Executive Director's Report
8. **Other Business**
  - a. Water Rights versus Water Quality Ponds – Update
  - b. Waters of the U.S. – EPA Comments
  - c. Accounting Software
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, September 18, 2014**
10. **Adjournment**



**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS**

**May 15, 2014**

**MINUTES**

**Members Present:**

Bruce Beckman, Mayor Pro Tem, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
George Karakehian, Mayor Pro Tem, City of Boulder  
Peggy Lehmann, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Lakewood  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Nancy Sharpe, Commissioner, Arapahoe County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

**Members Absent:**

Herb Atchison, Mayor, City of Westminster  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Mary Beth Susman, Council Member, City/County of Denver

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Manager, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Teresa Patterson	Project Engineer, Floodplain Management
Holly Piza	Senior Project Engineer, Master Planning
Terri Schafer	Controller
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

**Others Present:**

None.

**How the Districts Works – Drop Structures**

Mr. Hindman conducted a presentation on Drop Structures for this month's How The District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Joyce Downing called the meeting to order at 1:00 p.m.
2. **Introductions**
  - a. **Visitors/Guests/Staff**  
Mr. Hindman introduced two new District employees, including:  
Omer Karakitir, DCM Student Intern  
Terri Schafer, Controller
  - b. **Awards/Recognitions**  
There were no awards or recognitions at this month's meeting.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Board Approval of April 17, 2014 Meeting Minutes**  
Mayor Joyce Downing asked if there were any corrections to the April 17, 2014 minutes. Hearing none, the minutes were approved as submitted.
5. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated April and May 2014 had been 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. **Revision of Personnel Rules and Procedures Manual  
(Resolution No. 21, Series of 2014)**  
The District's Personnel Rules and Procedures Manual has not been updated since July of 2008. The manual is in need of updating to clean up some outdated language as well as update a few policies that have been put into effect for years but have never officially been documented until now.  
  
Mr. Hindman reviewed each of the following section changes:
    1. Board of Directors to Establish Policy, Chapter 1
    2. Recruitment and Selection, Chapter 1
    3. Types of Appointments, Chapter 1
    4. Pay Plan, Chapter 2
    5. Pay Raises, Chapter 2
    6. Budgetary Provisions, Chapter 2
    7. Standard Work Hours, Chapter 4
    8. Holiday Leave, Chapter 5
    9. Annual Leave, Chapter 5
    10. Sick Leave, Chapter 5  
Concluding Mr. Hindman's review, a minor change to Chapter 1, Board of Directors to Establish Policy, was recommended by the Board. The recommendation was incorporated into Resolution No. 21 and it was the consensus of the Board to place Resolution No. 21 on the Consent Agenda.
  - c. **Authorization to Participate in Drainage and Flood Control Improvements on Jackass Gulch at Long Avenue, City of Littleton, Arapahoe County  
(Resolution No. 22, Series of 2014)**  
This is a joint project with the City of Littleton. The City of Littleton desires to design, acquire right-of-way, and construct improvements along Jackass Gulch at Long Avenue in accordance with the "Lower Dad Clark Gulch and DFA 0068 Outfall Systems Planning," dated February 1991. The project includes channel restoration including bank protection and drop structures.

Easement and right-of-way acquisition will be included in the project costs. The District will be administering the design once a consulting engineering firm is selected.

The District and the City of Littleton have identified \$450,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$225,000 in 2014 funds. Construction is anticipated in 2015.

Resolution No. 22 authorizes \$225,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Littleton 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. 22 on the Consent Agenda.

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County (Resolution No. 23, Series of 2014)**

This is a joint project with Southeast Metro Stormwater Authority (SEMSWA) and the Cherry Creek Basin Water Quality Authority (CCBWQA). CH2M Hill has been selected to design the project under contract with the District. The drainage elements of the project include channel restoration including bank protection and drop structures. Easement and right-of-way acquisition is included in the project costs.

The design is now starting on this project. CCBWQA is a new partner to the project. The District, SEMSWA, and CCBWQA desire to build-up funds needed to design and construct the improvements which will be managed by the District

The District, SEMSWA, and CCBWQA have identified \$5,556,000 in total project costs with the District's participation being \$2,508,000. The previous authorizations (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; Resolution No. 27, Series of 2011; and Resolution 46, Series 2013) totaled \$2,065,000 to fund design and to partially fund acquisition of right-of-way and construction. Construction is anticipated to begin in 2015.

Resolution No. 23 authorizes an additional \$443,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA and CCBWQA 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. 23 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 21, 22, and 23 Series of 2014, and Cash Disbursements dated April and May 2014 be placed on the Consent Agenda. Mayor Heidi Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously with the exception of Council Member Lehmann's abstention due to not being present for the entire resolutions discussion.

**7. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

The report included an update on a new draft ruling from EPA concerning the definition of "waters of the U.S." The ruling would certainly have an effect on several of our jurisdictions. It

was requested that the District prepare comments on the ruling and submit them on behalf of the UDFCD Board of Directors. Ken MacKenzie informed the Board that staff have already tasked Wright Water to review the documents and prepare comments. Ken also stated that we can prepare a response to the ruling and submit it on behalf of the UDFCD Board of Directors should this be the request of the Board. The request was motioned by Commissioner Sharpe, seconded by Commissioner Tedesco, and unanimously passed.

**8. Other Business**

None.

**9. Announcements**

Mr. Hindman reminded the Board that the June board meeting has been cancelled. The next board meeting will take place on Thursday, August 21, 2014.

**10. Adjournment**

Mayor Joyce Downing adjourned the meeting at 1:45 pm.



# Executive Director's Report

May 15, 2014

## ADMINISTRATIVE

Last year, the District helped fund an endowment at the University of Colorado in the name of Joe Shoemaker and last week, I had the pleasure of attending presentations conducted by several engineering graduate students as part of the Joe Shoemaker Awards for Urban Water Studies program. A portion of the endowment funds goes towards the research studies that the students are conducting. It was very impressive listening to the presentations that will, one day, advance the management of stormwater.

## PROGRAM

**Design and Construction:** Many construction projects are well under way. In a normal month, our cash disbursements are just over \$2M per month and this month, they were over \$3M. That extra million is primarily due to active construction projects.

**Flood Warning:** The flood season has started. We have installed a couple of new gages and repaired some others. If predictions are correct, it should be another active season. If any Board member would like a tutorial on how to access real time flood information on the web, contact me or Kevin Stewart and we will walk you through it. Even for the novice, the website is pretty easy to use and informative during a rain event.

**Finance:** Our new Controller, Terri Schafer, started on May 1. We are very excited to have Terri join our team and I know she will be a huge asset to the District. She is figuring out the current accounting system very quickly. Because our system is very dated, I have talked with her on several occasions about obtaining new software for her department. We will be moving in that direction as soon as possible but we will do it with great care and planning. Terri and I are attending the Government Finance Officers Association (GFOA) conference next week and my primary objective is to talk with vendors to see what kind of accounting software is out there and what will best suit our needs.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Government:** The State Legislature closed down yet another year and only one bill (that I'm aware) of made it into law that will affect us. The open records law states we can't charge for the first hour of time expended in research and retrieval; however, after that you may charge a fee of up to \$30 per hour for that research and retrieval. We also need to post our policy on our web page which we are doing.

**Federal:** A new draft ruling came out of EPA concerning the definition of waters of the U.S. In general, everything is waters of the U.S. The ruling was published in the Federal Register and is currently in the comment period. We feel this ruling will have a great impact on our local governments that have a Phase 1 or Phase 2 stormwater permit with CDPHE because it will impact more of the public drainage system and could cause additional regulations that may restrict current stormwater management. We have hired Wright Water Engineers to take an in-depth look into the proposed ruling that will assist in providing comments to EPA.

## PERSONAL

Last week, my daughter (Elisa), son-in-law (Grant), and grandson (Link) moved to Stillwater, OK. Grant graduated last December from K-State with a degree in horticulture. He got a job with a landscaping company in Stillwater and that's why they moved. My wife, Claudia, keeps trying to convince them there are plenty of landscape jobs in Colorado. They don't seem to be listening, so for now we will still be taking long weekends to go see our grandson. Maybe someday they will get tired of the heat and move closer, thus answering Claudia's prayers. Here is the latest cute picture.





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 24, SERIES OF 2014

(Authorization to Invest District Funds in the Colorado Surplus Asset Fund Trust)

WHEREAS, the District desires to pool its funds with other local government entities by becoming a Participant in the Colorado Surplus Asset Fund Trust (“CSAFE”); and

WHEREAS, pursuant to the provisions of Section 24-75-601 and 701, et seq., C.R.S., as amended and Section 24-75-702, et seq., C.R.S., as amended, any local government entity (including cities, towns, school districts, special districts, counties or political subdivisions of the state) is authorized to pool any funds, which are currently surplus funds and not immediately required to be disbursed, with similar moneys from other local government entities, in order for these entities to take advantage of short-term investments and maximize net interest earnings; and

WHEREAS, CSAFE has been formed as a common law trust under the laws of the state of Colorado; and

WHEREAS, the District desires to pool its funds with other local government entities by becoming a Participant in the CSAFE; and

WHEREAS, the District has reviewed Section 24-75-601 C.R.S., as amended and Section 24-75-701, et seq., C.R.S., as amended, and the merits of investing in a trust as permitted by Section 24-75-601, C.R.S., and Section 24-75-701, et seq., C.R.S., as amended, including the trust’s liquidity, risk diversification, flexibility, convenience and cost compared to the alternative direct purchase of comparable investments; and

WHEREAS, the District finds it in its best interest to invest District funds in CSAFE, along with other local government entities for the purpose of pooling surplus funds;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The governing body of the District has reviewed C.R.S. Section 24-75-601, as amended and C.R.S. Section 24-75-701, et seq., as amended, of the Colorado Revised Statutes and the merits of investing in a trust as permitted by C.R.S. Section 24-75-601, as amended and C.R.S. Section 24-75-701, et seq., as amended, including trust’s liquidity, risk diversification, flexibility, convenience and cost compared to the alternative direct purchase of comparable investments and finds it is in the best interest of the local government entity and therefore hereby approves and adopts this Resolution, along with other local government entities in the trust for the purpose of pooling surplus funds. The terms of the above mentioned trust indenture shall be incorporated herein by this reference and a copy filed with the minutes of the meeting at which warranties, either shall be incorporated herein by this reference and a copy filed with the minutes of the meeting at which warranties, either expressed or implied, are part of this agreement between CSAFE and said governing body of the District unless as set forth in the Indenture of Trust, but that CSAFE shall use its best efforts in conjunction with the District’s to accomplish these goals.
2. The Executive Director and Controller are both authorized and directed to execute the Indenture of Trust and any other documents necessary to establish an account with CSAFE and are authorized to invest funds from the District, from time to time, part or all of those shares as funds are not needed for other purposes.
3. The District is liable for all checks written on its account, authorized, or unauthorized. The District shall indemnify and hold CSAFE harmless from and against any and all claims, demands, damages, losses, liabilities, and expenses (including, without limitation, reasonable attorney fees and court costs at trial or appeal) arising from: (a) any checking activity on the District’s account or (b) any act or omission from CSAFE arising out of CSAFE action or inaction taken pursuant to a request by the District. The District should implement proper security procedures to safeguard the checks for each account. CSAFE does not guarantee the prevention of fraud or theft from the District’s account.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 25, SERIES OF 2014

(Authorization to Invest District Funds in the Colorado Local Government Liquid Asset Trust)

WHEREAS, the District desires to pool its funds with other local government entities by becoming a Participant in the Colorado Local Government Liquid Asset Trust (the "Trust"); and

WHEREAS, pursuant to Part 7, Article 24 (C.R.S.), it is lawful for any Local Government to pool any funds, which are not immediately required to be disbursed, with the same such moneys of any other local government in order to take advantage of short-term investments and maximize net interest earnings; and

WHEREAS, the Trust is a statutory trust formed under the laws of the State of Colorado in accordance with the provisions of Parts 6 and 7, Article 24 and Articles 10.5 and 47 of Title 11 of the Colorado Revised Statutes regarding the investing, pooling of investment and protection of public funds; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby approves, adopts, and thereby joins as a Participant with other local governments pursuant to Part 7, Article 75, Title 24 of the Colorado Revised Statutes, that certain Amended and Restated Indenture of Trust entitled the Colorado Liquid Government Asset Trust, dated October 3, 2003 as amended from time to time, the terms of which are incorporated herein by this reference.
2. The Executive Director and Controller are those persons listed on the Trust Registration Form. The Authorized Signatories are authorized by the Participant to direct the investment of such Participants' investment funds.
3. The Designee and Authorized Signatories may be changed from time to time by written notice to COLOTRUST; and
4. The Trust has two investment portfolios; COLOTRUST PRIME comprised of U.S. Treasury securities and COLOTRUST PLUS+ comprised of U.S. Treasury Securities, U.S. Agency Securities, and the highest rated commercial paper. The Executive Director is hereby authorized to invest in both the COLOTRUST PRIME and COLOTRUST PLUS+.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 26, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On River North Outfall, City and County of Denver)

WHEREAS, the District in a policy statement previously adopted, (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "City and County of Denver Storm Drainage Master Plan," dated January 2009; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements along River North Outfall from the South Platte River to Lafayette Street (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total project costs to be \$1,250,000; and

WHEREAS, the District's participation being authorized by this resolution is \$625,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along River North Outfall; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along River North Outfall were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on River North Outfall.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on River North Outfall.
3. The District's maximum contribution to the River North Outfall project, without prior approval of the Board, shall be \$625,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver.
4. Such approval for expenditure of District funds is contingent upon the City and County of Denver agreeing to regulate and control any defined floodplain in the River North Outfall project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

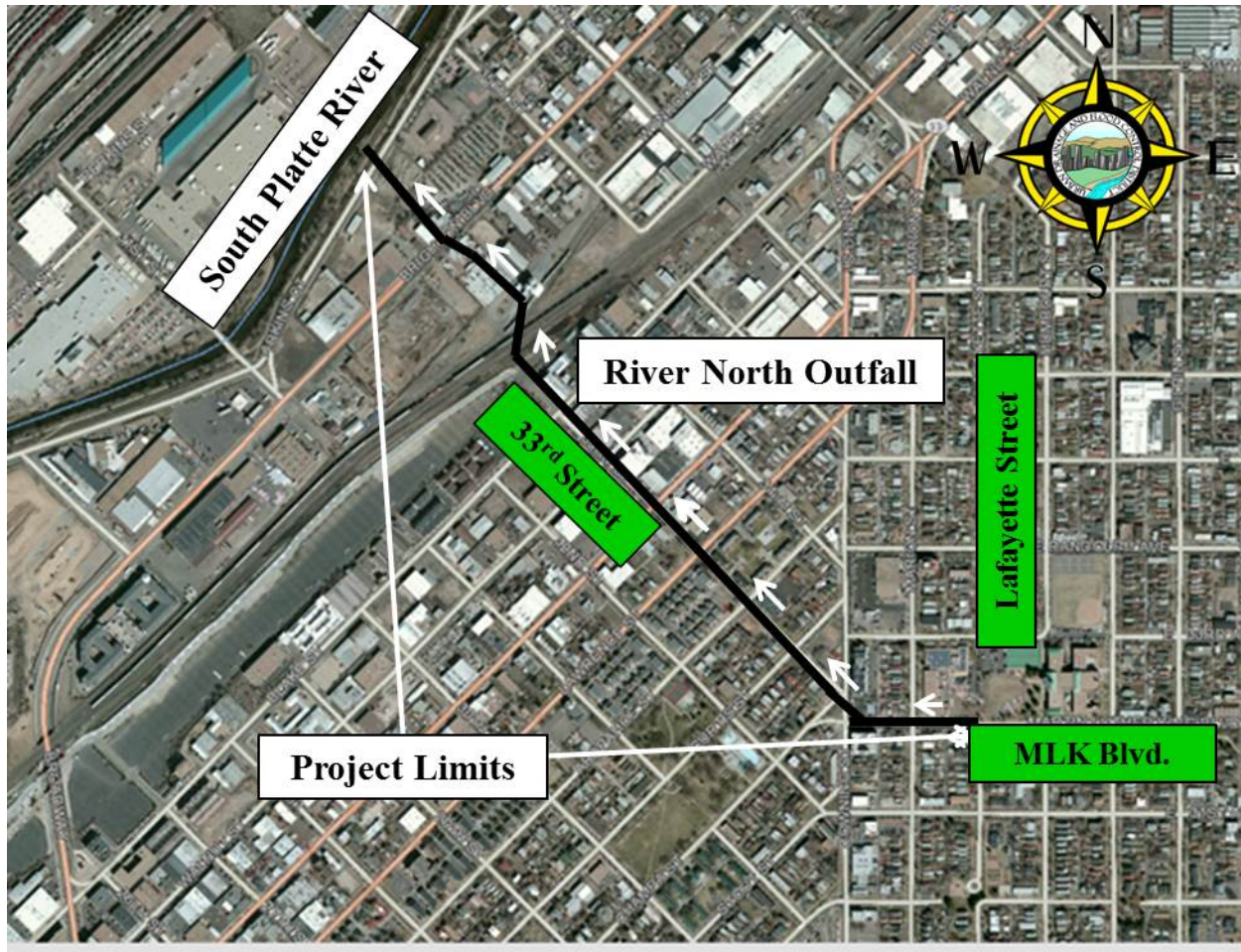
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Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2014  
(Authorization to Participate in Drainage and Flood Control Improvements  
On River North Outfall, City and County of Denver)

## EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 27, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Weir Gulch from Sheridan Boulevard to Hooker Street, City and County of Denver)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District are cooperating in the preparation of "Weir Gulch Major Drainageway Planning Study" anticipated for completion in 2015; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Weir Gulch from Sheridan Boulevard to Hooker Street (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total project costs to be \$1,450,000; and

WHEREAS, the District's participation being authorized by this resolution is \$725,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Weir Gulch from Sheridan Boulevard to Hooker Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Weir Gulch from Sheridan Boulevard to Hooker Street were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Weir Gulch from Sheridan Boulevard to Hooker Street.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Weir Gulch from Sheridan Boulevard to Hooker Street.
3. The District's maximum contribution to the Weir Gulch project, without prior approval of the Board, shall be \$725,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver.
4. Such approval for expenditure of District funds is contingent upon the City and County of Denver agreeing to regulate and control any defined floodplain in the Weir Gulch from Sheridan Boulevard to Hooker Street project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

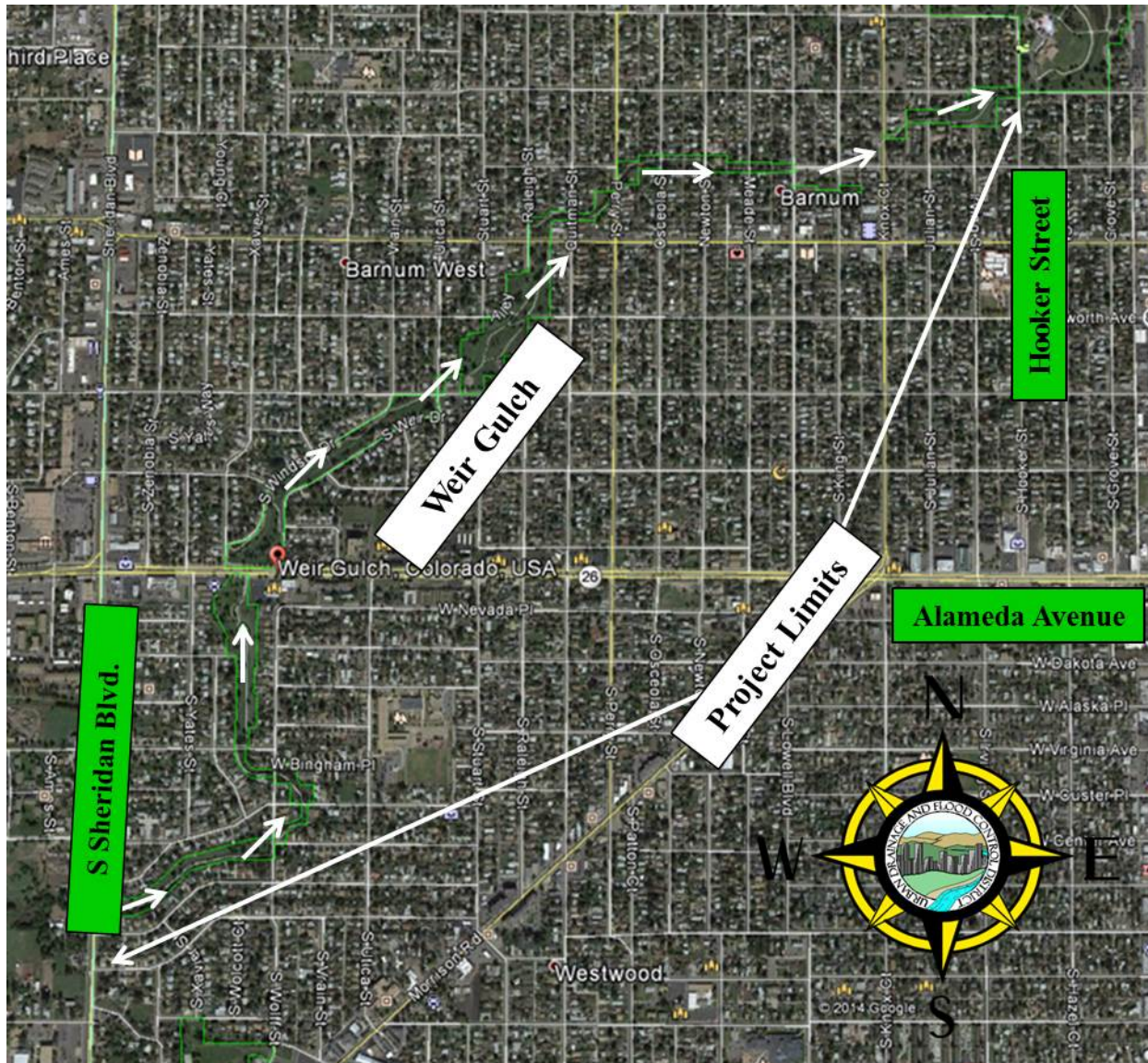


THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Weir Gulch from Sheridan Boulevard to Hooker Street, City and County of Denver)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 28, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Centennial and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Piney Creek at Caley Drive project; and

WHEREAS, SEMSWA, Douglas County, City of Aurora, and the District cooperated in the preparation of "Piney Creek Major Drainageway Plan," dated February 2012; and

WHEREAS, the Board previously authorized (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; Resolution No. 27, Series of 2011; Resolution 46, Series 2013; and Resolution No. 23, Series 2014) \$2,508,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Caley Drive (Exhibit A); and

WHEREAS, SEMSWA, Cherry Creek Basin Water Quality Authority (CCBWQA) and the District now desire to design and construct improvements along Piney Creek at Caley Drive; and

WHEREAS, SEMSWA, CCBWQA, and the District have estimated the additional project costs to be \$175,000 resulting in a revised total project cost of \$5,741,000 (\$2,683,000 District; \$3,008,000 SEMSWA; and \$50,000 CCBWQA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$175,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Piney Creek at Caley Drive; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Piney Creek at Caley Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2006, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Piney Creek at Caley Drive project without prior approval of the Board shall be ~~\$2,508,000~~ **\$2,683,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA and CCBWQA."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

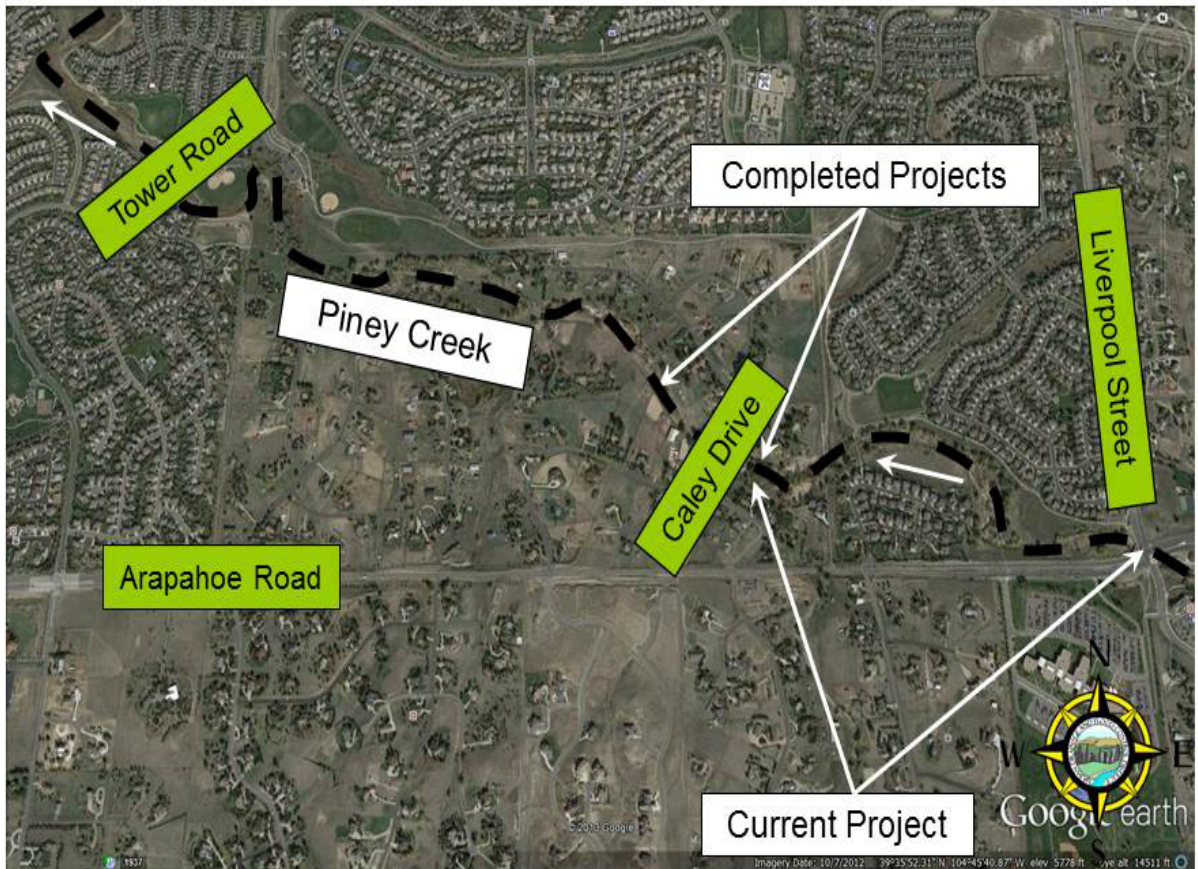


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 28, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
On Cherry Creek at Norton Farms, Town of Parker, Douglas County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No.11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the Town of Parker has enacted floodplain regulations; and

WHEREAS, Arapahoe and Douglas Counties, the Cities of Aurora and Centennial, the Town of Parker, and the District cooperated in the preparation of "Cherry Creek Reservoir to Scott Road Major Drainageway Planning Preliminary Report," dated January 2004; and

WHEREAS, the Board previously authorized, (Resolution No. 9, Series of 2013) \$70,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Norton Farms in the Town of Parker (Exhibit A); and

WHEREAS, the Town of Parker, Cherry Creek Basin Water Quality Authority (CCBWQA), and the District now desire to construct improvements along Cherry Creek at Norton Farms in the Town of Parker; and

WHEREAS, the Town of Parker has estimated the additional project costs to be \$575,000 resulting in a revised total project cost of \$715,000 (\$220,000 District; \$240,000 Town of Parker; \$255,000 CCBWQA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek at Norton Farms in the Town of Parker; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Cherry Creek at Norton Farms in the Town of Parker were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 9, Series of 2013, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Cherry Creek at Norton Farms in the Town of Parker project without prior approval of the Board shall be ~~\$70,000~~ **\$220,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker and the Cherry Creek Basin Water Quality Authority."
2. All other conditions and authorizations remain as stated in Resolution No. 9, Series of 2013

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

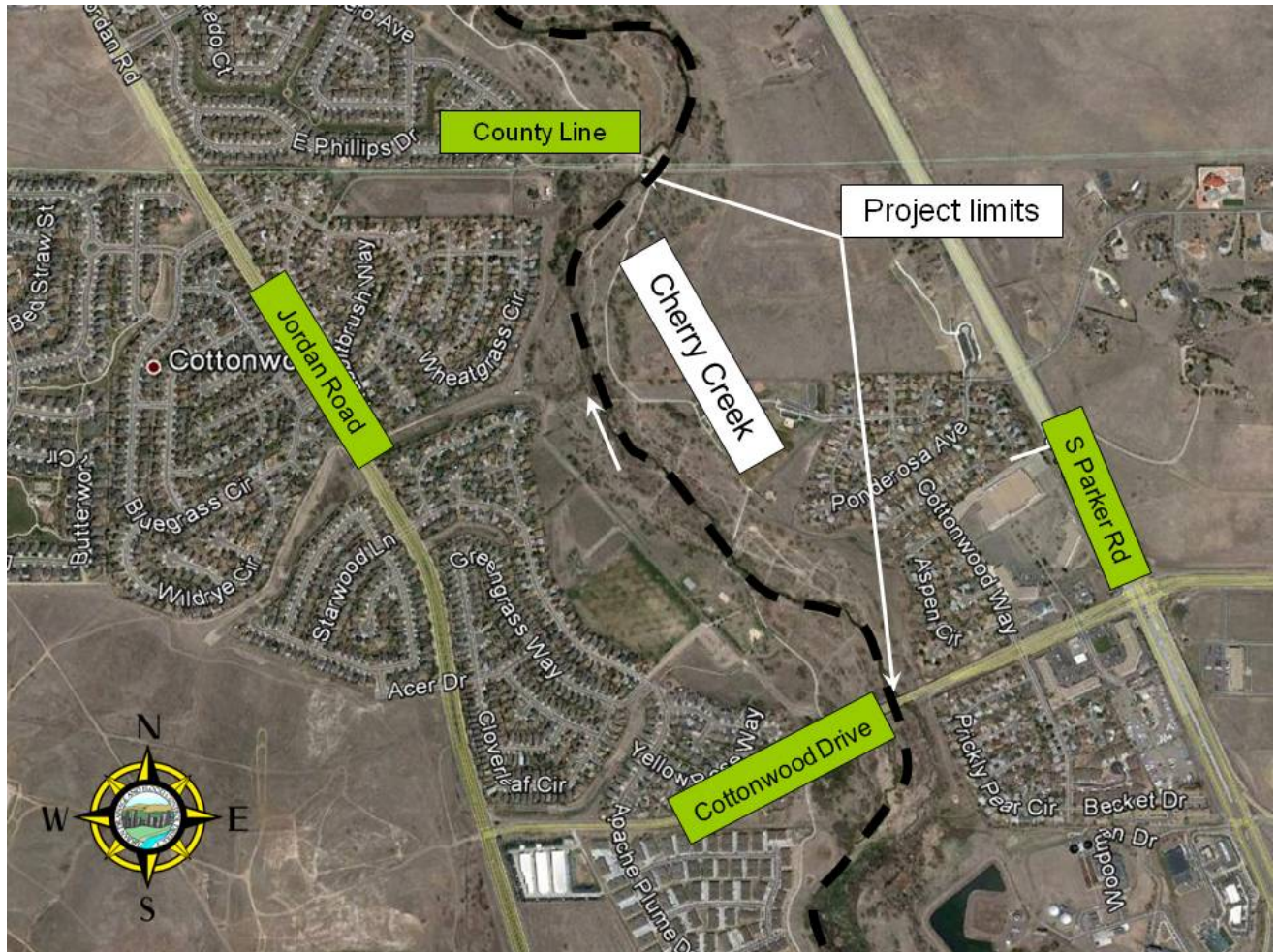
\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
Along Cherry Creek at Norton Farms, Town of Parker, Douglas County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 30, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Arvada Channel, City of Wheat Ridge, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Wheat Ridge has enacted floodplain regulations; and

WHEREAS, the City of Wheat Ridge and the District cooperated in the preparation of "Outfall Systems Planning, Columbine Basin," dated December 1994; and

WHEREAS, the City of Wheat Ridge and the District cooperated in the preparation of "Construction Drawings for Construction of Arvada Channel (Miller Street to Oak Street)," dated August 2014; and

WHEREAS, the City of Wheat Ridge, with District assistance, has acquired the necessary right-of-way to construct improvements along Arvada Channel; and

WHEREAS, the City of Wheat Ridge and the Regional Transportation District (RTD) have requested District participation in the construction of improvements along Arvada Channel (Exhibit A); and

WHEREAS, the City of Wheat Ridge, RTD, and the District have estimated the total project costs to be \$2,000,000 (\$500,000 District; \$1,500,000 RTD); and

WHEREAS, the District's participation being authorized by this resolution is \$500,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Arvada Channel; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Arvada Channel were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Wheat Ridge and RTD for the construction of drainage and flood control improvements on Arvada Channel.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for construction of drainage and flood control improvements on Arvada Channel.
3. The District's maximum contribution to the Arvada Channel project, without prior approval of the Board, shall be \$500,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Wheat Ridge and RTD.
4. Such approval for expenditure of District funds is contingent upon the City of Wheat Ridge agreeing to regulate and control any defined floodplain in the Arvada Channel project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 30, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
On Arvada Channel, City of Wheat Ridge, Jefferson County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 31, SERIES OF 2014  
(Acceptance of Box Elder Creek Planning Study)

WHEREAS, the Board cooperated with the City of Aurora, Adams County, City and County of Denver, Arapahoe County, and the Southeast Metro Stormwater Authority (SEMSWA) in the preparation of a major drainageway planning study for Box Elder Creek, Bear Gulch, and Coyote Run downstream of Jewell Avenue (Resolution No. 29, Series of 2012); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Olsson Associates to conduct studies and prepare a major drainageway planning report for Box Elder Creek, Bear Gulch, and Coyote Run downstream of Jewell Avenue; and

WHEREAS, the District reviewed the alternatives presented by Olsson Associates and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora, Adams County, City and County of Denver, Arapahoe County, and SEMSWA; and

WHEREAS, Olsson Associates has completed the study and submitted to the District the “Box Elder Creek (Downstream of Jewell Avenue), Bear Gulch, Coyote Run Major Drainageway Plan,” dated August 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Box Elder Creek (Downstream of Jewell Avenue), Bear Gulch, Coyote Run Major Drainageway Plan” dated August 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 31, SERIES OF 2014  
(Acceptance of Box Elder Creek Planning Study)

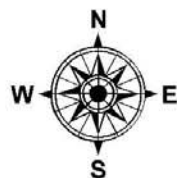
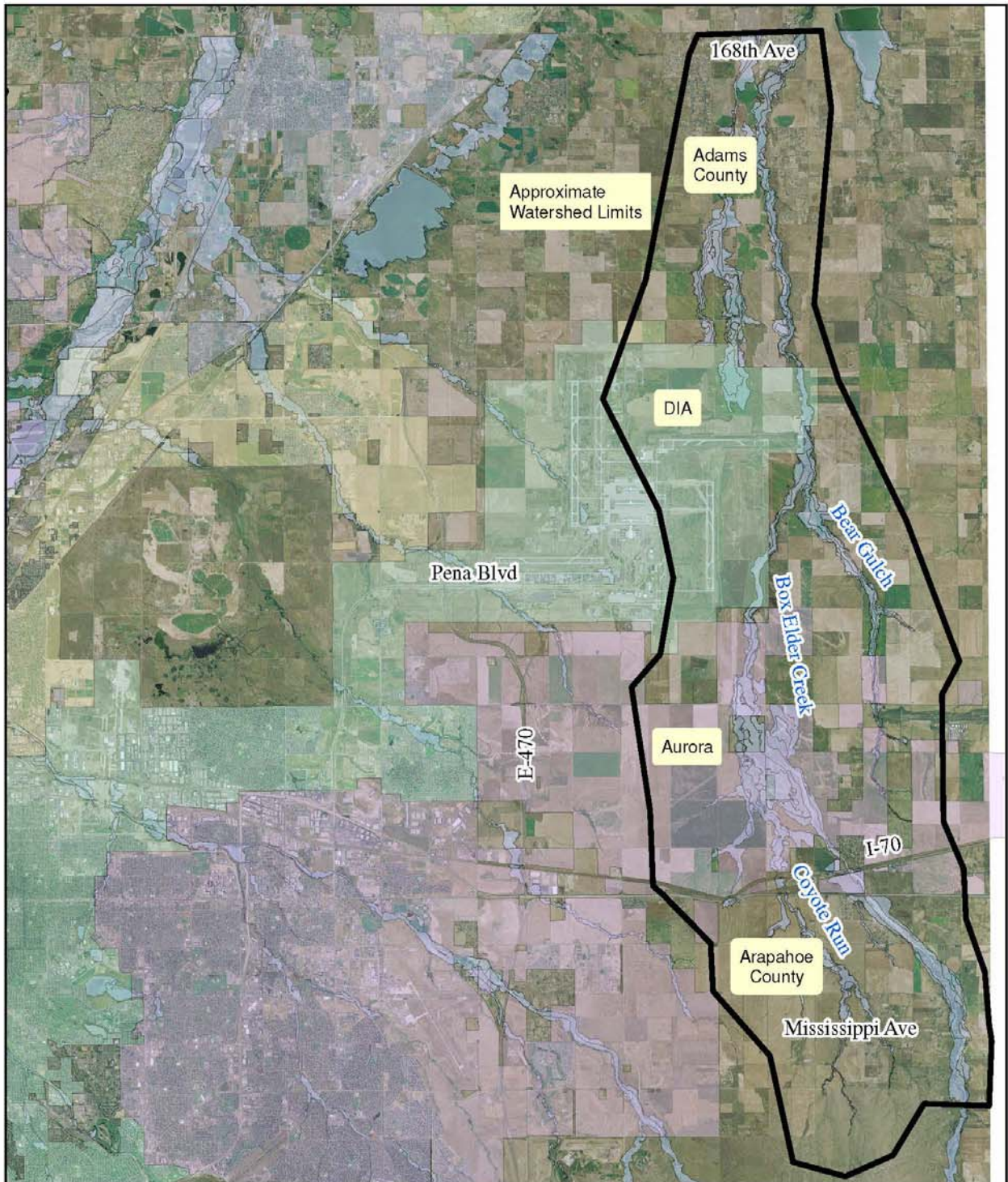


EXHIBIT A  
BOX ELDER CREEK  
Major Drainageway Plan and FHAD  
Approximate Study Limits  
July 2012

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 32, SERIES OF 2014  
(Acceptance of Lower East Toll Gate Creek Planning Study)

WHEREAS, the Board cooperated with the City of Aurora and Buckley Air Force Base in the preparation of a major drainageway planning study for Toll Gate Creek and East Toll Gate Creek downstream of Hampden Avenue (Resolution No. 37, Series of 2010); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of J3 Engineering Consultants, Inc. to conduct studies and prepare a major drainageway planning report for Toll Gate Creek and East Toll Gate Creek downstream of Hampden Avenue; and

WHEREAS, the District reviewed the alternatives presented by J3 Engineering Consultants, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora and Buckley Air Force Base; and

WHEREAS, J3 Engineering Consultants, Inc. has completed the study and submitted to the District the "Toll Gate Creek and East Toll Gate Creek (Downstream of Hampden) Major Drainageway Plan," dated May 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Toll Gate Creek and East Toll Gate Creek (Downstream of Hampden) Major Drainageway Plan," dated May 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 32, SERIES OF 2014 (Acceptance of Lower East Toll Gate Creek Planning Study)

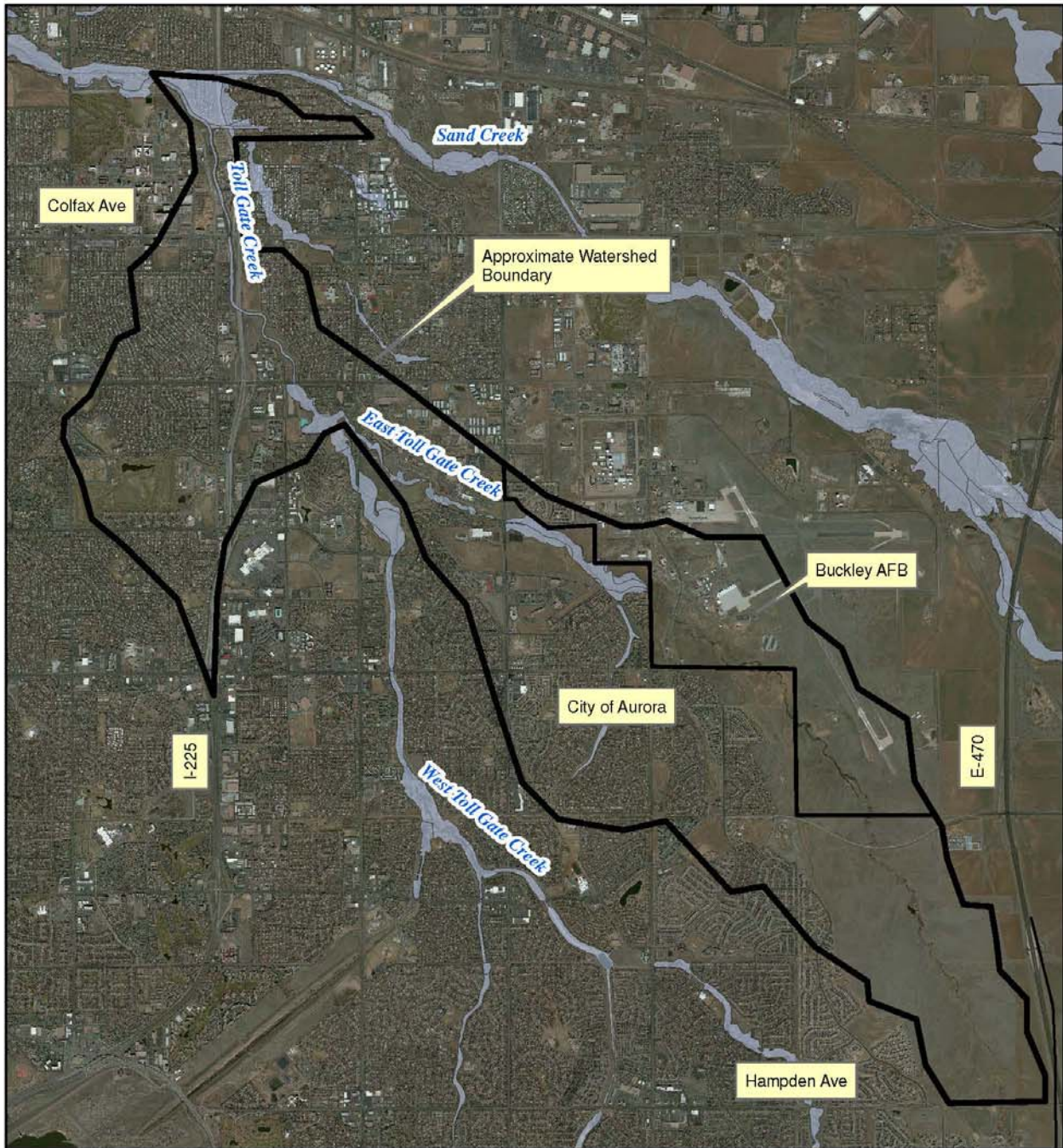
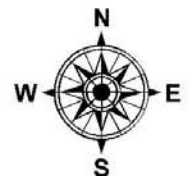


EXHIBIT A  
EAST TOLL GATE CREEK (LOWER)  
MAJOR DRAINAGEWAY PLANNING STUDY  
Planning Limits  
July 2010



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 33, SERIES OF 2014 (Authorization for a Planning Study of Niver Creek)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Thornton, the City of Federal Heights and Adams County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board wishes to cooperate with the City of Thornton, the City of Federal Heights and Adams County in the identification of solutions to stormwater drainage and flood control management problems for Niver Creek and tributaries (Exhibit A); and

WHEREAS, the City of Thornton, the City of Federal Heights and Adams County have expressed a desire to participate in a study leading to a major drainageway plan (MDP) and flood hazard area delineation (FHAD) for Niver Creek and tributaries and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$250,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$50,000
Thornton	\$60,000	-
Federal Heights	\$30,000	-
<u>Adams County</u>	<u>\$10,000</u>	<u>-</u>
TOTAL	\$200,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Thornton, the City of Federal Heights, and Adams County to fund the required engineering and mapping services for the Niver Creek and tributaries planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$250,000 and the District's share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Thornton, the City of Federal Heights, and Adams County.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 33, SERIES OF 2014  
(Authorization for a Planning Study of Niver Creek)

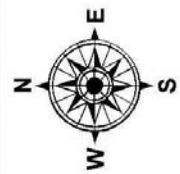
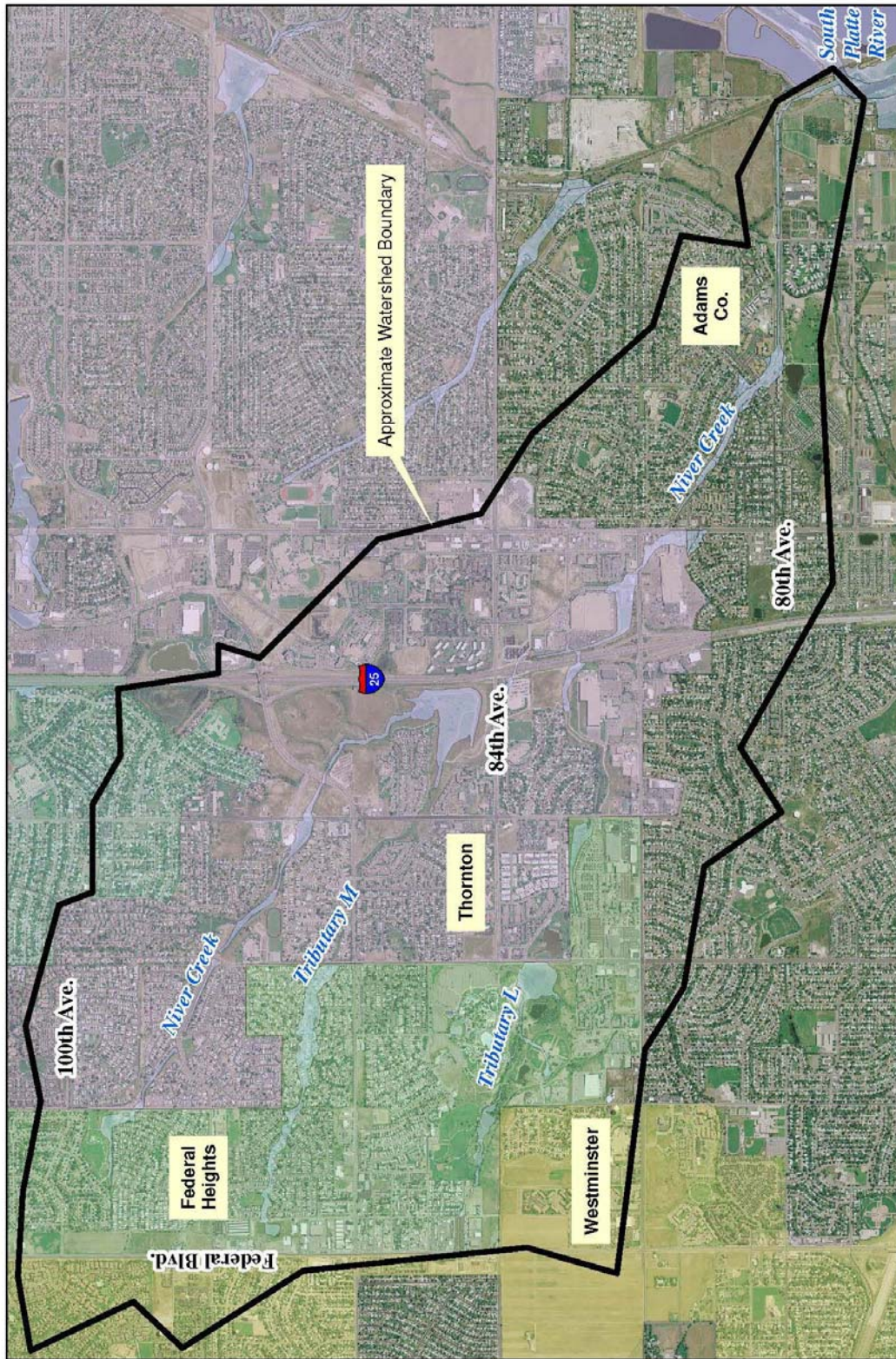


EXHIBIT A  
NIVER CREEK  
Major Drainage Plan and FHAD  
May 2014



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 34, SERIES OF 2014

(Acceptance of Flood Hazard Area Delineation Report for Happy Canyon Creek)

WHEREAS, the Board has previously established a Work Program for 2011 (Resolution No. 69, Series of 2010) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 74, Series of 2010); and

WHEREAS, the Executive Director has executed an agreement with Muller Engineering Company, Inc. for a master planning and flood hazard area delineation study of Happy Canyon Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Happy Canyon Creek," dated July 2014, has been completed by Muller Engineering Company, Inc.; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, *et seq.* C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation, Happy Canyon Creek," dated July 2014 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the City of Lone Tree, Douglas County, Arapahoe County, Town of Parker, City of Castle Pines, and Southeast Metro Stormwater Authority adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

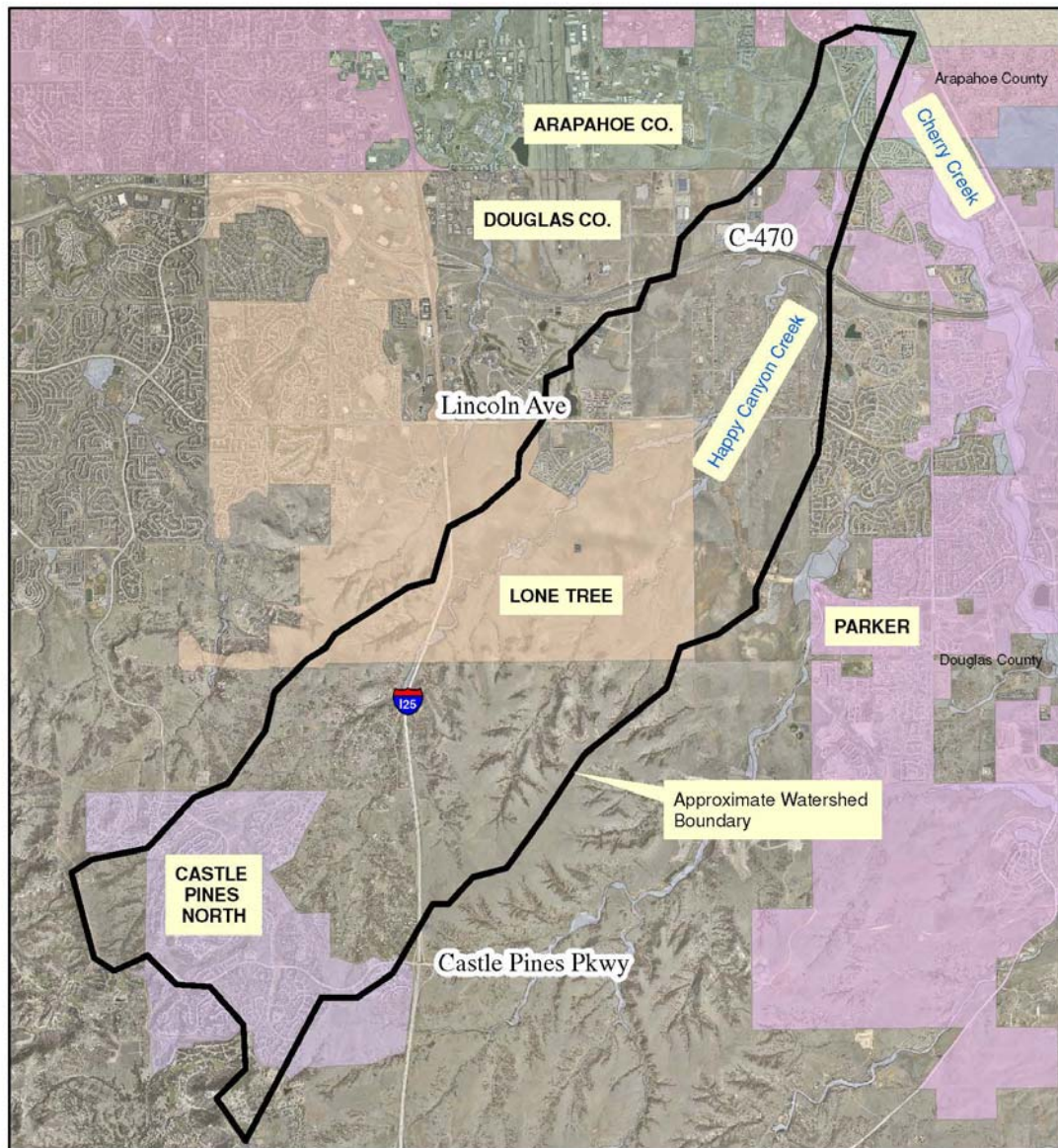
\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 34, SERIES OF 2014  
(Acceptance of Flood Hazard Area Delineation Report for Happy Canyon Creek)

**EXHIBIT A**





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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### BOARD OF DIRECTORS MEETING

Date: Thursday, September 18, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
4. **Approval of August 21, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization of Funds for New Accounting Software  
(Resolution No. 35, Series of 2014)
  - c. Amended Authorization to Agree in Writing to the Inclusion of Agricultural Land Located in the Proposed Aurora Conference Center Urban Renewal Plan  
(Resolution No. 36, Series of 2014)
  - d. Authorization for a Planning Study of Gregory Canyon Creek and Bear Canyon Creek  
(Resolution No. 37, Series of 2014)
  - e. Additional Authorization for a Planning Study of Boulder Creek  
(Resolution No. 38, Series of 2014)
  - f. Authorization to Participate in Drainage and Flood Control Improvements for an Access Trail along Happy Canyon Creek  
(Resolution No. 39, Series of 2014)
  - g. Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District  
(Resolution No. 40, Series of 2014)
  - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Hess Road  
(Resolution No. 41, Series of 2014)
  - i. Authorization to Participate in Drainage and Flood Control Improvements on Brantner Gulch at Riverdale Road  
(Resolution No. 42, Series of 2014)
  - j. Authorization to Participate in Drainage and Flood Control Improvements on Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue  
(Resolution No. 43, Series of 2014)
  - k. Acceptance of Flood Hazard Area Delineation Report for Coal Creek (East Yale Avenue to East County Line Road)  
(Resolution No. 44, Series of 2014)

6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required)*
7. **Reports/Discussion**
  - a. 2015 Draft Budget
  - b. Executive Director's Report
8. **Other Business**
  - a. Water Rights versus Water Quality Ponds – Update
  - b. "Waters of the U.S." – EPA Comments – Update
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, October 16, 2014**
10. **Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

August 21, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
George Karakehian, Mayor Pro Tem, City of Boulder  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Roth, Mayor Pro Tem, City of Aurora  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Nancy Sharpe, Commissioner, Arapahoe County  
Mary Beth Susman, Council Member, City/County of Denver  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Bruce Beckman, Mayor Pro Tem, City of Littleton  
Deb Gardner, Commissioner, Boulder County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Bob Murphy, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Charles (Chaz) Tedesco, Commissioner, Adams County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtous	Project Manager, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
David Mallory	Manager, Floodplain Management
Teresa Patterson	Project Engineer, Floodplain Management
Holly Piza	Senior Project Engineer, Master Planning
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Jim Kaiser                      City of Thornton

#### **How the Districts Works – Masterplan to Construction to Maintenance**

Mr. Hindman conducted a presentation entitled, Masterplan to Construction to Maintenance, for this month's How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Councilmember Lopez called the meeting to order at 1:00 p.m.

South Platte River at Weir Gulch

Before beginning the board agenda, Mr. Hindman wanted to take a moment to address the unfortunate loss of a toddler who drowned at the confluence of Weir Gulch and the South Platte River on Saturday, August 16, 2014. Councilmember Lopez also noted that this should be a reminder of the many risks that are present near bodies of water and to make sure our constituents are doing everything they can to create a safe environment for the public throughout the construction process and after.

2. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.

3. **Introductions**
  - a. **Visitors/Guests/Staff**  
There were no visitors or guests in attendance.

- b. **Awards/Recognitions**

Arapahoe County Stewardship Award

Mr. Hindman and Mr. Bennetts attended an award ceremony hosted by the Arapahoe County Open Space and Trails Advisory Board. Each year, Arapahoe County presents the County's *Our Progress Takes Flight Award* to an organization or individual that shows leadership, cooperation and stewardship to ensure the conservation and protection of the great outdoors. Unbeknownst to the District, the District had the honor of receiving the Stewardship Award from the County Commissioners including Commissioner Sharpe. Commissioner Sharpe added that Arapahoe County is appreciative of the work the District has done and the difference that it has made in their communities.

CASFM – Chapter of the Year Award

The Association of State Floodplain Managers (ASFPM) awarded Colorado (CASFM) the Chapter of the Year Award. The District has been very instrumental in helping build the Colorado chapter; several of our employees are not only members of CASFM but also hold key committee chair positions.

FEMA Technical Mapping Advisory Committee (TMAC)

The Federal Emergency Management Agency (FEMA) has selected Mr. David Mallory, Program Manager for our Floodplain Management Program, to serve on its Technical Mapping Advisory Council (TMAC). The council will be tasked with developing recommendations for FEMA's flood mapping program to ensure that flood insurance rate maps reflect the best available science and are based on the best available methodologies for considering the impact of future development on flood risk. The individuals selected to serve on this committee represent a broad range of expertise ranging from engineering to mapping disciplines. The District is excited to have Mr. Mallory representing local government and the District.

White House Innovation for Disaster Response and Recovery Initiative

Mr. Kevin Stewart, Program Manager for our Information Services and Flood Warning Program, was invited to the White House to participate in the White House Innovation for Disaster Response and Demo Day, held on July 29, 2014. This event brought together technologists, entrepreneurs, and members of the disaster response community to showcase tools that will make a tangible impact in the lives of individuals affected by large-scale emergencies. Mr. Stewart was also selected to participate in a small group workshop prior to the main event that focused on Predictive Analytics. The District is honored that Mr. Stewart was chosen to be a part of this initiative. It is no doubt attributed to the innovative work he's done on the flood warning system as well as the relationships he's cultivated throughout the disaster relief community.

4. **Board Approval of May 15, 2014 Meeting Minutes**  
Councilmember Lopez asked if there were any corrections to the May 15, 2014 minutes. Hearing none, the minutes were approved as submitted.



**5. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated July and August 2014 had been 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. Authorization to Invest District Funds in the Colorado Surplus Asset Fund Trust (Resolution No. 24, Series of 2014)**

Resolutions No. 24 and 25 authorize the District to pool its surplus funds with other local government entities by becoming a Participant in The Colorado Surplus Asset fund Trust (CSAFE) and the Colorado Local Government Liquid Asset Trust.

Pursuant to Part 7, Article 24 (C.R.S.), it is lawful for any Local Government to pool any funds, which are not immediately required to be disbursed, with the same such moneys of any other local government in order to take advantage of short-term investments and maximize net interest earnings.

These trusts provide better interest rates than the Certificates of Deposits (CD) and Treasury Bills we currently invest in. Mr. Hunter and Council Member Lehmann asked for clarification. Mr. Hindman noted that the amount of surplus funds vary monthly ranging from zero to over \$30 million. Also, the trust funds are not insured by the Federal government but are considered safe and conservative by many local governments.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 24 on the Consent Agenda.

**c. Authorization to Invest District Funds in the Colorado Local Government Liquid Asset Trust (Resolution No. 25, Series of 2014)**

Resolution No. 25, Authorization to Invest District Funds in the Colorado Local Government Liquid Asset Trust, was discussed under the previous resolution (Resolution No. 24).

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 25 on the Consent Agenda.

**d. Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall (Resolution No. 26, Series of 2014)**

This is a joint project with the City and County of Denver (CCD). CCD desires to design, acquire right-of-way, and construct improvements on River North Outfall in accordance with the "City and County of Denver Storm Drainage Master Plan," dated January 2009. The project includes a storm outfall for a portion of downtown Denver.

Easement and right-of-way acquisition will be included in the project costs. CCD is administering the design with Wilson and Company. The District and the CCD have identified \$1,250,000 in initial project costs for the design, right-of-way acquisition, and construction with the District's participation being \$625,000 in 2014 funds. Construction is anticipated in 2015.

Resolution No. 26 authorizes \$625,000 of District funds from the Special Revenue Fund - Construction to at least be matched by CCD 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. 26 on the Consent Agenda.

**e. Authorization to Participate in Drainage and Flood Control Improvements on Weir Gulch from Sheridan Boulevard to Hooker Street (Resolution No. 27, Series of 2014)**

This is a joint project with CCD. CCD desires to design, acquire right-of-way, and construct improvements along Weir Gulch from Sheridan Boulevard to Hooker Street in accordance with the "Weir Gulch Major Drainageway Planning Study, anticipated for completion in 2015. The project includes improvements to the stream bank and stream bed. The stream improvements will remove structures from the floodplain.

The District is administering the design with ICON Engineering. Easement and right-of-way acquisition will be included in the project costs. Construction is anticipated in 2016.

The District and the City and County of Denver have identified \$1,450,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$725,000 in 2014 funds.

Resolution No. 27 authorizes \$725,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 27 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive (Resolution No. 28, Series of 2014)**

This is a joint project with Southeast Metro Stormwater Authority (SEMSWA) and the Cherry Creek Basin Water Quality Authority (CCBWQA). CH2M Hill has been selected to design the project under contract with the District. The drainage elements of the project include channel restoration including bank protection and drop structures. Easement and right-of-way acquisition is included in the project costs. The District, SEMSWA, and CCBWQA desire to set aside funds needed to design and construct the improvements which will be managed by the District

The District, SEMSWA, and CCBWQA have identified \$5,741,000 in total project costs with the District's participation being \$2,683,000. The previous authorizations (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; Resolution No. 27, Series of 2011; Resolution No. 46, Series 2013; and Resolution No. 23, Series 2014) totaled \$2,508,000 to fund design and to partially fund acquisition of right-of-way and construction. Construction is anticipated to begin in 2015.

Resolution No. 28 authorizes an additional \$175,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA and CCBWQA 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. 28 on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms (Resolution No. 29, Series of 2014)**

This is a joint project with the Town of Parker and CCBWQA. Olsson Associates designed the project under contract with the District. The drainage elements of the project include installation of drop structures and bank improvements. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District, the Town of Parker, and CCBWQA desire to construct the improvements which will be managed by Olsson Associates.

The District, the Town of Parker, and CCBWQA have identified \$715,000 in total project costs with the District's participation being \$220,000. The previous authorization, Resolution No. 9, Series of 2013 totaled \$70,000 to fund design and to partially fund construction. Construction is anticipated in 2015.

Resolution No. 29 authorizes an additional \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Parker and CCBWQA for the design 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. 29 on the Consent Agenda.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Arvada Channel (Resolution No. 30, Series of 2014)**

This is a joint project with the City of Wheat Ridge and the Regional Transportation District (RTD). In 2008, the City of Wheat Ridge requested District participation in the design and construction of drainage and flood control improvements along the Arvada Channel from Miller Street to Oak Street.

The City of Wheat Ridge and the District hired Muller Engineering to design the improvements in accordance with the joint planning study titled "Outfall Systems Planning, Columbine Basin" dated December 1994. The design was completed in 2009 and the necessary right-of-way to construct the improvements was acquired from the State of Colorado Board of Land Commissioners. Construction was not anticipated for several years due to lack of adequate construction funding.

The Arvada Channel Reach (Miller Street to Oak Street) is the missing connection between the upstream Ridge Road Tributary Outfall and the existing Arvada Channel storm sewer downstream of Miller Street. With the recent completion of the upstream Ridge Road Tributary Outfall and detention pond, the RTD proposed to construct a 60" RCP for this reach. RTD needs this connection to adequately drain the impacts caused by the FasTracks Gold Line construction; however, the proposed 60" RCP would not handle the recommended OSP flows.

The District and the City of Wheat Ridge approached RTD about upsizing their interim storm sewer to handle the recommended OSP flows. This equated to an 8ft x 6ft CBC at an estimated increase in cost from \$1,500,000 to \$2,000,000. RTD agreed to construct the OSP pipe if the District/Wheat Ridge could fund the \$500,000 increase.

The District and the City of Wheat Ridge have identified \$2,000,000 in total project costs for construction, with the District's participation being \$500,000 in 2014 funds. Construction will be managed by RTD and is anticipated to begin this fall. The District will employ Muller Engineering to provide construction engineering services. The City of Wheat Ridge will ultimately own the improvements and will be responsible for all future maintenance.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 30 on the Consent Agenda.

**i. Acceptance of Box Elder Creek Planning Study  
(Resolution No. 31, Series of 2014)**

Resolution No. 29 of 2012 authorized a major drainageway planning study for Box Elder Creek downstream of Jewell Avenue, for which the District partnered with the City of Aurora, Adams County, the City and County of Denver (DIA), Arapahoe County, and SEMSWA.

The study area is approximately 96 square miles in area and is mostly undeveloped land. Bear Gulch and Coyote Run are tributaries to Box Elder Creek; their entire watersheds are included in the project area.

Improvements recommended in the study include:

- Floodplain preservation to limit future development from encroaching on the natural 100-year floodplain
- Regional detention ponds to reduce peak flows in the mainstems
- Naturalized channel improvements to contain split flows and reduce flood risk to insurable properties
- Increased capacity roadway crossings to prevent overtopping
- Identification of crossing structures required for future transportation plans
- Identification of strategic locations for regional water quality ponds to serve future development
- Check structures to prevent vertical degradation
- Bank stabilization to prevent lateral migration

There are currently 16 residential buildings identified in the 100-year floodplain; the improvements will remove 14 of the structures from the floodplain. The total cost of improvements recommended in the study is approximately \$383 million, most of which will be implemented with development.

Resolution No. 31 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 31 on the Consent Agenda.

**j. Acceptance of Lower East Toll Gate Creek Planning Study  
(Resolution No. 32, Series of 2014)**

Resolution No. 37 of 2010 authorized a major drainageway planning study for Toll Gate Creek and East Toll Gate Creek downstream of Hampden Avenue, for which the District partnered with the City of Aurora and Buckley Air Force Base.

Improvements recommended in the study include:

- Floodplain preservation to limit future development from encroaching on the natural 100-year floodplain
- Naturalized channel improvements to contain split flows and reduce flood risk to insurable properties
- Bank stabilization
- Increased capacity roadway crossings to prevent overtopping

There are currently 12 properties identified in the 100-year floodplain, the improvements will remove all 12 structures from the floodplain. Buckley Air Force Base is currently in negotiations with local governments to conduct a land swap that will get most of the air force base outside of the creek.

Resolution No. 32 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 32 on the Consent Agenda.

**k. Authorization for a Planning Study of Niver Creek  
(Resolution No. 33, Series of 2014)**

In 2012, the City of Thornton requested a master plan update for Niver Creek and all tributaries. The watershed was last studied in 1997 with an addendum in 1999 for a portion of the area within Federal Heights, leaving a gap between the 1997 and 1999 study areas. The City of Federal Heights and Adams County have agreed to participate in this update so the entire watershed will be covered and the gap eliminated. There are sections of the tributaries that do not have mapped floodplains, which will be fixed with the FHAD associated with the master plan update.

The current floodplain model does not properly reflect the actual flood routing of the Niver Creek detention basin north of 88<sup>th</sup> Avenue and west of I-25, this study will update that model. The intent of this update is to reduce peak flows in areas where severe, recurring flooding risk exists, to provide a detailed floodplain delineation for the mainstem and all tributaries that can be regulated by the local governments, and to stabilize the creeks where there is degradation.

The total master planning and FHAD costs are projected to be \$200,000 and \$50,000, respectively. The local sponsors will contribute \$100,000 and this Resolution authorizes the expenditure of the District's share not to exceed \$150,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 33 on the Consent Agenda.

**l. Acceptance of Flood Hazard Area Delineation Report for Happy Canyon Creek  
(Resolution No. 34, Series of 2014)**

This is a Flood Hazard Area Delineation Report (FHAD) for Happy Canyon Creek located in Arapahoe and Douglas counties. Resolution No. 34 accepts the FHAD dated July 2014, recommends that the City of Lone Tree, Douglas County, Arapahoe County, Town of Parker, City of Castle Pines, and SEMSWA adopt the report and regulate the 100-year floodplains defined in the report.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 34 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, and 34 Series of 2014, and Cash Disbursements dated July and August 2014 be placed on the Consent Agenda. Mayor Heidi Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**8. Other Business**

**a. Water Rights versus Water Quality Ponds – Update**

As previously brought to the Board's attention, the State Engineer has circulated a memorandum acknowledging and allowing detention and infiltration of urban runoff on individual sites for the purpose of stormwater management. The issue with this position is that Colorado communities have been implementing detention and infiltration of stormwater both on individual and regional sites for decades. The District has been working with the State Engineer in hopes to extend the administrative allowance for regional or watershed-scale stormwater detention. This effort has been unsuccessful and our next course of action is to seek a legislative solution.

Mr. MacKenzie has assembled a task force made up of several local cities, counties, and organizations that will join the District in lobbying our state lawmakers to protect the District's and other governmental entities' ability to provide flood protection and clean water to the citizens of Colorado. The impact of regional stormwater detention on water rights is de minimus and an appeal needs to be made to the state legislature to have the State Engineer's changed.

This effort will require funding. We were able to identify funds in our 2014 budgets for this year's efforts; however, the Board will be seeing a line item in the 2015 budget for legislative lobbying.

The District has developed an Executive Summary, Water Rights and Regional Stormwater Detention, which is located on our website:

[http://udfcd.org/recent\\_news/pdf/UDFCD\\_Executive\\_Summary\\_on\\_Water\\_Rights\\_and\\_Regional\\_Detention.pdf](http://udfcd.org/recent_news/pdf/UDFCD_Executive_Summary_on_Water_Rights_and_Regional_Detention.pdf)

**b. Waters of the U.S. – EPA comments**

As discussed at the May Board meeting, the 'Waters of the U.S.', proposed rulemaking by EPA and the Corps of Engineers will cause more waters to fall under this category. This will become an issue that will affect all local governments (i.e. additional work, longer permitting delays, and higher costs to the communities). At the May meeting, the Board directed the District to develop and submit comments on the proposed ruling, before the October 20th deadline. The comments have been drafted and posted to our website at:

[http://udfcd.org/recent\\_news/pdf/UDFCD\\_Comments\\_on\\_Waters\\_of\\_the\\_U.S.\\_Rulemaking.pdf](http://udfcd.org/recent_news/pdf/UDFCD_Comments_on_Waters_of_the_U.S._Rulemaking.pdf)

Wright Water Engineers has also prepared a brief summary on the proposed ruling and is posted on our website at:

[http://udfcd.org/recent\\_news/pdf/Proposed\\_Rule\\_White\\_Paper\\_6-12-14.pdf](http://udfcd.org/recent_news/pdf/Proposed_Rule_White_Paper_6-12-14.pdf)

The Board was asked to review the comments and provide edits before the next Board meeting, taking place on September 18th. Once edits are addressed, the comments will be submitted.

**c. Accounting Software**

The District is in the process of reviewing proposals for a new accounting software system. Three software companies have been requested to provide proposals and software demonstrations. The intent is to have recommended software to present to the Board at the September meeting. The initial cost of the software will be in the range of \$60,000 to \$90,000 with annual maintenance costs being 25% of the initial cost.

**9. Announcements**

The next board meeting will take place on Thursday, September 18, 2014.

**10. Adjournment**

Councilmember Lopez adjourned the meeting at 2:20 pm.

# Executive Director's Report

August 21, 2014

## ADMINISTRATIVE

I have started holding semi-annual meetings comprised of the principal or manager of each of our key consultants. We currently have seven companies that do a large portion of our work and the goal of these meetings is to provide a platform for open dialogue on current issues, ideas, or business practices that can be mutually beneficial. One of the topics generated from the first meeting included recommendations to the liability and insurance language in our standard contract. The minor modifications would still keep The District's interests intact while helping their corporate attorneys breathe a little easier.

## PROGRAM

**Design and Construction:** DCM has implemented the new Project Partners Approach on several projects which are currently at various stages of completion. The Project Partners Approach was introduced to the Board last year and since its implementation, has proven to be a huge success, especially in today's construction climate of rising prices and additional regulation. The Project Partners Approach begins a project by building a team consisting of a consultant and a contractor, along with the District's and local government's manager. Then to complete the construction project, a goal-based approach is used instead of the traditional lowest-bid approach.

**Flood Warning:** This has been a wet year but, thankfully, we haven't had any major flooding. We continue to keep a diligent watch on the weather as well as make upgrades to our system so local governments can have the most up-to-date information in an understandable format. Any feedback from your staff, good or bad, is appreciated.

**Finance:** Terri Schafer and I attended the Government Finance Officers Association (GFOA) conference in May where we had the chance to screen several types of accounting software. Three companies were asked to provide proposals. We are currently in the interview process, which includes a demonstration of the software. The demos will be attended by all the managers so they can see if it will meet their project management needs. Our intent is to have a recommended software to present to the Board at the September meeting. The initial cost will be in the range of \$60,000 to \$90,000 with annual maintenance costs being about 25% of the initial cost. Our staff is very excited about getting a new system to replace the legacy one that's been in place since 1986.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Government:** The big item is the State Engineer requiring a water right for detention ponds. A full briefing will be given during the Board meeting, including the recommendation to go forward with new legislation during the 2015 State session to clear up this issue. A memorandum on this issue can be found at: [http://udfcd.org/recent\\_news/pdf/UDFCD\\_Executive\\_Summary\\_on\\_Water\\_Rights\\_and\\_Regional\\_Detention.pdf](http://udfcd.org/recent_news/pdf/UDFCD_Executive_Summary_on_Water_Rights_and_Regional_Detention.pdf).

**Federal:** As discussed at the May Board meeting, the "Waters of the U.S.", as defined by the EPA and the Corps of Engineers, is an issue that will affect all local governments in a variety of ways. Per the Boards request, comments were developed and submitted to EPA on behalf of the Board. Our comments can be found at: [http://udfcd.org/recent\\_news/pdf/UDFCD\\_Comments\\_on\\_Waters\\_of\\_the\\_U.S.\\_Rulemaking.pdf](http://udfcd.org/recent_news/pdf/UDFCD_Comments_on_Waters_of_the_U.S._Rulemaking.pdf).

## PERSONAL

I hope your summer has been a good one. Claudia and I have enjoyed visiting our grandson as well as biking across Kansas. Okay, maybe we enjoyed our grandson more than spending seven days on a bike seat in the wind, rain, and hot sun. Last week, my daughter and her husband bought their first house in Stillwater and we were able to spend a few days helping them move in. Yes there was painting, there is always painting when you buy a new house. Enjoy the rest of your summer, I know we will.







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 35, SERIES OF 2014  
(Authorization of Funds for New Accounting Software)

WHEREAS, the District acquired its initial Prime computer for the accounting system in 1985 including both hardware and software; and

WHEREAS, in 1999, the Board authorized expenditures to upgrade the Prime computer by replacing it with a later model unit in order to become Year 2000 compatible; and

WHEREAS, the Prime hardware and corresponding operating system have become obsolete, parts and maintenance on the system are becoming increasingly difficult to obtain, trained computer service technicians are difficult to locate, and there is no longer a technology migration path for the Prime system; and

WHEREAS, the District requires a robust electronic accounting system to adequately meet our accounting needs; and

WHEREAS, the estimated cost to replace the existing Prime system and convert the custom accounting system software is \$100,000; and

WHEREAS, the conversion of the accounting system and purchase of new computer equipment for accounting is planned for implementation in 2014; and

WHEREAS, there are sufficient funds in the 2014 budget for initiating conversion of the accounting system and purchase of new accounting software and equipment.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with qualified accounting software company, and others as necessary for maintenance and development of an electronic accounting system
2. The costs of these services shall not exceed \$100,000.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2014  
(Amended Authorization to Agree in Writing to the Inclusion of Agricultural Land Located  
in the Proposed Aurora Conference Center Urban Renewal Plan)

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District (District) adopted by way of Resolution No. 38, Series of 2011, a policy in regard to its agreement to the inclusion of agricultural land within an urban renewal area; and

WHEREAS, the District adopted by way of Resolution No. 44, Series of 2011, authorization to agree in writing to the inclusion of agricultural land in the proposed Aurora Conference Center Urban Renewal Plan in a letter dated August 18, 2011 (see Exhibit A); and

WHEREAS, under the terms of the August 18, 2011 letter, the City of Aurora agreed that the District's consent shall expire by its own terms if the project contemplated by the Aurora Conference Center Urban Renewal Plan is not under construction by January 1, 2015; and

WHEREAS, the District acknowledges that the construction of the project has been delayed by circumstances beyond the control of the City, the Aurora Urban Renewal Authority, and the project developer and as such, the District understands the City's need to request a reasonable extension of the deadline; and

WHEREAS, the District and the City of Aurora agree that the District's consent to the inclusion of agricultural property within the Aurora Conference Center Urban Renewal shall only expire if the project is not under construction by January 1, 2018; and

WHEREAS, the District has prepared a letter to the Mayor of the City of Aurora setting forth the terms of the District's agreement with the City (see Exhibit B); and

WHEREAS, the attached Exhibit "B" letter, in order for the District's approval to be binding, requires the acknowledgement and agreement of the City of Aurora.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District is authorized, to execute the attached Exhibit "B" letter and forward it to Stephen D. Hogan, Mayor of the City of Aurora.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

Paul A. Hindman, Executive Director  
2480 West 6th Avenue, Suite 156B  
Denver, CO 80211-5304

Telephone 303-455-6277  
Fax 303-455-7880  
www.udfcd.org

August 18, 2011

Edward J. Tauer, Mayor  
City of Aurora  
15151 E. Alameda Parkway  
Aurora, CO 80012

Dear Mayor Tauer:

This letter is provided at your request, pursuant to 31-25-107(1)(c) (II) (D) C.R.S., that requires each public body that imposes property taxes on agricultural property consent in writing to the inclusion of agricultural property within a proposed urban renewal area.

The Urban Drainage and Flood Control District (District) is in receipt of a copy of the proposed Aurora Conference Center Urban Renewal Plan (Plan) dated August 3, 2011, which we understand the City of Aurora City Council will consider for adoption at a hearing scheduled to be held at the regular meeting place of the City Council at 7:30 p.m., August 22, 2011. The property included in the area covered by the Plan includes agricultural land within the meaning of 31-25-103(1) C.R.S. upon which the District imposes a property tax.

The District hereby agrees to the inclusion of such agricultural land within the urban renewal area and consents to the provisions of the Plan, including without limitation those provisions providing for the timing and other terms of the proposed division of taxes collected within the urban renewal area. The District specifically acknowledges that under the Plan such division of taxes would take effect, with respect to the District for a period of twenty-five (25) years beginning on the later of January 1, 2013, if the project is then under construction, or such later date as the City of Aurora (City) and Gaylord Entertainment Company certify that construction has commenced.

In addition to the Plan, the City hereby agrees to:

- require the development meet all applicable guidance contained in the District's Urban Storm Drainage Criteria Manuals
- assure that the project is in conformance with any relevant adopted District local government major drainageway master plans or outfall systems plans,
- assure that the project meets the minimum standards of the Colorado Water Conservation Board and or the National Flood Insurance Program, and
- comply with Resolution No. 26, Series of 1983, "Reaffirming District Approval of Facilities Constructed by Others as a Condition of District Maintenance Support" for any drainage and flood control facilities constructed by the development.

The City also agrees that:

- Should the City request District maintenance assistance, maintenance shall be limited to routine activities such as mowing and debris removal,
- District shall not provide maintenance services above routine activities,
- Additional District maintenance assistance shall be available following the twenty-five (25) year period referenced above, and
- This written consent shall expire by its own terms if the project is not under construction by January 1, 2015.

Respectfully,

Paul A. Hindman, Executive Director  
Urban Drainage and Flood Control District

ACKNOWLEDGED AND AGREED:

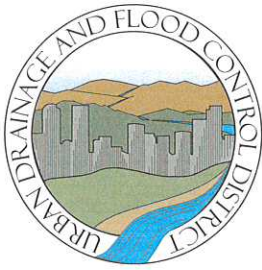
Mayor, City of Aurora

8/18/11

Date

cc: Michael J. Hyman, Assistant City Attorney  
Ed Krisor, Attorney

*Working with you since 1969*



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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Paul A. Hindman, Executive Director  
2480 W. 26th Avenue, Suite 156B  
Denver, CO 80211-5304

Telephone 303-455-6277  
Fax 303-455-7880  
[www.udfcd.org](http://www.udfcd.org)

September 18, 2014

Mr. Stephen D. Hogan, Mayor  
City of Aurora  
15151 E. Alameda Parkway  
Aurora, CO 80012

Dear Mayor Hogan,

This letter is provided at your request, as an amendment to that certain letter from the Executive Director of the Urban Drainage and Flood Control District ("District") to the Mayor of the City of Aurora ("City") dated August 18, 2011. That letter memorialized the consent of the District to the inclusion of agricultural property by the City within the Aurora Conference Center Urban Renewal Area pursuant to the authority granted by Section 31-25-107(1)(c)(II)(D), C.R.S. Under the terms of the letter, the City agreed that the District's consent shall expire by its own terms if the project contemplated by the Aurora Conference Center Urban Renewal Plan (i.e., the Gaylord Rockies Hotel and Conference Center) is not under construction by January 1, 2015.

The District acknowledges that the construction of the project has been delayed by circumstances beyond the control of the City, the Aurora Urban Renewal Authority, and the project developer. As such, the District understands the need of the City to request a reasonable extension of the deadline imposed by the August 18, 2011 letter. Accordingly, the District and the City agree that the District's consent to the inclusion of agricultural property within the Aurora Conference Center Urban Renewal Area shall only expire if the project is not under construction by January 1, 2018.

Respectfully,

ACKNOWLEDGED AND AGREED:

Paul A. Hindman, Executive Director  
Urban Drainage and Flood Control District

---

Stephen D. Hogan, Mayor  
Mayor, City of Aurora

---

Date

cc: Michael J. Hyman, Interim City Attorney  
Ed Krisor, Attorney



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 37, SERIES OF 2014

(Authorization for a Planning Study of Gregory Canyon Creek and Bear Canyon Creek)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Boulder has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013), which includes master planning; and

WHEREAS, the Board wishes to cooperate with the City of Boulder in the identification of solutions to stormwater drainage and flood control management problems for Gregory Canyon Creek and Bear Canyon Creek (Exhibit A); and

WHEREAS, the City of Boulder has expressed a desire to participate in a study leading to a mitigation plan for Gregory Canyon Creek and Bear Canyon Creek and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$150,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$75,000
<u>Boulder</u>	<u>\$75,000</u>
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Boulder to fund the required engineering and mapping services for the Gregory Canyon Creek and Bear Canyon Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$150,000 and the District's share of total costs shall not exceed \$75,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Boulder.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 37, SERIES OF 2014

(Authorization for a Planning Study of Gregory Canyon Creek and Bear Canyon Creek)

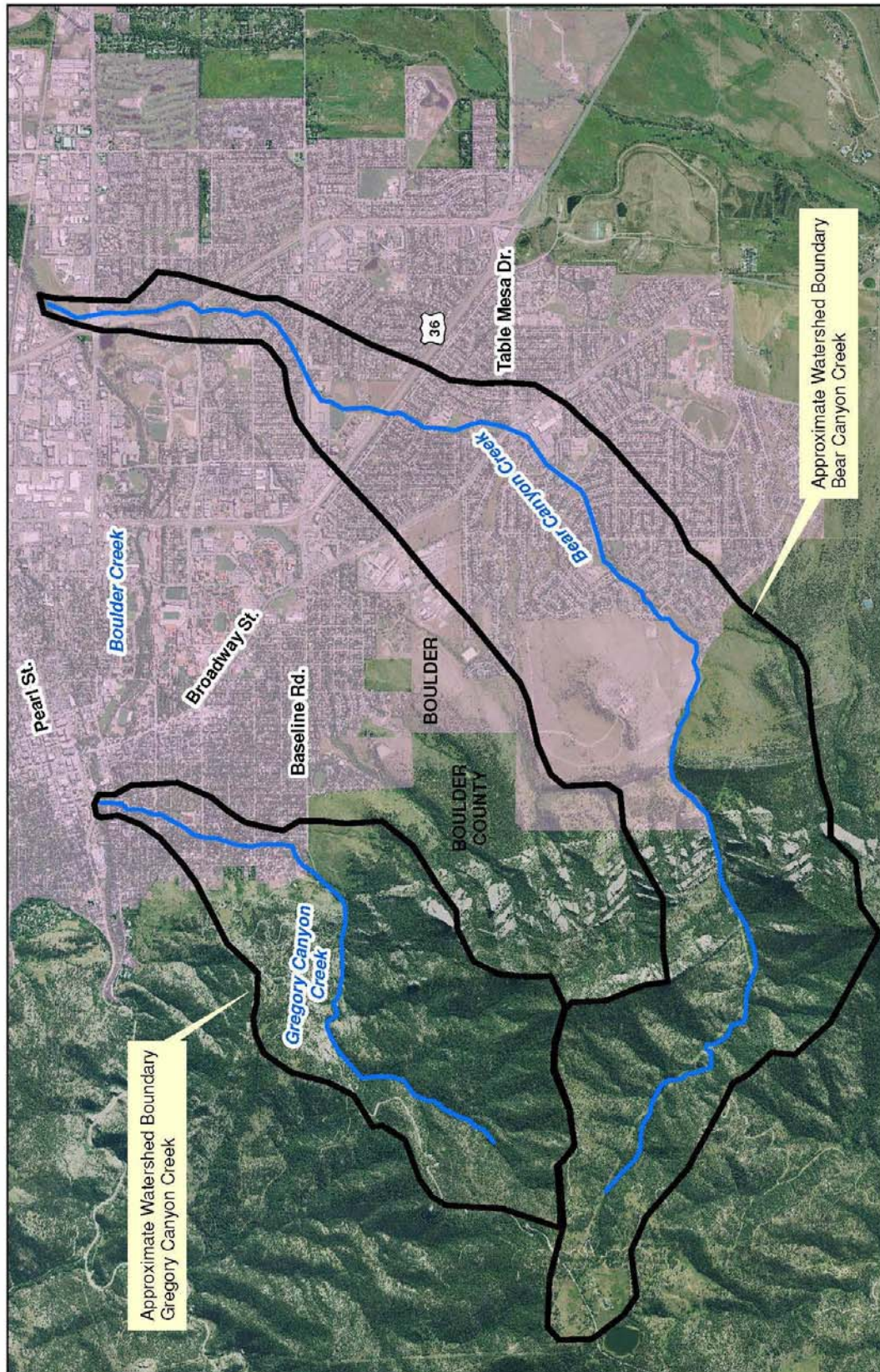


EXHIBIT A  
Gregory Canyon Creek and Bear Canyon Creek  
Major Drainage Plan  
Approximate Study Limits  
September 2014



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 38, SERIES OF 2014

(Additional Authorization for a Planning Study of Boulder Creek)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Boulder has enacted floodplain regulations; and

WHEREAS, the Board previously authorized participation with the City of Boulder in the identification of solutions to stormwater drainage and flood control management problems for Boulder Creek (Exhibit A) leading to a master plan (Resolution 36, Series of 2013); and

WHEREAS, Boulder County and the City of Longmont have expressed a desire to also participate in the study and to extend the limits of the study from Fourmile Creek to St. Vrain Creek (Exhibit B); and

WHEREAS, the Colorado Water Conservation Board (CWCB) has committed \$55,000 to the District for use in a drainageway master planning study for Boulder Creek from Fourmile Creek to St. Vrain Creek; and

WHEREAS, the cost of engineering and mapping services for master planning is now estimated to be \$250,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$110,000
CWCB	\$55,000
Boulder	\$33,000
Boulder County	\$47,000
<u>Longmont</u>	<u>\$5,000</u>
TOTAL	\$250,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Boulder County and the City of Longmont to fund the additional required engineering and mapping services for the Boulder Creek planning study.
2. Resolution 36, Series of 2013, Paragraph 3, is further amended as follows: "The expenditures for the consulting and mapping services are estimated at ~~\$150,000~~ **\$250,000** and the District's share of total costs shall not exceed ~~\$75,000~~ **\$110,000** plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be matched by the City of Boulder, Boulder County and the City of Longmont.
3. All other conditions and authorizations remain as stated in Resolution 36, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

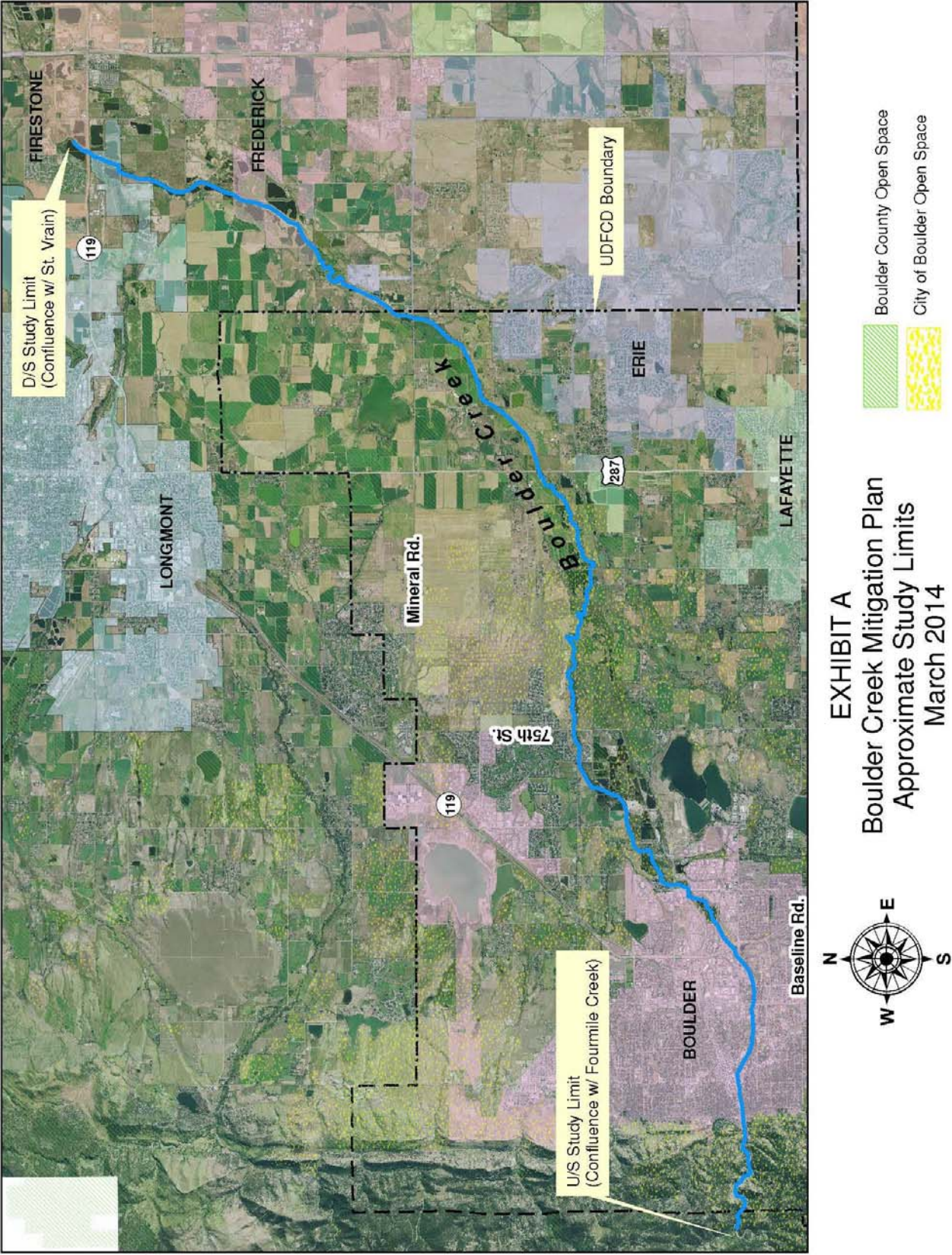
\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

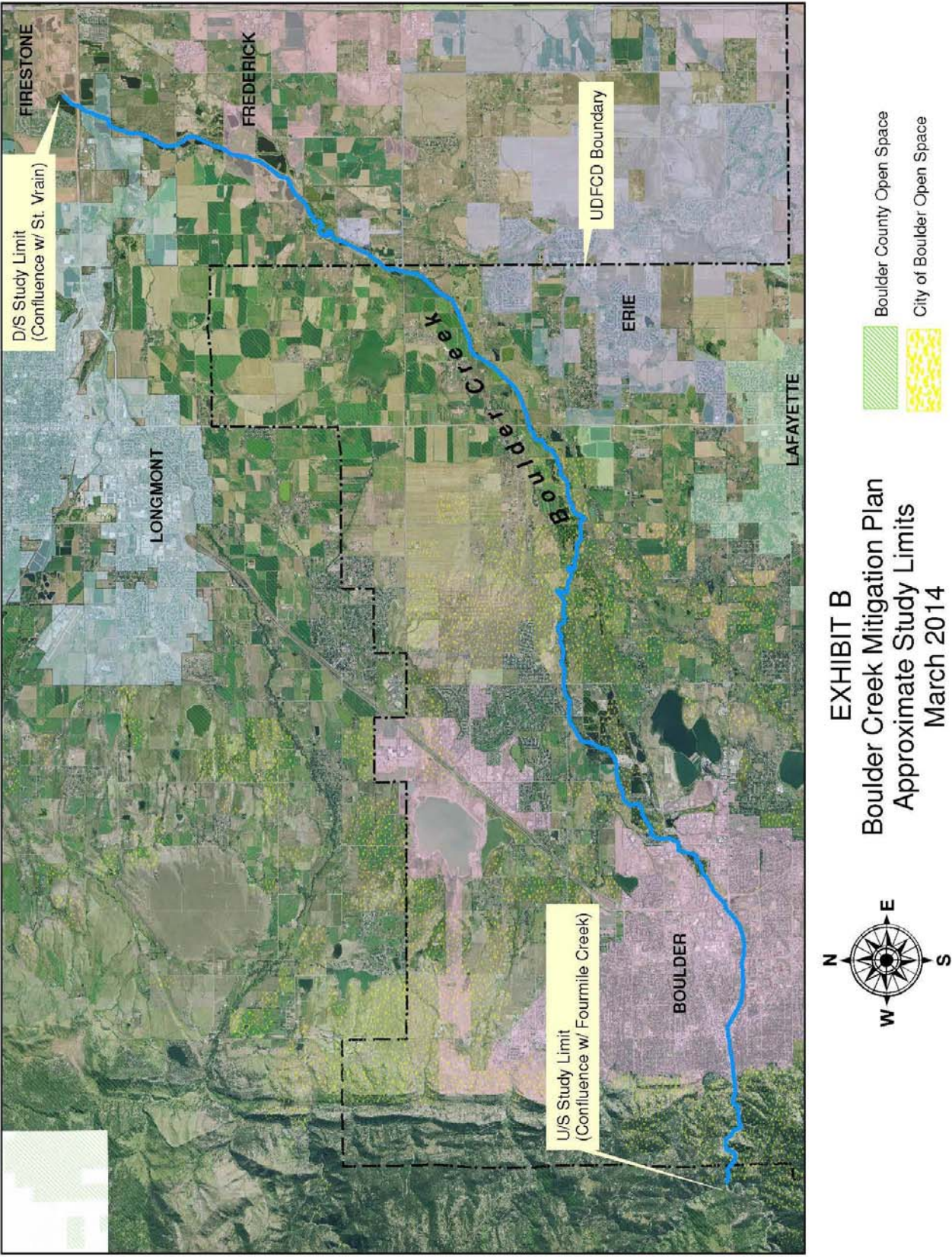
RESOLUTION NO. 38, SERIES OF 2014  
(Additional Authorization for a Planning Study of Boulder Creek)





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 38, SERIES OF 2014  
(Additional Authorization for a Planning Study of Boulder Creek)



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 39, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
for an Access Trail along Happy Canyon Creek, Douglas County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Happy Canyon Creek Major Drainageway Plan Report," dated March 2014; and

WHEREAS, Douglas County has requested District participation in the design, acquisition of right-of-way, and construction of improvements for an access trail at Happy Canyon Creek across I-25 (Exhibit A); and

WHEREAS, Douglas County has estimated the total project costs to be \$80,000; and

WHEREAS, the District's participation being authorized by this resolution is \$40,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements for an access trail at Happy Canyon Creek; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements for an access trail at Happy Canyon Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements for an access trail at Happy Canyon Creek.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements for an access trail at Happy Canyon Creek.
3. The District's maximum contribution to the Access Trail at Happy Canyon Creek project, without prior approval of the Board, shall be \$40,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Access Trail at Happy Canyon Creek project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 39, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
For an Access Trail along Happy Canyon Creek, Douglas County)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 40, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Big Dry Creek Arapahoe and Tributaries Master Drainageway Plan Phase B," dated 1998; and

WHEREAS, Highlands Ranch Metro District has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Big Dry Creek at Cheese Ranch (Exhibit A); and

WHEREAS, Highlands Ranch Metro District has estimated the total project costs to be \$730,000; and

WHEREAS, the District's participation being authorized by this resolution is \$365,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Big Dry Creek at Cheese Ranch; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Big Dry Creek at Cheese Ranch were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Highlands Ranch Metro District for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Big Dry Creek at Cheese Ranch.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Big Dry Creek at Cheese Ranch.
3. The District's maximum contribution to the Big Dry Creek at Cheese Ranch project, without prior approval of the Board, shall be \$365,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Highlands Ranch Metro District.
4. Such approval for expenditure of District funds is contingent upon Highlands Ranch Metro District agreeing to regulate and control any defined floodplain in the Big Dry Creek at Cheese Ranch project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

(Authorization to Participate in Drainage and Flood Control Improvements  
on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas County)

This aerial map shows the Big Dry Creek area. A dashed line indicates the project limits, with a white arrow pointing to it from a label 'Project limits'. A yellow box labeled 'C 470' is located near the top. A yellow box labeled 'S University Blvd' is located near the bottom. A white box labeled 'Big Dry Creek' is oriented vertically in the center. A compass rose is in the top right corner. Various streets are labeled, including E County Line Rd, E Skyline Ln, E Mountain Blvd, and S University Blvd.



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Cherry Creek at Hess Road in Douglas County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No.11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County and the Town of Parker have enacted floodplain regulations; and

WHEREAS, Arapahoe County, Aurora, Centennial, Parker, Douglas County and the District cooperated in the preparation of "Cherry Creek Reservoir to Scott Road Major Drainageway Planning Preliminary Report" dated January 2004; and

WHEREAS, the Board previously authorized (Resolution No. 64, Series of 2010, Resolution No. 79, Series of 2010, and Resolution No. 24 Series of 2012) \$960,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Hess Road (Exhibit A); and

WHEREAS, Douglas County, the Town of Parker, Cherry Creek Basin Water Quality Authority, and the District now desire to construct improvements along Cherry Creek at Hess Road; and

WHEREAS, Douglas County, Town of Parker, and Cherry Creek Basin Water Quality Authority have estimated the additional project costs to be \$50,000 resulting in a revised total project cost of \$2,080,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$50,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek at Hess Road in Douglas County; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 54, Series of 2013) in which the improvements along Cherry Creek at Hess Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 64, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek at Hess Road in Douglas County project without prior approval of the Board shall be ~~\$960,000~~ **\$1,010,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 64, Series of 2010.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

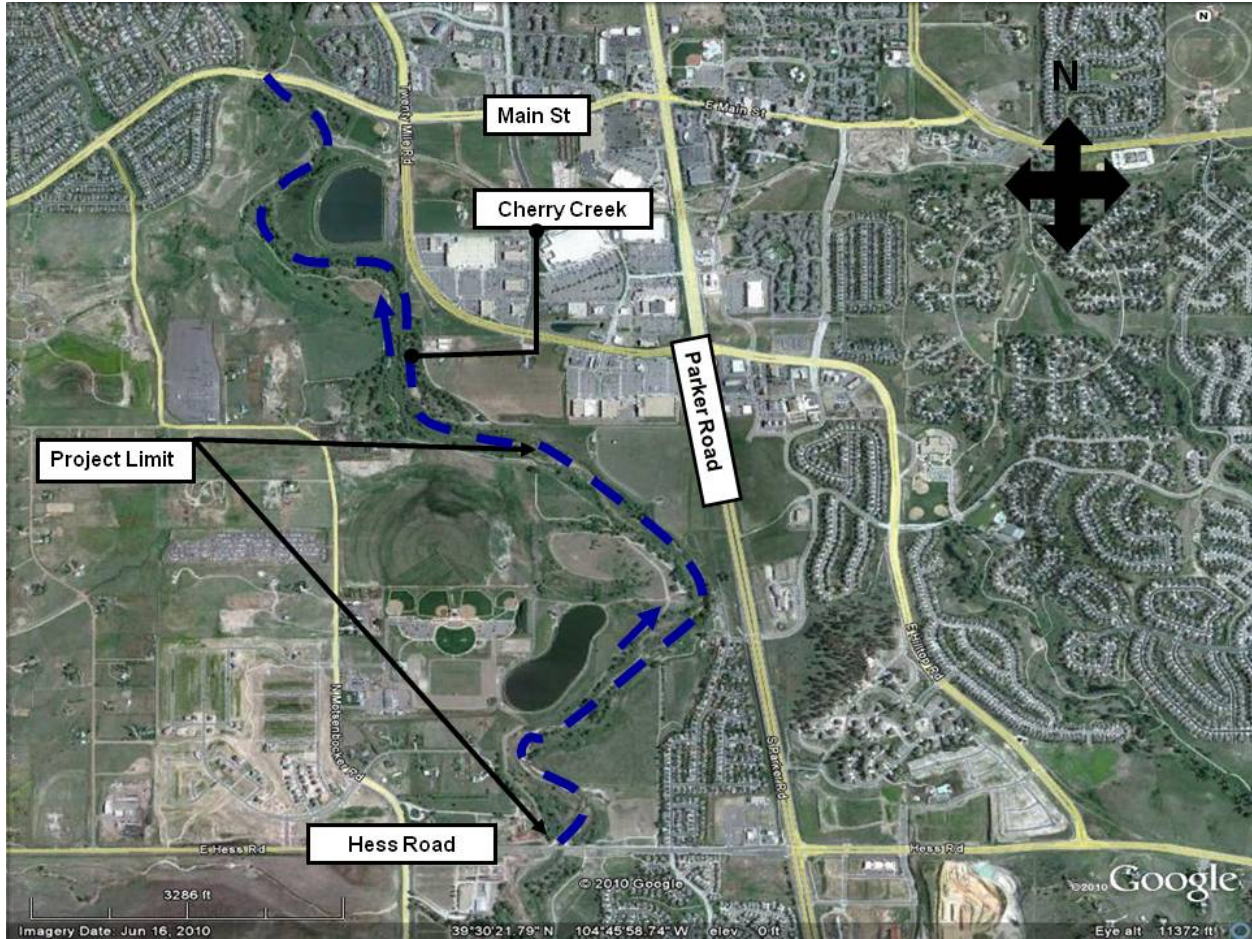
\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2014  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Cherry Creek at Hess Road in Douglas County)

EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 42, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Brantner Gulch at Riverdale Road, Adams County)

WHEREAS, the District in a policy statement previously adopted, (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Adams County has enacted floodplain regulations; and

WHEREAS, Adams County and the District cooperated in the preparation of "Lower Brantner Gulch Major Drainageway Planning Update Preliminary Design – Phase B Report" dated January 2005; and

WHEREAS, Adams County has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Brantner Gulch at Riverdale Road (Exhibit A); and

WHEREAS, Adams County has estimated the total project costs to be \$ 1,655,000; and

WHEREAS, the District's participation being authorized by this resolution is \$150,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Brantner Gulch at Riverdale Road; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Adams County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Brantner Gulch at Riverdale Road.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Brantner Gulch at Riverdale Road.
3. The District's maximum contribution to the Brantner Gulch at Riverdale Road project, without prior approval of the Board, shall be \$150,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County.
4. Such approval for expenditure of District funds is contingent upon Adams County agreeing to regulate and control any defined floodplain in the Brantner Gulch at Riverdale Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

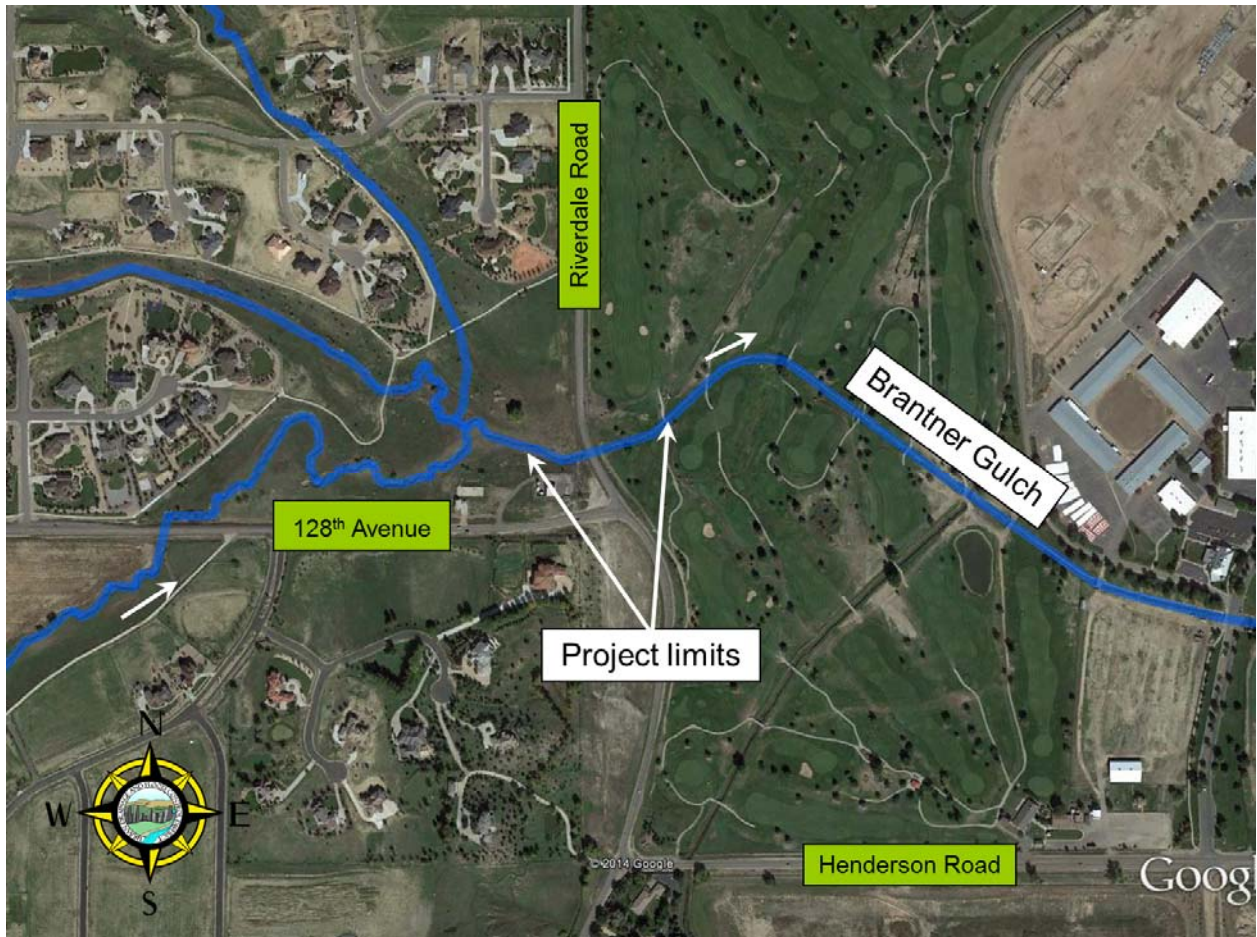


THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Brantner Gulch at Riverdale Road, Adams County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 43, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue, City of Arvada, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Arvada has enacted floodplain regulations; and

WHEREAS, the City of Arvada and the District cooperated in the preparation of "Leyden Creek Major Drainageway Plan" anticipated for completion in 2014; and

WHEREAS, the City of Arvada has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue (Exhibit A); and

WHEREAS, the City of Arvada has estimated the total project costs to be \$800,000; and

WHEREAS, the District's participation being authorized by this resolution is \$400,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 53, Series of 2013) for calendar year 2014, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 54, Series of 2013) in which the improvements along Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Arvada for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue.
3. The District's maximum contribution to the Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue project, without prior approval of the Board, shall be \$400,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Arvada.
4. Such approval for expenditure of District funds is contingent upon the City of Arvada agreeing to regulate and control any defined floodplain in the Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

RESOLUTION NO. 43, SERIES OF 2014  
(Authorization to Participate in Drainage and Flood Control Improvements  
on Leyden Creek from Indiana Street to 72<sup>nd</sup> Avenue, City of Arvada, Jefferson County)

[illegible]



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 44, SERIES OF 2014  
(Acceptance of Flood Hazard Area Delineation Report for  
Coal Creek [East Yale Avenue to East County Line Road])

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 75, Series of 2012); and

WHEREAS, the Executive Director has executed an agreement with Matrix Design Group for a master planning and flood hazard area delineation study of Coal Creek (Arapahoe County); and

WHEREAS, a report "Flood Hazard Area Delineation, Coal Creek (East Yale Avenue to East County Line Road)," dated August 2014, has been completed by Matrix Design Group; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, *et seq.* C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation, Coal Creek (East Yale Avenue to East County Line Road)," dated August 2014 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Arapahoe County and Southeast Metro Stormwater Authority adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

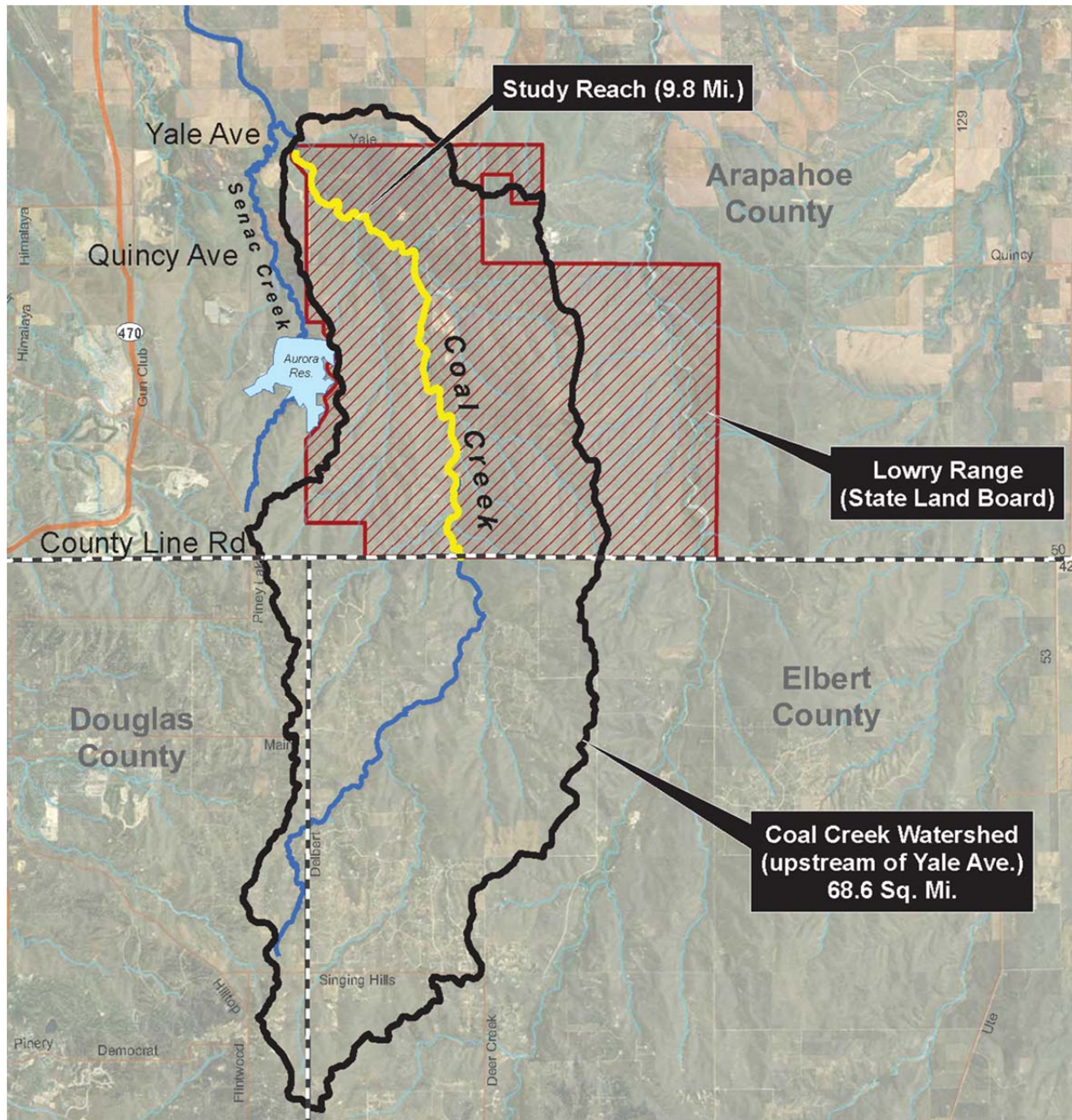
\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 44, SERIES OF 2014  
(Acceptance of Flood Hazard Area Delineation Report for  
Coal Creek [East Yale Avenue to East County Line Road])

**EXHIBIT A**





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, October 16, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
4. **Approval of September 18, 2014 Meeting Minutes** *(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")*
5. **Public Hearing**
  - a. 2015 Budget
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Certification of Tax Levy  
(Resolution No. 45, Series of 2014)
  - c. Adoption of 2015 Budgets  
(Resolution No. 46, Series of 2014)
  - d. Appropriation of Funds for 2015  
(Resolution No. 47, Series of 2014)
  - e. Authorization to Agree in Writing to the Inclusion of Agricultural Land Located in Littleton, Colorado in the Proposed Santa Fe Urban Renewal Area Plan  
(Resolution No. 48, Series of 2014)
  - f. Authorization for a Planning Study of Airport Creek from US 36 to BNSF Railroad  
(Resolution No. 49, Series of 2014)
  - g. Acceptance of Coal Creek and Rock Creek Planning Study  
(Resolution No. 50, Series of 2014)
7. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required)*
8. **Reports/Discussion**
  - a. Executive Director's Report
9. **Other Business**
  - a. Executive Director's Annual Review
  - b. Draft Capital Improvement Plans (CIP) and Work Plans Discussion
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, November 20, 2014**
11. **Adjournment**







## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

September 18, 2014

### MINUTES

#### **Members Present:**

Bruce Beckman, Mayor Pro Tem, City of Littleton  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
George Karakehian, Mayor Pro Tem, City of Boulder  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Lakewood  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Herb Atchison, Mayor, City of Westminster  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Peggy Lehmann, Council Member, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Nancy Sharpe, Commissioner, Arapahoe County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtoui	Project Manager, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
David Mallory	Manager, Floodplain Management
Teresa Patterson	Project Engineer, Floodplain Management
Holly Piza	Senior Project Engineer, Master Planning
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Bill DeGroot	Retired UDFCD
Sharon Tellak	Wright Water Engineers

#### **How the Districts Works – Floodplains**

Mr. Hindman conducted a presentation entitled, Floodplains, for this month's How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Councilmember Lopez 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. **Visitors/Guests/Staff**  
Mr. Hindman introduced the following visitors:
    - Sharon Tellak, Wright Water Engineers
    - Bill DeGroot, Retired UDFCD
  - b. **Awards/Recognitions**  
Over the past year, Ken MacKenzie has been working with Wright Water Engineers to develop *A September to Remember: The 2013 Colorado Flood within the Urban Drainage and Flood Control District* publication. Major contributors to the development of the book include Ken MacKenzie, Bill DeGroot, and Sharon Tellak. Courtesy copies were given to each of our board members, and Mr. MacKenzie added that additional copies will be provided to our intergovernmental partners that were affected by the floods. Board members were asked to contact Ken MacKenzie directly if they would like to acquire additional copies.
4. **Board Approval of August 21, 2014 Meeting Minutes**  
Councilmember Lopez asked if there were any corrections to the August 21, 2014 minutes. Hearing none, the minutes were approved as submitted.
5. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list, dated August and September 2014, had been 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. **Authorization of Funds for New Accounting Software (Resolution No. 35, Series of 2014)**  
Resolutions No. 35 authorizes the District to enter into an agreement with the software company, Tyler Technologies, to assist in the implementation of a new accounting system. This resolution authorizes \$100,000 to aid in the purchase of new accounting software and equipment, assist the District with the conversion process, software implementation, and training.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 35 on the Consent Agenda.
  - c. **Amended Authorization to Agree in Writing to the Inclusion of Agricultural Land Located in the Proposed Aurora Conference Center Urban Renewal Plan (Resolution No. 36, Series of 2014)**  
The District adopted, by way of Resolution No. 44, Series of 2011, authorization to agree in writing to the inclusion of agricultural land in the proposed Aurora Conference Center Urban Renewal Plan, in a letter dated August 18, 2011.  
  
Under the terms of that letter, the District's consent expires by its own terms if the project contemplated by the Aurora Conference Center Urban Renewal Plan is not under construction by January 1, 2015. The City of Aurora has requested an extension of this deadline due to construction delays beyond their control.  
  
Resolution No. 36 authorizes the Executive Director to sign a letter, agreeing to extension of the deadline from January 1, 2015 to January 1, 2018.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 36 on the Consent Agenda.

**d. Authorization for a Planning Study of Gregory Canyon Creek and Bear Canyon Creek**

**(Resolution No. 37, Series of 2014)**

Gregory Canyon Creek originates in unincorporated Boulder County and flows north through the City of Boulder where it confluences with Boulder Creek near 9th Street. The tributary area to Gregory Canyon Creek is approximately 2.1 square miles. Bear Canyon Creek originates in unincorporated Boulder County and flows northeast through the City of Boulder where it confluences with Boulder Creek near the Foothills Parkway. The tributary area to Bear Canyon Creek is approximately 5.0 square miles.

The City of Boulder has recently completed mapping studies for Gregory Canyon Creek and Bear Canyon Creek identifying the potential risks to existing development and delineating a 100-year floodplain. The City of Boulder has now requested a major drainageway plan for Gregory Canyon Creek and Bear Canyon Creek to mitigate flood risk identified from the mapping studies.

The City of Boulder has appropriated \$75,000 to begin a flood management and mitigation study in 2014 to address the risk identified in the mapping study. The total study costs are projected to be \$150,000 and this resolution authorizes the expenditure of the District's share not to exceed \$75,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 37 on the Consent Agenda.

**e. Additional Authorization for a Planning Study of Boulder Creek**  
**(Resolution No. 38, Series of 2014)**

The Board previously authorized a master drainageway planning study (Resolution No. 36, Series of 2013) for Boulder Creek in cooperation with the City of Boulder within the city limits.

After the September 2013 floods, the Colorado Water Conservation Board (CWCB) initiated a watershed master planning and stream restoration grant program to encourage communities affected by the floods to prepare master plans on a watershed-wide basis. Boulder County reached out to the District to create a coalition for the Boulder Creek watershed and to apply for grant funding from CWCB.

The District has been granted \$55,000 towards a study on Boulder Creek in order to extend the limits of the study beyond the District boundary to include the entirety of Boulder Creek.

The new study limits reach from Fourmile Creek to St. Vrain Creek. Funding sponsors will include UDFCD (with CWCB funds), the City of Boulder, Boulder County, and the City of Longmont. Other local government stakeholders include Weld County and the Town of Frederick.

The total study costs are projected to be \$250,000 and this resolution authorizes the expenditure of the District's share not to exceed \$110,000 plus interest earned in the project's trust and agency account. The District's share does not include the \$55,000 grant from CWCB.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 38 on the Consent Agenda.

**f. Authorization to Participate in Drainage and Flood Control Improvements for an Access Trail along Happy Canyon Creek**  
**(Resolution No. 39, Series of 2014)**

This is a joint project with Douglas County. Douglas County desires to design, acquire right-of-way, and construct improvements for an access trail along Happy Canyon Creek in accordance with the *Happy Canyon Creek Major Drainageway Plan*, dated March

2014. The project includes improvements to an access trail along Happy Canyon Creek at I-25. Easement and right-of-way acquisition will be included in the project costs.

Douglas County is administering the design with Muller Engineering Company. The District and Douglas County desire to construct the improvements which will be managed by Douglas County. Construction is anticipated in 2015.

The District and Douglas County have identified \$80,000 in initial project costs for the design, right-of-way acquisition, and construction with the District's participation being \$40,000 in 2014 funds. It is anticipated that additional funds will be needed for this project in the future.

Resolution No. 39 authorizes \$40,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County 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. 39 on the Consent Agenda.

**g. Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District (Resolution No. 40, Series of 2014)**

This is a joint project with the Highlands Ranch Metro District. The Highlands Ranch Metro District desires to design, acquire right-of-way, and construct improvements along Big Dry Creek at Cheese Ranch in accordance with the *Big Dry Creek Arapahoe and Tributaries Master Drainageway Plan Phase B*, dated 1998. The project includes improvements to Big Dry Creek at Cheese Ranch. Easement and right-of-way acquisition will be included in the project costs.

The District and the Highlands Ranch Metro District desire to construct the improvements that will be managed by the District. Construction is anticipated in 2015. The District and the Highlands Ranch Metro District have identified \$730,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$365,000 in 2014 funds. It is anticipated that additional funds may be needed for this project in the future.

Resolution No. 40 authorizes \$365,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Highlands Ranch Metro District 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. 40 on the Consent Agenda.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements Cherry Creek at Hess Road (Resolution No. 41, Series of 2014)**

This is a joint project with Douglas County, the Town of Parker, and the Cherry Creek Basin Water Quality Authority (CCBWQA). ICON Engineering, Inc. designed the project under contract with the District. The drainage elements of the project include installation of several drop structures and bank improvements. Easement and right-of-way acquisition is included in the project costs.

The final design is complete and the District along with Douglas County, the Town of Parker, and CCBWQA desire to add funds to construct the improvements which will be managed by the District. Construction is anticipated in 2014.

The District, Douglas County, the Town of Parker, and CCBWQA have identified \$2,030,000 in total project costs with the District's participation being \$1,010,000. The previous authorizations (Resolution No. 64, Series of 2010; Resolution No. 79, Series of

2010; and Resolution No. 24, Series of 2012) totaled \$960,000 to fund design and construction.

Resolution No. 41 authorizes an additional \$50,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County, the Town of Parker, and CCBWQA 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. 41 on the Consent Agenda.

**i. Authorization to Participate in Drainage and Flood Control Improvements on Brantner Gulch at Riverdale Road (Resolution No. 42, Series of 2014)**

This is a joint project with Adams County. Adams County desires to design, acquire right-of-way, and construct improvements along Brantner Gulch at Riverdale Road in accordance with the *Lower Brantner Gulch Major Drainageway Planning Update Preliminary Design – Phase B* report, dated January 2005. The project includes improvements to replace the existing culvert under Riverdale Road with a much larger structure, to prevent overtopping of the road during the 100-year flood. Adams County already holds the necessary easements and right-of-way where the project will be carried out.

The District is administering the design with Muller Engineering Company. The District and Adams County desire to construct the improvements that will be managed by the District. Construction is anticipated in early 2015.

The District and Adams County have identified \$1,655,000 in total project costs for the design, right-of-way acquisition, and construction with the District's participation being \$150,000 in 2014 funds. It is anticipated that additional funds may be needed for this project in the future.

Resolution No. 42 authorizes \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Adams County 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. 42 on the Consent Agenda.

**j. Authorization to Participate in Drainage and Flood Control Improvements on Leyden Creek from Indiana Street to 72nd Avenue (Resolution No. 43, Series of 2014)**

This is a joint project with the City of Arvada. The City of Arvada desires to design, acquire right-of-way, and construct improvements along Leyden Creek from Indiana Street to 72nd Avenue in accordance with the "Leyden Creek Major Drainageway Plan," anticipated for completion in 2014. The project includes improvements to the stream bank and stream bed. The stream improvements may remove structures from the floodplain. Easement and right-of-way acquisition will be included in the project costs.

The District will be administering the design based upon the priorities and recommendations of the plan once a consulting engineering firm is selected. The District and Arvada desire to construct identified improvements that will be managed by the District. Construction is anticipated to begin in 2015.

The District and the City of Arvada have identified \$800,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$400,000 in 2014 funds. It is anticipated that additional funding may be needed for this project in the future.

Resolution No. 43 authorizes \$400,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Arvada 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. 43 on the Consent Agenda.

**k. Acceptance of Flood Hazard Area Delineation Report for Coal Creek (East Yale Avenue to East County Line Road)  
(Resolution No. 44, Series of 2014)**

This is a Flood Hazard Area Delineation (FHAD) Report for Coal Creek, East of Yale Avenue to East County Line Road. Resolution No. 44 accepts the FHAD, dated August 2014, recommends that Arapahoe County and Southeast Metro Stormwater Authority adopt the report and regulate the floodplain, and directs that the report be submitted to CWCB for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 44 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 35, 36, 37, 38, 39, 40, 41, 42, 43, and 44 Series of 2014, and Cash Disbursements dated August and September 2014 be placed on the Consent Agenda. Mayor Heidi Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. 2015 Draft Budget**

The Draft 2015 Budget was distributed to the Board a few days prior to the meeting. Mr. Hindman provided a general outline of the financial model including how TABOR is calculated and identified some updates that were made to the budget after it was distributed to the Board. Mr. Hindman asked that the Board review the budget and direct any questions to him.

The Board will be approving the Final 2015 Budget at the October Board Meeting. The Final 2015 Budget will be sent out to the Board in advance of the October Board Meeting.

**b. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

Consultant/Contractor Appreciation Breakfast

In recognition of the many District's consultants and contractors that have gone above and beyond to support the District in the past year, the District has invited them to an Appreciation Breakfast on September 23<sup>rd</sup>, from 7 to 9 am, at Jefferson Park. This will be a modest event with breakfast burritos and coffee. All professional staff are encouraged to attend.

Flood Recovery and Rebuilding Workshop

The District has teamed with CWCB and FEMA to provide a Flood Recovery and Rebuilding Workshop that took place on September 9th. The workshop was targeted towards non-profit organizations that are assisting in the rebuilding of residential homes affected by the September 2013 Flood Event. The session was very well attended and the District received lots of positive feedback from attendees.

**8. Other Business**

**a. Water Rights versus Water Quality Ponds – Update**

As mentioned at the August Board Meeting, Ken MacKenzie has been working on developing a task force comprised of several local cities, counties, and organizations that will join the District in lobbying our state lawmakers to protect the District's and other governmental entities' ability to provide flood protection and clean water to the citizens of Colorado. The task force includes members of our Board, including Commissioner Tedesco, Commissioner Sharpe, and Mr.



Sellards. The first meeting took place on September 8th and another meeting is scheduled to take place in October. Mr. MacKenzie will keep the Board updated as progress is made.

**b. Waters of the U.S. – EPA comments**

At the August Board Meeting, the Board was provided with comments generated on the proposed EPA rule, for their review and edits. Mr. MacKenzie mentioned that the only comments received to date were from Mr. Hunter. Mr. MacKenzie asked the Board to provide any additional comments by Friday, September 19th. Once all edits are incorporated, the comments will be submitted to EPA.

**9. Announcements**

The next board meeting will take place on Thursday, October 16, 2014.

**10. Adjournment**

Councilmember Lopez adjourned the meeting at 2:45 pm.

# Executive Director's Report

September 18, 2014

## PROGRAM

**Design and Construction:** As a result of the September 2013 floods, the District has depended heavily on our consultants and contractors to aid in the recovery and documentation of this catastrophic flood event. Not only did they step up to the task, but they went above and beyond the call of duty during this critical time. Most of them sacrificing more profitable work to serve the District. To show our appreciation for their efforts, we've invited our key consultants and contractors to a small "thank you" party at Jefferson Park, next Tuesday, September 23<sup>rd</sup>.

**Flood Warning:** Flood season is officially over (we're pretty sure that Hurricane Odile will stay south of Colorado). Next year, we will be adding a few more gages as well as some enhancements to our data distribution. Each year, advancements in technology allow us to make our system even more robust.

**Floodplain Management:** Joanna Czarnecka, Construction Manager with our Floodplain Management Program, has been coordinating with the Colorado Water Conservation Board (CWCB), and the Federal Emergency Management Agency (FEMA) to provide a Flood Recovery and Rebuilding Workshop that took place on September 9<sup>th</sup>. The workshop was targeted towards organizations that are assisting in the rebuilding of residential homes affected by the September 2013 floods. This session was well attended and Joanna received lots of positive feedback.

**Master Planning:** Over the past year, Ken MacKenzie has worked diligently with Wright Water Engineers to produce *A September to Remember: The 2013 Colorado Flood Within the Urban Drainage and Flood Control District* publication. Courtesy copies will be provided to each of our Board Members as well as our intergovernmental partners that were affected by the floods. We are very pleased with the results of this book and how well it depicts the chronicles of the devastating flooding of September 2013 (within the UDFCD boundary), and reinforces the importance of sound drainage and floodplain management.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Government:** We have met with several local governments, both inside and outside the District's jurisdiction, to discuss the issue of water rights for detention ponds. Ken MacKenzie is leading the effort and will give an update to the Board.

**Federal:** In August, the Board was asked to review and provide edits to the EPA comments generated in response to the "Waters of the U.S." rulemaking. To date, we've received comments from Mr. Mark Hunter. As previously stated, once all edits are addressed, we will submit our comments, on behalf of the UDFCD Board of Directors, before the October 20<sup>th</sup> deadline.

## PERSONAL

I'm sure the summer went as fast for all of you as it did for me. But reflecting on summers past, there is one in particular that stands out as one of my all-time favorites. I was in high school and I was a lifeguard at the local YMCA outdoor pool. What high school boy wouldn't love to be sitting up in that chair, ruling his domain? Everyone *literally* looks up to you, especially the girls. I can still see kids diving for pennies, the sight of salt-water taffy melting on the concrete deck, and the smell of baby oil permeating the air. I was paid \$1.25/hour, and it was worth every penny! The swimming pool has since been torn down, but the memories are still there for me and everyone who lived in my hometown. I hope that by me sharing my favorite summer memory, it will allow you to reflect upon one of yours. Have a great fall and remember "NO RUNNING!" (My perch was just a few feet to the right of this picture).



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 45, SERIES OF 2014  
(Certification of Tax Levy)

WHEREAS, authority for the Board of Directors to levy and cause to be collected taxes on and against all taxable property within the District by certifying to the body having authority to levy taxes within each county wherein the District has any territory, the rate so fixed with directions that such body having authority to levy taxes shall levy such taxes upon the assessed valuation of all taxable property within the District in addition to such other taxes as may be levied by such body as contained in 32-11-217(1)(c) (I) and (I.5) C.R.S.; and

WHEREAS, the assessed valuation of the District of all taxable property subject to taxation for the year of 2014 is \$37,842,436,139 for all territories within the District, and the individual totals for each county wherein the District has territory are as follows:

ADAMS	\$ 4,543,388,260
ARAPAHOE	\$ 7,446,170,498
BOULDER	\$ 4,209,264,643
BROOMFIELD	\$ 1,071,373,827
DENVER	\$10,589,312,990
DOUGLAS	\$ 3,712,430,459
JEFFERSON	\$ 6,270,495,462

WHEREAS, authority for the Board of Directors to levy a rate not in excess of 1.0 mill for those portions of Adams, Arapahoe, Denver, Douglas, and Jefferson counties lying within the District is contained in 32-11-217(1)(c)(I) and 32-11-217(1)(c)(I.5) C.R.S., with the further provision that one-tenth of a mill shall be used for engineering and operations of the District; four-tenths of a mill shall be used for capital construction; four-tenths of a mill shall be used for maintenance; and one-tenth of a mill shall be used for the maintenance of and improvements on that portion of the South Platte River and its tributaries, which lie within the District; and

WHEREAS, authority for the Board of Directors to levy a rate not in excess of nine-tenths of a mill for that portion of Boulder County and the City and County of Broomfield lying within the District is contained in 32-11-217(1)(c)(I) C.R.S., with the further provision that one-tenth of a mill shall be used for engineering and operations of the District, four-tenths of a mill shall be used for capital construction, and four-tenths of a mill shall be used for maintenance and preservation of floodways and floodplains.

IN ADDITION:

WHEREAS, the District for the fiscal year 2015 (2014 taxes collected in 2015 hereinafter referred to as "fiscal year 2015") has determined to levy 0.780 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and levy 0.696 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such levies will cause the revenues to the District for the fiscal year 2015 to exceed the limitations set forth in Section 20 of Article X of the Constitution of Colorado (The Taxpayers Bill of Rights) TABOR by approximately \$2,942,905; and

WHEREAS, the District has determined to comply with TABOR in regard to fiscal year 2015 by a temporary mill levy reduction in advance of the receipt of revenues in 2015 of 0.080 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and by a temporary mill levy reduction in advance of the receipt of revenues in 2015 of 0.064 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such temporary mill levy rate reductions in advance of the receipt of revenues in fiscal year 2015 will lower the receipt of revenues by the District to an amount that will not exceed the limitations set forth in TABOR.

NOW, THEREFORE, BE IT RESOLVED:

That the Board of Directors of the District does hereby adopt the following:

SECTION 1: In Adams, Arapahoe, Denver, Douglas, and Jefferson Counties the levy of taxes by the District shall be set at the net rate of 0.700 mill (see Exhibit A) on and against all taxable property within the District subject to taxation for the year 2015 after deducting the temporary mill levy reduction referred to above.

SECTION 2: In Boulder County and the City and County of Broomfield the levy of taxes by the District shall be set at the net rate of 0.632 mill (see Exhibit B) on and against all taxable property within the District subject to taxation for the year 2015 after deducting the temporary mill levy reduction referred to above.

SECTION 3: These levies shall be certified to the body having authority to levy taxes within each county wherein the District has any territory, to wit: the City Council of the City and County of Denver, the City Council of the City and County of Broomfield and the separate Boards of County Commissioners of Adams, Arapahoe, Boulder, Douglas, and Jefferson Counties.

SECTION 4: The person whom the Board of Directors authorizes to receive the funds collected by the separate counties within the District shall be the Executive Director.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 45, SERIES OF 2014  
(Certification of Tax Levy)

**Exhibit A**

**Mill levy for Adams, Arapahoe, Denver, Douglas, and Jefferson Counties**

	<b><u>Gross Levy</u></b>	<b><u>Temporary Mill Levy Reduction</u></b>	<b><u>Net Levy</u></b>
UDFCD (Parent) Levy	<b><u>0.696</u></b>	<b><u>0.064</u></b>	<b><u>0.632</u></b>
UDFCD/SPR Levy	<b><u>0.084</u></b>	<b><u>0.016</u></b>	<b><u>0.068</u></b>
Total	<b><u>0.780</u></b>	<b><u>0.080</u></b>	<b><u>0.700</u></b>

**Levy is 0.700 mill**

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 45, SERIES OF 2014  
(Certification of Tax Levy)

**Exhibit B**

**Mill levy for Boulder and Broomfield Counties**

	<b><u>Gross Levy</u></b>	<b>Temporary Mill Levy <u>Reduction</u></b>	<b><u>Net Levy</u></b>
<b>UDFCD</b>	<b>0.696</b>	<b>0.064</b>	<b>0.632</b>

**Levy is 0.632 mill**

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 46, SERIES OF 2014 (Adoption of 2015 Budgets)

WHEREAS, budgets for the following funds have been considered by the Board of Directors of the Urban Drainage and Flood Control District:

1. General Fund
2. Special Revenue Fund - Construction
3. Special Revenue Fund - Maintenance
4. Special Revenue Fund - South Platte River
5. Capital Projects Fund
6. Flood Emergency Contingency Fund

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2015 and December 31, 2015 to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado; and

WHEREAS, the District scheduled a public hearing for October 16, 2014, and published notice of same; and

WHEREAS, said hearing has been held as provided by law.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District approves and adopts the following budgets for Fiscal (calendar) Year 2015 as hereinafter set forth.

### I. GENERAL FUND

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	161,881
2.	Reserve for Future Operations	330,200
B.	REVENUE:	
1.	Taxes	3,550,000
2.	Manuals and Publications	500
3.	Seminars and Conferences	20,000
4.	Master Plan Participation	0
5.	Floodplain Management Participation	0
6.	Self-Help Participation	0
7.	Early Warning Planning Participation	0
8.	USGS Data Participation	4,000
9.	Interest	5,000
10.	Miscellaneous	3,000
11.	Project Participation Refund	10,000
	Total Revenue	3,592,500
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns – Interest	10,000
2.	Transfers from Other Fund	0
	Total	10,000



D.	TOTAL FUNDS AVAILABLE:	3,932,700
E.	EXPENDITURES:	
1.	Salaries and Services	1,775,807
2.1	Floodplain Management Activities	370,000
2.2	Information Services and Flood Warning	265,000
3.	Drainage Master Plans	580,000
4.	Special Projects	475,500
5.	Office and Operating Costs	293,500
6.	Local Expenses and Travel	63,000
7.	Treasurer's Fees	51,150
8.	Other	71,000
9.	Emergency Reserve	(13,532)
10.	Transfer to Other Fund	0
	Total Expenditures	3,931,425
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	148,349
2.	Reserve for Future Operations	1,275

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	301,522
2.	Reserve for Future Operations	1,080,366
B.	REVENUE:	
1.	Taxes	10,971,500
2.	Interest	10,000
3.	Other	0
4.	Project Participation Refund	90,000
	Total Revenues	11,071,500
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	30,000
2.	Transfers from Other Funds	0
	Total	30,000
D.	TOTAL FUNDS AVAILABLE:	12,181,866
E.	EXPENDITURES:	
1.	Salaries and Services	946,853
2.	Operating Costs	336,100
3.	Local Expenses and Auto, and Travel	37,000
4.	Construction	10,460,000
5.	MGR Replacement Fund	0
6.	Treasurer's Fees	147,630
7.	Contingencies	160,000
8.	Emergency Reserve	91,105
9.	Transfer to Other Funds	0
	Total Expenditures	12,178,688
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	392,627

2.	Reserve for Future Operations	3,179
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### III. SPECIAL REVENUE FUND - MAINTENANCE

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	304,030
2.	Reserve for Future Operations	1,316,623
B.	REVENUES:	
1.	Taxes	10,780,000
2.	Interest	15,000
3.	Other	5,000
4.	Project Participation Refund	4,000
	Total Revenues	10,804,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	1,000
D.	TOTAL FUNDS AVAILABLE:	12,121,623
E.	EXPENDITURES:	
1.	Salaries and Services	1,130,565
2.	Operating Costs	346,000
3.	Local Expenses and Auto, and Travel	56,000
4.	Maintenance Service	9,546,000
5.	Small Project Participation	0
6.	Flood Warning	586,000
7.	Treasurer's Fees	145,140
8.	Contingency	240,000
9.	Emergency Reserve	69,911
10.	Transfer to Other Funds	0
	Total Expenditures	12,119,616
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	373,941
2.	Reserve for Future Operations	2,008

### IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	64,738
2.	Reserve for Future Operations	739,984
B.	REVENUE:	
1.	Taxes	2,350,000
2.	Interest	3,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	2,353,000

C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	<u>0</u>
D.	TOTAL FUNDS AVAILABLE:	3,092,984
E.	EXPENDITURES:	
1.	Salaries and Services	375,539
2.	Operating Costs	78,600
3.	Local Expenses and Travel	15,250
4.	Maintenance and Construction Service	2,522,000
5.	Property Owner Coop Projects	0
6.	Treasurer's Fees	35,550
7.	Other	8,000
8.	Emergency Reserve	56,310
9.	Transfer to Other Funds	0
	Total Expenditures	<u>3,091,249</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	121,048
2.	Reserve for Future Operations	1,735

#### VI. FLOOD EMERGENCY CONTINGENCY FUND

A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	200,000
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
	Transfers from Other Funds	200,000
C.	TOTAL FUNDS AVAILABLE:	400,000
D.	EXPENDITURES:	
1.	Emergency Projects	400,000
E.	FUND BALANCE: 12/31/13	
1.	Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 47, SERIES OF 2014 (Appropriation of Funds for 2015)

WHEREAS, the Board has duly adopted a budget for the fiscal (calendar) year of 2015 based on 2014 property tax revenues received in 2015 (hereinafter referred to as “fiscal year 2015”) as provided by law; and

WHEREAS, the Statutes of the State of Colorado require that a resolution appropriating 2014 property tax revenue funds for use in fiscal (calendar) year 2015 be adopted prior to making expenditures; and

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2015, to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado.

NOW, THEREFORE, BE IT RESOLVED THAT:

The following sums of money are hereby appropriated as of this date, October 16, 2014, to the uses and purposes hereinafter indicated for the operation of the Urban Drainage and Flood Control District during the fiscal (calendar) year 2015.

### I. GENERAL FUND

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	161,881
2.	Reserve for Future Operations	330,200
B.	REVENUE:	
1.	Taxes	3,550,000
2.	Manuals and Publications	500
3.	Seminars and Conferences	20,000
4.	Master Plan Participation	0
5.	Floodplain Management Participation	0
6.	Self-Help Participation	0
7.	Early Warning Planning Participation	0
8.	USGS Data Participation	4,000
9.	Interest	5,000
10.	Miscellaneous	3,000
11.	Project Participation Refund	10,000
	Total Revenue	3,592,500
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns – Interest	10,000
2.	Transfers from Other Fund	0
	Total	10,000
D.	TOTAL FUNDS AVAILABLE:	3,932,700
E.	EXPENDITURES:	
1.	Salaries and Services	1,775,807
2.1	Floodplain Management Activities	370,000
2.2	Information Services and Flood Warning	265,000
3.	Drainage Master Plans	580,000
4.	Special Projects	475,500

5.	Office and Operating Costs	293,500
6.	Local Expenses and Travel	63,000
7.	Treasurer's Fees	51,150
8.	Other	71,000
9.	Emergency Reserve	(13,532)
10.	Transfer to Other Fund	0
	Total Expenditures	<u>3,931,425</u>

F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	148,349
2.	Reserve for Future Operations	1,275

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	301,522
2.	Reserve for Future Operations	1,080,366
B.	REVENUE:	
1.	Taxes	10,971,500
2.	Interest	10,000
3.	Other	0
4.	Project Participation Refund	90,000
	Total Revenues	<u>11,071,500</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	30,000
2.	Transfers from Other Funds	0
	Total	<u>30,000</u>
D.	TOTAL FUNDS AVAILABLE:	12,181,866
E.	EXPENDITURES:	
1.	Salaries and Services	946,853
2.	Operating Costs	336,100
3.	Local Expenses and Auto, and Travel	37,000
4.	Construction	10,460,000
5.	MGR Replacement Fund	0
6.	Treasurer's Fees	147,630
7.	Contingencies	160,000
8.	Emergency Reserve	91,105
9.	Transfer to Other Funds	0
	Total Expenditures	<u>12,178,688</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted – Emergency Reserve	392,627
2.	Reserve for Future Operations	3,179

## III. SPECIAL REVENUE FUND - MAINTENANCE

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	304,030
2.	Reserve for Future Operations	1,316,623
B.	REVENUES:	
1.	Taxes	10,780,000

2.	Interest	15,000
3.	Other	5,000
4.	Project Participation Refund	4,000
	Total Revenues	<u>10,804,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	<u>1,000</u>
D.	TOTAL FUNDS AVAILABLE:	12,121,623
E.	EXPENDITURES:	
1.	Salaries and Services	1,130,565
2.	Operating Costs	346,000
3.	Local Expenses and Auto, and Travel	56,000
4.	Maintenance Service	9,546,000
5.	Small Project Participation	0
6.	Flood Warning	586,000
7.	Treasurer's Fees	145,140
8.	Contingency	240,000
9.	Emergency Reserve	69,911
10.	Transfer to Other Funds	0
	Total Expenditures	<u>12,119,616</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	373,941
2.	Reserve for Future Operations	2,008

#### IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	64,738
2.	Reserve for Future Operations	739,984
B.	REVENUE:	
1.	Taxes	2,350,000
2.	Interest	3,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	<u>2,353,000</u>
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	<u>0</u>
D.	TOTAL FUNDS AVAILABLE:	3,092,984
E.	EXPENDITURES:	
1.	Salaries and Services	375,539
2.	Operating Costs	78,600

3.	Local Expenses and Travel	15,250
4.	Maintenance and Construction Service	2,522,000
5.	Property Owner Coop Projects	0
6.	Treasurer's Fees	35,550
7.	Other	8,000
8.	Emergency Reserve	56,310
9.	Transfer to Other Funds	0
	Total Expenditures	<u>3,091,249</u>

F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	121,048
2.	Reserve for Future Operations	1,735

#### VI. FLOOD EMERGENCY CONTINGENCY FUND

A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	200,000
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Transfers from Other Funds	200,000
C.	TOTAL FUNDS AVAILABLE:	400,000
D.	EXPENDITURES:	
1.	Emergency Projects	400,000
E.	FUND BALANCE: 12/31/13	
1.	Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



## THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

### RESOLUTION NO. 48, SERIES OF 2014

(Authorization to Agree In Writing to the Inclusion of Agricultural Land Located in Littleton, Colorado in the Proposed Santa Fe Urban Renewal Area Plan)

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District (the District) adopted by way of Resolution No. 38, Series of 2011 a policy in regard to its agreement to the inclusion of agricultural land within an urban renewal area; and

WHEREAS, the City of Littleton, through its Mayor, has made a written request of the District to agree in writing to the inclusion of certain agricultural land located in the City of Littleton within the proposed Santa Fe Urban Renewal Area Plan (Exhibit B); and

WHEREAS, the legal description of such agricultural land is attached hereto as Exhibit "A"; and

WHEREAS, the City of Littleton has fully complied with all requirements of the District that are contained in Resolution No. 38, Series 2011; and

WHEREAS, the City of Littleton and Arapahoe County have formally approved and agreed to the inclusion of the Exhibit "A" agricultural land within the proposed Santa Fe Urban Renewal Area; and

WHEREAS, no extraordinary circumstances have been brought to the attention of the Board of Directors of the Urban Drainage and Flood Control District by a Board Member that would prevent the District agreeing in writing to the inclusion of the Exhibit "A" agricultural land within the proposed Santa Fe Urban Renewal Area Plan; and

WHEREAS, the District has prepared a letter to the Mayor of the City of Littleton setting forth the terms of the District's agreement to the inclusion of the Exhibit "A" agricultural land within the proposed Santa Fe Urban Renewal Area which letter is attached hereto as Exhibit "C"; and

WHEREAS, the attached Exhibit "C" letter, in order for the District's approval to be binding, requires the acknowledgement and agreement of the City of Littleton.

#### NOW THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby agrees that the agricultural land described in Exhibit "A" may be included in the proposed Santa Fe Urban Renewal Plan.
2. The Executive Director of the Urban Drainage and Flood Control District is authorized to execute the attached Exhibit "C" letter and forward it to Phil Cernanec, Mayor of the City of Littleton.
3. The agreement of the District contained in the attached Exhibit "C" letter will become effective upon the District's receipt of a copy of the letter bearing the Mayor of the City of Littleton's signature acknowledging and agreeing to the terms of the letter.
4. The agreement of the District contained in the attached Exhibit "C" letter will expire by its own terms if the Santa Fe Urban Renewal Project is not under construction by January 1, 2019.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# EXHIBIT A

## LEGAL DESCRIPTION – TAX INCREMENT AREA #1 BOUNDARY

### AREA 1-1

A TRACT OF LAND LOCATED IN SECTION 31 AND 32 , TOWNSHIP 5 SOUTH, RANGE 68 WEST OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, CITY OF LITTLETON, COUNTY OF ARAPAHOE, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH SANTA FE DRIVE. SAID POINT BEING THE COMMON PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-32-3-00-018 AND 2077-32-3-00-019;

THENCE ALONG THE SOUTH BOUNDARY LINE OF SAID ASSESS OR PARCEL NO. 2077-32-3-00-018 THE FOLLOWING 3 COURSES

NORTHWESTERLY 120 FEET;

NORTHWESTERLY 336 FEET;

NORTHWESTERLY 523 FEET;

THENCE SOUTHEASTERLY 732 FEET TO A POINT ON THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER;

THENCE SOUTHWESTERLY 485 FEET TO A POINT ON THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER, SAID POINT BEING THE COMMON PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-32-3-00-018 AND 2077-31-4-00-027;

THENCE NORTHWESTERLY 62 FEET;

THENCE NORTHEASTERLY 50 FEET;

THENCE NORTHWESTERLY 50 FEET;

THENCE SOUTHWESTERLY 50 FEET;

THENCE NORTHWESTERLY 296 FEET;

THENCE NORTHWESTERLY 194 FEET;

THENCE SOUTHWESTERLY 70 FEET;

THENCE NORTHWESTERLY 50 FEET;

THENCE SOUTHWESTERLY 50 FEET;

THENCE NORTHWESTERLY 6 FEET;

THENCE NORTHEASTERLY 50 FEET;

THENCE NORTHWESTERLY 50 FEET;

THENCE SOUTHWESTERLY 50 FEET;

THENCE NORTHWESTERLY 64 FEET;

THENCE NORTHEASTERLY 120 FEET;

THENCE NORTHWESTERLY 246 FEET;

THENCE NORTHEASTERLY 50 FEET TO A COMMON PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-31-4-00-026 AND 2077-31-4-00-027;

THENCE NORTHEASTERLY 1362 FEET TO A COMMON PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-31-4-00-026 AND 2077-32-2-00-033;

THENCE SOUTHEASTERLY 896 FEET;

THENCE NORTHEASTERLY 161 FEET;

THENCE NORTHEASTERLY 252 FEET;

THENCE NORTHEASTERLY 272 FEET;

THENCE NORTHWESTERLY 90 FEET;

THENCE NORTHWESTERLY 312 FEET;

THENCE NORTHWESTERLY 221 FEET;

THENCE NORTHWESTERLY 230 FEET;

THENCE NORTHEASTERLY 164 FEET;

THENCE NORTHEASTERLY 415 FEET TO THE NORTHWEST CORNER OF ASSESSOR PARCEL NO. 2077-32-2-01-001;

THENCE SOUTHEASTERLY 930 FEET TO THE NORTHEAST CORNER OF ASSESSOR PARCEL NO. 2077-32-2-00-029, ALSO BEING A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH SANTA FE DRIVE;

THENCE ALONG THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH SANTA FE DRIVE THE FOLLOWING ELEVEN (11) COURSES;

SOUTHWESTERLY 134 FEET;

SOUTHWESTERLY 590 FEET;

SOUTHWESTERLY 111 FEET;

SOUTHWESTERLY 817 FEET;

SOUTHWESTERLY 280 FEET;

SOUTHWESTERLY 240 FEET;

SOUTHWESTERLY 101 FEET;

SOUTHEASTERLY 90 FEET;

SOUTHWESTERLY 150 FEET;

SOUTHWESTERLY 117 FEET;

SOUTHWESTERLY 405 FEET TO THE POINT OF BEGINNING;

CONTAINING A CALCULATED AREA OF 110.7 ACRES.

THE ABOVE DESCRIPTION INCLUDES THE FOLLOWING ASSESSOR PARCELS

PARCEL #2077-32-3-00-018, 2077-31-4-00-027, 2077-32-2-00-033, 2077-32-2-00-015, 2077-32-3-00-017, 2077-32-2-00-031, 2077-32-2-00-030, 2077-32-2-00-018, 2077-32-2-00-029 AND 2077-32-2-01-001

## **AREA 1-2**

TOGETHER WITH

A TRACT OF LAND LOCATED IN SECTION 29 AND 32 , TOWNSHIP 5 SOUTH, RANGE 68 WEST OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, CITY OF LITTLETON, COUNTY OF ARAPAHOE, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF WEST MINERAL AVENUE. SAID POINT BEING THE SOUTHWEST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-32-2-03-001;

THENCE NORTHEASTERLY 252 FEET;

THENCE NORTHEASTERLY 198 FEET;

THENCE NORTHEASTERLY 479 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF WEST CARSON DRIVE AND BEING THE NORTHWEST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-29-3-00-025;

THENCE SOUTHEASTERLY 424 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF SOUTH PLATTE RIVER PARKWAY AND BEING THE NORTHEAST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-29-3-00-025;

THENCE SOUTHWESTERLY ALONG THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH PLATTE RIVER PARKWAY THE FOLLOWING FIVE (5) COURSES

SOUTHWESTERLY 129 FEET;

SOUTHWESTERLY 44 FEET;

SOUTHWESTERLY 379 FEET;

SOUTHWESTERLY 48 FEET;

SOUTHWESTERLY 176 FEET TO A PONT OF CURVATURE;

THENCE THROUGH A CURVE TO THE RIGHT 47 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF WEST MINERAL AVENUE;

THENCE NORTHWESTERLY 322 FEET TO THE POINT OF BEGINNING;

CONTAINING A CALCULATED AREA OF 6.4 ACRES.

THE ABOVE DESCRIPTION INCLUDES THE FOLLOWING ASSESSOR PARCELS

PARCEL #2077-29-3-00-025 AND 2077-32-2-03-001

**AREA 1-3**

TOGETHER WITH

A TRACT OF LAND LOCATED IN SECTION 29 AND 32 , TOWNSHIP 5 SOUTH, RANGE 68 WEST OF THE 6<sup>TH</sup> PRINCIPAL MERIDIAN, CITY OF LITTLETON, COUNTY OF ARAPAHOE, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF WEST MINERAL AVENUE. SAID POINT BEING THE SOUTHEAST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-29-3-02-001;

THENCE NORTHWESTERLY ALONG THE NORTH RIGHT-OF-WAY LINE OF WEST MINERAL AVENUE 460 FEET TO A POINT OF CURVATURE;

THENCE THROUGH A CURVE TO THE RIGHT 47 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF SOUTH PLATTE RIVER PARKWAY.

THENCE NORTHEASTERLY 773 FEET;

THENCE NORTHEASTERLY 75 FEET TO THE NORTHWEST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-29-3-02-001;

THENCE SOUTHEASTERLY 595 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH SANTA FE DRIVE AND THE NORTHEAST PROPERTY CORNER OF ASSESSOR PARCEL NO. 2077-29-3-02-001;

THENCE SOUTHWESTERLY ALONG THE WESTERLY RIGHT-OF-WAY LINE OF SOUTH SANTA FE DRIVE THE FOLLOWING EIGHT (8) COURSES

SOUTHWESTERLY 32 FEET;

SOUTHWESTERLY 97 FEET;

SOUTHWESTERLY 99 FEET;

SOUTHWESTERLY 80 FEET;

SOUTHWESTERLY 15 FEET;

SOUTHWESTERLY 95 FEET;

SOUTHWESTERLY 123 FEET;

SOUTHWESTERLY 344 FEET TO THE POINT OF BEGINNING;

CONTAINING A CALCULATED AREA OF 11.2 ACRES.

THE ABOVE DESCRIPTION INCLUDES THE FOLLOWING ASSESSOR PARCELS

PARCEL #2077-29-3-02-001

AREA 1-1: 110.7 ACRES

AREA 1-2: 6.4 ACRES

AREA 1-3: 11.2 ACRES

TOTAL ACREAGE FOR AREA 1 DESCRIPTIONS 128.3 ACRES

## EXHIBIT B



**City Council**  
2255 West Berry Avenue  
Littleton, Colorado 80120  
303-795-3720

October 2, 2014

Mr. Paul Hindman, Executive Director  
Urban Drainage and Flood Control District  
2480 W. 26<sup>th</sup> Ave. #156B  
Denver, CO 80211

### **Re: Consent to Inclusion of Agricultural Land in Santa Fe Urban Renewal Area**


Dear Mr. Hindman:

In order to encourage redevelopment of aging and underperforming areas within the City of Littleton, LIFT (Littleton Invests for Tomorrow aka. Littleton Urban Renewal Authority) has prepared the Santa Fe Urban Renewal Plan for consideration by the Littleton City Council. Within the proposed boundaries of the Plan Area (see attached legal description) of the Santa Fe Urban Renewal Plan Area there are several parcels that are designated as *agricultural land* as that term is defined by C.R.S. § 31-25-103(1). We understand that because the Urban Drainage and Flood Control District is a “public body that levies an ad valorem property tax on the agricultural land” within the Plan Area pursuant to C.R.S. § 31-25-107(1)(c)(II)(D), LIFT and the City of Littleton is required by state statute to request the consent of the Urban Drainage and Flood Control District to inclusion of the agricultural land within the Plan Area.

LIFT is seeking the approval from all of the taxing entities in writing within the meaning of C.R.S. § 31-25-107(1)(c)(II)(D) that the agricultural land may be included within the Plan Area. LIFT also intends that this correspondence will be included in the record of the public hearing on consideration of the Santa Fe Urban Renewal Plan by the Littleton City Council, and that the Urban Drainage and Flood Control District further consents to its inclusion in the hearing record.

Thank you for your consideration of this request.

Sincerely,  
DocuSigned by:

  
Phil Cernanec  
Mayor







## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

Paul A. Hindman, Executive Director  
2480 W. 26th Avenue, Suite 156B  
Denver, CO 80211-5304

Telephone 303-455-6277  
Fax 303-455-7880  
[www.udfcd.org](http://www.udfcd.org)

October 16, 2014

Mr. Phil Cernanec, Mayor  
City of Littleton  
2255 W. Berry Avenue  
Littleton, CO 80120

Dear Mayor Cernanec,

This letter is provided at your request, pursuant to the authority granted by Section 31-25-107(1)(c)(II)(D), C.R.S., that requires each public body that imposes property taxes on agricultural property consent in writing to the inclusion of agricultural property within a proposed urban renewal area.

The Urban Drainage and Flood Control District (District) is in receipt of a copy of the proposed Santa Fe Urban Renewal Plan (Plan), dated August 2014, which we understand the City of Littleton City Council will consider for adoption. The property included in the area covered by the Plan includes agricultural land within the meaning of 31-25-103(1) C.R.S., upon which the District imposes a property tax.

The District hereby agrees to the inclusion of such agricultural land within the urban renewal area and consents to the provisions of the Plan, including without limitation those provisions providing for the timing and other terms of the proposed division of taxes collected within the urban renewal area. The District specifically acknowledges that under the Plan, such division of taxes would take effect, with respect to the District for a period of twenty-five (25) years beginning on the later of January 1, 2015, if the project is then under construction, or such later date as the City of Littleton and the Littleton Invests for Tomorrow Urban Renewal Authority ("LIFT") certify that construction has commenced.

In addition to the Plan, the City hereby agrees to:

- require the development meet all applicable guidance contained in the District's Urban Storm Drainage Criteria Manuals
- assure that the project is in conformance with any relevant adopted District local government major drainageway master plans or outfall systems plans,
- assure that the project meets the minimum standards of the Colorado Water Conservation Board and/or the National Flood Insurance Program, and
- comply with Resolution No. 26, Series of 1983, "Reaffirming District Approval of Facilities Constructed by Others as a Condition of District Maintenance Support" for any drainage and flood control facilities constructed by the development.

The City also agrees that:

- should the City request District maintenance assistance, maintenance shall be limited to routine activities such as mowing and debris removal,
- District shall not provide maintenance services above routine activities,
- additional District maintenance assistance shall be available following the twenty-five (25) year period referenced above, and
- this written consent shall expire by its own terms if the project is not under construction by January 01, 2019.

Respectfully,

ACKNOWLEDGED AND AGREED:

Paul A. Hindman, Executive Director  
Urban Drainage and Flood Control  
District

---

Phil Cernanec, Mayor  
City of Littleton

---

Date

cc: James W. Rees, LIFT  
Ed Krisor, Attorney

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 49, SERIES OF 2014

(Authorization for a Planning Study of Airport Creek from US 36 to BNSF Railroad)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Broomfield has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board wishes to cooperate with the City and County of Broomfield in the identification of solutions to stormwater drainage and flood control management problems for Airport Creek from US 36 to the Burlington Northern Santa Fe (BNSF) railroad (Exhibit A); and

WHEREAS, the City and County of Broomfield has expressed a desire to participate in a study leading to a conceptual design for Airport Creek from US 36 to the BNSF railroad and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$60,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$30,000
<u>Broomfield</u>	<u>\$30,000</u>
TOTAL	\$60,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City and County of Broomfield to fund the required engineering and mapping services for the Airport Creek from US 36 to BNSF railroad planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$60,000 and the District's share of total costs shall not exceed \$30,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City and County of Broomfield.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 49, SERIES OF 2014

(Authorization for a Planning Study of Airport Creek from US 36 to BNSF Railroad)

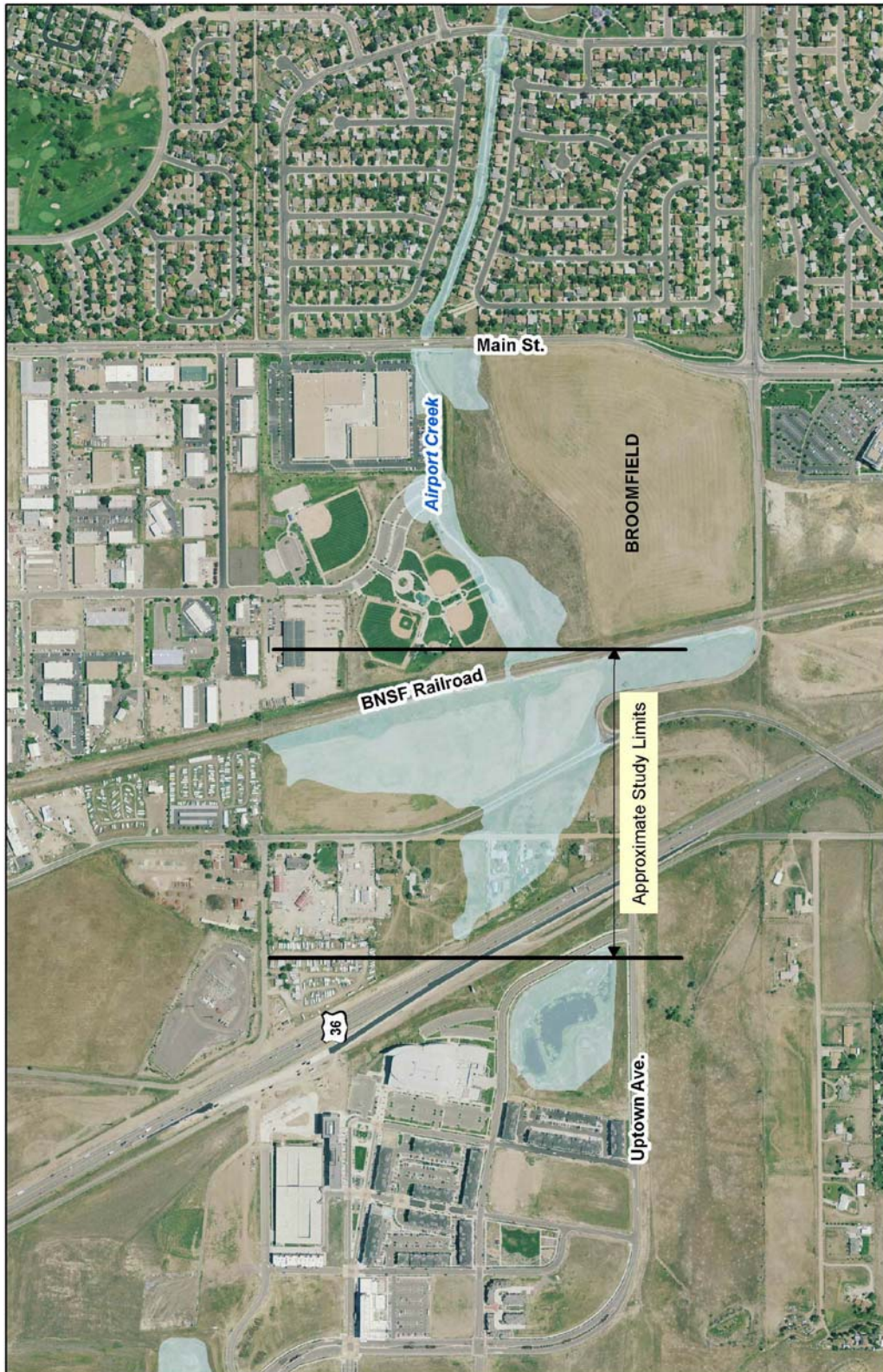
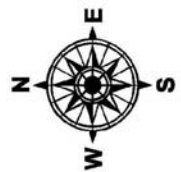


EXHIBIT A  
Airport Creek Alternatives Analysis  
Approximate Study Limits  
September 2014



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2014  
(Acceptance of Coal Creek and Rock Creek Planning Study)

WHEREAS, the Board cooperated with Boulder County, the City and County of Broomfield, the Town of Superior, the City of Louisville, the City of Lafayette, and the Town of Erie in the preparation of a major drainageway planning study for Coal Creek and Rock Creek (Resolution No. 5, Series of 2012); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of RESPEC Consulting & Services to conduct studies and prepare a major drainageway planning report for Coal Creek and Rock Creek; and

WHEREAS, the District reviewed the alternatives presented by RESPEC Consulting & Services and concurred with the need to complete the study based on an alternative selected in cooperation with Boulder County, the City and County of Broomfield, the Town of Superior, the City of Louisville, the City of Lafayette, and the Town of Erie; and

WHEREAS, RESPEC Consulting & Services has completed the study and submitted to the District the “Coal Creek and Rock Creek Major Drainageway Plan,” dated October 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “ Coal Creek and Rock Creek Major Drainageway Plan,” dated October 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2014  
(Acceptance of Coal Creek and Rock Creek Planning Study)

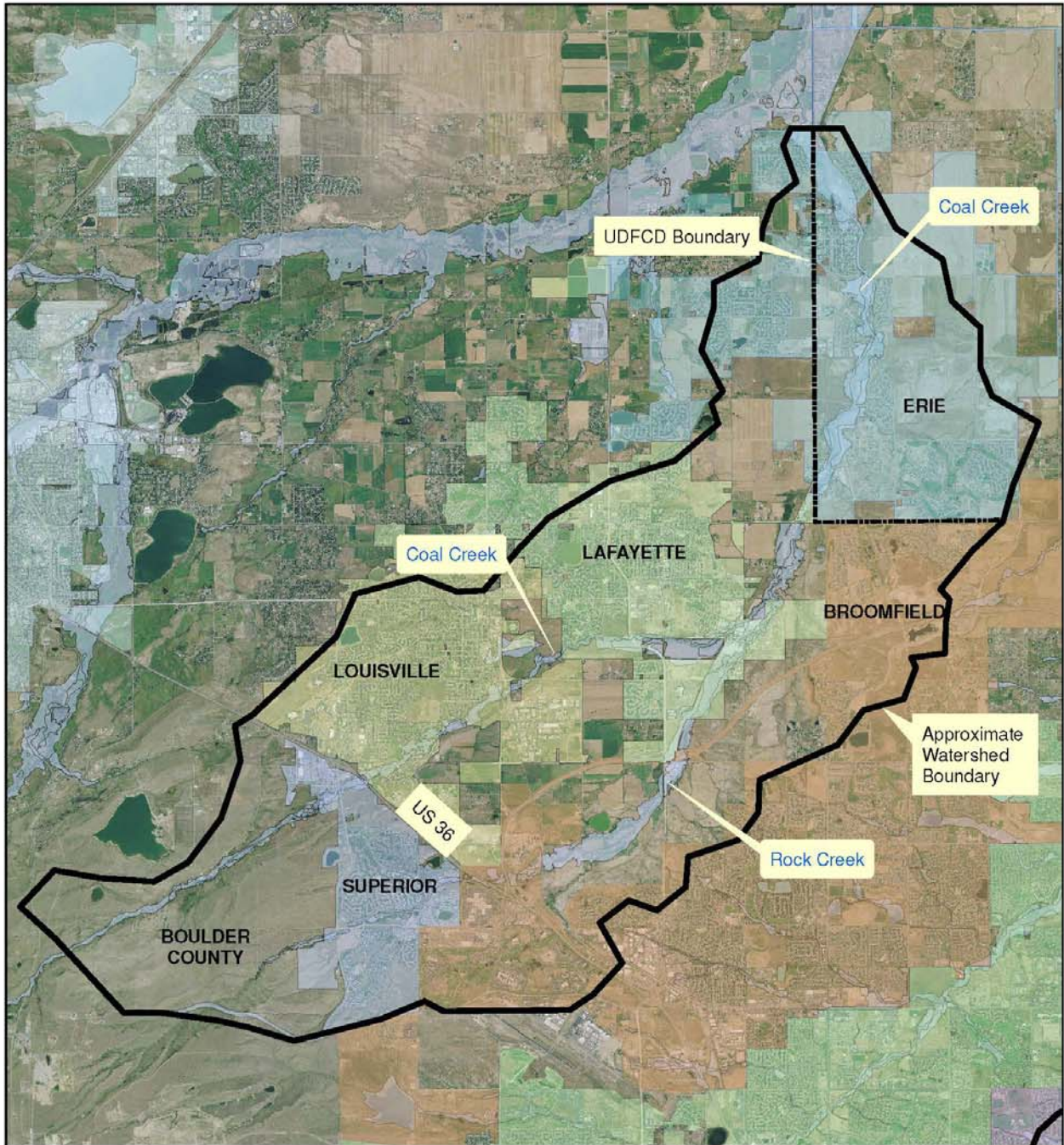
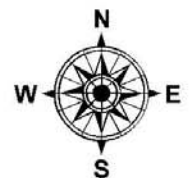


EXHIBIT A  
COAL CREEK AND ROCK CREEK  
Major Drainageway Plan  
Approximate Study Limits  
November 2011





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, November 20, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
4. **Approval of October 16, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Public Hearing**
  - a. Presentation of Proposed 2014 – 2018 Five-Year Capital Improvement Plan
  - b. Floodplain Map Adoption
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Adoption of 2015 Work Program  
(Resolution No. 51, Series of 2014)
  - c. Adoption of Five-Year Capital Improvement Plan [CIP] 2014 - 2018  
(Resolution No. 52, Series of 2014)
  - d. Authorization of 2015 Maintenance Plan Expenditures  
(Resolution No. 53, Series of 2014)
  - e. Authorization of 2015 Operation Expenditures for the South Platte River  
(Resolution No. 54, Series of 2014)
  - f. Adoption of Floodplain Maps for Little Creek, Marston Lake North Drainageway, Sand Creek, Sanderson Gulch, Senac Creek, West Toll Gate Creek, Toll Gate Creek and Lower East Toll Gate Creek, and Cherry Creek  
(Resolution No. 55, Series of 2014)
  - g. Acceptance of Flood Hazard Area Delineation Report for Coal Creek and Rock Creek  
(Resolution No. 56, Series of 2014)
  - h. Additional Authorization for a Planning Study of Weir Gulch  
(Resolution No. 57, Series of 2014)
  - i. Authorization for a Planning Study of Bear Creek at Sheridan Boulevard  
(Resolution No. 58, Series of 2014)
  - j. Authorization for a Planning Study of Harvard Gulch  
(Resolution No. 59, Series of 2014)
  - k. Authorization for a Planning Study Update of Grange Hall Creek  
(Resolution No. 60, Series of 2014)
  - l. Authorization for a Planning Study of Plum Creek  
(Resolution No. 61, Series of 2014)
  - m. Authorization to Enter Into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation  
(Resolution No. 62, Series of 2014)

- n. Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research) (Resolution No. 63, Series of 2014)

**7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)

**8. Reports/Discussion**

- a. Executive Director's Report

**9. Other Business**

- a. Call for Volunteers: Nominating Committee for 2015 Officers
- b. Call for Volunteers: 2015 Legislative Committee

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, December 18, 2014**

**11. Adjournment**





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

October 16, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor Pro Tem, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Paul Lopez, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Deb Gardner, Commissioner, Boulder County  
George Karakehian, Mayor Pro Tem, City of Boulder  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Nancy Sharpe, Commissioner, Arapahoe County  
Mary Beth Susman, Council Member, City/County of Denver

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtous	Project Manager, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Teresa Patterson	Project Engineer, Floodplain Management
Terri Schaffer	Controller
David Skuodas	Project Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning
Holly Piza	Senior Project Engineer, Master Planning

#### **Others Present:**

Jim Kaiser	City of Thornton
Jim Reese	Tomorrow Urban Renewal Authority ("LIFT")

#### **How the Districts Works – Approvals from the Federal, State, and Agency Approvals**

Mr. Hindman conducted a presentation entitled, "Federal, State, and Agency Approvals", for this month's How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Councilmember Lopez 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. **Visitors/Guests/Staff**  
Paul introduced the following visitors:
    - Jim Reese, Tomorrow Urban Renewal Authority (“LIFT”)
  - b. **Awards/Recognitions**  
Mr. Hindman recognized Laura Kroeger, Assistant Manager of our Design, Maintenance, and Construction Program, for her efforts in creating the Public Works Institute for the APWA Colorado Chapter. Over the last two years, Laura has worked on developing the institute, a one-year program designed for public works employees to help foster leadership skills. Classes were held at the District and the inaugural class graduated this past September. Laura was recognized at the APWA awards banquet and Mr. Hindman expressed his appreciation for her efforts during the Board Meeting.
4. **Board Approval of September 18, 2014 Meeting Minutes**  
Councilmember Lopez asked if there were any corrections to the September 18, 2014 minutes. Hearing none, the minutes were approved as submitted.
5. **Public Hearing**
  - a. **2015 Budget**  
Councilman Lopez opened the public hearing at 1:05 pm.  
  
Three resolutions were introduced in the budget discussion. Resolution No. 45 certifies the levy, Resolution No. 46 adopts the 2015 Budget, and Resolution No. 47 appropriates the funds.  
  
Mr. Hindman stated that the final budget numbers were very close to the draft that was distributed at the last Board meeting. He then went on to identify parts of the budget that show the most significant change in numbers since the draft, followed by a brief overview of the five funds that make up the total budget. The first four derive revenue from property taxes and include the General Fund, Construction, Maintenance, and the South Platte River. The remaining fund, Flood Emergency, is dependent on a transfer from the Maintenance Fund.  
  
It was suggested that the possibility of raising the cap on the emergency fund should be considered in the next couple of years. It was noted that this \$500k cap has not been increased in years and while these funds were helpful in assisting with the recovery efforts of the September 2013 Flood event, they did not go a long way.  
  
Councilman Lopez requested comments or questions from the Board and public. There being none, the public hearing was closed at 1:15 pm.
6. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list, dated September and October 2014, had been 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. **Certification of Tax Levy  
(Resolution No. 45, Series of 2014)**  
Resolution No. 45, Certification of Tax Levy, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 45 on the Consent Agenda.

**c. Adoption of 2015 Budget**

**(Resolution No. 46, Series of 2014)**

Resolution No. 46, Adoption of 2015 Budget, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 46 on the Consent Agenda.

**d. Appropriation of Funds for 2015**

**(Resolution No. 47, Series of 2014)**

Resolution No. 47, Appropriation of Funds for 2015, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 47 on the Consent Agenda.

**e. Authorization to Agree in Writing to the Inclusion of Agricultural Land Located in Littleton, Colorado, in the Proposed Santa Fe Urban Renewal Area Plan (Resolution No. 48, Series of 2014)**

The District adopted, by way of Resolution No. 38, Series of 2011, a policy in regard to its agreement to the inclusion of agricultural land within an urban renewal area so long as the requesting entities comply with all requirements identified by the District.

The City of Littleton is requesting the District to agree in writing to the inclusion of certain agricultural land located in the City of Littleton within the proposed Santa Fe Urban Renewal Area Plan. Jim Reese, Executive Director with the Tomorrow Urban Renewal Authority ("LIFT") was in attendance to answer any questions regarding this request.

Commissioner Sharpe asked Mr. Reese to explain how this area fits within the recent law passed by the legislature. Mr. Reese explained that the statute prohibits the inclusion of agricultural property in an urban renewal zone; however, there are six exceptions to this statute, one of them being to receive the consent of all taxing entities. "Each public body that levies an ad valorem property tax on the agricultural land agrees in writing to the inclusion of the agricultural land within the urban renewal area;".

Commissioner Sharpe stated that she would like for Jim to schedule a presentation for the Arapahoe County Commissioners. Mr. Reese agreed he would schedule a presentation. Commissioner Sharpe requested this resolution be voted on separately from the consent agenda. It was moved by Mayor Atchison and seconded by Mayor Williams to adopt Resolution No. 48, Series of 2014. Upon roll call, the motion passed with 14 votes. Commissioner Sharpe and Mayor Pro Tem Beckman chose to abstain from the vote.

**f. Authorization for a Planning Study of Airport Creek from US 36 to BNSF Railroad (Resolution No. 49, Series of 2014)**

In 2012, the City and County of Broomfield requested a master plan update for a reach of Airport Creek between US 36 and the BNSF railroad. Improvements have been made in the vicinity in conjunction with CDOT's US 36 widening project. The reach needs to be re-evaluated to reflect changes to the floodplain resulting from the CDOT construction and improvements needed to be made in an effort to make the drainageway eligible for maintenance by UDFCD.

The hydrology for the watershed was last studied in 2012 in the Big Dry Creek Major Drainageway Plan Conceptual Design Report (Wright Water Engineers). Since the entire drainageway does not need to be re-studied, a special alternatives analysis study will be produced that utilizes the previously accepted hydrology and focuses only on this reach.

The total master planning costs are projected to be \$60,000. The City and County of Broomfield will contribute \$30,000 and with the Board authorizing the expenditure of the District's share not to exceed \$30,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 49 on the Consent Agenda.

**g. Acceptance of Coal Creek and Rock Creek Planning Study  
(Resolution No. 50, Series of 2014)**

Resolution No. 5, Series of 2012 authorized a major drainageway planning study for Coal Creek and Rock Creek, for which the District partnered with Boulder County, the Town of Superior, the City and County of Broomfield, the City of Louisville, the City of Lafayette and the Town of Erie. RESPEC Consulting and Services was selected to perform the study.

The watershed area is approximately 80 square miles in area, but the study was limited to downstream of 120<sup>th</sup> Avenue which includes 38.6 miles of stream.

This study was initiated because all of the project sponsors had capital improvement or maintenance needs along these drainageways but the District did not have a master plan in place recommending the needed improvements. During the study, the flooding last September occurred and the upper portion of Coal Creek experienced greater than 100-year flows. The District used the high water mark information to calibrate its hydraulic model and modify some of the recommendations.

Improvements recommended in the study include:

- Floodplain/floodway preservation to limit future development from encroaching on the natural 100-year floodplain /floodway
- Conveyance improvements in the overbank to remove structures from the floodplain
- Natural channel design to establish a stable slope and minimize erosion
- Increased capacity roadway crossings to prevent overtopping
- Check structures to prevent vertical degradation
- Bank stabilization to prevent lateral migration

The total cost of improvements recommended in the study is over \$100 million, though a quarter of that is simply the value of developable land dedicated for floodplain preservation.

Resolution No. 50 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 50 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 45, 46, 47, 49, and 50 Series of 2014, and Cash Disbursements dated September and October 2014 be placed on the Consent Agenda. Mayor Heidi Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously. Resolution No. 48, Series 2014 was voted upon separately as noted above.

**8. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**9. Other Business**

**a. Executive Director's Annual Review**

Mr. Hindman reminded the Board that the Executive Committee will be conducting the Executive Director's Annual Review. This effort will be coordinated by Sheree Steiner with the Mountain States Employer's Council (MSEC). The format will be as follows:

- Sheree will contact all members of the Executive Committee and Ed Krisor to set up a time for a conference call. Information (satisfaction survey, economic trends, other

organizational salary data) will be sent to the committee for review before the conference call.

- The Executive Committee will meet with Sheree an hour prior to the December Board meeting to finalize its recommended changes to the Executive Director's compensation package, if any.
- At the December Board meeting, there will be an Executive Session to inform the entire Board of the Executive Committee's recommendation in regard to the Executive Director's compensation package. If the Board has any concerns or changes, the Executive Committee will make those changes as needed.
- The Chair of the Executive Committee will submit to Terri Schaffer, Controller, agreed upon changes, if any, to the Executive Director's compensation package.

An announcement will be sent to the Board to solicit input prior to the start of this process of the Executive Director's review.

**b. Draft Capital Improvement Plans (CIP) and Work Plans Discussion**

The CIP is the basis for the District's participation in projects with local governments. The budget for the 2015 CIP was approved today and allocates \$10,460,000 for 2015 design and construction projects. The District has also created a CIP plan for the South Platte River. This will aid in planning and budgeting funds for large projects on the river. The Board allocated \$2,522,000 for 2015 South Platte River maintenance and construction services, of which \$1,700,000 is intended to be for CIP projects.

The District has worked closely with local governments to incorporate priority projects in the CIP. Letters were sent in July and the District began collecting requests and accommodating as many as the District can. The Board is welcome to take these requests back to the public works staff. Although the formal CIP process takes place now, the District takes request throughout the year.

These draft plans will be sent out to our local government contacts for their review and comment. Once comments are incorporated, these documents will be finalized and presented for Board approval at next month's board meeting.

**10. Announcements**

The next board meeting will take place on Thursday, November 20, 2014.

Lakewood Gulch Redevelopment

Chairman Lopez informed the Board that portions of Pablo Sanchez Park have been redeveloped and a community gathering was held to introduce the park to the public. The event was well attended and many local citizens were able to enjoy the area and witness how Lakewood Gulch interacts with the park.

**11. Adjournment**

Councilmember Lopez adjourned the meeting at 2:05 pm.

# Executive Director's Report

October 16, 2014

## PROGRAM

**Administrative:** I received a request from the St. Vrain & Left Hand Water Conservancy District to give a presentation to their Board of Directors concerning the operation of UDFCD. They are considering several possibilities on how to go forward after last year's floods. One option would be to include the unincorporated area of their district into our boundaries. I provided them with some information about our different programs and how we assist local governments. We also discussed some of the barriers to becoming a part of the District, such as holding an election of the property owners because of TABOR laws. I will keep the Board informed of any new developments should this go any further. I will only act should I hear from them.

**Design and Construction:** Requests for updates to the 5-year Capital Improvement Program (CIP) and our annual Maintenance Work Program were sent to all our local governments and we've received responses from a little over half. The draft 5-yr CIP and Maintenance Work Programs were sent to each of you earlier this week. You may send these draft documents to your staff for comments. At the November Board meeting, both documents will be adopted by the Board.

**Flood Warning:** A year has passed since the 2013 Floods, and we are continuing to receive requests from several different agencies, both within the State and beyond, to discuss the creation of our system and its operation. Specifically, how it performed in notifying the general population of its flood risk before and during an extreme flood event. We are happy to share our program's components and the data that is produced.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Government:** Both at the State and Federal level, issues concerning stormwater have been quiet the last month. Must have something to do with the election?

**Federal:** In August, the Board was asked to review and provide edits to the EPA comments generated in response to the "Waters of the U.S." rulemaking. To date, we've received comments from Mr. Mark Hunter. As previously stated, once all edits are addressed, we will submit our comments, on behalf of the UDFCD Board of Directors, before the October 20 deadline.

## PERSONAL

I'm putting this under my "Personal" category, but it really relates to the entire staff. This year we hosted another rally team for the 9<sup>th</sup> annual "Run for the Watershed." This is an annual event in the Cherry Creek watershed that starts in Larkspur and ends 50 miles later at the Cherry Creek Reservoir. It has 10 segments consisting of biking, running, walking and kayaking. We didn't win, but we had a great time. I've instructed staff to start training now for next year's event so that we can win. That announcement instantly cleared the room and everyone has been avoiding me ever since. So if there is a Board member who would like to join our team next year, let me know because I'm looking for volunteers.



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 51, SERIES OF 2014 (Adoption of 2015 Work Program)

WHEREAS, the 2015 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems in the District; and

WHEREAS, the 2015 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2015 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2015 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2015 Budget anticipated a work plan recognizing the need for information services and local flood warning enhancements; and

WHEREAS, the 2015 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to flood control problems along the South Platte River and the maintenance of existing facilities on the River; and

WHEREAS, the 2015 Budget anticipated a work plan which included District assistance to Denver, Lakewood, Aurora and other local governments in complying with and applying for National Pollutant Discharge Elimination System (NPDES) storm sewer system permits and refining stormwater best management practices (BMP) technology for this semi-arid region; and

WHEREAS, the Board has considered the damage potential, local participation, the work already done by local governments, Corps of Engineers, and others, and the feasibility of defining and accomplishing solutions to drainage and flood control problems in 2015.

NOW, THEREFORE, BE IT RESOLVED that the Work Program for 2015 is hereby adopted as follows:

**A. Design, Construction, and Maintenance Program**

Continue the Design, Construction, and Maintenance Program which includes work to be accomplished under the following funds:

**1. Capital Improvement Fund**

- a. Coordinate, manage, and participate in the funding of the design and construction of drainage facilities pursuant to the adopted Five-Year Capital Improvement Plan.
- b. Cooperate with local jurisdictions in the preparation of the Five-Year Capital Improvement Plan.
- c. Continue to assist local jurisdictions in assessing and solving multi-jurisdictional drainage and flood control problems.

**2. South Platte River Fund**

- a. Construct and maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Work Plan.
- b. Implementation of flood control, maintenance access, river stabilization improvements, and other measures along the South Platte River in cooperation with public and private local sponsors.
- c. Maintain and continue development of information related to facilities, right-of-way, and geomorphology that is beneficial for the management of the South Platte River and for understanding its behavior.



**3. Maintenance Fund**

- a. Maintain public drainage facilities along the tributaries to the South Platte River pursuant to the accepted Maintenance Work Plan.
- b. Continue floodplain and floodway preservation efforts.
- c. Cooperate with local jurisdictions in the preparation of the Maintenance Work Plan.

**B. Floodplain Management Program**

Implement the District's Floodplain Management Program to include the following:

1. Continue assisting local entities in preparing, adopting, and administering floodplain regulations, and implement District regulations in those local jurisdictions that do not adopt and enforce floodplain regulations.
2. Delineate flood hazard areas.
3. Coordinate Federal Emergency Management Agency (FEMA) efforts within the District.
4. Review drainage and flood control proposals for proposed development affecting major drainageways upon request from local entities.
5. Continue the notification of floodplain occupants of flood hazards.
6. Continue the District's program of determining maintenance eligibility of drainage and flood control facilities constructed by others.
7. Continue the District's program to bring non-flood control reservoirs into compliance with District policy.
8. Continue development of the Cooperating Technical Partner (CTP) Program with FEMA.
9. Assist local governments and developers in the implementation of drainage and flood control master plans.

**C. Information Services and Flood Warning Program**

1. Continue data collection and flood documentation activities.
2. Assist local governments in developing, updating, exercising, and maintaining flood detection networks and flood warning plans.
3. Continue to provide meteorological services to supplement National Weather Service (NWS) watches and warnings, and work with NWS to improve flood warning capabilities.
4. Review and revise as necessary the Standard Operating Procedure for implementation of the District's Flood Disaster and Mitigation Plan.
5. Continue assisting local governments with developing self-help programs.
6. Continue development of District GIS capability.
7. Maintain and enhance District information technology systems and related services.

**D. Master Planning Program**

Coordinate and manage drainage and flood control master planning projects.

**E. Special Projects**

Continue the following special projects:

1. Continue to support a rainfall/runoff data collection program including cooperative efforts with the U.S. Geology Survey (USGS) and others, and provide data analysis as appropriate.
2. Continue efforts to improve methodologies for planning and design of drainage and flood control facilities, stormwater best management practices and delineation of floodplains in the Denver region, and disseminate information developed to public from these efforts.
3. Continue development and updating of the District's Urban Storm Drainage Criteria Manual and continue administration of manual.
4. Provide coordination and assistance to local governments in the Denver metro area in their efforts to prepare NPDES permit applications and to comply with issued municipal NPDES stormwater discharge permits.
5. Continue projects to establish methods and agreements for financing and implementing regional drainage and flood control facilities.

6. Develop, compile, publish, and distribute appropriate information and data to assist local jurisdictions in drainage and flood control efforts including continuation of publication of Flood Hazard News and sponsoring of seminars.
7. Continue educational and information dissemination efforts to public officials, consulting firms, and the general public related to stormwater and flood management issues.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 52, SERIES OF 2014 (Adoption of Five-Year Capital Improvement Plan [CIP]: 2014 – 2018)

WHEREAS, by Resolution No. 11, Series of 1973, the Board of Directors adopted a capital improvements expenditure policy; and

WHEREAS, by Chapter 32-11-214, C.R.S., it is stated:

- "(1) The District, acting by and through the board, may acquire, improve, equip, relocate, maintain, and operate the facilities, any project, or any part thereof, for the benefit of the district and the inhabitants thereof, after the board has made such preliminary studies and otherwise taken such action as it determines to be necessary or desirable as preliminaries thereto."
- "(2) When a comprehensive program for the acquisition of facilities for the district satisfactory to the board is available, such program shall be tentatively adopted. The program need only describe the proposed facilities in general terms and not in detail."
- "(3) A public hearing on the proposed program shall be scheduled, and notice of the hearing shall be given by publication. After the hearing and any adjournments thereof which may be ordered, the board may either require changes to be made in the program as the board shall consider desirable, or the board may approve the program as prepared."; and

WHEREAS, by Resolution No. 54, Series of 2013, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2013 through 2017; and

WHEREAS, the Board desires to revise the comprehensive five-year capital improvement plan on an annual basis; and

WHEREAS, by Resolution No. 11, Series of 1973, key policies set by the Board to guide the selection of projects were considered in determining the 2014 – 2018 CIP; and

WHEREAS, the Board of Directors, adopted a budget for 2015 (Resolution No. 46, Series of 2014) which includes \$10,460,000 for CIP improvements within the District; and

WHEREAS, a public hearing on the proposed plan was held on November 20, 2014 pursuant to published notice, and testimony was taken and data provided describing the comprehensive program in general terms to the satisfaction of the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The improvements described herein are necessary for the health, comfort, safety, convenience, and welfare of all the people in the State and are of special benefit to the inhabitants of the District and the property therein.
2. The list of projects is adopted as a part of the comprehensive five-year program for the years 2014 through 2018 for the implementation of projects. Such projects are described in general, and not in detail, and individual projects and authorizations therefore shall be approved by the Board on a project-by-project basis.
3. Individual projects on the CIP may be added, removed, or moved from one year to another in the CIP based on requests from the local governments and shifting priorities.
4. The following guidelines will be followed as the CIP is administered; or projects on the CIP are added, deleted, or moved from one year to another in the CIP:
  - a. Proposed improvements requested by local government.
  - b. Proposed projects must be master planned.
  - c. Local governments must provide at least a 50 percent match to District funds.
  - d. Local governments must agree to maintain the facilities.

- e. The District shall allocate funds such that revenues from counties will be spent for improvements within those counties over a five-year time period.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 53, SERIES OF 2014 (Authorization of 2015 Maintenance Plan Expenditures)

WHEREAS, the Colorado General Assembly in 1979 and in 1983 amended Section 32-11-217 thereby authorizing the District to levy up to four tenths (0.4) mill for a systematic and uniform program of preventive maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board adopted a policy statement related to the maintenance of capital improvements in 1978 (Resolution No. 41, Series of 1978); and

WHEREAS, it is the policy of the Board to allocate maintenance service expenditures to each county on the basis of revenues received annually from each county; and

WHEREAS, the Board of Directors, pursuant to such authorization adopted a budget for 2015 (Resolution No. 46, Series of 2014) which includes \$9,546,000 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2015 drainageway maintenance and related services.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby authorizes the District to assist local governments within the District in the maintenance of major drainageway facilities. The following priorities shall be considered in determining the 2015 Maintenance Plan:
  - a. First priority - District owned facilities.
  - b. Second priority - Facilities owned by other public entities, but partly financed with District funds.
  - c. Third priority - Facilities owned by other public entities and constructed by others without District assistance.
  - d. Fourth priority - Unimproved urban drainageways.
  - e. Fifth priority - Unimproved rural drainageways.
2. The Board authorizes the Executive Director to contract for those services necessary to implement the 2015 Maintenance Work Plan.
3. The total 2015 expenditures for maintenance services shall not exceed \$9,546,000 and the expenditures per county shall be in accordance with Board policy set forth in Resolution No. 41, Series of 1978.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2014  
(Authorization of 2015 Operation Expenditures for the South Platte River)

WHEREAS, the Board established policy regarding operation of the South Platte River Program (Resolution No. 58, Series of 1986); and

WHEREAS, the Board of Directors adopted a budget for 2015 (Resolution No. 46, Series of 2014), which includes \$2,522,000 for construction and maintenance activities for the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2015 South Platte River construction, maintenance, and other related services.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby authorizes the District to assist local governments within the District along the South Platte River in construction and maintenance activities, river stability, and maintenance access facilities along the South Platte River.
2. The Board of Directors authorizes the Executive Director to contract for those services necessary to implement the 2015 construction and maintenance activities.
3. The total expenditures for the South Platte River shall not exceed \$2,522,000 in 2015 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION 55, SERIES OF 2014

(Adoption of Floodplain Maps for Littles Creek, Marston Lake North Drainageway, Sand Creek, Sanderson Gulch, Senac Creek, West Toll Gate Creek, Toll Gate Creek and Lower East Toll Gate Creek, and Cherry Creek)

WHEREAS, the Board of Directors, by Resolution No. 11, Series of 1970, adopted a Floodplain Regulation; and

WHEREAS, the Board of Directors, by Resolution No. 26, Series of 1974; Resolution No. 2, Series of 1979; Resolution No. 2, Series of 1980; and Resolution No. 53 Series of 2013, amended the Floodplain Regulation; and

WHEREAS, floodplain maps for Littles Creek in Littleton and Centennial; Marston Lake North Drainageway in Denver, Lakewood and Jefferson County; Sand Creek in Aurora and Arapahoe County; Sanderson Gulch in Denver, Lakewood and Jefferson County; Senac Creek in Aurora and Arapahoe County; West Toll Gate Creek in Aurora and Arapahoe County; Toll Gate Creek and Lower East Toll Gate Creek in Aurora and Arapahoe County; and Cherry Creek in Denver, Glendale and Arapahoe County have been prepared by the District, but not yet adopted by the Board pursuant to public hearing, Exhibit A; and

WHEREAS, the Floodplain Regulation is only applicable for those floodplain maps adopted by the Board of Directors after a public hearing as required by Section 32-11-218(1)(f)(II), C.R.S. 1973, as amended; and,

WHEREAS, a public hearing duly noticed was held on November 20, 2014.

### NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors, after a public hearing, held on November 20, 2014, hereby adopts the maps and profiles contained in the following engineering reports as Flood Regulatory Districts and further subdivides the Flood Regulatory Districts into Floodway Districts and Flood Storage Districts by adopting the Floodway Tables contained in the reports and referenced below:

1. "Flood Hazard Area Delineation, Littles Creek"; July, 2012; in Cities of Littleton and Centennial, Colorado; by AMEC Earth and Environmental, including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
2. "Flood Hazard Area Delineation, Marston Lake North Drainageway" July, 2012, in the City and County of Denver, City of Lakewood and Jefferson County, Colorado; by Olsson Associates, including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
3. "Flood Hazard Area Delineation, Sand Creek, Colfax to Yale"; October, 2012, in the City of Aurora and Arapahoe County, Colorado; by Matrix Design Group, including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
4. "Flood Hazard Area Delineation, Sanderson Gulch"; August, 2013, in the City and County of Denver, City of Lakewood, Jefferson County, Colorado; by Matrix Design Group, including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
5. "Flood Hazard Area Delineation, Senec Creek", November, 2013, in the City of Aurora and Arapahoe County, Colorado; by Matrix Design Group, including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
6. "Flood Hazard Area Delineation, West Toll Gate Creek" November, 2013, in the City of Aurora and Arapahoe County, Colorado; by Michael Baker Jr., Inc.,

- including Appendix D, Floodplain and Floodway Data Tables for the “100-Yr Floodway (0.5ft. rise in EGL)”.
7. “Flood Hazard Area Delineation, Toll Gate Creek and Lower East Toll Gate Creek (Downstream from Hampden)” November, 2013, in the City of Aurora and Arapahoe County, Colorado, by J3 Engineering Consultants, Inc., including Appendix D, Floodplain and Floodway Data Tables for the “100-Yr Floodway (0.5ft. rise in EGL)”.
  8. “Flood Hazard Area Delineation, Cherry Creek (Cherry Creek Dam to South Platte River)”, November, 2013, in the City and County of Denver, City of Glendale and Arapahoe County, Colorado, by Matrix Design Group, including Appendix D, Floodplain and Floodway Data Tables for the “100-Yr Floodway (0.5ft. rise in EGL)”.

These maps, profiles and tables supersede any previously adopted maps, profiles and tables for the same areas.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

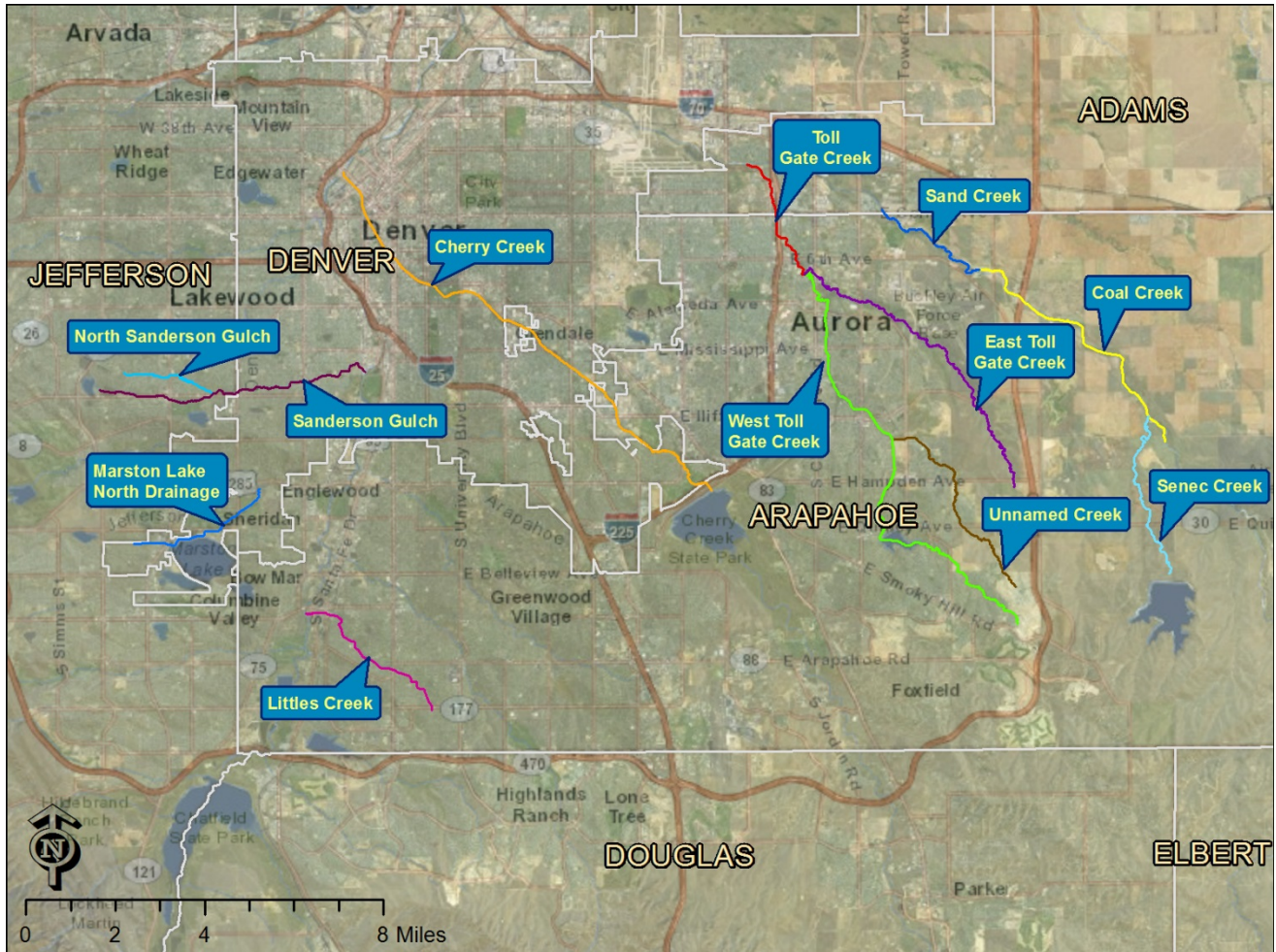
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Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION 55, SERIES OF 2014

(Adoption of Floodplain Maps for Little Creek, Marston Lake North Drainage, Sand Creek, Sanderson Gulch, Senac Creek, West Toll Gate Creek, Toll Gate Creek and Lower East Toll Gate Creek, and Cherry Creek)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 56, SERIES OF 2014

(Acceptance of Flood Hazard Area Delineation Report for Coal Creek and Rock Creek)

WHEREAS, the Board has previously established a Work Program for 2012 (Resolution No. 58, Series of 2011) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 63, Series of 2011); and

WHEREAS, the Executive Director has executed an agreement with RESPEC Consulting and Services for a master planning and flood hazard area delineation study of Coal Creek and Rock Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Coal Creek and Rock Creek," dated November 2014, has been completed by RESPEC Consulting and Services; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, et seq. C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation, Coal Creek and Rock Creek," dated November 2014 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the cities of Lafayette and Louisville, the Town of Erie and Superior, the City and County of Broomfield, and Boulder County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

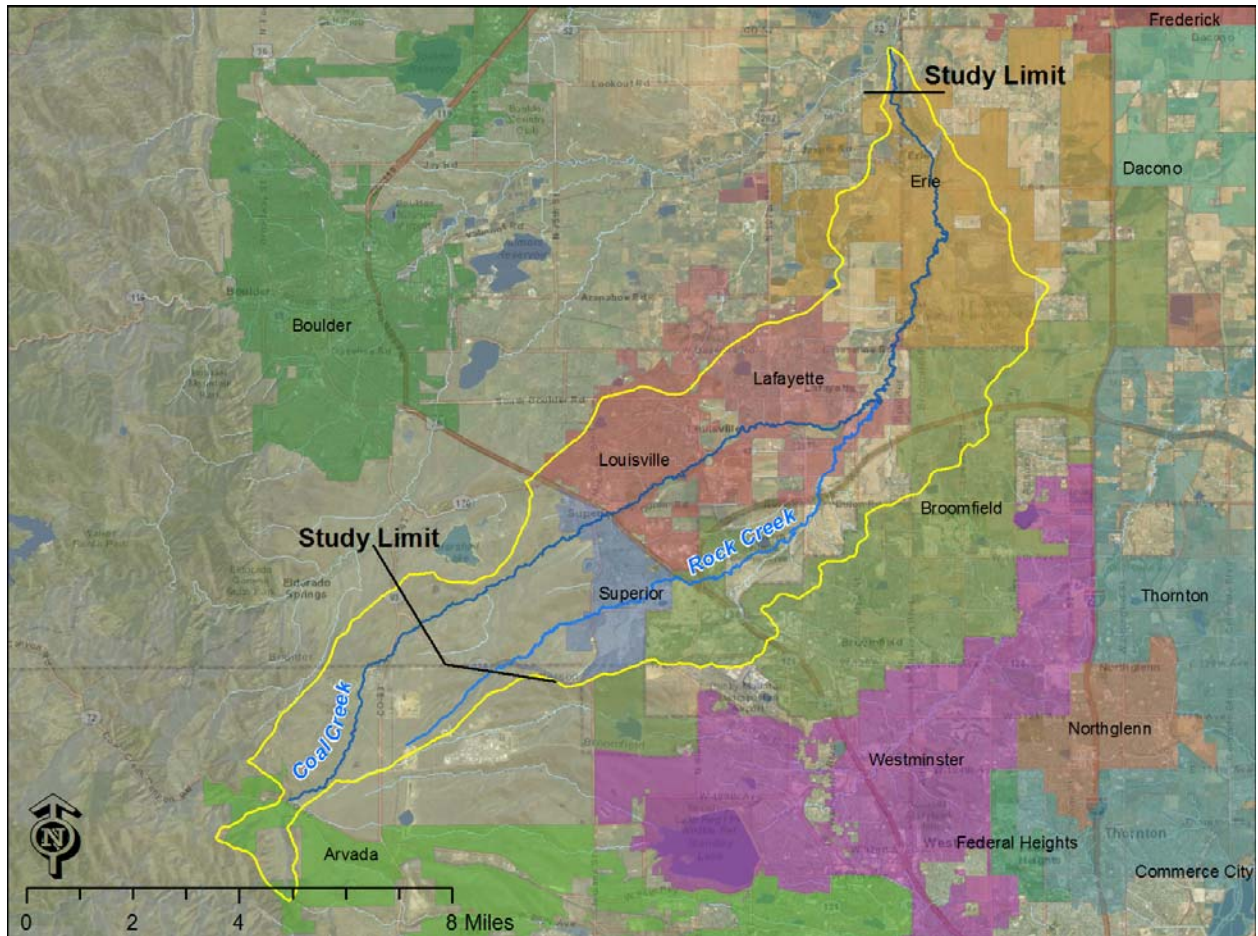


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 56, SERIES OF 2014

(Acceptance of Flood Hazard Area Delineation Report for Coal Creek and Rock Creek)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 57, SERIES OF 2014

(Additional Authorization for a Planning Study of Weir Gulch)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the Board previously authorized participation with the City and County of Denver in the identification of solutions to stormwater drainage and flood control management problems for Weir Gulch and 1<sup>st</sup> Avenue Tributary (Resolution 72, Series of 2012); and

WHEREAS, the need to increase the master plan scope to include the Dakota Avenue Tributary and also the need to update the 1977 flood hazard area delineation (FHAD) to include the Dakota Avenue Tributary, North Weir Gulch and South Weir Gulch, which requires additional funds; and

WHEREAS, the Board previously authorized expenditures in the amount of \$100,000 for this Planning Study; and

WHEREAS, the District and the City and County of Denver agree that increasing the project budget by \$110,000 (\$60,000 for the planning study and \$50,000 for the FHAD) is both appropriate and necessary; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution 53, Series of 2013) which includes adequate funding for this work.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution 72, Series of 2012, Paragraph 3, is amended as follows: "The expenditures for the consulting and mapping services are estimated at ~~\$200,000~~ **\$310,000** and the District's share of total costs shall not exceed ~~\$100,000~~ **\$180,000** plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City and County of Denver.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

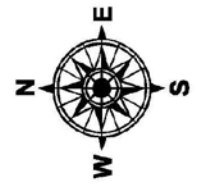
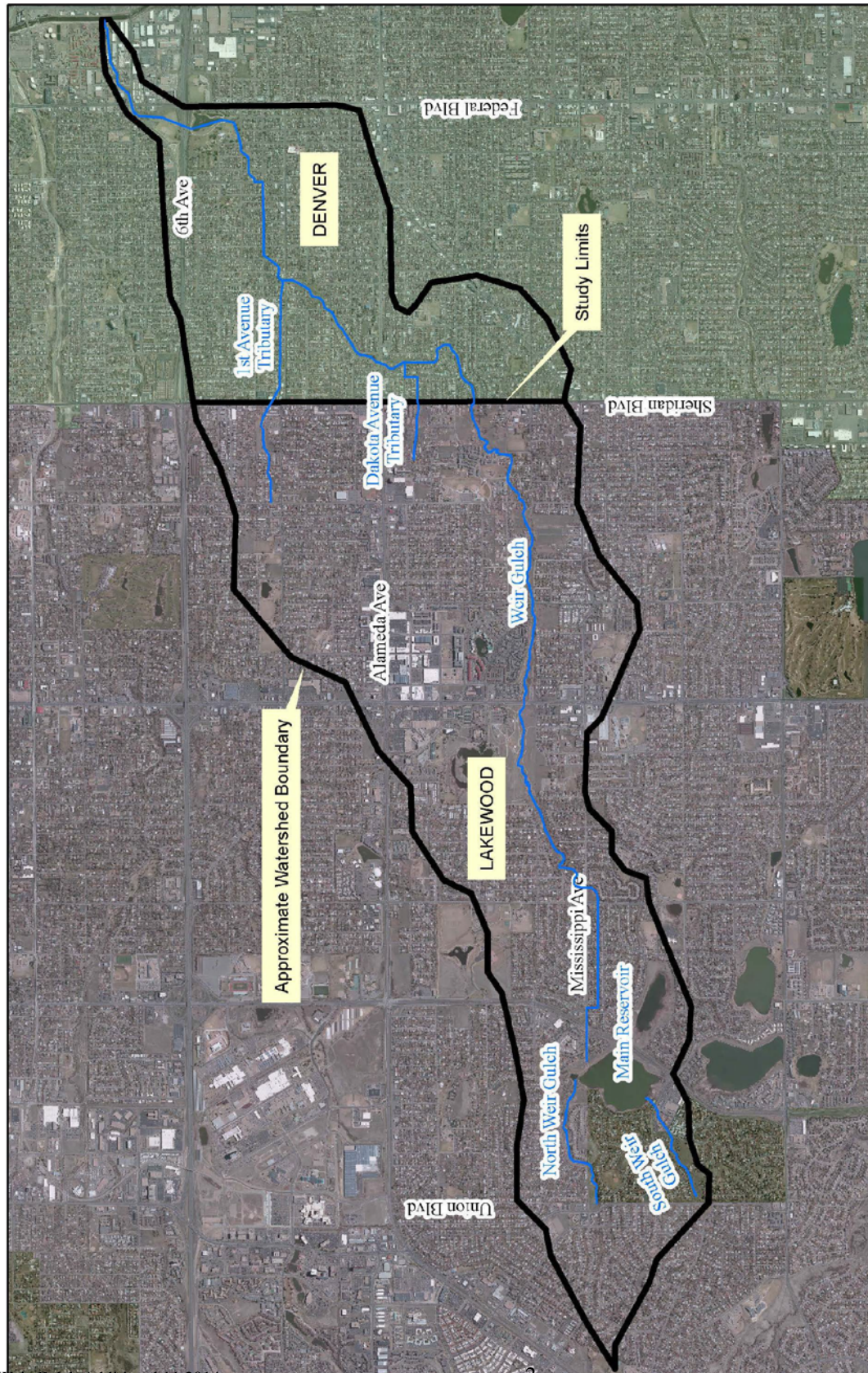
\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 57, SERIES OF 2014

(Additional Authorization for a Planning Study of Weir Gulch)



### EXHIBIT A Weir Gulch and Tributaries Major Drainage Plan & FHAD October 2014

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 58, SERIES OF 2014  
(Authorization for a Planning Study of Bear Creek at Sheridan Boulevard)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes master planning; and

WHEREAS, the City and County of Denver has expressed a desire to participate in a study leading to an alternatives analysis for Bear Creek at Sheridan Boulevard and to fund the local share; and

WHEREAS, the Board wishes to cooperate with the City and County of Denver in the identification of solutions to stormwater drainage and flood control management problems for Bear Creek at Sheridan Boulevard (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$60,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$30,000
<u>Denver</u>	<u>\$30,000</u>
TOTAL	\$60,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City and County of Denver to fund the required engineering and mapping services for the Bear Creek at Sheridan Boulevard.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$60,000 and the District's share of total costs shall not exceed \$30,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City and County of Denver.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 58, SERIES OF 2014

(Authorization for a Planning Study of Bear Creek at Sheridan Boulevard)

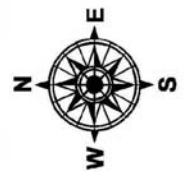


EXHIBIT A  
BEAR CREEK AT SHERIDAN  
Alternatives Analysis  
November 2014

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 59, SERIES OF 2014 (Authorization for a Planning Study of Harvard Gulch)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver and Arapahoe County have enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to Southeast Metro Stormwater Authority (SEMSWA) their rights and obligations for the Harvard Gulch planning study; and

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes master planning; and

WHEREAS, the Board previously cooperated with the City and County of Denver and Arapahoe County to prepare the “Flood Hazard Area Delineation—Harvard Gulch, West Harvard Gulch, and Dry Gulch” report (Gingery Associates, 1977); and

WHEREAS, the City and County of Denver and SEMSWA have expressed a desire to participate in a study leading to a major drainageway plan and an updated flood hazard area delineation (FHAD) for Harvard Gulch and to fund the local share; and

WHEREAS, the Board wishes to cooperate with the City and County of Denver and SEMSWA in the identification of solutions to stormwater drainage and flood control management problems for Harvard Gulch (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$250,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$50,000
Denver	\$93,000	-
<u>SEMSWA</u>	<u>\$7,000</u>	<u>-</u>
TOTAL	\$200,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City and County of Denver and the Southeast Metro Stormwater Authority (SEMSWA) to fund the required engineering and mapping services for the Harvard Gulch planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$250,000 and the District’s share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City and County of Denver and SEMSWA.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 59, SERIES OF 2014  
(Authorization for a Planning Study of Harvard Gulch)

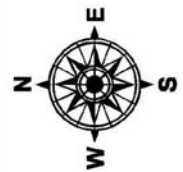
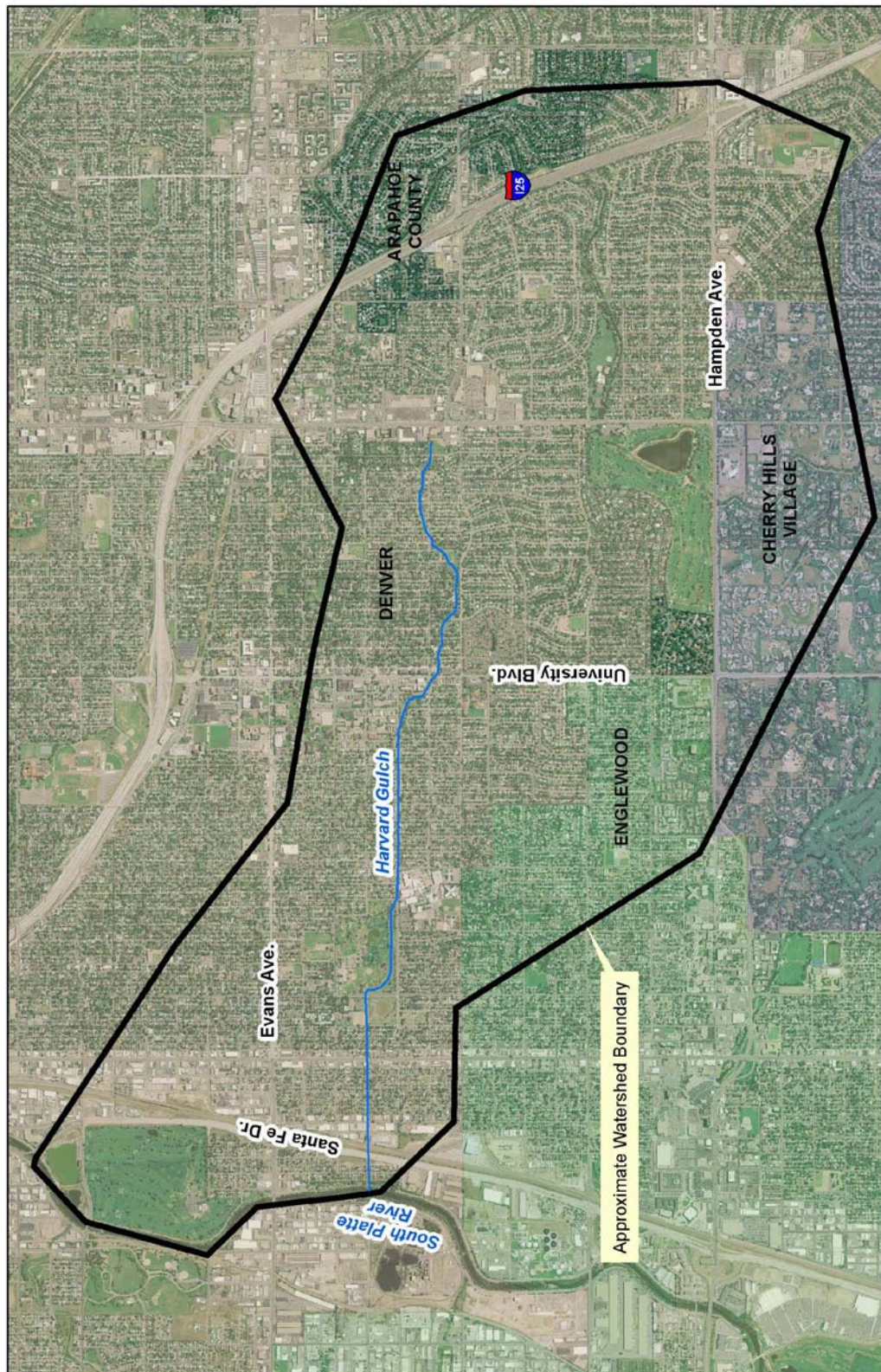


EXHIBIT A  
HARVARD GULCH  
Major Drainage Plan & FHAD  
October 2014



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 60, SERIES OF 2014 (Authorization for a Planning Study Update of Grange Hall Creek)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Northglenn, the City of Thornton, and Adams County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Northglenn, the City of Thornton, and Adams County to prepare the "Major Drainageway Planning - Grange Hall Creek" report (Hydro-Triad, 1977), and later also cooperated with Thornton and Adams County but not Northglenn to prepare the "Grange Hall Creek Major Drainageway Planning Study" report (Kiowa Engineering, 1997); and

WHEREAS, the City of Northglenn, the City of Thornton, and Adams County have expressed a desire to participate in a study leading to an updated major drainageway plan and flood hazard area delineation (FHAD) for Grange Hall Creek and tributaries and to fund the local share; and

WHEREAS, the Board wishes to cooperate with the City of Northglenn, the City of Thornton and Adams County in the identification of solutions to stormwater drainage and flood control management problems for Grange Hall Creek and tributaries (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$260,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$60,000
Northglenn	\$48,000	-
Thornton	\$44,000	-
<u>Adams Co</u>	<u>\$8,000</u>	<u>-</u>
TOTAL	\$200,000	\$60,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Northglenn, the City of Thornton, and Adams County to fund the required engineering and mapping services for the Grange Hall Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$260,000 and the District's share of total costs shall not exceed \$160,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Northglenn, the City of Thornton, and Adams County.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 60, SERIES OF 2014  
(Authorization for a Planning Study Update of Grange Hall Creek)

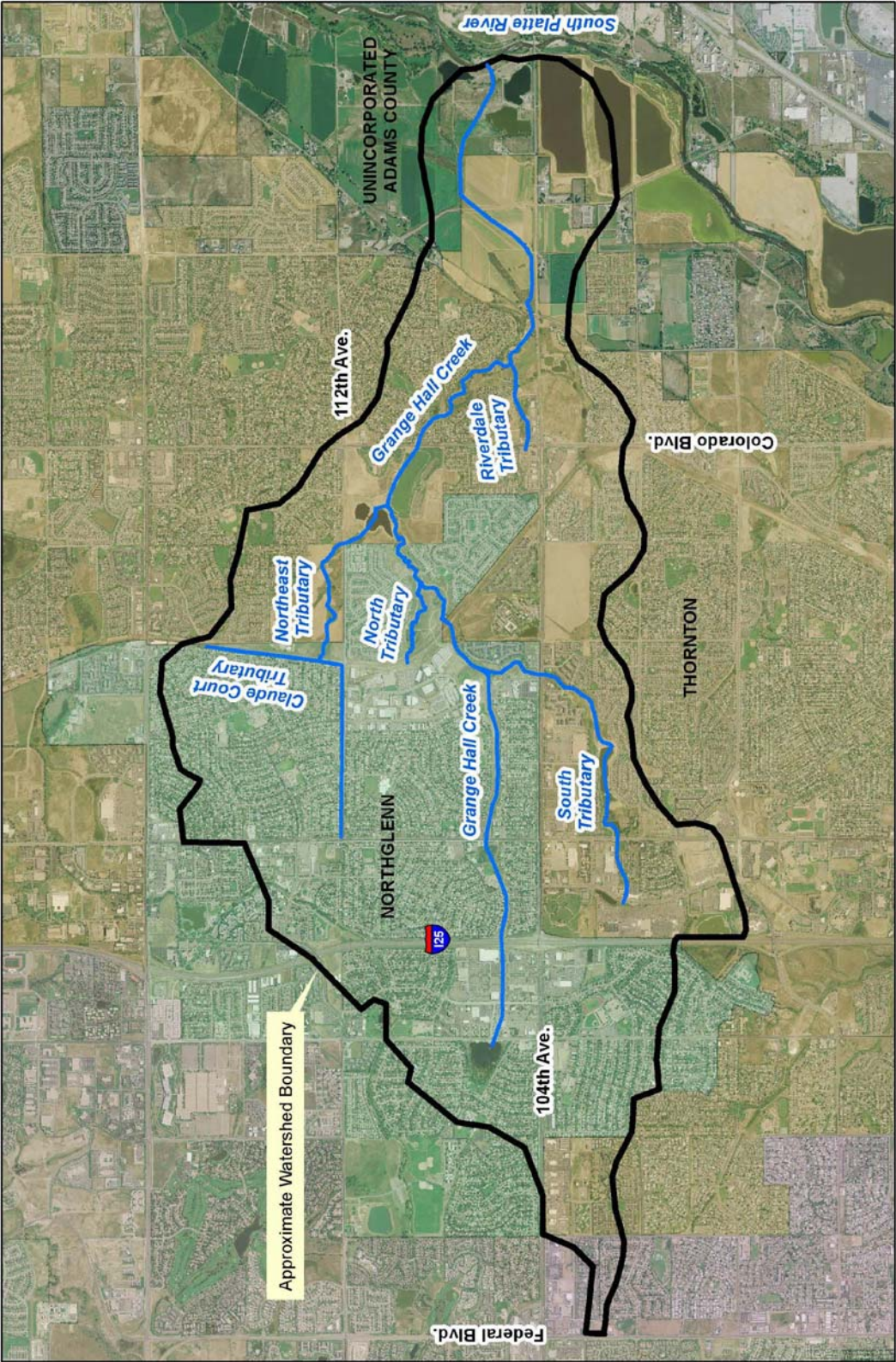


EXHIBIT A  
GRANGE HALL CREEK  
Major Drainage Plan & FHAD  
November 2014



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 61, SERIES OF 2014 (Authorization for a Planning Study of Plum Creek)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes master planning; and

WHEREAS, the Board previously cooperated with the Douglas County to prepare the “Flood Hazard Area Delineation—Plum Creek Watershed” report (WRC Engineering, 2001), and later to prepare the “Plum Creek Watershed Outfall Systems Planning Preliminary Design” report (WRC Engineering, 2003) and the “Flood Hazard Area Delineation—Plum Creek and East Plum Creek Douglas County, Colorado” report (Icon Engineering, 2004); and

WHEREAS, Douglas County has expressed a desire to participate in a study leading to a major drainageway plan and an updated flood hazard area delineation (FHAD) for Plum Creek, East Plum Creek and West Plum Creek and to fund the local share; and

WHEREAS, the Board wishes to cooperate with Douglas County in the identification of solutions to stormwater drainage and flood control management problems for Plum Creek, East Plum Creek and West Plum Creek within the District boundary (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$250,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$50,000
<u>Douglas County</u>	<u>\$100,000</u>	<u>-</u>
TOTAL	\$200,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Douglas County to fund the required engineering and mapping services for the Plum Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$250,000 and the District’s share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by Douglas County.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

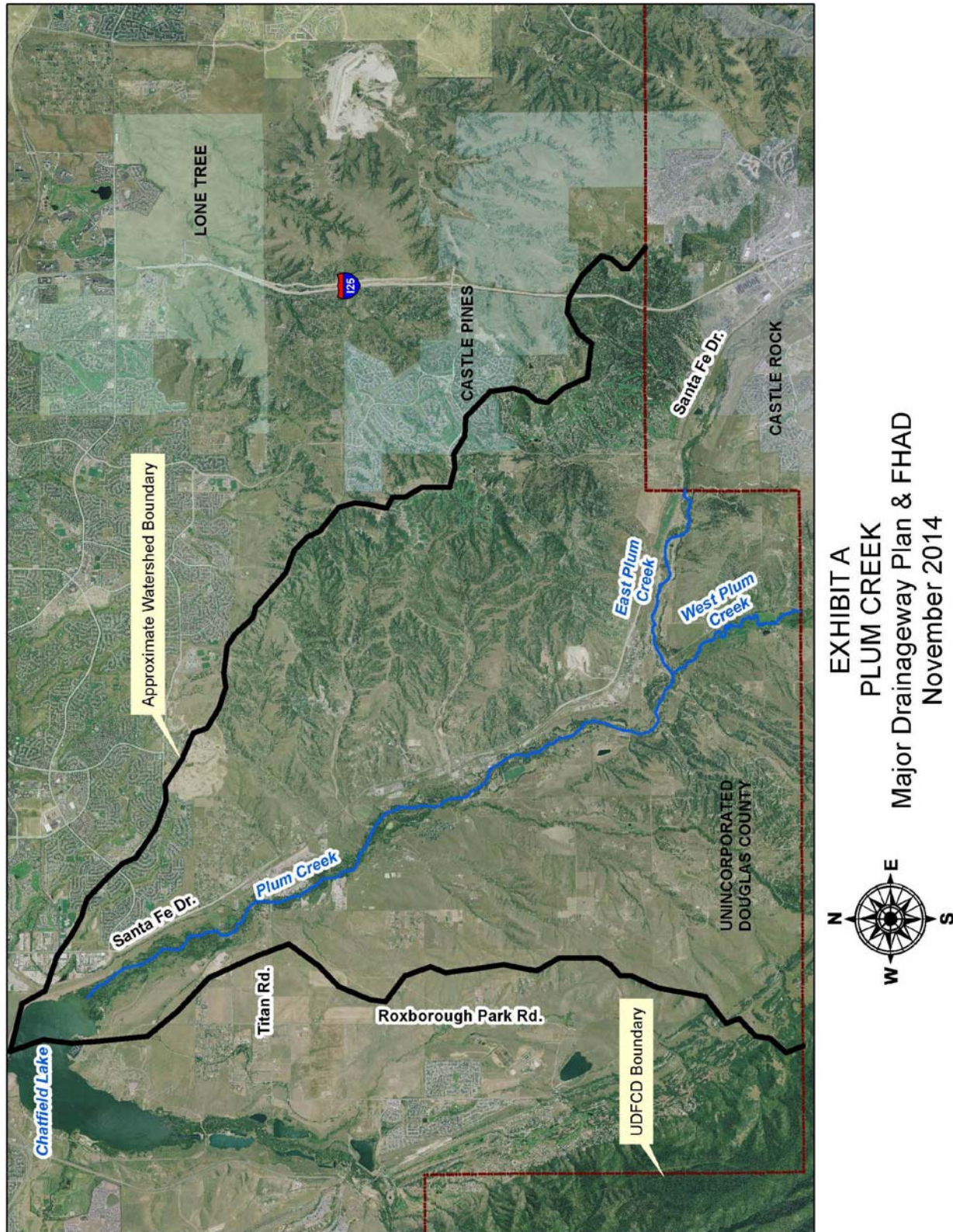
\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 61, SERIES OF 2014  
(Authorization for a Planning Study of Plum Creek)





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 62, SERIES OF 2014

(Authorization to Enter into Agreement with the U.S. Geological Survey (USGS)  
for Rainfall/Runoff Investigation)

WHEREAS, the District is authorized to conduct studies related to urban drainage, and to establish, operate, and maintain facilities related to urban drainage within the District; and

WHEREAS, the District adopted a budget for calendar year 2015 (Resolution No. 46, Series of 2014) that included sufficient funds in the Maintenance Fund for the continued support of a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the District adopted a Work Program for 2015 (Resolution 51, Series 2014) that includes maintenance funding to support a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the District has been engaged in cooperative agreements with the USGS, an agency of the federal government, since October 1970 with regard to rainfall, runoff, stream flow data collection and investigations; and

WHEREAS, the District and USGS have worked together to establish gauges on a number of major streams within the District in order to measure peak flow rates; and

WHEREAS, this data collection is necessary to calibrate the regional hydrologic model that is the basis for the design of all drainage and flood control infrastructure within the District; and

WHEREAS, the USGS has funds available to match District funds to support the continued operation and maintenance of these gauges, and has offered to renew a cooperative agreement related to such data collection; and

WHEREAS, the cost of entering into a cooperative agreement with the USGS in 2015 with regard to rainfall, runoff, and stream flow data collection and investigations is estimated at \$120,000 and sufficient funds are included in the 2015 Work Program for these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into a cooperative agreement with the USGS with regard to rainfall/runoff data collection and investigation. The expenditures of District maintenance funds in 2015 for this work shall not exceed \$120,000 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





## THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

### RESOLUTION NO. 63, SERIES OF 2014

(Authorization to Assist Communities with NPDES MS4 Permit Compliance  
to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research)

WHEREAS, the Board has since 1991, authorized District support of governments within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Stormwater Sewer System (MS4) permit requirements and related activities; and

WHEREAS, the District adopted a budget for calendar year 2015 (Resolution No. 46, Series of 2014), that included \$475,500 in the General Fund to continue assisting governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the Board has adopted the 2015 Work Program (Resolution 51, Series of 2013) which includes continuation to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the Board desires in 2015 to continue assisting governments within the District with their current and evolving MS4 permit programs by improving the understanding of the performance of various stormwater best management practices (BMPs), for which field performance data in this region is very limited; and

WHEREAS, the District has since 1974 maintained and distributed the Urban Storm Drainage Criteria Manual, originally published in 1969 by the Denver Regional Council of Governments (DRCOG), and has also made available public domain “freeware” engineering design software to support these criteria; and

WHEREAS, the District’s criteria and engineering design software are used by engineers and stormwater professionals worldwide to help them follow District criteria when developing hydrology and designing flood channels, culverts, detention basins, retention ponds, street inlets, storm sewers, and stormwater quality treatment facilities; and

WHEREAS, many governments within the District boundary require the use of District criteria and engineering design software within their jurisdictions; and

WHEREAS, the District is committed to advancing the state of the practice of drainage, flood control, and stormwater quality engineering through research projects in collaboration with state and federal agencies, Colorado universities and colleges, and other research partners, which in turn leads to improved District criteria and engineering design software to support these criteria; and

WHEREAS, the 2015 cost of support services needed to meet NPDES Phase 1 permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$160,000, the estimated cost for criteria development is estimated at \$125,000, the cost of software development is estimated at \$75,000 and the estimated cost for stormwater management research is estimated at \$115,500; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to continue to contract for necessary consulting, monitoring, education/outreach, and other services in 2015 necessary for the District to assist NPDES regulated municipalities within the District in their efforts to comply with NPDES MS4 permits. In addition, the Executive Director is authorized to extend this assistance through the design,

construction, continued field testing and the development of design guidance of stormwater BMPs for use in this region.

2. The Executive Director is authorized to execute the necessary agreements with qualified partners and consultants to assist the District in developing criteria, software, and in conducting stormwater management research.
3. The expenditure for this work in 2015 shall not exceed \$475,500 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, December 18, 2014

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
4. **Approval of November 20, 2014 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Executive Session – Executive Committee report of Director’s Annual Review**
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization of Expenditures for Electronic Data Management  
(Resolution No. 64, Series of 2014)
  - c. Authorization of 2015 Maintenance Expenditures to Assist Local Governments in  
Maintaining Existing Flood Warning Systems  
(Resolution No. 65, Series of 2014)
  - d. Authorization to Establish an Areawide Meteorological Support Service  
to Local Governments  
(Resolution No. 66, Series of 2014)
  - e. Authorization of Funds to Complete Flood Hazard Area Delineation Studies,  
Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain  
Management Activities  
(Resolution No. 67, Series of 2014)
  - f. Acceptance of Flood Hazard Area Delineation Report for Box Elder Creek  
(downstream of Jewell Avenue) and Coyote Run  
(Resolution No. 68, Series of 2014)
  - g. Support of Legislation to Protect Public Regional Stormwater Management Activities  
(Resolution No. 69, Series of 2014)
  - h. Acceptance of Senac Creek Planning Study  
(Resolution No. 70, Series of 2014)
  - i. Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Arvada Channel, City of Wheatridge, Jefferson County  
(Resolution No. 71, Series of 2014)
  - j. Authorization to Participate in Drainage and Flood Control Improvements on Coon  
Creek at Beers Sisters Lake Reservoir, Jefferson County  
(Resolution No. 72, Series of 2014)
  - k. Authorization to Participate in Drainage and Flood Control Improvements on  
Massey Draw at Deer Creek Golf Course, Jefferson County  
(Resolution No. 73, Series of 2014)

- l. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County (Resolution No. 74, Series of 2014)
- m. Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23<sup>rd</sup> Street to 24<sup>th</sup> Street, City of Golden, Jefferson County (Resolution No. 75, Series of 2014)
- n. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver (Resolution No. 76, Series of 2014)
- o. Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek at the Confluence with Sand Creek, City and County of Denver (Resolution No. 77, Series of 2014)
- p. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County (Resolution No. 78, Series of 2014)
- q. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fonder Draw at Lightening View Drive, Douglas County (Resolution No. 79, Series of 2014)
- r. Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris to Foothills, City and County of Boulder (Resolution No. 80, Series of 2014)
- s. Additional Authorization to Participate in Drainage and Flood Control Improvements on Lakewood Gulch, Wolff Street to Sheridan Boulevard (Resolution No. 81, Series of 2014)
- t. 2015 Legislative Committee (Resolution No. 82, Series of 2014)

**7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)

**8. Reports/Discussion**

- a. Executive Director's Report

**9. Other Business**

- a. Appointment of 2015 Officers

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Monday, February 02, 2015**  
**The board does not meet in January.**

**11. Adjournment**

**Happy Holidays and Happy New Year!**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

November 20, 2014

### MINUTES

#### **Members Present:**

Herb Atchison, Mayor, City of Westminster  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
George Karakehian, Mayor Pro Tem, City of Boulder  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Roth, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Charles (Chaz) Tedesco, Commissioner, Adams County

#### **Members Absent:**

Bruce Beckman, Mayor Pro Tem, City of Littleton  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Bob Murphy, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Mary Beth Susman, Council Member, City/County of Denver  
Heidi Williams, Mayor, City of Thornton

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Project Manager, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Project Manager, Floodplain Management
Laura Kroeger	Assistant Project Manager, Design, Construction, and Maintenance
David Mallory	Project Manager, Floodplain Management
Ken McKenzie	Program Manager, Master Planning
Teresa Patterson	Project Engineer, Floodplain Management
Holly Piza	Project Manager, Master Planning
David Skuodas	Project Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

None.

#### **How the Districts Works – Project Funding**

Mr. Hindman conducted a presentation entitled, “Project Funding,” for this month’s How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Joyce Downing 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. **Visitors/Guests/Staff**  
None.
  - b. **Awards/Recognitions**  
There were no awards to present at this meeting.
4. **Board Approval of October 16, 2014 Meeting Minutes**  
Mayor Joyce Downing asked if there were any corrections to the October 16, 2014 minutes. Hearing none, the minutes were approved as submitted.
5. **Public Hearing**  
Mayor Joyce Downing opened the public hearing at 1:05 pm.
  - a. **Presentation of Proposed 2014 – 2018 Five-Year Capital Improvement Plan**  
This is the final presentation of the Five-Year Capital Improvement Plan (CIP). The CIP was sent to local governments in September asking for comments to be returned to the District. Comments and requests were received from most of the local governments and they have been incorporated into the CIP to the extent possible. All requests cannot be accommodated because there are more requests than there are funds available. The draft 2014 – 2018 Five-Year CIP was distributed to Board members at the last board meeting and the final was emailed to the Board the week of the Board Meeting.  
  
Although the District welcomes CIP requests throughout the year, opportunities to change the Five-Year CIP are limited once it is adopted in November. There is a strong demand for District participation, so it is difficult to add a new project unless another project can be omitted or postponed.  
  
The Five-Year CIP has some built-in flexibility in the funding levels because matching funds from local governments tend to change throughout the year for these large CIP projects. The final Five-Year CIP is presented at the November meeting for adoption pursuant to a public hearing. Authorization for all individual CIP project expenditures will be brought before the Board during 2015.  
  
Mayor Joyce Downing requested comments or questions from the Board and public. There being none, the Presentation of Proposed 2014 – 2015 Five-Year Capital Improvement Plan was closed at 1:10 pm.
  - b. **Floodplain Map Adoption**  
Mayor Joyce Downing opened the public hearing at 1:05 pm.  
  
The District's enabling legislation allows the District to regulate floodplains and although the Board has adopted a floodplain regulation, it is not enforced so long as the local governments are regulating their floodplains within the National Flood Insurance Program (NFIP) minimum standards. We do keep the regulation up to date by adopting our new flood hazard area delineation studies (FHADs) following a public hearing.  
  
There are eight recent studies to consider for Board adoption all of which have been designated and approved by the Colorado Water Conservation Board (CWCB). It was mentioned that out of the eight studies, two are new studies and the remainder updates of previous studies. The FHAD's are available on our website.  
  
Resolution No. 55 adopts the maps, profiles, and floodway tables contained in the eight FHAD reports which are listed in the resolution and states that this information supersedes any previously



adopted information. FEMA's process for transforming these FHADs into federal regular regulatory floodplains takes about three years.

Mayor Joyce Downing requested comments or questions from the Board and public. There being none, the Floodplain Map Adoption Public Hearing was closed at 1:14 pm.

**6. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list, dated October and November 2014, had been 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. Adoption of 2015 Work Program  
(Resolution No. 51, Series of 2014)**

The 2015 Work Program sets forth primary activities of the District for each major program area. It does not authorize any expenditure. The major program areas include Design, Construction and Maintenance; Floodplain Management; Information Systems and Flood Warning; Master Planning and Special Services (USGS Data Collection, NPDES Activities, etc.). Resolution 51 adopts the Work Program for 2015. The 2015 Work Program serves as a guide and, based on changing needs, projects may be added or removed. The 2015 Work Plan consists of a built-in contingency for each county to account for unanticipated projects.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 51 on the Consent Agenda.

**c. Adoption of Five-Year Capital Improvement Plan [CIP] 2014 - 2018  
(Resolution No. 52, Series of 2014)**

Resolution No. 52, Adoption of the Five-Year CIP 2014 - 2018, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 52 on the Consent Agenda.

**d. Authorization of 2015 Maintenance Plan Expenditures  
(Resolution No. 53, Series of 2014)**

Authorization will be for the total amount of \$9,546,000 (\$6,000,000 for construction and \$3,546,000 for maintenance-type services), in the Maintenance Fund (Resolution No. 53) and \$2,522,000 (\$1,700,000 in planned construction projects) in the South Platte River Fund (Resolution No. 54). Adoption of the 2015 budget will limit expenditures in each county to each county's share determined by property tax revenue contribution.

The 2015 Maintenance Work Plan is developed to guide maintenance activities for routine and restoration projects on a county-by-county basis. The Draft 2015 Maintenance Work Plan and a South Platte River Work Plan were distributed to the Board at the last Board meeting and final documents were emailed to the Board the week of the Board Meeting.

Maintenance Work Plan priorities are based on the following:

- District owned facilities
- Facilities owned by other public entities, but partly financed with District funds
- Facilities owned by other public entities and constructed by others without District assistance
- Unimproved urban drainageways
- Unimproved rural drainageways

Both work plans are based on adding routine maintenance for facilities completed in 2014, continued commitment to facilities owned by the District or constructed with District assistance, staff knowledge of condition of drainageways, annual requests from local governments of maintenance needs, and staff contacts with local entities. Work is listed by county and category of work and includes the local government where the work is located, description of work, and the estimated cost.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 53 on the Consent Agenda.

**e. Authorization of 2015 Operation Expenditures for the South Platte River (Resolution No. 54, Series of 2014)**

Resolution No. 54, Authorization of 2015 Operation Expenditures for the South Platte River, was discussed under the previous resolution (Resolution 53).

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 54 on the Consent Agenda

**f. Adoption of Floodplain Maps for Littles Creek, Marston Lake North Drainageway, Sand Creek, Sanderson Gulch, Senac Creek, West Toll Gate Creek, Toll Gate Creek and Lower East Toll Gate Creek, and Cherry Creek (Resolution No. 55, Series of 2014)**

Resolution No. 55, Adoption of Floodplain Maps for Littles Creek, Marston Lake North Drainageway, Sand Creek, Sanderson Gulch, Senac Creek, West Toll Gate Creek, Toll Gate Creek and Lower East Toll Gate Creek, and Cherry Creek, was discussed during the Public Hearing portion of the meeting.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 55 on the Consent Agenda.

**g. Acceptance of Flood Hazard Area Delineation Report for Coal Creek and Rock Creek (Resolution No. 56, Series of 2014)**

This is a Flood Hazard Area Delineation (FHAD) Report for Coal Creek and Rock Creek located in Boulder County. Resolution No. 56 accepts the FHAD dated November 2014, recommends that the cities of Lafayette and Louisville, the Town of Erie and Superior, the City and County of Broomfield, and Boulder County adopt the report and regulate the floodplain, and directs that the report be submitted to CWCB for designation and approval. It was mentioned that the portion of the study located in Weld County (outside of the Districts boundary) was paid for by The Town of Erie.

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

**h. Additional Authorization for a Planning Study of Weir Gulch (Resolution No. 57, Series of 2014)**

In 2011, the City and County of Denver requested a master plan for Weir Gulch and the 1st Avenue Tributary. Resolution 72, Series of 2012 authorized District expenditures in the amount of \$150,000 (\$100,000 MP; \$50,000 FHAD) to be matched with \$100,000 from the City and County of Denver.

An agreement engaging the consulting firm Short Elliott Hendrickson (SEH), Inc. was entered into on May 13, 2013 and the original scope of the study included:

- Master planning alternatives along Weir Gulch from Sheridan Boulevard to South Platte River
- Master planning alternatives along 1st Avenue Tributary from Sheridan Boulevard to Weir Gulch
- FHAD along Weir Gulch from Main Reservoir to South Platte River
- FHAD along 1st Avenue Tributary

The District and the City and County of Denver have determined the scope needs to be expanded to include:

- Master planning alternatives along Dakota Avenue Tributary
- FHAD along Dakota Avenue Tributary
- FHAD along North Weir Gulch
- FHAD along South Weir Gulch

The agreement with SEH was terminated in August of 2014. An additional funding amount of \$60,000 will be required to add the scope to a new contract with Michael Baker International, who will finish the study.

Resolution No. 57 authorizes the additional expenditure of the District's share not to exceed \$30,000, to be matched by the City and County of Denver.

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

**i. Authorization for a Planning Study of Bear Creek at Sheridan Boulevard  
(Resolution No. 58, Series of 2014)**

In 2012, the City and County of Denver requested an alternatives analysis plan for a reach of Bear Creek upstream of Sheridan Boulevard. The hydrology for Bear Creek was established in the South Platte River Chatfield Dam to Baseline Road Major Drainageway Plan (Wright Water Engineers, 1985) and will be used for this study.

The effective 100-year floodplain for Bear Creek is well outside the channel banks upstream of Sheridan Boulevard, inundating multiple high dollar properties. The City and County of Denver would like to develop alternatives to mitigate this flood hazard.

The total master planning costs are projected to be \$60,000. The City and County of Denver will contribute \$30,000 and Resolution No. 58 authorizes the expenditure of the District's share not to exceed \$30,000 plus interest earned in the project's trust and agency account.

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

**j. Authorization for a Planning Study of Harvard Gulch  
(Resolution No. 59, Series of 2014)**

In 2010, the City and County of Denver requested a master plan update for Harvard Gulch. The Southeast Metro Stormwater Authority (SEMSWA) agreed to participate in the study since there is a small portion of unincorporated Arapahoe County within the watershed. The watershed was previously studied by the City and County of Denver in 1967 but has never been formally studied by the District.

Denver would like to evaluate options to reduce the flood hazard to properties along Harvard Gulch in conjunction with Denver Parks Department improvements along the gulch wherever practicable. The FHAD budget is set at \$50,000 and the master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. Resolution No. 59 authorizes the expenditure of the District's share not to exceed \$150,000 plus interest earned in the project's trust and agency account.

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

**k. Authorization for a Planning Study Update of Grange Hall Creek  
(Resolution No. 60, Series of 2014)**

In 2010, Thornton requested a master plan update and FHAD for Grange Hall Creek and its tributaries. Northglenn and Adams County agreed to participate in the study and to fund the local share. Grange Hall Creek is a west bank tributary to the South Platte River north of Denver. The tributaries to be studied include Riverdale Tributary (also known as Southeast Tributary), South Tributary, North Tributary, Northwest Tributary and Claude Court Tributary.

The watershed was previously studied by the District, Northglenn, Thornton and Adams County in 1977, culminating in the "Major Drainageway Planning - Grange Hall Creek" by Hydro Triad. Segments of the drainageway and tributaries were restudied in 1997 by

the District, Thornton, and Adams County, as presented in the “Grange Hall Creek Watershed Major Drainageway Planning Study” by Kiowa Engineering Corporation.

Thornton requested the study because the 1997 MDP does not reflect the regulatory FEMA floodplain and the HEC-2 model included in the technical appendix does not match the floodplain mapping and profiles presented in the study. Also, RTD is currently working on the development of the North Metro Corridor Fastracks line and any improvements along Grange Hall Creek and its tributaries within the Fastracks corridor could be implemented with that design.

The FHAD budget is set at \$60,000 and the master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. Resolution No. 60 authorizes the expenditure of the District’s share not to exceed \$160,000 plus interest earned in the project’s trust and agency account.

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

**l. Authorization for a Planning Study of Plum Creek  
(Resolution No. 61, Series of 2014)**

In 2013, Douglas County requested a major drainageway plan and FHAD for Plum Creek, East Plum Creek, and West Plum Creek. East Plum Creek and West Plum Creek both originate on the Palmer Divide and flow north into the District. East Plum Creek is the main drainageway that flows through Castle Rock parallel to I-25. West Plum Creek flows parallel to Perry Park Road. The two streams confluence to become Plum Creek near Sedalia within the District’s boundaries. Plum Creek then flows to the north parallel to Santa Fe Drive until it enters Chatfield Lake.

The watershed was previously studied by the District and Douglas County in 2003, culminating in a “Plum Creek Watershed Outfall Systems Planning Preliminary Design Report” by WRC Engineering. This study focused on improvements along the tributaries to Plum Creek and not the mainstem itself. The hydrology developed from the previous study will be used for the new MDP.

The FHAD budget is set at \$50,000 and the master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. Resolution No. 61 authorizes the expenditure of the District’s share not to exceed \$150,000 plus interest earned in the project’s trust and agency account.

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

**m. Authorization to Enter Into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation)  
(Resolution No. 62, Series of 2014)**

Hydrology is the study of rainfall and resulting stormwater runoff. It is the foundation for all of the District’s drainage and flood control design. The District has been part of a cooperative agreement with the USGS regarding rainfall and runoff investigations and peak flow data collection since 1982.

The cost of entering into a cooperative agreement with the USGS with regard to rainfall, runoff, and stream flow data collection and investigation is estimated at \$120,000, which funds are available in the 2015 Work Program.

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

**n. Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 63, Series of 2014)**

Since 1991, the District has been assisting municipalities within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements and related activities.

The cost of continued support services needed to meet NPDES Phase I permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$160,000, the estimated cost for criteria development is estimated at \$125,000, the cost of software development is estimated at \$75,000, and the cost for stormwater management research is estimated at \$115,500.

The Board has adopted the 2015 Work Program (Resolution 51, Series of 2014) which includes a total of \$475,500 to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research.

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

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

It was the consensus of the Board that Resolutions No. 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, and 63 Series of 2014, and Cash Disbursements dated October and November 2014 be placed on the Consent Agenda. Mayor Atchison moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**9. Other Business**

**a. Call for Volunteers: Nominating Committee for 2015 Officers**

Mayor Joyce Downing requested volunteers to serve on the Nominating Committee for the 2015 Executive Committee. The following board members volunteered their services:

1. Mayor McNulty
2. Mayor Pro Tem McGoff
3. Commissioner Sharpe

At the December Board meeting, the Nominating Committee will announce their recommendations and the Board will then vote on the recommendations. Mayor Joyce Downing also requested that any Board member looking to serve on the Executive Committee should inform Mr. Hindman or anyone on the Nominating Committee.

**b. Call for Volunteers: 2015 Legislative Committee**

Mr. Hindman requested volunteers to serve on the Board's Legislative Committee. Mr. Hindman explained that this committee meets when new bills that affect our District are introduced. It was also mentioned that 2015 will be a very busy year for the Legislative Committee considering the water rights versus detention basins legislation that we are helping support. With this being a potentially active year for the committee, it was decided to adopt a resolution to assist the Legislative Committee by outlining their role and responsibility to the Board of Directors. A resolution will be brought to the Board at the December Board Meeting. The following Board members volunteered to serve on the 2015 Legislative Committee:

1. Commissioner Charles (Chaz) Tedesco
2. Commissioner Nancy Sharpe
3. Mr. David Sellards

**10. Announcements**

The next board meeting will take place on Thursday, December 18, 2014.

**11. Adjournment**

Mayor Joyce Downing adjourned the meeting at 2:10 pm.

# Executive Director's Report

November 20, 2014

## ADMINISTRATIVE

For Halloween, we held our 3rd Annual Chili Cook-off Potluck and our talented Senior Admin Assistant, Geanesia Hinton, coordinated the entire event. The potluck was a huge success, and while the chili competition was fierce, Wanda Salazar won with an amazing recipe! Many thanks to all the contributors and especially Geanesia for putting together all the fun and games.

The District held its annual all-staff training on Enneagrams. For those of you who don't know what an enneagram is (and I definitely fell into that category), it's a personality system that describes nine distinct ways that people interact with each other. I'm defined as a "nine". Abraham Lincoln, Dwight D. Eisenhower, and Gerald Ford were all "nine's" so I think I'm in pretty good company. In general, this self-evaluation allows me to better understand how I interact with people who are different than me. This was a very informative class that benefited our entire office.

I had a short conversation with a staff member from the Town of Castle Rock regarding the procedure for increasing the District boundaries to possibly include Castle Rock. Should they desire to move this effort forward, I offered my services to attend any meetings or study sessions to provide additional detailed information about the District and the procedure to move our boundaries. I'll keep the Board informed of any future developments.

## PROGRAM

**Design and Construction:** As we close in on the first year since implementing the Project Partners approach, I've received lots of positive feedback from our local governments as to how great this program is working. As a refresher, the basic procedure for construction projects is to have the District/Local Government team select an engineer from our approved list along with a contractor skilled in the proposed type of work. Then all four groups work together to both design and build the project. Everyone is confident that we are getting a better project and many times at a lower cost.

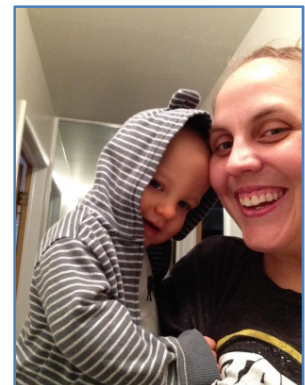
**Floodplain Management:** Recently, several local governments requested us to take another look at floodplains within developed watersheds that were studied many years ago. The studies are called Flood Hazard Area Delineation reports or FHAD's. Because we now have many more years of data to evaluate, along with better techniques to estimate flooding, some of the new results have brought to light additional homes which are at risk of flooding. We are working with the local governments to evaluate the appropriate way to disseminate this information to the public.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Government:** Ken MacKenzie and I met with the State Engineer, Colorado Department of Public Health and Environment, and the Colorado Department of Natural Resources to discuss the issue of needing a water right for regional dry detention basins. The discussion solidified the need to move forward with legislation to resolve the issue which would provide the State Engineer clarity on how to regulate regional basins.

## PERSONAL

You may be tired of hearing about my grandson, Link, but that is what grandpa's are supposed to do. He's turning one year old this Saturday and we are looking forward to celebrating with him in Stillwater, OK. My mom will be flying in from Phoenix to meet him for the first time. Here's a recent picture of Link and his mom.







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 64, SERIES OF 2014  
(Authorization of Expenditures for Electronic Data Management)

WHEREAS, the District previously developed an information technology infrastructure and web map application to support the management and public availability of District electronic data and information (Resolution No. 44, Series of 2009); and

WHEREAS, the District purchased a records management software package to administer and retain electronic documents in compliance with the District's records retention policy (Resolution No. 45, Series of 2012); and

WHEREAS, the District desires to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information; and

WHEREAS, the District previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes the provision to continue development of District GIS capability; and

WHEREAS, the District has adopted a budget for calendar year 2015, subsequent to public hearing, (Resolution No. 46, Series of 2014) which includes funds for electronic data management.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, consultant(s), and others as necessary for maintenance and development of additional electronic data management functionality.
2. The cost of these services shall not exceed \$100,000 for calendar year 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Dated: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 65, SERIES OF 2014

(Authorization of 2015 Maintenance Expenditures to Assist Local Governments in  
Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2015 (Resolution No. 46, Series of 2014) that includes \$465,000 in the Special Revenue Fund - Maintenance for maintenance of flood warning equipment; and

WHEREAS, the District in cooperation with local governments has installed flood detection networks using ALERT gauging equipment for Boulder Creek, South Boulder Creek, Lena Gulch, Ralston Creek, Westerly Creek, Toll Gate Creek, Goldsmith Gulch, Harvard Gulch, Bear Creek, Douglas County, Southwest Denver and Upper Sand Creek; and

WHEREAS, the District has installed ALERT gauging equipment at a number of flood control facilities in which the District participated in the funding and construction thereof; and

WHEREAS, the District has installed ALERT gauging equipment on the South Platte River, Cherry Creek and Sand Creek in conjunction with the National Pollutant Discharge Elimination System (NPDES) requirements for Phase I communities; and

WHEREAS, the District adopted a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes the continuation of a program to provide meteorological services to local governments that begins on April 15 and relies in part on the ALERT flood detection networks; and

WHEREAS, the gauging equipment including self-reporting rain and water level sensors, weather stations, repeater stations, and associated radio receiving and transmitting equipment needs to be re-installed and will require maintenance on a regular basis in order to operate dependably; and

WHEREAS, flood warning maintenance activities must start early in the calendar year in order for the flood detection system to be fully operational by April 15.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to negotiate and execute necessary agreements to provide flood warning system maintenance assistance to local governments for the 2015 flood season.
2. The costs of these services shall not exceed \$465,000 for calendar year 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 66, SERIES OF 2014  
(Authorization to Establish an Areawide Meteorological  
Support Service to Local Governments)

WHEREAS, the District adopted a budget for calendar year 2015 (Resolution No. 46, Series of 2014) that included \$150,000 in the General Fund for meteorological services and data and communication costs associated with the flood warning radar/satellite system; and

WHEREAS, the District has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes the provision of meteorological services to supplement National Weather Service watches and warnings; and

WHEREAS, the District has previously acquired a radar and satellite data display system for flood warning (Resolution No. 12, Series of 1993) which requires the assistance of a private meteorological service.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with a qualified meteorologist(s) to provide meteorological services to local governments for the 2015 flood season.
2. The costs of these services shall not exceed \$111,000 for calendar year 2015 without further approval of the Board.
3. The Executive Director is also authorized to pay reasonable and necessary equipment costs, communications charges, data acquisition fees and other costs required to operate the radar/satellite system and to make flood warning information available to local governments, which costs shall not exceed \$39,000 for calendar year 2015 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 67, SERIES OF 2014

(Authorization of Funds to Complete Flood Hazard Area Delineation Studies,  
Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities)

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which includes the delineation of flood hazard areas and coordination of Federal Emergency Management Agency (FEMA) efforts within the District; and

WHEREAS, the Board, in a policy statement previously adopted and reaffirmed (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the Board adopted a budget for calendar year 2015 (Resolution No. 46, Series of 2014) that included \$370,000 in the General Fund for Flood Hazard Area Delineation studies, Letter of Map Change Studies, Risk MAP studies, and other Floodplain Management Activities; and

WHEREAS, routine requests are received from local governments throughout the year for Flood Hazard Area Delineation studies or Letter of Map Revision studies; and

WHEREAS, FEMA may have funds available in 2015 for Risk MAP studies, which will require an as yet undetermined local contribution.

### NOW THEREFORE BE IT RESOLVED THAT:

1. The Executive Director is authorized to expend the \$370,000 in the Floodplain Management budget for 2015, as well as any funds received from cooperating entities, or FEMA for the completion of Flood Hazard Area Delineation Studies, Letter of Map Revision Studies and/or Risk MAP projects requested by one or more local governments within the District, public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices.
2. The Executive Director shall report the initiation of any such studies to the Board of Directors on a timely basis.
3. Such approval for expenditure of funds is contingent upon the benefiting local government agreeing to regulate and control the floodplain defined by the study in accordance with National Flood Insurance Program regulations as a minimum.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2014  
(Acceptance of Flood Hazard Area Delineation Report for  
Box Elder [downstream of Jewell Avenue] and Coyote Run)

WHEREAS, the Board has previously established a Work Program for 2015 (Resolution No. 51, Series of 2014) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 63, Series of 2011); and

WHEREAS, the Executive Director has executed an agreement with Olsson Associates for a master planning and flood hazard area delineation study of Box Elder Creek (downstream of Jewell Avenue) and Coyote Run; and

WHEREAS, a report "Flood Hazard Area Delineation, Box Elder Creek (downstream of Jewell Avenue) and Coyote Run," dated December 2014, has been completed by Olsson Associates; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, et seq. C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation, Box Elder Creek (downstream of Jewell Avenue) and Coyote Run," dated, December 2014 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the City of Aurora, the City and County of Denver, Adams and Arapahoe County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

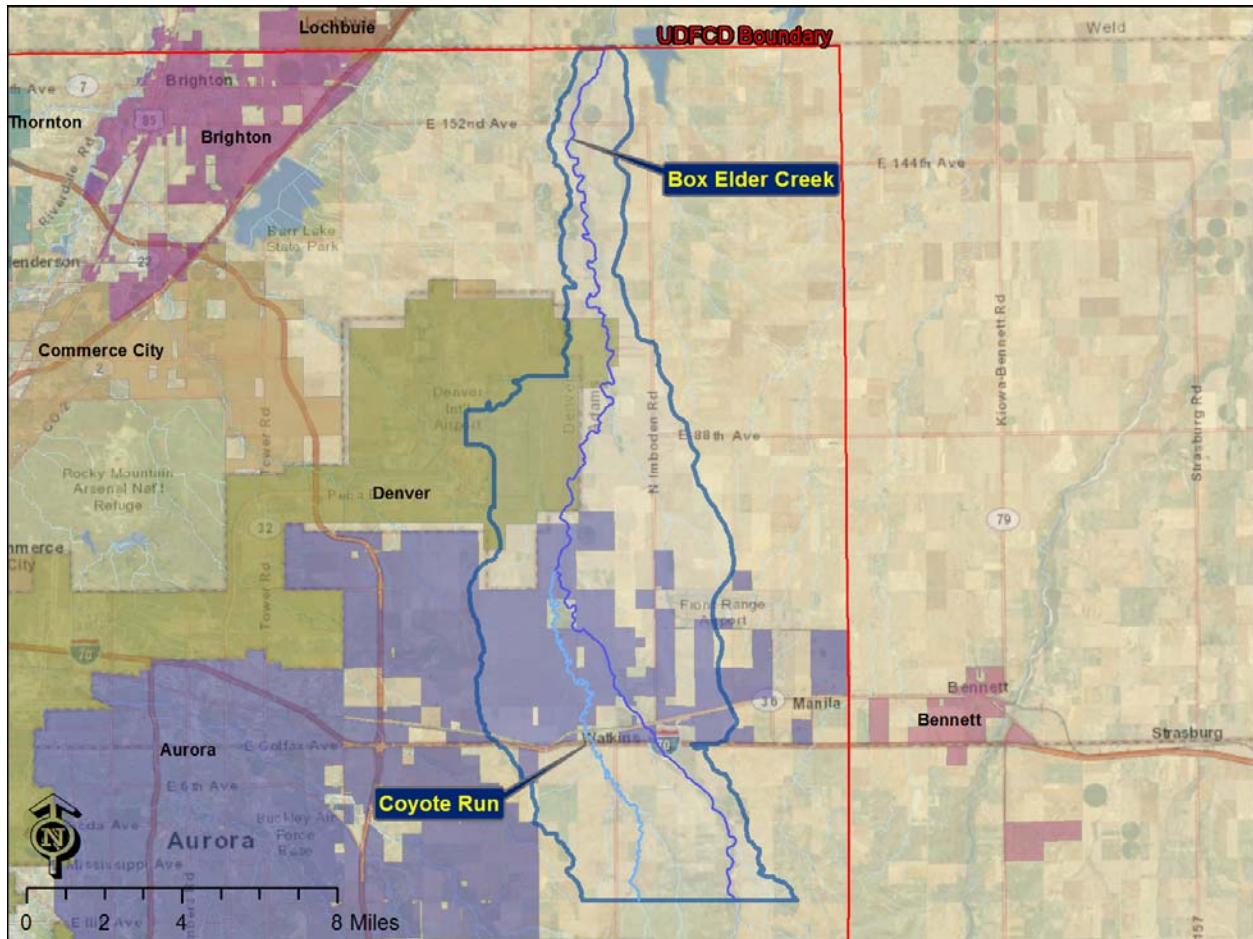
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Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 68, SERIES OF 2014

(Acceptance of Flood Hazard Area Delineation Report for  
Box Elder Creek [downstream of Jewell Avenue Avenue] and Coyote Run)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 69, SERIES OF 2014

(Support of Legislation to Protect Public Regional Stormwater Management Activities)

WHEREAS, management of stormwater from urban areas is essential to preserve lives, protect public health and safety, avoid damage to downstream property and stream systems, and to comply with state and federal law; and

WHEREAS, since 1972, the District (in collaboration with local governments) has recommended, planned, constructed, and maintained regional stormwater detention for downstream flood mitigation; and

WHEREAS, since 1992 the District, in collaboration with local governments and in furtherance of those local governments' compliance with their obligations under each of their Colorado Department of Public Health and Environment (CDPHE) issued MS4 Permits, has also recommended, planned, constructed, and maintained regional stormwater extended detention featuring slow release in order to remove sediment and associated pollutants and also to protect the receiving stream from degradation; and

WHEREAS, the Colorado Division of Water Resources (DWR), also known as the Office of the State Engineer, has allowed stormwater management including detention and infiltration on individual sites providing those practices conform to the May 21, 2011 DWR memorandum titled *Administrative Approach for Storm Water Management*; and

WHEREAS, having been silent on regional stormwater management since 1972, the State Engineer has recently determined that regional stormwater detention constitute a diversion of water that is subject to water rights administration and that these facilities do not fall within the scope of the *Administrative Approach for Storm Water Management*; and

WHEREAS, the impact on stream flows of regional stormwater management facilities that are operated in accordance with modern parameters is fundamentally equivalent to individual site stormwater management; and

WHEREAS, subjecting regional stormwater management facilities to water rights administration by the State Engineer will require that stormwater management agencies obtain for each such facility a water court decree for a "plan for augmentation" or other form of water court decree; and

WHEREAS, the process for obtaining a water court decree is an adversarial, expensive, and time-consuming process, with no guarantee of success; and

WHEREAS, the State Engineer's position is unjustified and would mandate a major shift in policy and a substantial increase in the cost of managing stormwater for municipalities and counties who are required by state and federal law to provide flood protection and stormwater quality management; and

WHEREAS, the State Engineer's position threatens hundreds of existing and future regional stormwater management facilities for every urbanized area of the State since local governments will be required to divert budgeted funds away from construction of facilities to obtaining water court decrees which may not always be possible; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board declares that regional stormwater management for the purpose of downstream flood mitigation, sediment and pollutant removal, and protection of the receiving stream from degradation is a necessary responsibility of Colorado municipalities and counties that should not be subject to water rights administration because these facilities do not cause injury to water rights.

2. The Board declares its intent to support a bill, in conjunction with municipalities and counties within the District, which is intended to be introduced in the Colorado General Assembly in 2015 or future year to adopt legislation that would exempt publicly owned regional stormwater management from administration and curtailment by the Colorado Division of Water Resources.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2014  
(Acceptance of Senac Creek Planning Study)

WHEREAS, the Board cooperated with the City of Aurora and the Southeast Metro Stormwater Authority (SEMSWA) in the preparation of a major drainageway planning study for Senac Creek (Resolution No. 27, Series of 2013); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Matrix Design Group, Inc. to conduct studies and prepare a major drainageway planning report for Senac Creek; and

WHEREAS, the District reviewed the alternatives presented by Matrix Design Group, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora and SEMSWA; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the "Senac Creek Major Drainageway Plan," dated December 2014.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Senac Creek Major Drainageway Plan" dated December 2014, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2014  
(Acceptance of Senac Creek Planning Study)

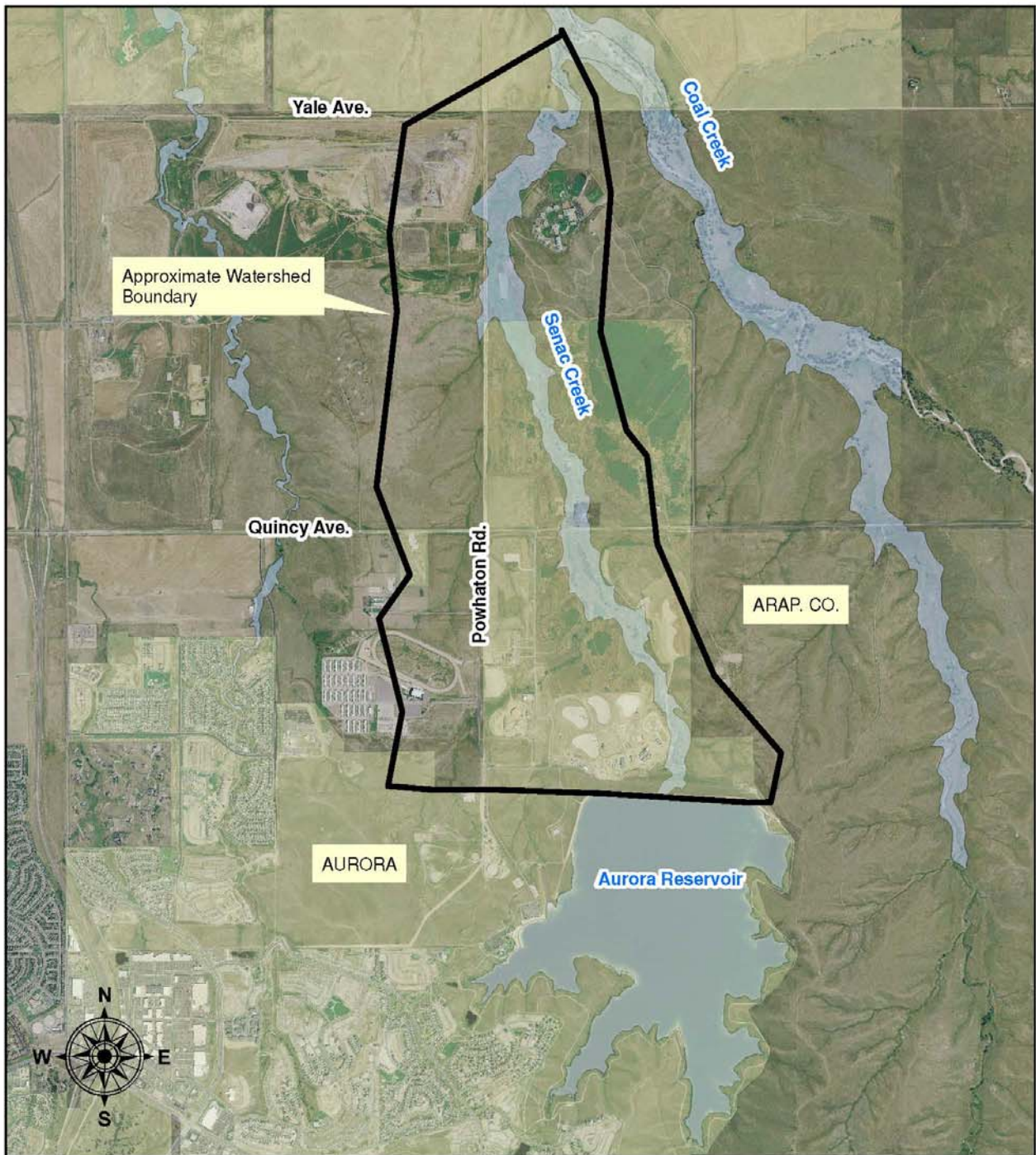


EXHIBIT A  
Senac Creek Major Drainageway Plan  
Approximate Study Limits  
July 2013



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 71, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Arvada Channel, City of Wheat Ridge, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Wheat Ridge has enacted floodplain regulations; and

WHEREAS, the City of Wheat Ridge and the District cooperated in the preparation of "Construction Drawings for Construction of Arvada Channel (Miller Street to Oak Street)," dated August 2014; and

WHEREAS, the Board previously authorized (Resolution No. 30, Series of 2014) \$500,000 for design and construction of improvements along Arvada Channel (Exhibit A); and

WHEREAS, the City of Wheat Ridge, the Regional Transportation District (RTD), and the District now desire to construct improvements along Arvada Channel; and

WHEREAS, the City of Wheat Ridge and the District have estimated the additional project costs to be \$300,000 resulting in a revised total project cost of \$2,300,000 (\$650,000 District; \$1,500,000 RTD; \$150,000 City of Wheat Ridge); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Arvada Channel; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along Arvada Channel were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 30, Series of 2014, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Arvada Channel project without prior approval of the Board shall be ~~\$500,000~~ **\$650,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Wheat Ridge and the Regional Transportation District (RTD)."
2. All other conditions and authorizations remain as stated in Resolution No. 30, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 71, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Arvada Channel, City of Wheat Ridge, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 72, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Coon Creek at Beers Sisters Lake Reservoir, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County, Foothills Park and Recreation District, and the District, cooperated in the preparation of "Dutch Creek, Coon Creek, Lilley Gulch and Three Lakes Tributary Major Drainageway Planning and Flood Hazard," dated June 2014; and

WHEREAS, Jefferson County, Foothills Park and Recreation District, and the District, have entered into "Agreement Regarding the Intent to Assure the Flood Routing capacity of Beers Sisters Lake Reservoir in Jefferson County" (Agreement No. 13-01.42), dated June 17, 2014; and

WHEREAS, Jefferson County and the Foothills Park and Recreation District have requested District participation in the design, acquisition of right-of-way, and construction of improvements along Coon Creek at Beers Sisters Lake Reservoir (Exhibit A); and

WHEREAS, Jefferson County and the Foothills Park and Recreation District have estimated the total project costs to be \$300,000; and

WHEREAS, the District's participation being authorized by this resolution is \$150,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Coon Creek at Beers Sisters Lake Reservoir; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 52, Series of 2014) in which the improvements along Coon Creek at Beers Sisters Lake Reservoir were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County and the Foothills Park and Recreation District for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coon Creek at Beers Sisters Lake Reservoir.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others, as necessary, for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coon Creek at Beers Sisters Lake Reservoir.
3. The District's maximum contribution to the Coon Creek at Beers Sisters Lake Reservoir project, without prior approval of the Board, shall be \$150,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County and the Foothills Park and Recreation District.

4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Coon Creek at Beers Sisters Lake Reservoir project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



RESOLUTION NO. 72, SERIES OF 2014  
(Authorization to Participate in Drainage and Flood Control Improvements  
on Coon Creek at Beers Sisters Lake Reservoir, Jefferson County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 73, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Massey Draw at Deer Creek Golf Course, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Massey Draw and SJCD (South) Major Drainageway Planning Update," dated February 2006; and

WHEREAS, Jefferson County has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Massey Draw at Deer Creek Golf Course (Exhibit A); and

WHEREAS, Jefferson County has estimated the total project costs to be \$1,800,000; and

WHEREAS, the District's participation being authorized by this resolution is \$900,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Massey Draw at Deer Creek Golf Course; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 52, Series of 2014) in which the improvements along Massey Draw at Deer Creek Golf Course were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Massey Draw at Deer Creek Golf Course.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others, as necessary, for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Massey Draw at Deer Creek Golf Course.
3. The District's maximum contribution to the Massey Draw at Deer Creek Golf Course project, without prior approval of the Board, shall be \$900,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County.
4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Massey Draw at Deer Creek Golf Course project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

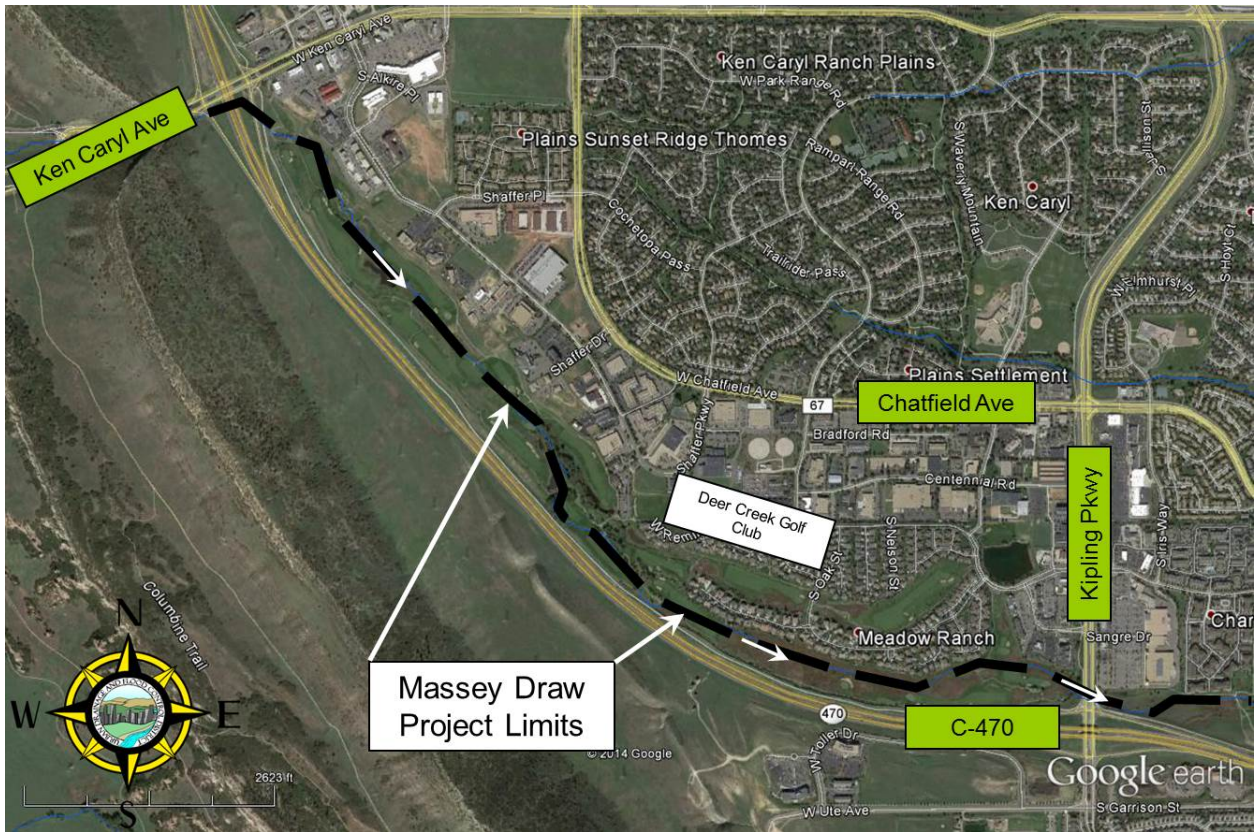
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 73, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Massey Draw at Deer Creek Golf Course, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 74, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Lakewood has enacted floodplain regulations; and

WHEREAS, the City of Lakewood and the District cooperated in the preparation of "Outfall Systems Planning, North Dry Gulch," dated October 1995; and

WHEREAS, the Board previously authorized (Resolution No. 65, Series of 2008; Resolution No. 42, Series of 2011; Resolution No. 25, Series of 2013; and Resolution No. 60, Series of 2013) \$1,675,000 for design, acquisition of right-of-way, and construction of improvements along North Dry Gulch from Lamar Street to Teller Street (Exhibit A); and

WHEREAS, the City of Lakewood and the District now desire to design and construct the improvements along North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the City of Lakewood has estimated the additional project costs to be \$900,000 resulting in a revised total project cost of \$4,250,000 (\$2,125,000 District; \$2,125,000 Lakewood); and

WHEREAS, the District's additional participation being authorized by this resolution is \$450,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along North Dry Gulch from Lamar Street to Teller Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 65, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the North Dry Gulch from Lamar Street to Teller Street project without prior approval of the Board shall be ~~\$1,675,000~~ **\$2,125,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood."
2. All other conditions and authorizations remain as stated in Resolution No. 65, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 74, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 75, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Golden has enacted floodplain regulations; and

WHEREAS, the City of Golden and the District cooperated in the preparation of "Major Drainageway Planning – Golden, Tucker Gulch/Kenneys Run," dated September 1983; and

WHEREAS, the Board previously authorized (Resolution No. 33, Series of 2012; Resolution No. 17, Series of 2013; and Resolution No. 59, Series of 2013) \$650,000 for design, acquisition of right-of-way, and construction of improvements along West Fork Kenneys Run from approximately 300 feet downstream of 23<sup>rd</sup> Street to approximately 300 feet upstream of 24th Street (Exhibit A); and

WHEREAS, the City of Golden and the District now desire to construct improvements along West Fork Kenneys Run from approximately 23rd Street to 24th Street; and

WHEREAS, the City of Golden has estimated the additional project costs to be \$600,000 resulting in a revised total project cost of \$1,900,000 (\$950,000 District, \$950,000 City of Golden); and

WHEREAS, the District's additional participation being authorized by this resolution is \$300,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along West Fork Kenneys Run from 23rd Street to 24th Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along West Fork Kenneys Run from 23rd Street to 24th Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 33, Series of 2012, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the West Fork Kenneys Run from 23rd Street to 24th Street project without prior approval of the Board shall be ~~\$650,000~~ **\$950,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by City of Golden."
2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 75, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 76, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Cherry Creek Stabilization Plan Update," dated December 2011; and

WHEREAS, the Board previously authorized (Resolution No. 31, Series of 2011; Resolution No. 46, Series of 2011; Resolution No. 13, Series of 2012; and Resolution No. 58, Series of 2013) \$850,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue (Exhibit A); and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$500,000 resulting in a revised total project cost of \$2,200,000 (\$1,100,000 District, \$1,100,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 52, Series of 2014) in which the improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 31, Series of 2011, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek from Monaco Parkway to East Iliff Avenue project without prior approval of the Board shall be ~~\$850,000~~ **\$1,100,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 31, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 76, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 77, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Westerly Creek at the Confluence with Sand Creek, City and County of Denver)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973), expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Westerly Creek Drainageway Update, Major Drainageway Plan," dated July 2010; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Westerly Creek at the Confluence with Sand Creek (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total project costs to be \$700,000; and

WHEREAS, the District's participation being authorized by this resolution is \$350,000; and

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Westerly Creek at the Confluence with Sand Creek; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 52, Series of 2014) in which the improvements along Westerly Creek at the Confluence with Sand Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek at the Confluence with Sand Creek.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek at the Confluence with Sand Creek.
3. The District's maximum contribution to the Westerly Creek at the Confluence with Sand Creek project, without prior approval of the Board, shall be \$350,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Westerly Creek at the Confluence with Sand Creek.
4. Such approval for expenditure of District funds is contingent upon the City and County of Denver agreeing to regulate and control any defined floodplain in the Westerly Creek at the Confluence with Sand Creek project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

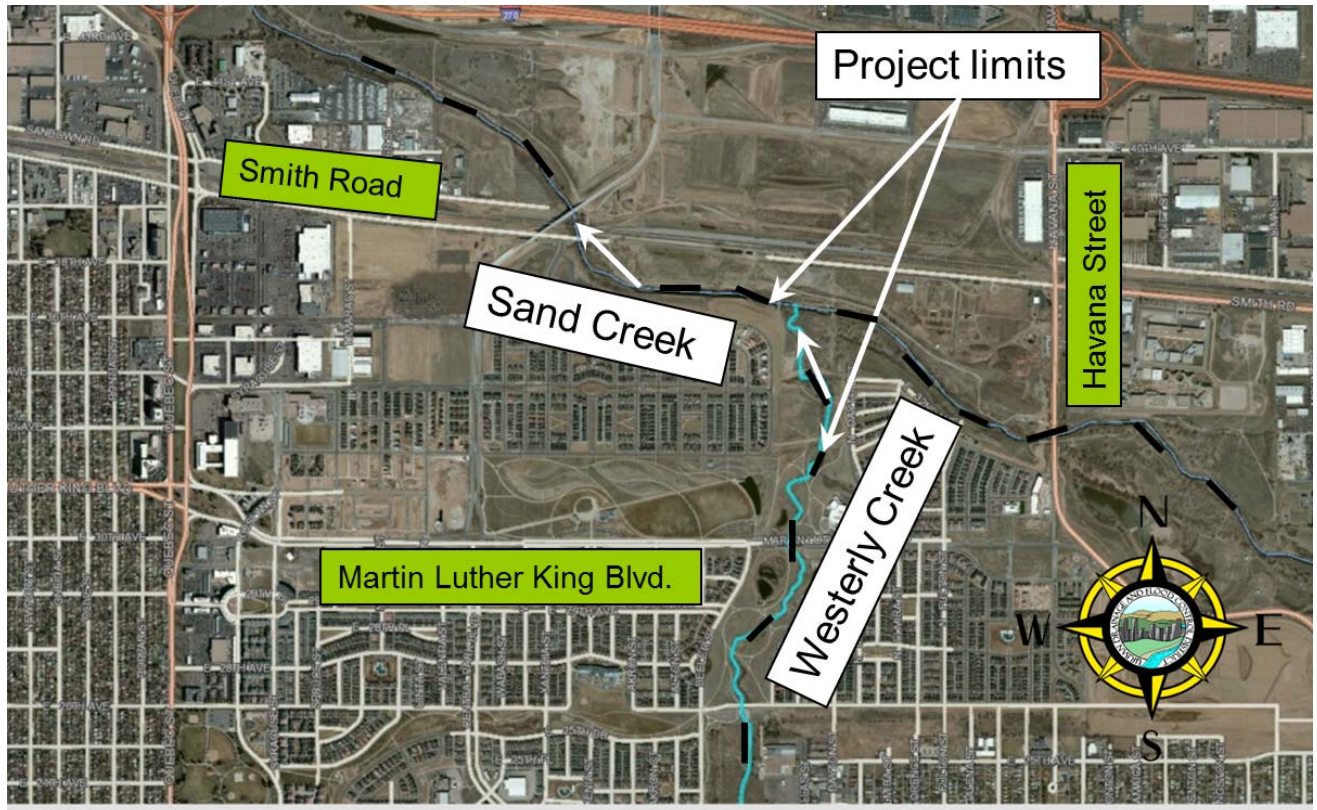
\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 77, SERIES OF 2014

(Authorization to Participate in Drainage and Flood Control Improvements  
on Westerly Creek at the Confluence with Sand Creek, City and County of Denver)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 78, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Westminster and Adams County have enacted floodplain regulations; and

WHEREAS, the City of Westminster, Adams County, and the District cooperated in the preparation of "Little Dry Creek, Adams County Major Drainageway Planning Study," dated 1979; and

WHEREAS, the Board previously authorized (Resolution No. 54, Series of 2008; Resolution No. 20, Series of 2009; Resolution No. 12, Series of 2010; Resolution No. 43, Series of 2010; Resolution No. 21, Series of 2012; Resolution No. 65, Series of 2012; Resolution No. 37, Series of 2013; and Resolution No. 63, Series of 2013) \$1,910,000 for design, acquisition of right-of-way, and construction of improvements along Little Dry Creek (Exhibit A); and

WHEREAS, the City of Westminster, Adams County, and the District now desire to construct improvements along Little Dry Creek; and

WHEREAS, City of Westminster and Adams County have estimated the additional project costs to be \$265,000 resulting in a revised total project cost of \$6,350,000 (\$2,175,000 District, \$4,175,000 Westminster and Adams County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$265,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Little Dry Creek; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along Little Dry Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 54, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Little Dry Creek from Lowell Boulevard to Federal Boulevard project without prior approval of the Board shall be ~~\$1,910,000~~ **\$2,175,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster and Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 78, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 79, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Fonder Draw at Lightening View Drive, Douglas County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Kinney Creek and Fonder Draw Outfall Systems Plan Phase B," dated December 2004; and

WHEREAS, the Board previously authorized (Resolution No. 30, Series of 2013) \$225,000 for design, acquisition of right-of-way, and construction of improvements along Fonder Draw at Lightening View Drive (Exhibit A); and

WHEREAS, Douglas County and the District now desire to construct improvements along Fonder Draw at Lightening View Drive; and

WHEREAS, Douglas County has estimated the additional project costs to be \$60,000 resulting in a revised total project cost of \$510,000 (\$255,000 District; \$255,000 Douglas County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$30,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Fonder Draw at Lightening View Drive; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along Fonder Draw at Lightening View Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 30, Series of 2013, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Fonder Draw at Lightening View Drive project without prior approval of the Board shall be ~~\$225,000~~ **\$255,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 30, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

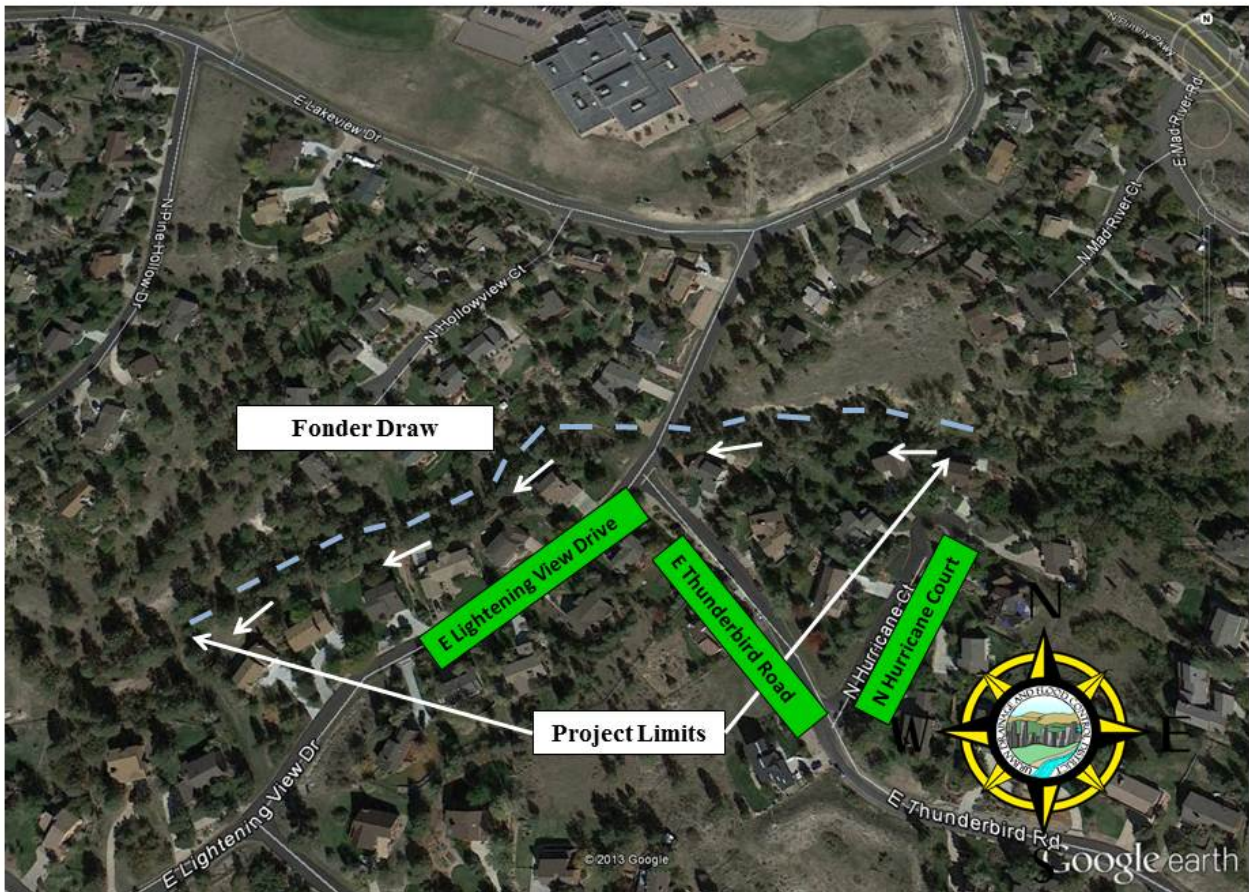
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO, 79, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Fonder Draw at Lightening View Drive, Douglas County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 80, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Wonderland Creek from Iris to Foothills, City of Boulder)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City of Boulder has enacted floodplain regulations; and

WHEREAS, the City of Boulder and the District cooperated in the preparation of "Fourmile Canyon Creek and Wonderland Creek Major Drainageway Planning Phase A Report Alternatives Analysis," dated May 2007; and

WHEREAS, the Board previously authorized (Resolution No. 40, Series of 2010; Resolution No. 19, Series of 2011; Resolution No. 55, 2011; Resolution No. 19, 2012; Resolution 39, Series of 2012; and Resolution 14, Series of 2013) \$1,843,457 for acquisition of right-of-way, design, and construction along Wonderland Creek from Iris to Foothills (Exhibit A); and

WHEREAS, the City of Boulder and the District now desire to design and construct improvements along Wonderland Creek from Iris to Foothills; and

WHEREAS, the City of Boulder has estimated the additional project costs to be \$865,000 resulting in a revised total project cost of \$4,551,914 (\$2,275,957 District; \$2,275,957 City of Boulder); and

WHEREAS, the District's additional participation being authorized by this resolution is \$432,500; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Wonderland Creek from Iris to Foothills in Boulder; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along Wonderland Creek from Iris to Foothills in Boulder were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Wonderland Creek from Iris to Foothills in Boulder project without prior approval of the Board shall be ~~\$1,843,457~~ **\$2,275,957** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 80, SERIES OF 2010

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Wonderland Creek from Iris to Foothills, City of Boulder)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 81, SERIES OF 2014

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lakewood Gulch, Wolff Street to Sheridan Boulevard)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Lakewood Gulch Major Drainageway Planning, Phase B Report," dated December 1979; and

WHEREAS, the Board previously authorized (Resolution No. 101, Series of 2007 and Resolution No. 57, Series of 2013) \$250,000 for construction of improvements along Lakewood Gulch from Wolff Street to Sheridan Boulevard (Exhibit A); and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Lakewood Gulch from Wolff Street to Sheridan Boulevard; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$240,000 resulting in a revised total project cost of \$990,000 (\$490,000 District; \$500,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$240,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 46, Series of 2014) for calendar year 2015, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Lakewood Gulch from Wolff Street to Sheridan Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 52, Series of 2014) in which the improvements along Lakewood Gulch from Wolff Street to Sheridan Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 101, Series of 2007, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Lakewood Gulch from Wolff Street to Sheridan Boulevard project without prior approval of the Board shall be ~~\$250,000~~ **\$490,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 101, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 81, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lakewood Gulch, Wolff Street to Sheridan Boulevard)

## EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 82, SERIES OF 2014 (2015 Legislative Committee)

WHEREAS, Section 32-11-208(b), C.R.S (2014), provides that: “The board, on behalf and in the name of the district, has the powers to adopt and amend or otherwise modify bylaws and rules of procedure”; and

WHEREAS, from time to time state and federal legislation is proposed and being acted upon which would affect the operations of the District; and.

WHEREAS, each year, a Legislative Committee is established by the Board of Directors for the following calendar year.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. There is hereby established in the place and stead of any previous Legislative Committee (Committee) a Committee composed of board members Commissioner Nancy Sharpe, Commissioner Chaz Tedesco, and Mr. Sellards selected by the Board of Directors (Board) from the members of the board.
2. The Legislative Committee shall review and evaluate from time to time, on behalf of the Board, pending state and federal legislation which would affect the operations of the District. Actions of the Legislative Committee shall include, but not be limited to; review and evaluate pending legislation, both state and federal; direct the District’s lobbyists and /or Executive Director to advocate, oppose or monitor individual bills; and to receive updates and advice on activities at the city and county level which are applicable to the District.
3. The Committee shall report to the Board at the next regularly scheduled Board meeting any actions taken by the Committee along with a summary of any bills or activities that may affect the District.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson