



BOARD OF DIRECTORS AGENDA
Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, May 17, 2012
12:00p.m.

Box Lunch Pick-up – 11:30 p.m.

1. **Bus Leaves District – 11:45 p.m.**
2. **Call to Order – 12:00 p.m.**
3. **Roll Call - Determination of Quorum**
4. **Introductions**
 - a. Visitors/Guests/Staff
4. **Approval of April 19, 2012 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. **Adoption of Position Statement in Regard to the EPA's Rulemakings to Modify the Clean Water Act**
(Resolution No. 35, Series of 2012)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
7. **Reports/Discussion**
 - a. Executive Director's Report
 - b. Bus Tour Itinerary
8. **Other Business**
9. **Announcements**

Next Regularly Scheduled Meeting: **Thursday, June 21, 2012** (CML Conflict)
10. **Adjournment**



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

April 19, 2012

MINUTES

Members Present:

Susan Beckman, Commissioner, Arapahoe County
Debbie Brinkman, Mayor, City of Littleton
Barbara Cleland, Mayor Pro Tem, City of Aurora
Joyce Downing, Mayor, City of Northglenn
Keith Gardner, Mayor Pro Tem, City of Centennial
Faye Griffin, Commissioner, Jefferson County
B. H. (Bob) Hoffmaster, Engineer
Cary Kennedy, Deputy Mayor, City/County of Denver
Peggy Lehman, Council Member, City/County of Denver
Paul Lopez, Council Member, City/County of Denver
Nancy McNally, Mayor, City of Westminster
Bonnie McNulty, Mayor, City of Edgewater
Lisa Morzel, Deputy Mayor, City of Boulder
Bob Muckle, Mayor, City of Louisville
Bob Murphy, Mayor, City of Lakewood
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Heidi Williams, Mayor, City of Thornton
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

Members Absent:

Deb Gardner, Commissioner, Boulder County
Alice Nichol, Commissioner, Adams County
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
Bill DeGroot	Manager, Floodplain Management
Dave Bennetts	Manager, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
Kevin Stewart	Manager, Information Services and Flood Warning
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtoui	Senior Project Engineer, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Shea Thomas	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Frank Dobbins	Director, Finance and Accounting
Sandra Gonzalez	Administrative Services Manager
Amelia Deleon	Administrative Services Manager (in training)
William Comerer	Student Intern
Wanda Salazar	Accounting Assistant

Others Present

Lesley Thomas City Engineer, City and County of Denver

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**
Chairperson Beckman called the meeting to order at 1:00 p.m.
2. **Roll Call - Determination of Quorum**
Roll was called and a quorum was declared present.
3. **Introductions**
 - a. **Swearing in of New Board Members**
Ed Krisor, Legal Counsel, administered the Oath of Office to Robert Muckle, Mayor of Louisville representing Boulder County and Debbie Brinkman, Mayor of Littleton representing Arapahoe County.
 - b. **Visitors/Guests**
Paul Hindman introduced three new employees: Amelia Deleon, Administrative Services Manager replacing Sandy Gonzales; Wanda Salazar, Accounting Assistant replacing Darla Reeves; and Will Comerer, Student Intern assisting Mike Sarmento.
 - c. **Awards/Recognition**
No awards were acknowledged at this meeting.
4. **Approval of March 15, 2012 Meeting Minutes**
The March 15, 2012 minutes were approved as submitted.
5. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated March and April 2012 was 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 for a Planning Study Update of Newlin Gulch and Baldwin Gulch (Resolution No. 30, Series of 2012)**
In 2010, the Town of Parker requested an update of the Newlin and Baldwin Gulch Outfall Systems Plan (OSP). The Newlin and Baldwin Gulches and Basin 4600-09 Outfall Systems Planning Study (Kiowa) was completed in 1994 and is outdated due to unexpected growth in the Town of Parker and unincorporated Douglas County. Since the OSP was approved, existing and future hydrology has changed due to zoning changes in Parker, unincorporated Douglas County, Castle Rock, and Castle Pines North. The OSP anticipated low density development for much of the upper Newlin Gulch watershed, but annexations and zoning changes resulted in more dense development.

The Baldwin Gulch dam was constructed in the 1950s by the Soil Conservation Service (now the Natural Resource Conservation Service [NRCS]) as a facility to arrest erosion and topsoil loss. Douglas County is taking over ownership and maintenance of the dam. Detention affects from the dam were not accounted for in the previous OSP but due to the change in ownership the affects will now be incorporated into the baseline hydrology.

Construction of the new Rueter-Hess Reservoir on Newlin Gulch has recently been completed. There is potential for the reservoir to have an impact on routed peak flows downstream of the dam, which need to be accounted for in the master plan.

The local sponsors need an updated master plan in place so that they can regulate the floodplain and make capital improvements such as channel stabilization and roadway crossings. This study will enable the local sponsors to hold developers responsible for the development share of coordinated improvements that will reduce flooding, improve drainage, and enhance stormwater quality.

The total master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. The District's total share of the costs shall 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. 30 on the Consent Agenda.

c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Eco Park, City of Centennial, Arapahoe County (Resolution No. 31, Series of 2012)

This is a joint project with Southeast Metro Stormwater Authority. Arapahoe County Open Space and Cherry Creek Basin Water Quality Authority are co-sponsors of the project. Muller Engineering is designing the project under a contract with the District. The drainage elements of the project include installation of drop structures and channel construction. Other multi-use project enhancements include restoring adjacent channel grades to increase the water level in existing pond to its prior level, maintenance access that can be used as a regional trail, and planting corridors of wetlands and riparian areas to improve water quality and habitat.

Arapahoe County Open Space owns Eco Park and will be granting an easement to SEMSWA for drainage purposes. It is anticipated that the easement will be donated but other costs associated with acquisition are included in the project costs.

The final design is in progress and the District and SEMSWA would like to proceed with the construction of the improvements that will be managed by the District. Construction of the project is anticipated to start in the fall of 2012

The District and SEMSWA have identified \$2,235,000 in total project costs with the District's participation being \$235,000. The previous District's participation authorizations (Resolution No. 4, Series of 2011, Resolution No. 56, Series of 2010, and Resolution No. 30 Series of 2009) totaled \$650,000 for design and partially funding construction.

Resolution No. 31 authorizes an additional \$235,000, for a total authorization of \$885,000 of District funds from the Special Revenue Fund - Construction to at least be matched by 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. 31 on the Consent Agenda.

d. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention upstream of I-70 in City of Aurora, Arapahoe County (Resolution No. 32, Series of 2012)

This is a joint project with the City of Aurora. Merrick and Company is designing the project 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 acquisitions are 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 property with one owner. The project will build the most eastern pond, and identify the property acquisition needed for all three ponds. Property acquisition for all ponds may be done with this project to avoid multiple negotiations and settlements.

Construction of the detention pond is scheduled for 2014.

The City of Aurora and the District have identified \$2,100,000 in total project costs with the District's participation being \$1,050,000. The previous District's participation authorizations (Resolution No. 18, Series of 2011, Resolution No. 50, Series of 2010,

Resolution No.58, Series of 2009) totaled \$450,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 32 authorizes an additional \$600,000, for a total authorization of \$1,050,000, 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. 32 on the Consent Agenda.

e. Authorization to Participate in Drainage and Flood Control Improvements on West Fork Kenneys Run from 23rd Street West to 24th Street, City of Golden, Jefferson County (Resolution No. 33, Series of 2012)

This is a joint project with the City of Golden. The City of Golden and the District desire to design, acquire right-of-way, and construct improvements along West Fork Kenneys Run in accordance with the joint planning study titled of "Major Drainageway Planning – Golden, Tucker Gulch / Kenneys Run" by Muller Engineering Company, Inc., dated September 1983.

The project includes approximately 900 linear feet of open channel, two roadway crossings, and three drop structure improvements from approximately 300 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 channel which currently contains the 100-year flow.

The District will be administering the design once a consulting engineering firm is selected. Easement and right-of-way acquisition downstream of 23rd Street will be included in the project costs. Construction is anticipated in 2013-2014.

The District and the City of Golden have identified \$100,000 in initial project costs for the design with the District's participation being \$50,000 in 2012 funds. Total project costs for the design, right-of-way acquisition, and construction is estimated to be \$900,000. It is anticipated that additional monies for right-of-way and construction will be added next year.

Resolution No. 33 authorizes \$50,000 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.

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

f. Recognition of Contributions of Sandra Gonzalez (Resolution No. 34, Series of 2012)

This resolution is in recognition of Sandra Gonzalez for her 15 years of dedication and service to the District. The Board of Directors expresses its thanks for her support and commitment and recognizes that her contributions to Urban Drainage 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. 34 on the Consent Agenda.

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 30, 31, 32, 33, and 34 Series of 2012, and Cash Disbursements for March and April 2012 be placed on the Consent Agenda. Mr. Hoffmaster 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 Monthly Report to the Board was distributed to the Board Members. Mr. Hindman gave a brief summary of his report highlighting the UDFCD Annual District Seminar and his visit to Washington DC with regard to State and Federal government advocacy.

Chairperson Beckman asked Mr. Hindman to elaborate on his findings with regard to new regulations and legislation that would impact local governments within the District.

Mr. Hindman explained that EPA will be rolling out The Clean Water Act NPDES new stormwater regulations by the end of April. OMB will take 11 to 12 months to review them which means the regulations won't be made public for at least a year. Mr. Hindman explained that these new regulations will have a major impact on local governments.

Commissioner Beckman requested that UDFCD work with Douglas County to develop a white paper identifying the issues and potential impacts to local governments. Mr. Hindman agreed to have something available by the next board meeting.

9. Other Business

Council Woman Lehmann announced that the 8th Annual Denver Rubber Duck Drop will take place on Sunday, May 6th at George Wallace Park. Proceeds from the event will benefit Denver Public Schools. Council Woman Lehmann had tickets available at the Board Meeting for anyone interested in participating.

10. Announcements

Chairperson Beckman reminded the Board that the next scheduled meeting would be held on Thursday, May 17, 2012 which will consist of a District bus tour. The bus will be leaving the District at 11:45 a.m. and Board members were encouraged to arrive at 11:30 a.m. The agenda for next month's meeting will be kept to a minimum and box lunches will be provided.

11. Adjournment

Chairperson Beckman adjourned the meeting at 1:55 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 35, SERIES OF 2012

(Adoption of Position Statement in Regard to the EPA's Rulemakings to Modify the Clean Water Act)

WHEREAS, the Urban Drainage and Flood Control District was established by the Colorado General Assembly in 1969 in order to assist local governments with multijurisdictional drainage and flood control problems, including the authority to levy property taxes; and

WHEREAS, the District is committed to the principles and implementation of stormwater quality management and, through years of research and work in the field of stormwater quality science and technology, has come to be regarded as a regional and national authority on the subject; and

WHEREAS, since 1990, the District has been assisting municipalities with their National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit compliance needs; and

WHEREAS, the District works with the Colorado Water Quality Control Division (CWQCD) as a collaborator and reviewer on proposed changes to state water quality regulations; and

WHEREAS, the District also works with the Environmental Protection Agency (EPA) as a collaborator and reviewer on proposed changes to national water quality policies; and

WHEREAS, the District is concerned with aspects of the EPA's Proposed Rulemakings to Modify the Clean Water Act and to Clarify Which Features will be Considered "Waters of the U.S." and has in response to this recorded a position statement, dated April 26, 2012, that documents those concerns.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby supports the U.S. Clean Water Act and specifically agrees that improving our nation's municipal stormwater discharges to the Maximum Extent Practicable (MEP, which includes economic feasibility) referenced in Title IV of the Act, is the appropriate standard to use and the EPA should not arbitrarily assign performance standards which may not include an economic feasibility analysis in their rulemaking for new development, redevelopment, and existing developed sites.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson



AMENDED

BOARD OF DIRECTORS AGENDA

Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, June 28, 2012
1:00 p.m.

How the District Works – 12:45 p.m.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**
- 2. Roll Call - Determination of Quorum**
- 3. Introductions**
 - a. Visitors/Guests/Staff
 - b. Awards/Presentations
- 4. Approval of May 17, 2012 Meeting Minutes** (*If there are no corrections - "Minutes stand approved", or with corrections - "Minutes stand approved as corrected"*)
- 5. Executive Session** An Executive Session will be held pursuant to 24-6-402 (4)(e) and 24-6-402 (4)(b) C.R.S. in regard to the Piney Creek Project for the dual purposes of determining a position relative to a matter that may be subject to negotiation and to receive legal advice in regard to the same matter.
- 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. Acceptance of Marston Lake North Drainageway Planning Study
(Resolution No. 36, Series of 2012)
 - c. Authorization for an Update to Town of Erie Outfall Systems Planning Study
(Resolution No. 37, Series of 2012)
 - d. Authorization to Participate in Acquisition of a Drainage Easement on Dry Gulch at 1195 Benton Street
(Resolution No. 38, Series of 2012)
 - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway
(Resolution No. 39, Series of 2012)
 - f. Authorization to Participate in Drainage and Flood Control Improvement on Cherry Creek at Arapahoe Road
(Resolution No. 40, Series of 2012)
 - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2
(Resolution No. 41, Series of 2012)

- h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek
(Resolution No. 42, Series of 2012)
 - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek
(Resolution No. 43, Series of 2012)
 - j. Authorization for an Update to Dry Gulch Outfall Systems Planning Study
(Resolution No. 44, Series of 2012)
 - k. Authorization to enter into an agreement for an Electronic Document Management System (EDMS)
(Resolution No. 45, Series of 2012)
- 7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
- 8. Reports/Discussion**
- a. Project Completion Presentation (Rock Creek)
 - b. Audit Committee
 - c. Executive Director's Report
 - d. Bus Tour Recap
- 9. Other Business**
- 10. Announcements**
NO JULY MEETING!
Next Regularly Scheduled Meeting: **Thursday, August 16, 2012**
- 11. Adjournment**



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

May 17, 2012

MINUTES

Members Present:

Susan Beckman, Commissioner, Arapahoe County
Debbie Brinkman, Mayor, City of Littleton
Deb Gardner, Commissioner, Boulder County
Keith Gardner, Mayor Pro Tem, City of Centennial
Faye Griffin, Commissioner, Jefferson County
B. H. (Bob) Hoffmaster, Engineer
Cary Kennedy, Deputy Mayor, City/County of Denver
Paul Lopez, Council Member, City/County of Denver
Nancy McNally, Mayor, City of Westminster
Bonnie McNulty, Mayor, City of Edgewater
Lisa Morzel, Deputy Mayor, City of Boulder
Bob Murphy, Mayor, City of Lakewood
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Mary Beth Susman, Council Member, City/County of Denver
Heidi Williams, Mayor, City of Thornton

Members Absent:

Barbara Cleland, Mayor Pro Tem, City of Aurora
Joyce Downing, Mayor, City of Northglenn
Peggy Lehmann, Council Member, City/County of Denver
Bob Muckle, Mayor, City of Louisville
Alice Nichol, Commissioner, Adams County
Jill Repella, Commissioner, Douglas County
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Bill DeGroot	Manager, Floodplain Management
Dave Bennetts	Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services and Flood Warning
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtoui	Senior Project Engineer, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Shea Thomas	Senior Project Engineer, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
Terri Fead	Project Engineer, Floodplain Management
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager
Julia Bailey	IS Project Engineer, Information Services and Flood Warning
Amelia Deleon	Administrative Services Manager
Wanda Salazar	Accounting Assistant
Margaret Corkery	Senior Administrative Assistant

Others Present

Dave, the Bus Driver.

1. **Bus Leaves District – 11:45 a.m.**
2. **Call to Order – 12:00 p.m.**
Chairperson Beckman called the meeting to order at 12:00 p.m.
3. **Roll Call - Determination of Quorum**
Roll was called and a quorum was declared present.
4. **Introductions**
 - a. **Visitors/Guests**
There were no visitors or guests to introduce at this board meeting.
5. **Board Approval of April 19, 2012 Meeting Minutes**
Mayor Pro Tem Stokes moved to approve the April 19, 2012 minutes. The minutes were approved as submitted.
6. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated April and May 2012 was 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 Position Statement in Regard to the EPA's Rulemakings to Modify the Clean Water Act
(Resolution No. 35, Series of 2012)**
The District has been assisting municipalities with their National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit compliance needs and the District is working with the Colorado Water Quality Control Division (CWQCD) as a collaborator and reviewer on proposed changes to the state water quality policies. The District is concerned with aspects of the EPA's Proposed Rulemakings to Modify the Clean Water Act and to Clarify Which Features will be Considered "Waters of the U.S.". In response to EPA's proposed rulemakings, the District has recorded a position statement, dated April 26, 2012, which documents those concerns.

This resolution states that the District supports the U.S. Clean Water Act and specifically agrees that improving our nation's municipal stormwater discharges to the Maximum Extent Practicable (MEP), which includes economic feasibility referenced in the Title IV of the Act, is the appropriate standard to use and the EPA should not arbitrarily assign performances standards which may not include an economic feasibility analysis in their rulemaking for new development, redevelopment, and existing developed sites.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 35 on the Consent Agenda.
7. **Vote on Approval of the Consent Agenda**
It was the consensus of the Board that Resolution No. 35, Series of 2012, and Cash Disbursements for April and May, 2012 be placed on the Consent Agenda. Council member Susman 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 Monthly Report to the Board was distributed in the board packet but not discussed due to the bus tour.

b. Bus Tour Itinerary

This month's Board Meeting consisted of a bus tour that highlighted several of the UDFCD projects. A tour packet was provided that included a route map/itinerary and fact sheets for each of the project sites. The three-hour tour visited a total of eight project sites.

9. Other Business

No other business was conducted at this meeting.

10. Announcements

It was brought to the Board's attention that the next board meeting scheduled for June 21st conflicts with the Colorado Municipal League conference that several Board Members would be attending. Mr. Hindman recommended that the meeting be moved to the following **Thursday, June 28th**. There were no objections to moving the meeting; however, an email request to Board members will be sent before officially changing the date.

11. Adjournment

Chairperson Beckman adjourned the meeting at the end of the bus tour at 3:12 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2012

(Acceptance of Marston Lake North Drainageway Planning Study)

WHEREAS, the Board cooperated with the City and County of Denver, Denver Water, City of Lakewood and Jefferson County in the preparation of a major drainageway planning study for Marston Lake North Drainageway (Resolution No. 5, Series of 2010); 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 Marston Lake North Drainageway; 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 and County of Denver, Denver Water, City of Lakewood and Jefferson County; and

WHEREAS, Olsson Associates has completed the study and submitted to the District the “Marston Lake North Drainageway Major Drainageway Plan Conceptual Design Report” dated May 2012.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Marston Lake North Drainageway Major Drainageway Plan Conceptual Design Report” dated May 2012, and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control planning, in land development, and in design of all drainageway facilities within the 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. 36, SERIES OF 2012
(Acceptance of Marston Lake North Drainageway Planning Study)

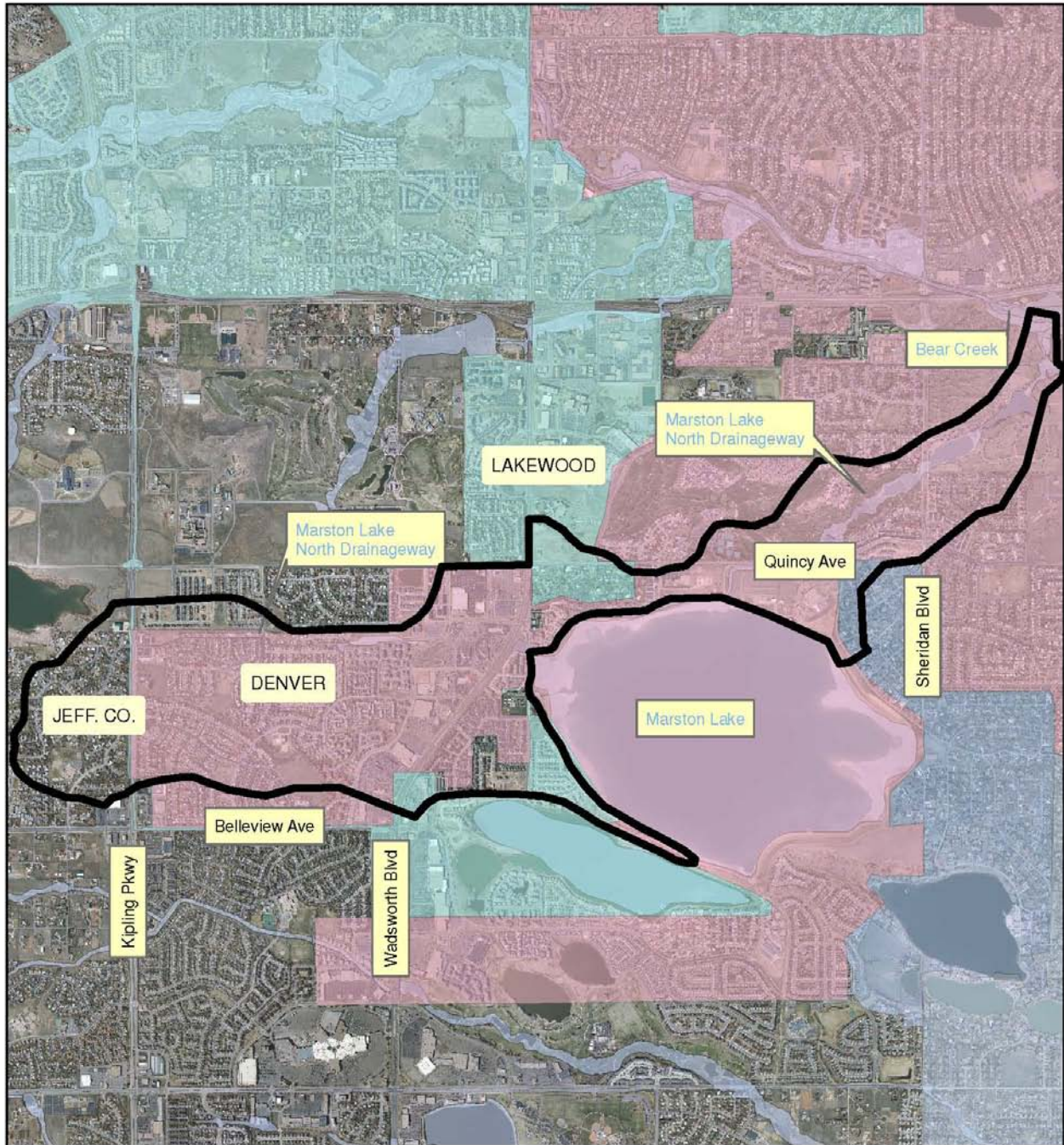
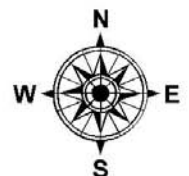


EXHIBIT A
MARSTON LAKE NORTH
MAJOR DRAINAGEWAY PLAN UPDATE
Approximate Study Limits
January 2010



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 37, SERIES OF 2012

(Authorization for an Update to Town of Erie Outfall Systems Planning Study)

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 Board has previously established a Work Program for 2012 (Resolution No. 58, Series of 2011) which includes master planning; and

WHEREAS, the Board has previously cooperated with Town of Erie to prepare the "Erie Outfall Systems Planning Preliminary Design" report (Love & Associates, 2001); and

WHEREAS, the Town of Erie has expressed a desire to participate in a study leading to an updated outfall systems plan for a portion of the Town limits and to fund the local share of project costs; and

WHEREAS, the Board wishes to cooperate with the Town of Erie in the identification of solutions to stormwater drainage and flood control management problems for the study limits (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$140,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$ 70,000
<u>Erie</u>	<u>\$ 70,000</u>
TOTAL	\$140,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the Town of Erie to fund the required engineering and mapping services for the Town of Erie planning study update.
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 \$140,000 and the District's share of total costs shall not exceed \$70,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the Town of Erie.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

RESOLUTION NO. 37, SERIES OF 2012
(Authorization for an Update to Town of Erie Outfall Systems Planning Study)

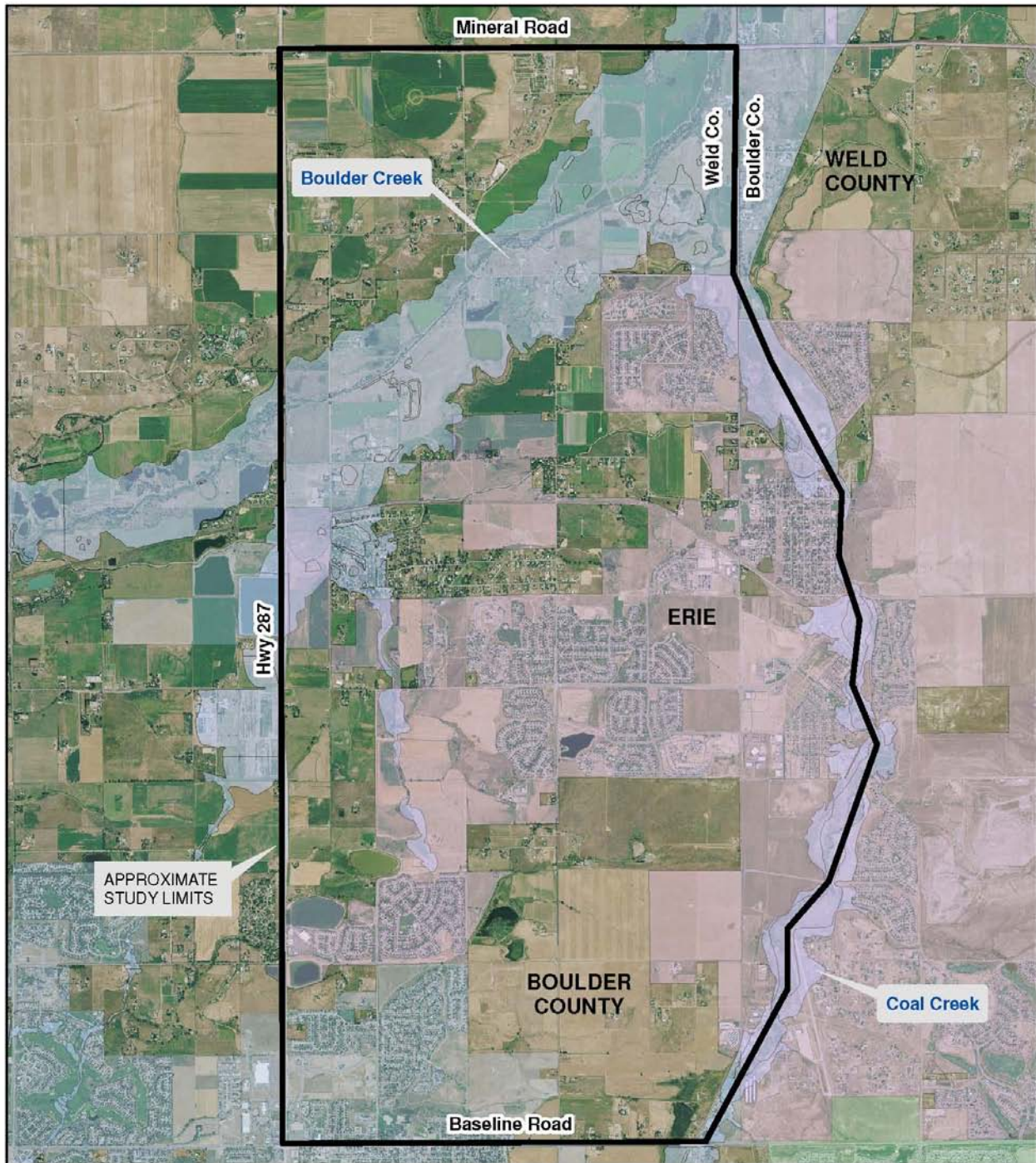
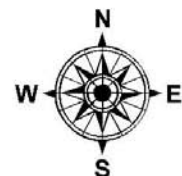


EXHIBIT A
TOWN OF ERIE
Outfall Systems Plan
Approximate Study Limits
May 2012



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 38, SERIES OF 2012
(Authorization to Participate in Acquisition of a Drainage Easement on
Dry Gulch at 1195 Benton Street, City of Lakewood, Jefferson County)

WHEREAS, District in a policy statement previously adopted (Resolution No. 14, Series of 1970) and reaffirmed (Resolution 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 have cooperated in the preparation of "Dry Gulch Major Drainageway Planning – Phase B Report" dated July 1979, which identified certain flood-prone properties; and

WHEREAS, the City of Lakewood is currently negotiating with the owner of 1195 Benton Street (Exhibit A) for a drainage easement along Dry Gulch within that property; and

WHEREAS, the City of Lakewood has negotiated a tentative acquisition price of approximately \$50,000; and

WHEREAS, the City of Lakewood has requested District funding assistance in the purchase of the drainage easement; and

WHEREAS, the District's share would be \$25,000; and

WHEREAS, the District's Preservation Policy (Resolution No. 10, Series of 1994) authorizes District participation in the acquisition of undeveloped floodplains in order to preserve them in their natural state; and

WHEREAS, the District has included funding for floodplain preservation in the Special Revenue Fund Budget for calendar year 2012, subsequent to public hearing (Resolution No. 49, Series of 2011) which includes funds for the acquisition of the drainage easement on the subject parcel.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Lakewood for the acquisition of a drainage easement along Dry Gulch at 1195 Benton Street.
2. The District's maximum contribution to the acquisition of the above floodplain area without prior approval of the Board, shall be \$25,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood.
3. Such approval for expenditure of District funds is contingent upon the City of Lakewood agreeing to regulate and control any defined floodplains on Dry Gulch in accordance with the National Flood Insurance Program regulations as a minimum; agreeing to maintain the property in a manner acceptable to the District; granting the District access to the acquired drainage easement at all times; and agreeing not to make any changes to the property without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

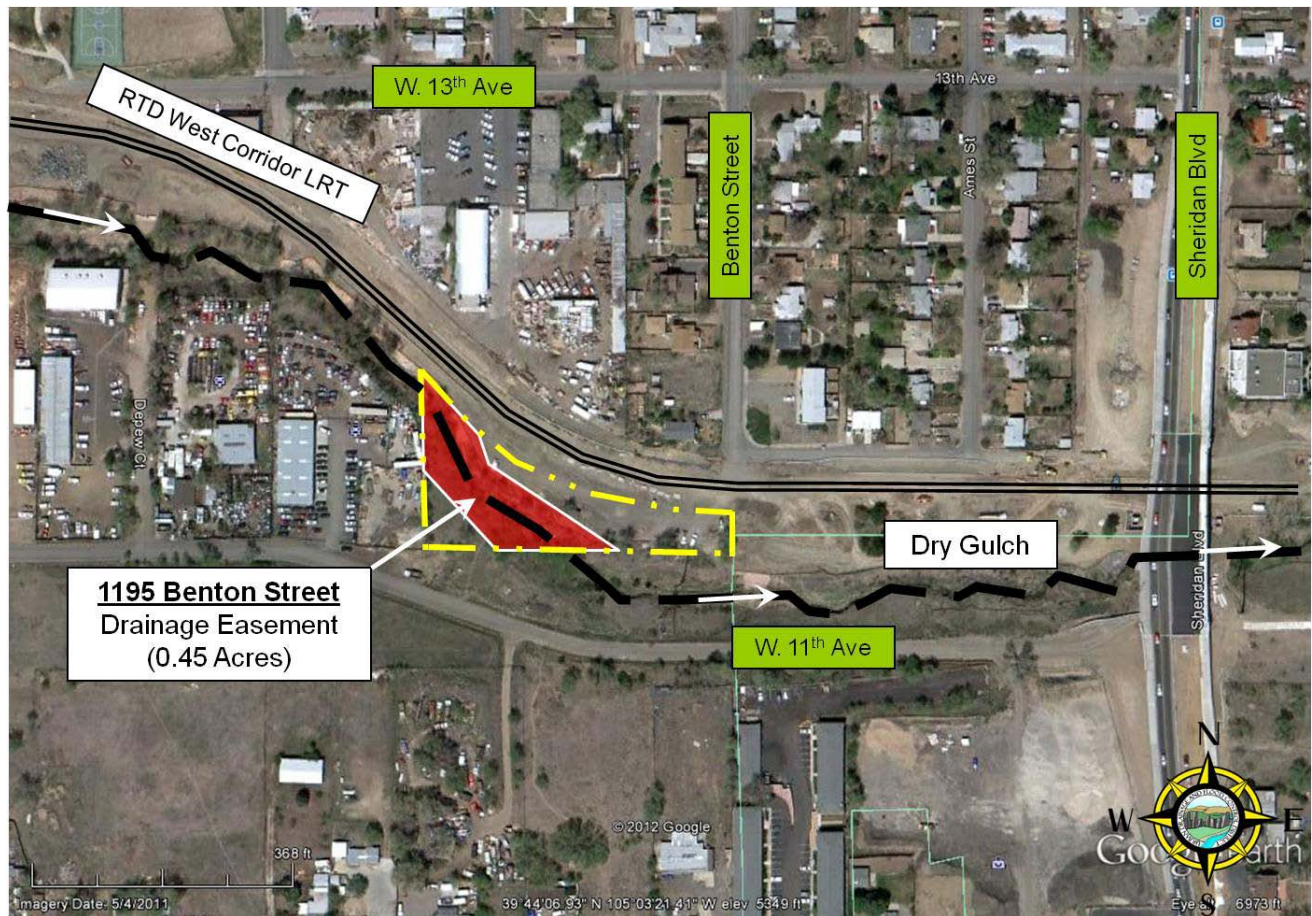
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 38, SERIES OF 2012

(Authorization to Participate in Acquisition of a Drainage Easement on
Dry Gulch at 1195 Benton Street, City of Lakewood, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 39, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Wonderland Creek from Iris Avenue to Foothills Parkway in 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, and Resolution No. 19, 2012) \$1,025,957 for acquisition of right-of-way, design, and construction along Wonderland Creek from Iris Avenue to Foothills Parkway (Exhibit A); and

WHEREAS, the City of Boulder and the District now desire to design and construct improvements along Wonderland Creek from Iris Avenue to Foothills Parkway; and

WHEREAS, the City of Boulder has estimated the additional project costs to be \$515,000 resulting in a revised total project cost of \$2,566,914; and

WHEREAS, the District's additional participation being authorized by this resolution is \$257,500; 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. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Wonderland Creek from Iris Avenue to Foothills Parkway; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Wonderland Creek from Iris Avenue to Foothills Parkway 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 Avenue to Foothills Parkway project without prior approval of the Board shall be ~~\$1,025,957~~ **\$1,283,457** 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. 39, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Wonderland Creek from Iris Avenue to Foothills Parkway in Boulder)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2012

(Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek at Arapahoe Road, 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 the SEMSWA their rights and obligation for the Cherry Creek at Arapahoe 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 City of Aurora and SEMSWA have requested District participation in the design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road (Exhibit A); and

WHEREAS, the District has estimated the initial project costs to be \$400,000; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000; 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. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and 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 Program (Resolution No. 57, Series of 2011) in which the improvements along Cherry Creek at Arapahoe Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Aurora, SEMSWA, Arapahoe County, Cherry Creek Water Quality Basin Authority (CCWQBA), and the Colorado Department of Transportation (CDOT) for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Cherry Creek at Arapahoe 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 Cherry Creek at Arapahoe Road.
3. The District's maximum contribution to the Cherry Creek at Arapahoe Road project, without prior approval of the Board, shall be \$200,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora, SEMSWA, Arapahoe County, CCWQBA, and CDOT.
4. Such approval for expenditure of District funds is contingent upon the City of Aurora, SEMSWA and Arapahoe County agreeing to regulate and control any defined floodplain in the Cherry Creek at Arapahoe 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. 40, SERIES OF 2012

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2012

(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, City of Louisville has enacted floodplain regulations; and

WHEREAS, 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) \$150,000 for acquisition of right-of-way, design, and construction along Drainageway A-2 (Exhibit A); and

WHEREAS, 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, City of Louisville has estimated the additional project costs to be \$775,000 resulting in a revised total project cost of \$1,075,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$387,500; 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. 49 Series of 2011) for calendar year 2012 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. 57, Series of 2011) 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, is amended as follows:
"The District's maximum contribution to the Drainageway A-2 project without prior approval of the Board shall be ~~\$150,000~~ **\$537,500** 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

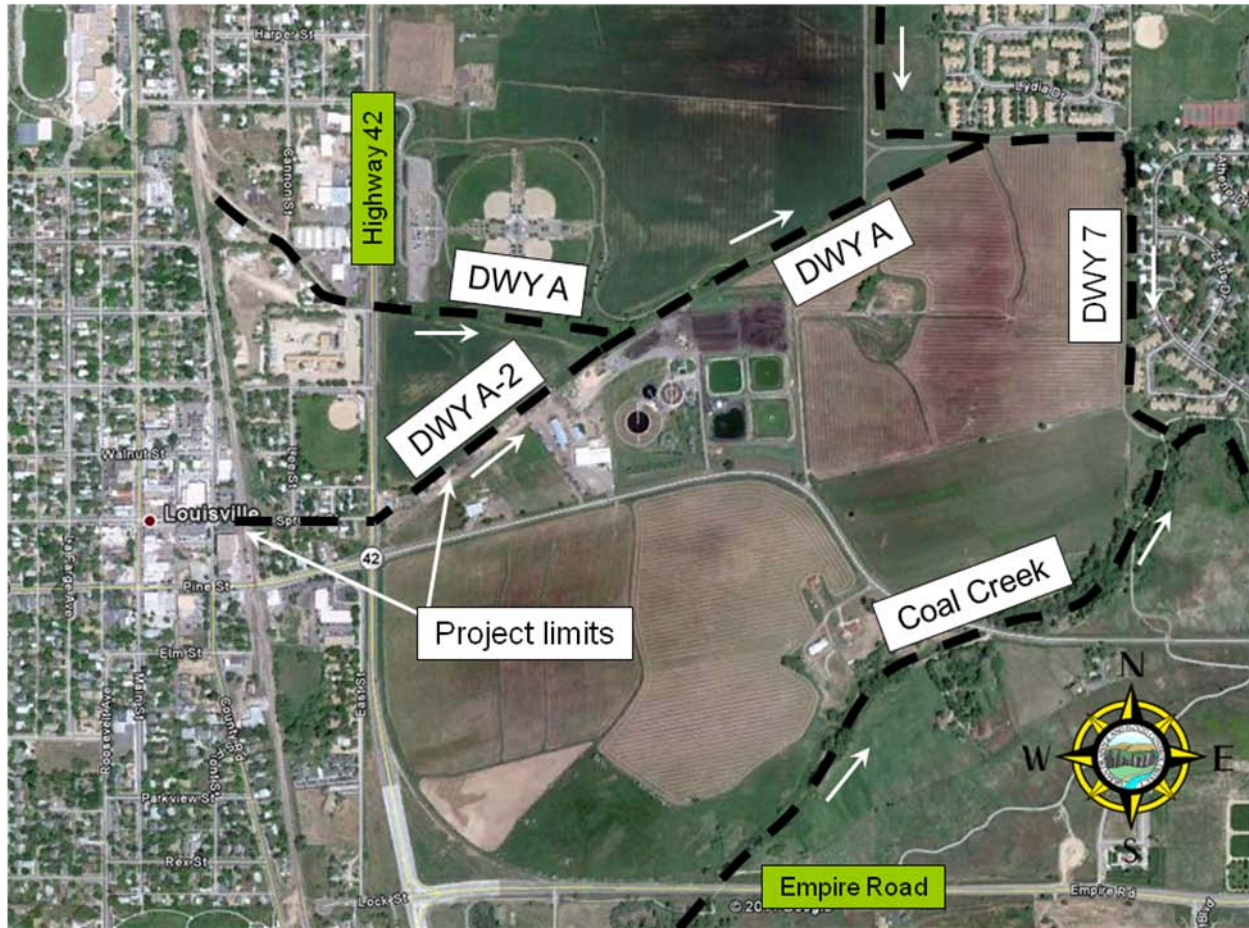
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2012

(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. 42, SERIES OF 2012
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek in the City of Northglenn)

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 has enacted floodplain regulations; and

WHEREAS, the City of Northglenn and the District cooperated in the preparation of "Major Drainageway Planning Study Grange Hall Creek" dated December 1977; and

WHEREAS, the Board previously authorized, (Resolution No. 46, Series of 2008, Resolution No. 41, Series of 2009, Resolution No. 32, Series of 2010, Resolution No. 17, Series of 2011, and Resolution No. 23, Series of 2012) \$650,000 for design, acquisition of right-of-way, and construction of improvements along Grange Hall Creek (Exhibit A); and

WHEREAS, the City of Northglenn and the District now desire to construct improvements along Grange Hall Creek; and

WHEREAS, the City of Northglenn has estimated the additional project costs to be \$200,000 resulting in a revised total project cost of \$1,550,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$100,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Grange Hall Creek; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Grange Hall Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 46, Series of 2008, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Grange Hall Creek project without prior approval of the Board shall be ~~\$650,000~~ **\$750,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Northglenn."
2. All other conditions and authorizations remain as stated in Resolution No. 46, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2012
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek in the City of Northglenn)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 43, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Littles Creek at West Lake 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, Arapahoe County, and the District cooperated in the preparation of "Major Drainageway Planning, Lee Gulch, Little Creek, Phase B-Preliminary Design" dated September, 1978; and

WHEREAS, the Board previously authorized, (Resolution No. 80, Series of 2009, Resolution No. 31, Series of 2009 and Resolution No. 48, Series of 2007) \$500,000 for design, acquisition of right-of-way, and construction of improvements along Littles Creek at West Lake Avenue (Exhibit A); and

WHEREAS, the City of Littleton and the District now desire to design and construct improvements for the next phase of Littles Creek at West Lake Avenue; and

WHEREAS, the City of Littleton and the District have estimated the additional project costs to be \$510,000 resulting in a revised total project cost of \$1,590,000; and

WHEREAS, the District's additional 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. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Littles Creek at West Lake Avenue; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Littles Creek at West Lake Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 48, Series of 2007, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Littles Creek at West Lake Avenue project without prior approval of the Board shall be ~~\$500,000~~ **\$725,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Littleton."
2. All other conditions and authorizations remain as stated in Resolution No. 48, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

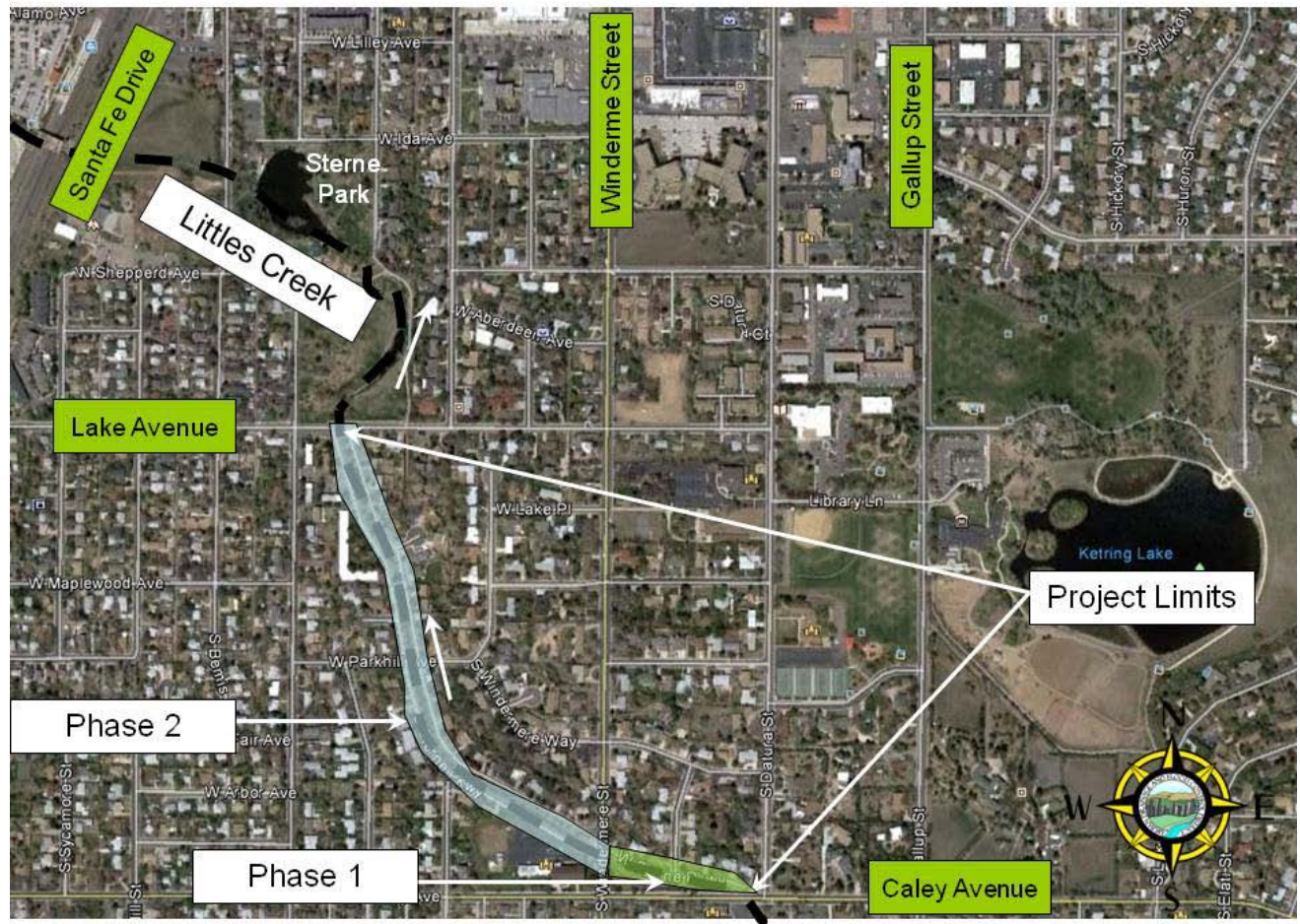
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 43, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Littles Creek at West Lake Avenue, City of Littleton, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 44, SERIES OF 2012

(Authorization for an Update to Dry Gulch Outfall Systems Planning Study)

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 and City and County of Denver has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2012 (Resolution No. 58, Series of 2011) which includes master planning; and

WHEREAS, the Board has previously cooperated with City of Lakewood to prepare the "Outfall Systems Planning Dry Gulch" report (Muller Engineering, 1995); and

WHEREAS, the City of Lakewood and City and County of Denver have expressed a desire to participate in a study leading to an updated outfall systems plan for Dry Gulch and to fund the local share of project costs; and

WHEREAS, the Board wishes to cooperate with the City of Lakewood and City and County of Denver in the identification of solutions to stormwater drainage and flood control management problems for the study limits (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$140,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$ 70,000
Lakewood	\$ 64,000
<u>Denver</u>	<u>\$ 6,000</u>
TOTAL	\$140,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Lakewood and City and County of Denver to fund the required engineering and mapping services for the Dry Gulch outfall systems planning study update.
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 \$140,000 and the District's share of total costs shall not exceed \$70,000 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 Lakewood and City and County of Denver.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

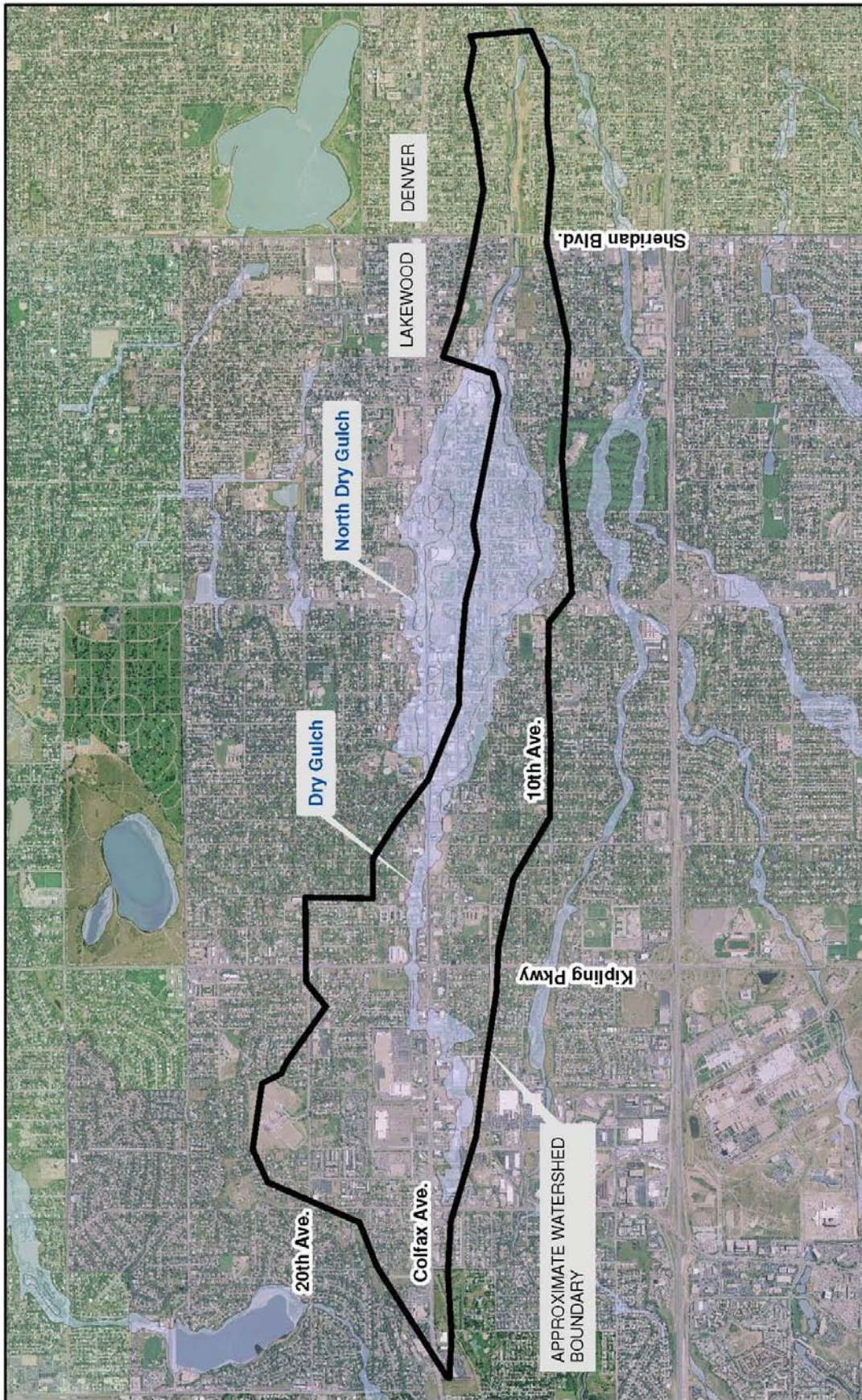


EXHIBIT A
 DRY GULCH
 Outfall Systems Plan
 Approximate Study Limits
 June 2012

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 45, SERIES OF 2012
(Electronic Document Management System)

WHEREAS, the District previously initiated an electronic records management application which proved to not adequately meet the District's needs; and

WHEREAS, the District requires a robust electronic application to manage District documents and retain them in compliance with the District's records retention policy; and

WHEREAS, the District previously established a Work Program for 2012 (Resolution No. 51, Series of 2011) which includes the provision to develop a District Electronic Document Management System (EDMS); and

WHEREAS, the District has adopted a budget for calendar year 2012 subsequent to public hearing, (Resolution No. 49, Series of 2011) which includes funds for EDMS.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with a qualified document and records management consultant, and others as necessary for maintenance and development of an electronic document and records management system (EDMS).
2. The cost of these services shall not exceed \$75,000 for calendar year 2012.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Dated: _____

ATTEST:

Secretary

Chairperson



BOARD OF DIRECTORS AGENDA

Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, August 16, 2012
1:00 p.m.

How the District Works – 12:45 p.m.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**
- 2. Roll Call - Determination of Quorum**
- 3. Introductions**
 - a. Visitors/Guests/Staff
 - b. Awards/Presentations
- 4. Approval of June 28, 2012 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. Acceptance of Little Creek Planning Study
(Resolution No. 46, Series of 2012)
 - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive, Town of Parker, Douglas County
(Resolution No. 47, Series of 2012)
- 7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
- 8. Reports/Discussion**
 - a. Project Completion Presentation (West Harvard Gulch at South Platte River)
 - b. Audit Committee – New Auditor Selection
 - c. Executive Director's Report
- 9. Other Business**
- 10. Announcements**

Next Regularly Scheduled Meeting: **Thursday, September 20, 2012**
- 11. Adjournment**



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

June 28, 2012

MINUTES

Members Present:

Susan Beckman, Commissioner, Arapahoe County
Debbie Brinkman, Mayor, City of Littleton
Joyce Downing, Mayor, City of Northglenn
Faye Griffin, Commissioner, Jefferson County
B. H. (Bob) Hoffmaster, Engineer
Cary Kennedy, Deputy Mayor, City/County of Denver
Nancy McNally, Mayor, City of Westminster
Bonnie McNulty, Mayor, City of Edgewater
Lisa Morzel, Deputy Mayor, City of Boulder
Jill Repella, Commissioner, Douglas County
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Mary Beth Susman, Council Member, City/County of Denver
Heidi Williams, Mayor, City of Thornton
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

Members Absent:

Barbara Cleland, Mayor Pro Tem, City of Aurora
Deb Gardner, Commissioner, Boulder County
Keith Gardner, Mayor Pro Tem, City of Centennial
Peggy Lehmann, Council Member, City/County of Denver
Paul Lopez, Council Member, City/County of Denver
Bob Muckle, Mayor, City of Louisville
Bob Murphy, Mayor, City of Lakewood
Alice Nichol, Commissioner, Adams County

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Bill DeGroot	Manager, Floodplain Management
Dave Bennetts	Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services and Flood Warning
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Shea Thomas	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager
Julia Bailey	IS Project Engineer, Information Services and Flood Warning
Amelia Deleon	Administrative Services Manager

Others Present

None.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**
Chairperson Beckman 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**
There were no visitors or guests to introduce at this board meeting.
 - b. **Awards/Presentations**
Paul Hindman noted that the accounting staff, once again, received the Certificate of Achievement for Excellence in Financial Reporting (CAFR) for the District's Comprehensive Annual Financial Report for Fiscal Year Ended December 31, 2010. Frank Dobbins and Wanda Salazar were presented the award and commended for their excellent work. Hard copies of the CAFR submittal for 2011 were distributed to the Board for their information.
4. **Board Approval of May 17, 2012 Meeting Minutes**
Deputy Mayor Morzel moved to approve the May 17, 2012 minutes. The minutes were approved as submitted.
5. **Executive Session: Piney Creek Project
(Pursuant to 24-6-402(4) (f)(I) C.R.S.)**
It was moved and seconded at 1:15 p.m. that the Board move into an Executive Session to discuss the Piney Creek Project. The Executive Session concluded at 1:40 p.m.
6. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated May and June 2012 was 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. **Acceptance of Marston Lake North Drainageway Planning Study
(Resolution No. 36, Series of 2012)**
Resolution 5 of 2010 authorized a Major Drainageway Planning Study for Marston Lake North Drainageway, for which the District partnered with City and County of Denver, Denver Water, City of Lakewood and Jefferson County to fund and complete the study.

Olsson Associates was selected to perform the study and has now completed the final report based on the engineer's recommendations as revised by the sponsors.

Improvements include acquiring easements and maintenance access to an existing private detention pond, channel improvements, grade control structures, separating storm flows from the Bowles Lateral irrigation ditch, adding water quality capture volume to an existing public detention pond and channel stabilization. With the improvements, 3 apartment buildings and 12 houses will be removed from the 100-year floodplain.

Resolution No. 36 accepts the report titled "Marston Lake North Drainageway Major Drainageway Plan Conceptual Design Report" dated May 2012 and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 36 on the Consent Agenda.

c. **Authorization for an Update to Town of Erie Outfall Systems Planning Study (Resolution No. 37, Series of 2012)**

In 2011, the Town of Erie requested an update of the Town of Erie (and adjacent Boulder and Weld County areas) Outfall Systems Plan (OSP). The previous study was completed by Love & Associates in 2001 and is outdated due to unexpected growth in the Town of Erie and unincorporated Boulder and Weld Counties. Since the OSP was approved, existing and future hydrology has changed due to zoning and comprehensive plan changes in Erie and adjacent areas.

The local sponsors need an updated master plan in place so that they can make capital improvements such as storm sewers, improved outfalls and water quality treatment. This study will enable the local sponsors to hold developers responsible for the development share of coordinated improvements that will reduce flooding, improve drainage, and enhance stormwater quality.

The total master planning costs are projected to be \$140,000 with the local sponsors contributing \$70,000. Resolution 37 would authorize the expenditure of the District's share, not to exceed \$70,000 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.

d. **Authorization to Participate in Acquisition of a Drainage Easement on Dry Gulch at 1195 Benton Street (Resolution No. 38, Series of 2012)**

This is a joint acquisition of a drainage easement with the City of Lakewood. The City of Lakewood ultimately would like to construct improvements on this property along Dry Gulch in accordance with the "Dry Gulch Major Drainageway Planning – Phase B Report" dated July 1979. Just recently a strip of land along the north side of this property was acquired by RTD for construction of the West Corridor LRT along the Dry Gulch corridor. Subsequently, the City of Lakewood approached the property owner to inquire about obtaining a 75 feet wide drainage easement encompassing the 100-year floodplain of Dry Gulch within the property limits. The owner stated they would be willing to deed a drainage easement to the City at the same price per square foot that RTD paid. The total purchase price for the 19,705 square foot drainage easement is approximately \$50,000.

Currently, drainageway construction is not anticipated for several years; however, it was felt necessary by all parties to secure this drainage easement now, with a willing seller, to preserve this portion of the Dry Gulch corridor.

The City of Lakewood, with District assistance and approval, will be responsible for acquiring the easement. The property upon which the easement is placed shall not be used for any purpose that will diminish or preclude its use for drainage and flood control purposes. The City may not dispose of or change the use of the property without approval of the District.

The City of Lakewood has identified \$50,000 in total costs for the easement acquisition, with the District's participation being \$25,000 in 2012 funds.

Resolution No. 38 authorizes a maximum of \$25,000 of District funds from the 2012 Special Revenue Fund – Construction to at least be matched by the City of Lakewood for the acquisition of a drainage easement on Dry Gulch at 1195 Benton Street.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 38 on the Consent Agenda.

e. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway (Resolution No. 39, Series of 2012)**

This is a joint project with the City of Boulder. Ayres Associates performed conceptual design of the project under contract with the City. The drainage elements of the project include installation of a new crossing at Iris Street, channel improvements, trail improvements, reduction in floodplain, flow separation from the Boulder and White Rock Ditch, and a new bridge at the Union Pacific Railroad (UPRR) crossing that includes a trail underpass.

Easement and right-of-way acquisition is included in the project costs. A single-family home owned by the Geological Society of America was purchased and deconstructed with money from a previous resolution. This home was situated well within the floodplain.

The final design is underway with Muller Engineering. The District and the City of Boulder desire to construct the improvements which will be managed by the City of Boulder.

The District and the City of Boulder have identified \$2,566,914 in total project costs with the District's participation being \$1,283,457. The previous authorization, Resolution No. 19, Series of 2012 totaled \$2,051,914 to fund acquisition of right-of-way and design, and to start funding construction.

Resolution No. 39 authorizes an additional \$257,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 39 on the Consent Agenda.

f. **Authorization to Participate in Drainage and Flood Control Improvement on Cherry Creek at Arapahoe Road (Resolution No. 40, Series of 2012)**

This is a joint project with the City of Aurora, Southeast Metro Stormwater Authority (SEMSWA), Arapahoe County, the Cherry Creek Water Quality Basin Authority (CCWQBA), and the Colorado Department of Transportation (CDOT).

The City of Aurora and SEMSWA desire to design, acquire right-of-way, and construct improvements along Cherry Creek at Arapahoe Road in accordance with the "Cherry Creek Corridor Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report" dated January, 2004. 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.

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 has identified \$400,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$200,000 in 2012 funds. The project involves multiple agencies and is building on the momentum started with several other projects in progress along this section of Cherry Creek. The recent projects include Cherry Creek at Eco Park (on the south end of this project), the Arapahoe Road Bridge Replacement by CDOT that is scheduled for construction in 2014 (about midpoint of the project), and Cherry Creek through the Valley Country Club which is just completing the preliminary design work through SEMSWA and UDFCD (on the north end of the project). This project comprises \$13 to \$15 million in drainage improvements that will take multiple agencies working several years to complete. The first phase of construction is anticipated to start in late 2014, with several phases to follow in future years. CDOT is a funding partner for water quality

improvements associated with the Arapahoe Bridge replacement. Arapahoe County is a funding partner for the trailhead on the south side of Arapahoe Road.

Resolution No. 40 authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora, SEMSWA, Arapahoe County, CCWQBA, and the CDOT 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.

g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2 (Resolution No. 41, Series of 2012)

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. The District will be administering the design once a consulting engineering firm is selected.

The District and the City of Louisville have identified \$1,075,000 in total project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$537,500. The previous authorization, Resolution No. 29, Series of 2011, totaled \$300,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 41 authorizes an additional \$387,500 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. 41 on the Consent Agenda.

h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek (Resolution No. 42, Series of 2012)

This is a joint project with the City of Northglenn. Muller Engineering is designing the project under contract with the District. The drainage elements of the project include installation of pond outlet works upstream of Washington Street and new culverts across Washington Street and Larson Drive.

The City of Northglenn already holds the necessary easements and right-of-way where the project will be carried out.

The final design is underway and the District and the City of Northglenn desire to construct the improvements which will be managed by the District.

The District and the City of Northglenn have identified \$1,550,000 in total project costs with the District's participation being \$750,000. The previous authorizations, Resolution No. 46, Series of 2008, Resolution No. 41, Series of 2009, Resolution No. 32, Series of 2010, Resolution No. 17, Series of 2011, and Resolution No. 23, Series of 2012 totaled \$1,350,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 42 authorizes an additional \$100,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Northglenn 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.

i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Creek (Resolution No. 43, Series of 2012)

This is a joint project with the City of Littleton. The first phase of the project was designed by Muller Engineering and constructed in 2010. Muller Engineering completed the preliminary design of the second phase and will do the final design under contract with the District. The drainage elements of the project include installation of larger drainage crossings of Lake Avenue, Parkhill Avenue, and Crocker Streets and the associated channel improvements.

The City of Littleton already holds the necessary easements and right-of-way where the project will be carried out.

The District and the City of Littleton have identified \$1,590,000 in total project costs with the District's participation being \$725,000. The previous authorizations, Resolution No. 80, Series of 2009, Resolution No.31 Series of 2009, and Resolution No. 48, 2007 totaled \$500,000 to fund design and construction of Phase 1 and preliminary design of Phase 2. Construction is anticipated in 2013.

Resolution No. 43 authorizes an additional \$225,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Littleton 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. 43 on the Consent Agenda.

j. Authorization for an Update to Dry Gulch Outfall Systems Planning Study (Resolution No. 44, Series of 2012)

In 2009, the City of Lakewood requested an update of the Dry Gulch OSP study. The previous study was completed by Muller Engineering Company in 1995. Since the OSP was approved, several revisions have been made to the drainage system within the watershed. In addition, the City of Lakewood has a capital improvement project scheduled for a reach of Dry Gulch in 2014 and would like to update the existing OSP before embarking on the design of that project.

A small portion of the Dry Gulch watershed lies within the City and County of Denver boundaries. In order to ensure a comprehensive watershed approach to improvements recommended in the study, the City and County of Denver has agreed to participate in the study and fund their portion of the local share of the project costs.

The concept of water quality treatment has changed since the existing OSP was published. The updated master plan will look for opportunities for water quality treatment in the watershed.

The existing OSP included North Dry Gulch, which is tributary to Dry Gulch. The District is currently working with the City of Lakewood on the development of a North Dry Gulch OSP. Therefore, this OSP update will exclude the North Dry Gulch watershed from the study area.

The total master planning costs are projected to be \$140,000 with the local sponsors contributing \$70,000. Resolution No. 44 would authorize the expenditure of the District's share, not to exceed \$70,000 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. 44 on the Consent Agenda.

k. Authorization to enter into an agreement for an Electronic Document Management System (EDMS) (Resolution No. 45, Series of 2012)

The District is proposing to upgrade its document management system and has selected SIRE technologies as the system of choice. Experienced with supporting the needs of local governments, SIRE is based out of Utah but has a presence in Colorado as well. Besides having a solid knowledge of document and records management, SIRE support was rated excellent amongst their clients as well as by industry standards. The District is proposing to allocate \$75,000 for the implementation of the SIRE Electronic Data Management System (EDMS). Resolution No. 45 authorizes the expenditure of \$75,000 for calendar year 2012 for the development and maintenance of an EDMS.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 45 on the Consent Agenda.

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 36, 37, 38, 39, 40, 41, 42, 43, 44, and 45 Series of 2012, and Cash Disbursements for May and June, 2012 be placed on the Consent Agenda. Mayor McNally moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Reports/Discussion

a. Rock Creek Presentation

A presentation was given to the board on the Rock Creek Improvements from Flatiron Circle to Rock Creek Parkway project. This project in the Town of Superior involved channel restoration using various natural log drop structures, and a faux log drop structure made of concrete. It was pointed out that the project will continue to be monitored and will make a good case study for future projects.

b. Audit Committee

It is time for the District to select a new auditor being that our current auditor has reached the end of their 6-year term. The process for selecting an auditor includes sending out notification letters to CPA firms to solicit interest and invite them to a pre-bid meeting. Out of 18 firms, 3 expressed interest and attended the pre-bid meeting. The next step in the process is to form an Audit Committee that will assist in the interview and selection process.

Mr. Hindman asked the Board for three volunteers to participate in the Audit Committee. The following Board members offered to participate:

1. Mayor Heidi Williams
2. Mr. Dave Sellards
3. Mr. Bob Hoffmaster

c. Executive Director's Report

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

d. Bus Tour Recap

Mr. Hindman asked the Board if scheduling a bus tour every couple of years would be adequate. There were no objections from the Board to holding a bus tour every two years.

9. Other Business

No other business was conducted at this meeting.

10. Announcements

None.

11. Adjournment

Chairperson Beckman adjourned the meeting at 2:27 p.m.

Executive Director's Report
Submitted by: Paul A. Hindman
June 28, 2012

Administrative

- How do you like the new chairs? Obviously the old ones were getting a little worn and dated. We also got a couple of new tables for the break room.
- Yesterday was Bike to Work Day and a few of us participated. Always a nice break from the normal commute.



Program

- Remember June 6th? We weren't worried about fires, we were worried about floods. And we definitely got some at the southern portion of the District. We estimate we received a 25 to 50 year flood on several of our drainageways. They held up but not without some damage. I would call it minor because we had no loss of life or residential and commercial structures. We did, however, get a lot of areas in the creeks and streams that washed out. Both in unimproved areas and in areas where we have built some projects. Right now our initial estimate is around \$500,000 to repair and clean the sites but that number will probably rise. Most of this money will come from our maintenance budget to remove the debris that washed down, but we will also have to use some capital construction money to fix washed out areas around some drop structures. Again, I consider this minor because nothing blew out which provides evidence our design review of developer projects, as well as our own construction projects, are using sound engineering criteria that was developed by our Master Planning program.
- Our Flood Warning program has been very active in monitoring rainfall and runoff, especially from the Fourmile Canyon burn area in Boulder County. After this year, there's a good possibility we will be watching more burn areas. We will work closely with the local emergency personnel to give them whatever support we can give. One interesting item is that one of our live weather tools that we use for flood prediction shows detailed lightning strikes information, location, time, and intensity. Apparently our information is more detailed than the State has who called on Tuesday to see if they could access that information. We are working with the State Division of Emergency Management to help facilitate gaining the lightning information for the State.

Finance

- CD rates remained about the same as last month. The return rate is 0.20% to 0.25%. I take this as a good sign that maybe we are slowly on the rise.

State and Federal Government Advocacy

- On the State front, things are pretty quiet now that the legislative session is over for 2012.
- On the Federal side, The Department of Justice (DOJ) is regrouping now that a federal district court has held that federal facilities have to pay local stormwater fees retroactively. DOJ was claiming federal buildings were exempt from local taxes and that stormwater fees are a tax. A 2011 Amendment to the Clean Water Act states that the government is subject to reasonable service charges, "regardless of whether that reasonable fee, charge, or assessment is denominated a tax". I believe the stormwater fee question has successfully been argued in Colorado that it is a fee for service, not a tax. Ed Krisor can definitively answer this for you if you are interested. He's the lawyer, I'm not. However, don't think your agency can start collecting fees tomorrow from your local post office; the DOJ still has another few rounds in court they plan on pursuing.

Personal

- The wedding plans are coming along without a hitch for my daughter Elisa☺. Claudia has bought five dresses and returned two. I still don't understand this line of thinking but I'm not saying a word except "yes honey, that dress looks great". I was asked five days ago if we should have two bars or one. Claudia thought we should have one. I said that was a great idea. Yesterday she talked with Elisa and they decided we should have two bars. I said that was a great idea. Two weeks ago I was asked if we should serve the cake after the toast. I said that was a great idea. Last week I was asked if we should serve cake before the toast. I said that was a great idea. I'm sure by now you understand that I'm programmed like a robot to respond, "I think that is a great idea". So if you ask me a question today, or anytime during the next month, you might get the answer, "I think that is a great idea".

If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 46, SERIES OF 2012
(Acceptance of Littles Creek Planning Study)

WHEREAS, the Board cooperated with the Southeast Metro Stormwater Authority in the preparation of a major drainageway planning study for Littles Creek upstream of Broadway (Resolution No. 60, Series of 2009); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of AMEC Earth & Environmental to conduct studies and prepare a major drainageway planning report for Littles Creek; and

WHEREAS, the District reviewed the alternatives presented by AMEC Earth & Environmental and concurred with the need to complete the study based on an alternative selected in cooperation with the Southeast Metro Stormwater Authority; and

WHEREAS, AMEC Earth & Environmental has completed the study and submitted to the District the “Littles Creek Major Drainageway Plan” dated July 2012.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Littles Creek Major Drainageway Plan” dated July 2012, and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control planning, in land development, and in design of all drainageway facilities within the 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. 46, SERIES OF 2012
(Acceptance of Littles Creek Planning Study)

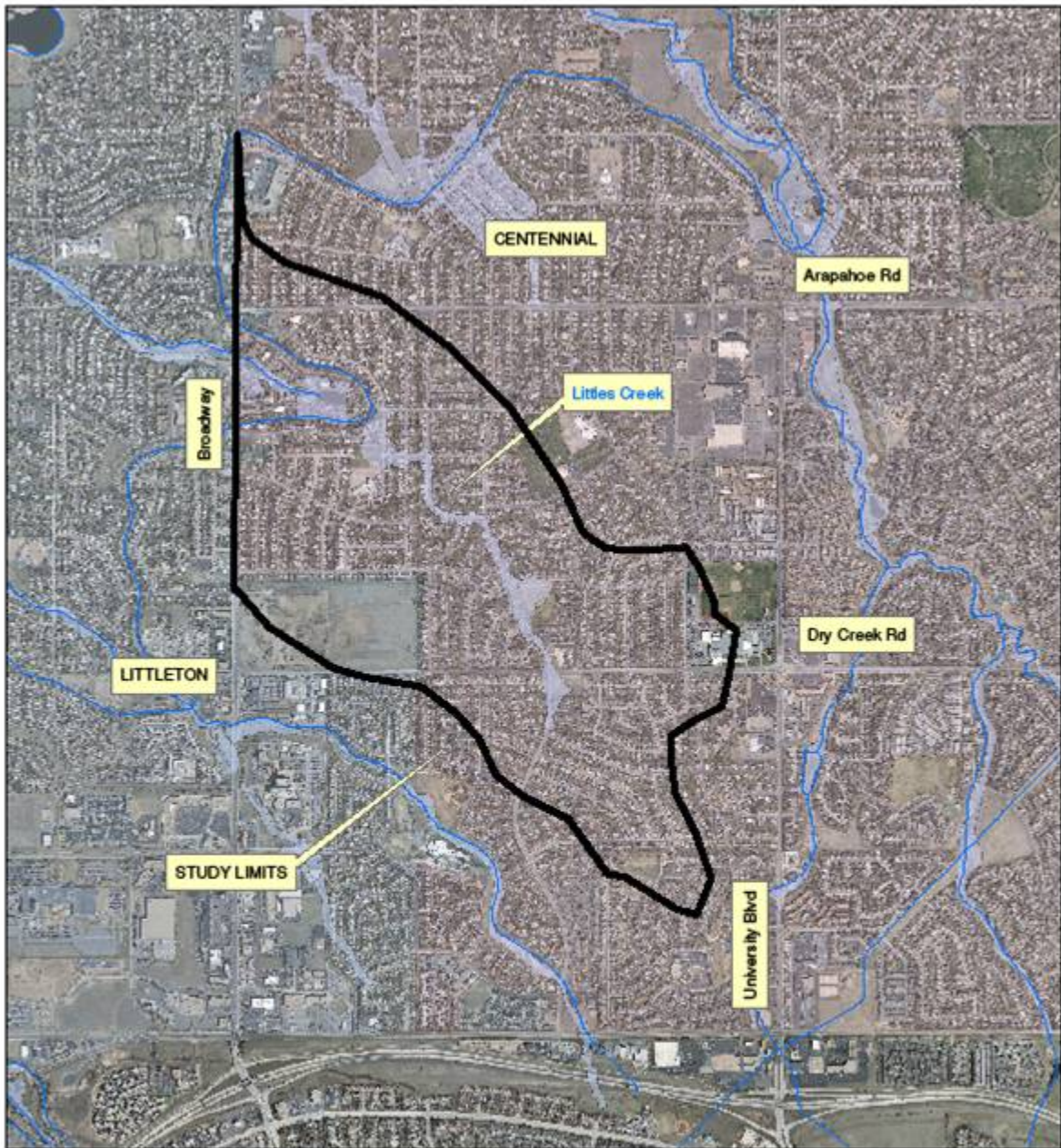


EXHIBIT A
LITTLES CREEK
Outfall Systems Plan & FHAD
Approximate Study Limits
September 2009



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive, 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, the Town of Parker and the District cooperated in the preparation of "Sulphur and Tallman Gulch Watersheds Outfall Systems Planning Study Preliminary Design Report" dated January, 2011; and

WHEREAS, the Board previously authorized, (Resolution No. 77, Series of 2010) \$545,000 for design, acquisition of right-of-way, and construction of improvements on Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive (Exhibit A); and

WHEREAS, the Town of Parker and the District now desire to construct improvements on Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive; and

WHEREAS, the Town of Parker has estimated the additional project costs to be \$60,000 resulting in a revised total project cost of \$605,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$60,000; 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. 49, Series of 2011) for calendar year 2011 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements on the Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements on Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 77, Series of 2010, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive project without prior approval of the Board shall be ~~\$545,000~~ **\$605,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker."
2. All other conditions and authorizations remain as stated in Resolution No. 77 Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

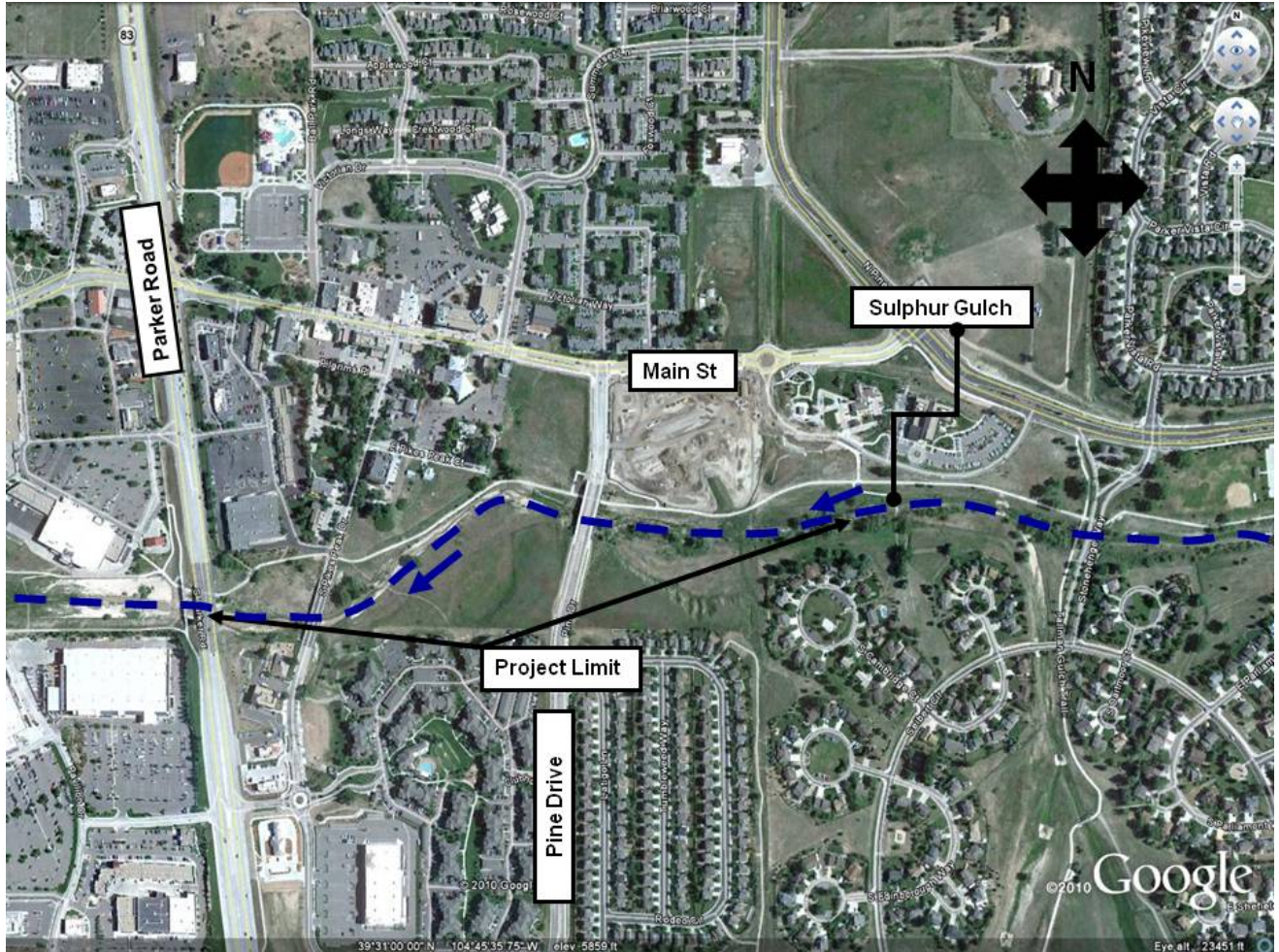
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements on
Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive,
Town of Parker, Douglas County)

EXHIBIT A





BOARD OF DIRECTORS AGENDA

Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, September 20, 2012
1:00 p.m.

How the District Works – 12:45 p.m.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**
- 2. Roll Call - Determination of Quorum**
- 3. Introductions**
 - a. Visitors/Guests/Staff
 - b. Awards/Presentations
- 4. Approval of August 16, 2012 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 Grange Hall Creek in the City of Northglenn (Resolution No. 48, Series of 2012)
 - c. Acceptance of Flood Hazard Area Delineation Report for Littles Creek (Resolution No. 49, Series of 2012)
- 7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
- 8. Reports/Discussion**
 - a. 2012 and 2013 Budgets
 - b. Executive Director's Report
- 9. Other Business**
- 10. Announcements**

Next Regularly Scheduled Meeting: **Thursday, October 18, 2012**
- 11. Adjournment**



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

August 16, 2012

MINUTES

Members Present:

Debbie Brinkman, Mayor, City of Littleton
Barbara Cleland, Mayor Pro Tem, City of Aurora
Joyce Downing, Mayor, City of Northglenn
Keith Gardner, Mayor Pro Tem, City of Centennial
Deb Gardner, Commissioner, Boulder County
B. H. (Bob) Hoffmaster, Engineer
Peggy Lehmann, Council Member, City/County of Denver
Paul Lopez, Council Member, City/County of Denver
Bonnie McNulty, Mayor, City of Edgewater
Bob Murphy, Mayor, City of Lakewood
Alice Nichol, Commissioner, Adams County
Jill Repella, Commissioner, Douglas County
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Mary Beth Susman, Council Member, City/County of Denver
Heidi Williams, Mayor, City of Thornton
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

Members Absent:

Susan Beckman, Commissioner, Arapahoe County
Faye Griffin, Commissioner, Jefferson County
Cary Kennedy, Deputy Mayor, City/County of Denver
Nancy McNally, Mayor, City of Westminster
Lisa Morzel, Deputy Mayor, City of Boulder
Bob Muckle, Mayor, City of Louisville

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Darren Bradshaw	Construction Manager, Design, Construction, and Maintenance
Barbara Chongtouna	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director of Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Holly Piza	Senior Project Engineer, Master Planning

It was announced that Mr. Joe Shoemaker passed away on Tuesday, August 14th. Mr. Shoemaker was the Senator that carried the bill that created the District in 1969. He was also instrumental in the founding of The Greenway Foundation. Joe also served as the Public Works director for the City and County of Denver. A moment of silence was taken in memory of Mr. Joe Shoemaker.

Others Present

None.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**
Commissioner Nichol 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**
There were no visitors or guests to introduce at this board meeting.
 - b. **Awards/Presentations**
Paul Hindman noted that the Town of Morrison, Colorado passed a resolution expressing their appreciation for the work completed on the Mount Vernon Creek Improvements. Before and after photos were displayed to show the transformation of the area.
4. **Board Approval of June 28, 2012 Meeting Minutes**
Council member Lehmann moved to approve the June 28, 2012 minutes. The minutes were approved as submitted.
5. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated July and August 2012 was 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. **Acceptance of Littles Creek Planning Study (Resolution No. 46, Series of 2012)**
Resolution 60 of 2009 authorized a Major Drainageway Planning Study for Littles Creek upstream of Broadway, for which the District partnered with the Southeast Metro Stormwater Authority. Improvements include:
 - Improved crossing structure at Broadway,
 - Separating stormwater flows from Highline Canal flows,
 - Modify Clarkson Pond and provide water quality,
 - Modify Dry Creek Pond and provide water quality,

With the improvements, 28 houses and apartment buildings will be removed from the 100-year floodplain.

Resolution 46 accepts the report and recommends that 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. 46 on the Consent Agenda.
 - c. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive, Town of Parker, Douglas County (Resolution No. 47, Series of 2012)**
This is a joint project with the Town of Parker. Muller Engineering designed the project under contract with the District. The drainage elements of the project include drop structures, trail crossings, and bank protection that have been constructed by Naranjo Civil Constructors.

Parker already holds the necessary easements and right-of-way where the project will be carried out.

The final design is now complete and construction recently completed. The District and Town of Parker desire to contribute additional funds to the project to assist with revegetation and post storm restoration efforts.

The District and Parker have identified \$1,150,000 in total project costs with the District's participation being \$605,000. The previous authorization, Resolution No. 77, Series of 2010 totaled \$1,090,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 47 authorizes an additional \$60,000 of District funds from the Special Revenue Fund - Construction for 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. 47 on the Consent Agenda.

6. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 46 and 47, Series of 2012, and Cash Disbursements dated July and August, 2012 be placed on the Consent Agenda. Council member Lehmann moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

7. Reports/Discussion

a. Project Completion Presentation (West Harvard Gulch at South Platte River)

A presentation was given to the board on the West Harvard Gulch at South Platte River project. In cooperation with the City of Englewood and Denver, the portion of the project to build a pedestrian crossing underneath the BNSF rail line connecting the neighborhood to the Platte River Trail was completed within a weekend's time.

b. Audit Committee

On behalf of the Audit Committee, Mayor Heidi Williams announced that out of the three CPA firms interviewed, the firm selected to audit the District was Clifton Larson Allen, LLP. This firm was unanimously chosen as the most qualified to provide auditing services to the District.

c. 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

No other business was conducted at this meeting.

9. Announcements

None.

10. Adjournment

Commissioner Nichol adjourned the meeting at 1:50 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2012
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek in the City of Northglenn)

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 has enacted floodplain regulations; and

WHEREAS, the City of Northglenn and the District cooperated in the preparation of "Major Drainageway Planning Study Grange Hall Creek" dated December 1977; and

WHEREAS, the Board previously authorized, (Resolution No. 46, Series of 2008, Resolution No. 41, Series of 2009, Resolution No. 32, Series of 2010, Resolution No. 17, Series of 2011, Resolution No. 23, Series of 2012, and Resolution No. 42, Series of 2012) \$750,000 for design, acquisition of right-of-way, and construction of improvements along Grange Hall Creek (Exhibit A); and

WHEREAS, the City of Northglenn and the District now desire to construct improvements along Grange Hall Creek; and

WHEREAS, the City of Northglenn has estimated the additional project costs to be \$1,363,538 resulting in a revised total project cost of \$2,913,538 (Northglenn: \$2,063,538; District: \$850,000); and

WHEREAS, the District's additional participation being authorized by this resolution is \$100,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Grange Hall Creek; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Grange Hall Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 46, Series of 2008, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Grange Hall Creek project without prior approval of the Board shall be ~~\$750,000~~ **\$850,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Northglenn."
2. All other conditions and authorizations remain as stated in Resolution No. 46, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

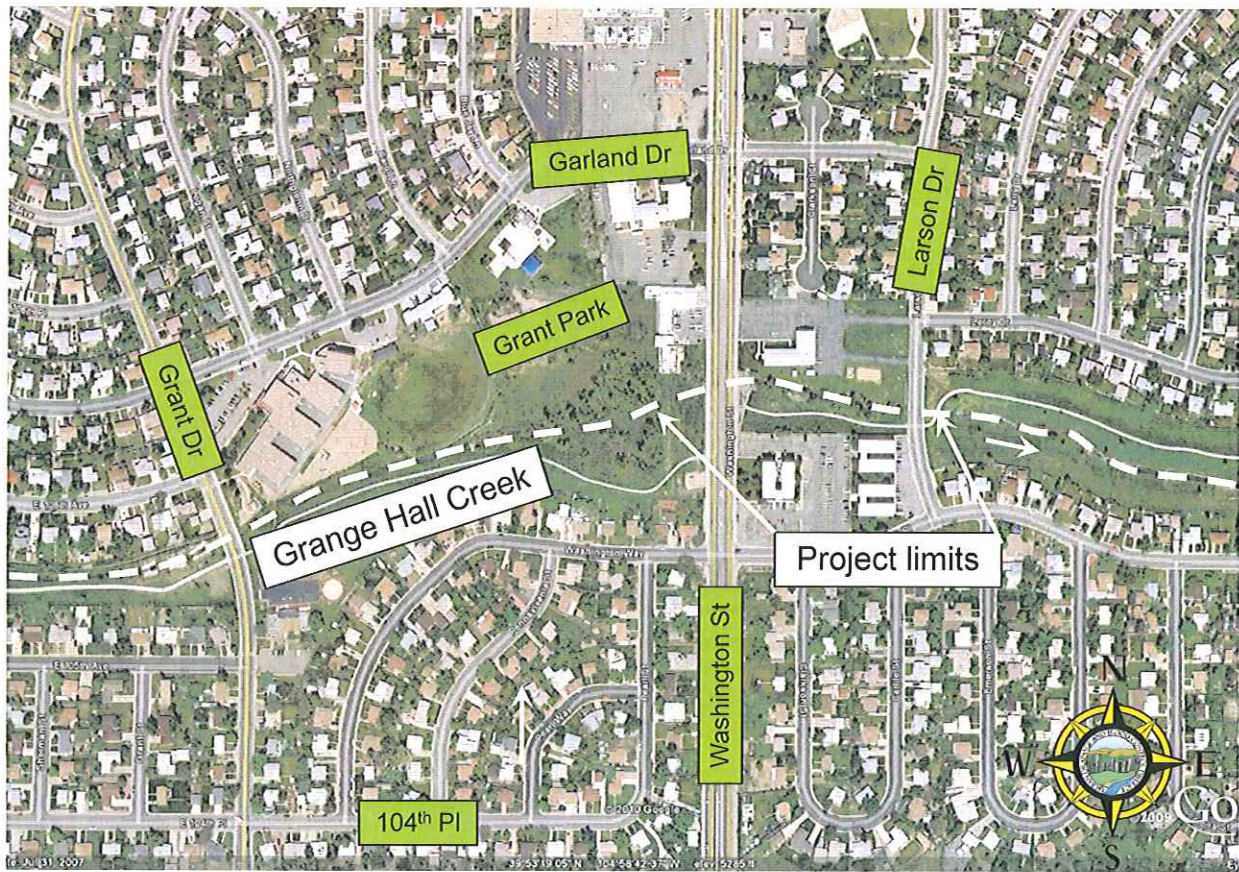
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2012
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek in the City of Northglenn)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2012

(Acceptance of Flood Hazard Area Delineation Report for Littles Creek)

WHEREAS, the Board has previously established a Work Program for 2009 (Resolution No. 72, Series of 2008) 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. 78, Series of 2008); and

WHEREAS, the Executive Director has executed an agreement with AMEC Earth & Environmental for a master planning and flood hazard area delineation study of Littles Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Littles Creek" dated July, 2012 has been completed by AMEC Earth & Environmental; 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 accepts the report "Flood Hazard Area Delineation, Littles Creek" dated July, 2012 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 Littleton and Centennial 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 Section 37-60-106(1)(c), Colorado Revised Statutes, 1973, 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:

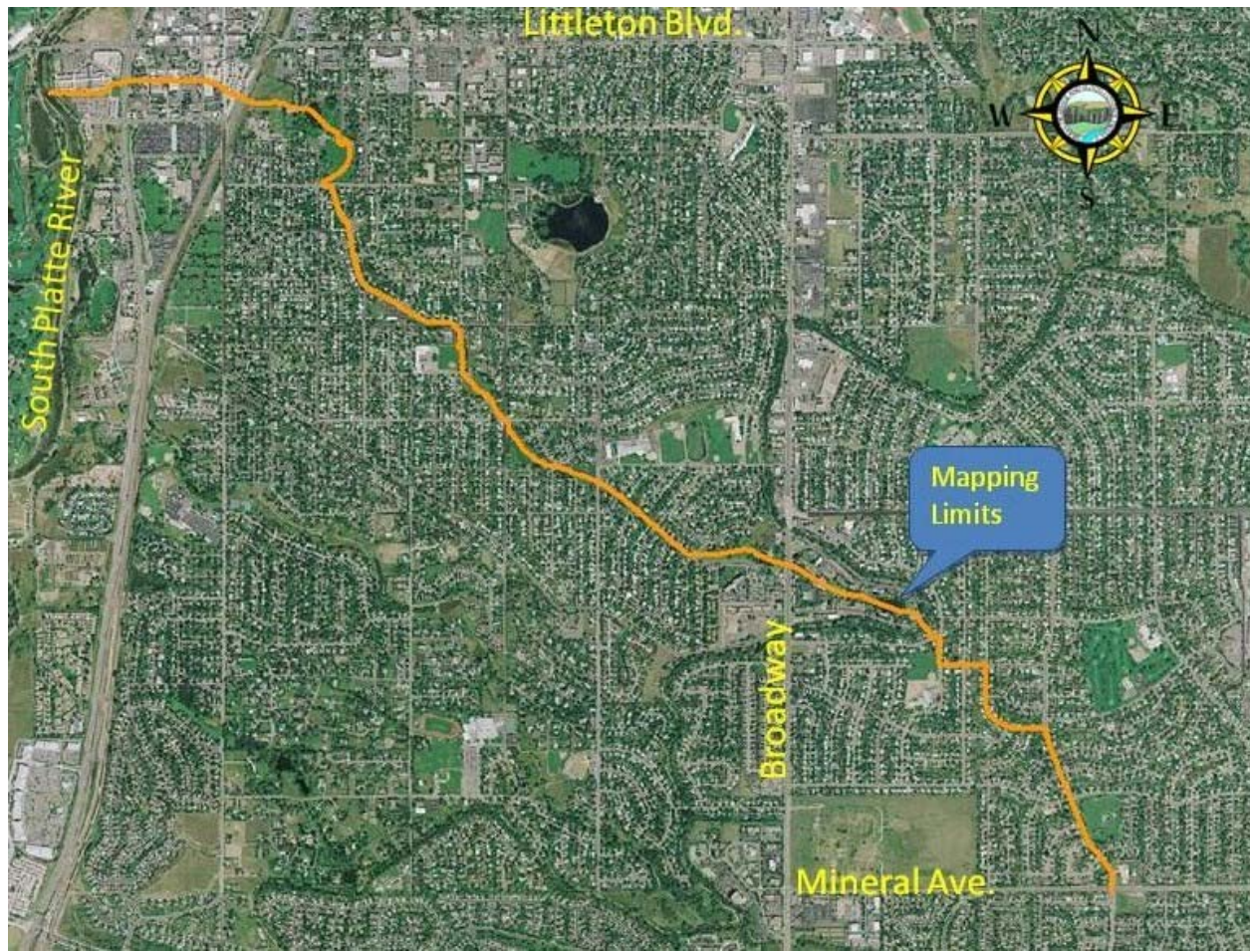
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2012
(Acceptance of Flood Hazard Area Delineation Report for Littles Creek)

EXHIBIT A





BOARD OF DIRECTORS AGENDA

Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, October 18, 2012
1:00 p.m.

How the District Works – 12:45 p.m.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**
- 2. Roll Call - Determination of Quorum**
- 3. Introductions**
 - a. Visitors/Guests/Staff
 - b. Awards/Presentations
- 4. Approval of September 20, 2012 Meeting Minutes** (*If there are no corrections - "Minutes stand approved", or with corrections - "Minutes stand approved as corrected"*)
- 5. Public Hearing**
 - a. 2013 Budget
 - 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. Certification of Tax Levy (Resolution No. 50, Series of 2012)
 - c. Adoption of 2013 Budgets (Resolution No. 51, Series of 2012)
 - d. Appropriation of Funds for 2013 (Resolution No. 52, Series of 2012)
 - e. Adoption of Floodplain Maps for Big Dry Creek in Adams County, Cottonwood Creek and Tributaries, East Toll Gate Creek (Upper), First Creek and Tributary T, Piney Creek and Antelope Creek, Second Creek and Willow Creek (Resolution No. 53, Series of 2012)
 - f. Acceptance of Flood Hazard Area Delineation Report for Marston Lake North Drainageway (Resolution No. 54, Series of 2012)
 - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora and Centennial and Unincorporated Areas, Arapahoe County (Resolution No. 55, Series of 2012)
 - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview in Unincorporated Arapahoe County (Resolution No. 56, Series of 2012)
- 7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)

8. **Executive Session – Pursuant to 24-6-402(4)(b),C.R.S. concerning EPA Notice**
9. **Reports/Discussion**
 - a. Executive Director’s Report
10. **Other Business**
 - a. Executive Director’s Annual Review Committee
11. **Announcements**

Next Regularly Scheduled Meeting: **Thursday, November 15, 2012**
12. **Adjournment**



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

September 20, 2012

MINUTES

Members Present:

Susan Beckman, Commissioner, Arapahoe County
Debbie Brinkman, Mayor, City of Littleton
Barbara Cleland, Mayor Pro Tem, City of Aurora
Keith Gardner, Mayor Pro Tem, City of Centennial
Faye Griffin, Commissioner, Jefferson County
B. H. (Bob) Hoffmaster, 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
Nancy McNally, Mayor, City of Westminster
Bonnie McNulty, Mayor, City of Edgewater
Lisa Morzel, Deputy Mayor, City of Boulder
Alice Nichol, Commissioner, Adams County
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Mary Beth Susman, Council Member, City/County of Denver
Heidi Williams, Mayor, City of Thornton
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

Members Absent:

Joyce Downing, Mayor, City of Northglenn
Deb Gardner, Commissioner, Boulder County
Bob Muckle, Mayor, City of Louisville
Bob Murphy, Mayor, City of Lakewood
Jill Repella, Commissioner, Douglas County

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtouna	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director of Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bill DeGroot	Manager, Floodplain Management
Tyler Kindle	Student Intern, Design, Construction, and Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services
Shea Thomas	Senior Project Engineer, Master Planning

Others Present

None.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**
Commissioner Beckman 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**
There were no visitors or guests to introduce at this board meeting.
 - b. **Awards/Presentations**
Bill DeGroot and Dave Mallory received a Safe Development Leadership Award on behalf of the District from the National Hazard Mitigation Association (NHMA). The award was presented to Bill DeGroot at the board meeting.
4. **Board Approval of August 16, 2012 Meeting Minutes**
Mayor Pro Tem Cleland moved to approve the August 16, 2012 minutes. The minutes were approved as submitted.
5. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated August and September 2012 was 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 Grange Hall Creek in the City of Northglenn (Resolution No. 48, Series of 2012)**
This is a joint project with the City of Northglenn. Muller Engineering designed the project under contract with the District. The drainage elements of the project include installation of pond outlet works upstream of Washington Street and new culverts across Washington Street and Larson Drive.

The City of Northglenn already holds the necessary easements and right-of-way where the project will be carried out. The District and the City of Northglenn now desire to construct the improvements which will be managed by the District.

The District and the City of Northglenn have identified \$2,913,538 in total project costs with the District's participation being \$850,000. The previous authorizations, Resolution No. 46, Series of 2008, Resolution No. 41, Series of 2009, Resolution No. 32, Series of 2010, Resolution No. 17, Series of 2011, Resolution No. 23, Series of 2012, and Resolution No. 42, Series of 2012 totaled \$1,550,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 48 authorizes an additional \$100,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Northglenn 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. 48 on the Consent Agenda.
 - c. **Acceptance of Flood Hazard Area Delineation (FHAD) Report for Littles Creek (Resolution No. 49, Series of 2012)**
This FHAD was completed by AMEC Earth and Environmental in conjunction with a master planning study for Littles Creek. Funding came from the master planning and floodplain management programs. The local governments are Littleton and Centennial. Resolution No. 49 accepts the report "Flood Hazard Area Delineation, Littles Creek"

dated July, 2012, and recommends its use as a guide in future planning related to the floodplain. It also recommends that the local governments adopt the report and regulate the 100-year floodplains defined in the report and directs that the report be submitted to the Colorado Water Conservation Board for designation and approval of the 100-year floodplains as flood hazard areas.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 49 on the Consent Agenda.

6. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 48 and 49, Series of 2012, and Cash Disbursements dated August and September, 2012 be placed on the Consent Agenda. Council Member Lopez moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

7. Reports/Discussion

a. 2012 and 2013 Budgets

The Draft 2012 and 2013 Budget spreadsheets were included in the meeting packet. Mr. Hindman provided a general outline of the financial model including how TABOR is calculated. Mr. Hindman asked that the Board review the budgets and direct any questions to him. The Board will be approving the budgets at 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.

8. Other Business

District's Annual Compensation Adjustment Process

Commissioner Beckman announced that it is time to conduct the Executive Director's Annual Compensation Adjustment. Typically, this is a process undertaken by the Executive Committee; however, this year, they would like to open it up to a few more Board Members. Commissioner Beckman mentioned that they would be looking for volunteers at the October Board Meeting.

Joe Shoemaker Endowment

Mr. Hindman announced that the District has been working with Wright Water Engineers, Inc. to develop an endowment to one of the local colleges or foundations in honor of Mr. Joe Shoemaker. The details are still being ironed out but Mr. Hindman wanted to inform the Board of the concept to make sure there weren't any concerns and to answer any questions. More details will be provided at a future board meeting.

Thornton TIF

The City of Thornton has requested a meeting with the District to discuss the utilization of tax increment financing (TIF) to fund an urban renewal area. Mr. Hindman will contact the City of Thornton and follow previously adopted Board Policy.

9. Announcements

Next Board meeting is scheduled for October 18, 2012.

10. Adjournment

Commissioner Beckman adjourned the meeting at 1:50 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2012
(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 2012 is \$36,430,336,004 for all territory within the District, and the individual totals for each county wherein the District has territory are as follows:

ADAMS	\$ 4,368,844,920
ARAPAHOE	\$ 7,279,029,493
BOULDER	\$ 4,088,317,358
BROOMFIELD	\$ 973,594,145
DENVER	\$10,082,782,062
DOUGLAS	\$ 3,496,347,369
JEFFERSON	\$ 6,123,420,657

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 not more than one-tenth of a mill shall be used for engineering and operations of the District, not more than four-tenths of a mill shall be used for capital construction, not more than four-tenths of a mill shall be used for maintenance and preservation of floodways and floodplains, and not more than 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 not more than one-tenth of a mill shall be used for engineering and operations of the District, not more than four-tenths of a mill shall be used for capital construction, and not more than 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 2013 (2012 taxes collected in 2013 hereinafter referred to as "fiscal year 2013") 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 2013 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 \$4,349,322; and

WHEREAS, the District has determined to comply with TABOR in regard to fiscal year 2013 by a temporary mill levy reduction in advance of the receipt of revenues in 2013 of 0.123 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 2013 of 0.097 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 2013 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 0.657 mill (see Exhibit A) on and against all taxable property within the District subject to taxation for the year 2013 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 0.599 mill (see Exhibit B) on and against all taxable property within the District subject to taxation for the year 2013 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. 50, SERIES OF 2012
(Certification of Tax Levy)

Exhibit A

Mill levy for Adams, Arapahoe, Denver, Douglas, and Jefferson Counties

	<u>Gross Levy</u>	<u>Temporary Mill Levy Reduction</u>	<u>Net Levy</u>
UDFCD (Parent) Levy	<u>0.696</u>	<u>0.097</u>	<u>0.599</u>
UDFCD/SPR Levy	<u>0.084</u>	<u>0.026</u>	<u>0.058</u>
Total	<u>0.780</u>	<u>0.123</u>	<u>0.657</u>

Levy is 0.657 mill

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2012
(Certification of Tax Levy)

Exhibit B

Mill levy for Boulder and Broomfield Counties

	<u>Gross Levy</u>	Temporary Mill Levy <u>Reduction</u>	<u>Net Levy</u>
UDFCD	0.696	0.097	0.599

Levy is 0.599 mill

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2012

(Adoption of 2013 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, 2013 and December 31, 2013 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 18, 2012, 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 2013 as hereinafter set forth.

I. GENERAL FUND

A. FUND BALANCE: 1/1/13

1. Restricted - Emergency Reserve	120,187
2. Reserve for Future Operations	603,839

B. REVENUE:

1. Taxes	3,850,000
2. Manuals and Publications	500
3. Seminars and Conferences	15,000
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	500
11. Project Participation Refund	10,000
Total Revenue	3,885,000

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: 4,498,839

E. EXPENDITURES:

1. Salaries and Services	2,185,641
2.1 Floodplain Management Activities	360,000

2.2	Information Services and Flood Warning	249,700
3.	Drainage Master Plans	575,000
4.	Special Projects	496,500
5.	Office and Operating Costs	291,300
6.	Local Expenses and Travel	67,000
7.	Treasurer's Fees	55,050
8.	Other	44,000
9.	Emergency Reserve	39,539
10.	Transfer to Other Fund	<u>0</u>
	Total Expenditures	4,363,730
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	159,726
2.	Reserve for Future Operations	135,109
II.	<u>SPECIAL REVENUE FUND - CONSTRUCTION</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	358,045
2.	Reserve for Future Operations	3,238,595
B.	REVENUE:	
1.	Taxes	9,790,000
2.	Interest	30,000
3.	Other	0
4.	Project Participation Refund	<u>75,000</u>
	Total Revenues	9,895,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	25,000
2.	Transfers from Other Fund	<u>0</u>
	Total	25,000
D.	TOTAL FUNDS AVAILABLE:	13,158,595
E.	EXPENDITURES:	
1.	Salaries and Services	641,218
2.	Operating Costs	297,700
3.	Local Expenses and Auto, and Travel	34,000
4.	Construction	11,700,000
5.	MGR Replacement Fund	2,660
6.	Treasurer's Fees	140,270
7.	Contingencies	155,000
8.	Emergency Reserve	61,080
9.	Transfer to Other Funds	<u>0</u>
	Total Expenditures	13,031,928
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	419,125
2.	Reserve for Future Operations	126,667
III.	<u>SPECIAL REVENUE FUND - MAINTENANCE</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	311,313
2.	Reserve for Future Operations	1,004,759

B.	REVENUES:	
1.	Taxes	9,350,000
2.	Interest	20,000
3.	Other	5,000
4.	Project Participation Refund	<u>4,000</u>
	Total Revenues	9,379,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	<u>0</u>
	Total	1,000
D.	TOTAL FUNDS AVAILABLE:	10,384,759
E.	EXPENDITURES:	
1.	Salaries and Services	836,449
2.	Operating Costs	321,200
3.	Local Expenses and Auto, and Travel	53,000
4.	Maintenance Service	8,287,188
5.	Small Project Participation	3,500
6.	Flood Warning	507,000
7.	Treasurer's Fees	136,420
8.	Contingency	40,000
9.	Emergency Reserve	24,230
10.	Transfer to Other Funds	<u>0</u>
	Total Expenditures	10,208,987
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	335,543
2.	Reserve for Future Operations	175,772
IV.	<u>SPECIAL REVENUE FUND - SOUTH PLATTE RIVER</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	79,987
2.	Reserve for Future Operations	307,053
B.	REVENUE:	
1.	Taxes	1,925,000
2.	Interest	10,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	<u>0</u>
	Total Revenues	1,935,000
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	<u>0</u>
	Total	0
D.	TOTAL FUNDS AVAILABLE:	2,242,053

E.	EXPENDITURES:	
1.	Salaries and Services	281,866
2.	Operating Costs	70,300
3.	Local Expenses and Travel	15,250
4.	Maintenance Service	1,735,000
5.	Construction	0
6.	Property Owner Coop Projects	0
7.	Treasurer's Fees	30,025
8.	Other	24,000
9.	Emergency Reserve	14,706
10.	Transfer to Other Funds	<u>0</u>
	Total Expenditures	2,171,147
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	94,693
2.	Reserve for Future Operations	70,906
V.	<u>CAPITAL PROJECTS FUND</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - MGR	38,916
B.	REVENUE:	
1.	MGR Replacement Fun Total Revenues	2,660
2.	Interest	<u>30</u>
		2,690
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Received from Other Funds/Sources	2,660
D.	TOTAL FUNDS AVAILABLE:	
1.	Restricted MGR	44,266
E.	EXPENDITURES: MGR Construction Replacement	0
F.	FUND BALANCE: 12/31/13	
1.	Restricted - MGR	44,266
VI.	<u>FLOOD EMERGENCY CONTINGENCY FUND</u>	
A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	500,000
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:Transfers from Other Funds	0
C.	TOTAL FUNDS AVAILABLE:	500,000
D.	EXPENDITURES:	
1.	Emergency Projects	500,000
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. 52, SERIES OF 2012
(Appropriation of Funds for 2013)

WHEREAS, the Board has duly adopted a budget for the fiscal (calendar) year of 2013 based on 2012 property tax revenues received in 2013 (hereinafter referred to as "fiscal year 2013") as provided by law; and

WHEREAS, the Statutes of the State of Colorado require that a resolution appropriating 2012 property tax revenue funds for use in fiscal (calendar) year 2013 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, 2013, 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 18, 2012, to the uses and purposes hereinafter indicated for the operation of the Urban Drainage and Flood Control District during the fiscal (calendar) year 2013.

I. GENERAL FUND

A. FUND BALANCE: 1/1/13

1. Restricted - Emergency Reserve	120,187
2. Reserve for Future Operations	603,839

B. REVENUE:

1. Taxes	3,850,000
2. Manuals and Publications	500
3. Seminars and Conferences	15,000
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	500
11. Project Participation Refund	10,000
Total Revenue	3,885,000

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: 4,498,839

E. EXPENDITURES:

1. Salaries and Services	2,185,641
2.1 Floodplain Management Activities	360,000
2.2 Information Services and Flood Warning	249,700
3. Drainage Master Plans	575,000
4. Special Projects	496,500
5. Office and Operating Costs	291,300
6. Local Expenses and Travel	67,000
7. Treasurer's Fees	55,050
8. Other	44,000
9. Emergency Reserve	39,539
10. Transfer to Other Fund	0

	Total Expenditures	4,363,730
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	159,726
2.	Reserve for Future Operations	135,109
II.	<u>SPECIAL REVENUE FUND - CONSTRUCTION</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	358,045
2.	Reserve for Future Operations	3,238,595
B.	REVENUE:	
1.	Taxes	9,790,000
2.	Interest	30,000
3.	Other	0
4.	Project Participation Refund	<u>75,000</u>
	Total Revenues	9,895,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	25,000
2.	Transfers from Other Fund	<u>0</u>
	Total	25,000
D.	TOTAL FUNDS AVAILABLE:	13,158,595
E.	EXPENDITURES:	
1.	Salaries and Services	641,218
2.	Operating Costs	297,700
3.	Local Expenses and Auto, and Travel	34,000
4.	Construction	11,700,000
5.	MGR Replacement Fund	2,660
6.	Treasurer's Fees	140,270
7.	Contingencies	155,000
8.	Emergency Reserve	61,080
9.	Transfer to Other Funds	<u>0</u>
	Total Expenditures	13,031,928
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	419,125
2.	Reserve for Future Operations	126,667
III.	<u>SPECIAL REVENUE FUND - MAINTENANCE</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	311,313
2.	Reserve for Future Operations	1,004,759
B.	REVENUES:	
1.	Taxes	9,350,000
2.	Interest	20,000
3.	Other	5,000
4.	Project Participation Refund	<u>4,000</u>
	Total Revenues	9,379,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	<u>0</u>
	Total	1,000

D.	TOTAL FUNDS AVAILABLE:	10,384,759
E.	EXPENDITURES:	
1.	Salaries and Services	836,449
2.	Operating Costs	321,200
3.	Local Expenses and Auto, and Travel	53,000
4.	Maintenance Service	8,287,188
5.	Small Project Participation	3,500
6.	Flood Warning	507,000
7.	Treasurer's Fees	136,420
8.	Contingency	40,000
9.	Emergency Reserve	24,230
10.	Transfer to Other Funds	0
	Total Expenditures	10,208,987
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	335,543
2.	Reserve for Future Operations	175,772
IV.	<u>SPECIAL REVENUE FUND - SOUTH PLATTE RIVER</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	79,987
2.	Reserve for Future Operations	307,053
B.	REVENUE:	
1.	Taxes	1,925,000
2.	Interest	10,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	1,935,000
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	0
D.	TOTAL FUNDS AVAILABLE:	2,242,053
E.	EXPENDITURES:	
1.	Salaries and Services	281,866
2.	Operating Costs	70,300
3.	Local Expenses and Travel	15,250
4.	Maintenance Service	1,735,000
5.	Construction	0
6.	Property Owner Coop Projects	0
7.	Treasurer's Fees	30,025
8.	Other	24,000
9.	Emergency Reserve	14,706
10.	Transfer to Other Funds	0
	Total Expenditures	2,171,147
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	94,693
2.	Reserve for Future Operations	70,906

V.	<u>CAPITAL PROJECTS FUND</u>	
A.	FUND BALANCE: 1/1/13	
1.	Restricted - MGR	38,916
B.	REVENUE:	
1.	MGR Replacement Fun Total Revenues	2,660
2.	Interest	<u>30</u>
		2,690
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Received from Other Funds/Sources	2,660
D.	TOTAL FUNDS AVAILABLE:	
1.	Restricted MGR	44,266
E.	EXPENDITURES: MGR Construction Replacement	0
F.	FUND BALANCE: 12/31/13	
1.	Restricted - MGR	44,266
VI.	<u>FLOOD EMERGENCY CONTINGENCY FUND</u>	
A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	500,000
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Transfers from Other Funds	0
C.	TOTAL FUNDS AVAILABLE:	500,000
D.	EXPENDITURES:	
1.	Emergency Projects	500,000
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 53, SERIES OF 2012

(Adoption of Floodplain Maps for Big Dry Creek in Adams County, Cottonwood Creek and Tributaries, East Toll Gate Creek (Upper), First Creek and Tributary T, Piney Creek and Antelope Creek, Second Creek and Willow 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 2012, amended the Floodplain Regulation; and

WHEREAS, floodplain maps for Big Dry Creek in Adams County, City and County of Broomfield, Thornton and Westminster; Cottonwood Creek in Greenwood Village, Centennial, Arapahoe County, Douglas County and Lone Tree; East Toll Gate Creek (Upper) in Aurora and Arapahoe County; First Creek in Denver, Adams County, Aurora and Arapahoe County; Piney Creek and Antelope Creek in Centennial, Arapahoe County, Aurora and Douglas County; Second Creek in Adams County and Aurora; and Willow Creek in Centennial, Lone Tree and Douglas 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 October 18, 2012.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors, after a public hearing, held on October 18, 2012, 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, Big Dry Creek"; January, 2012; in Adams County, City and County of Broomfield and Cities of Thornton and Westminster, Colorado; by Wright Water Engineers, Inc., including Appendix D, Floodplain and Floodway Data Tables for the "100-Yr Floodway (0.5ft. rise in EGL)".
2. "Flood Hazard Area Delineation, Cottonwood Creek" August, 2012, including Havana Tributary, Peoria Tributary and Inverness Tributary; in Cities of Greenwood Village, Centennial and Lone Tree, Arapahoe County and Douglas County, Colorado; by Muller Engineering Company, Inc., including Appendix D, Floodplain and Floodway Data Table, Cottonwood Creek Mainstem and Cottonwood Creek Tributaries for the "100-Yr 0.5ft. Floodway".
3. "Flood Hazard Area Delineation, East Toll Gate Creek (Upper)"; December, 2010, in City of Aurora and Arapahoe County, Colorado; by J3 Engineering Consultants, including Appendix D, Floodplain and Floodway Data Table for the "100-Year Floodway (0.5ft. Rise)".
4. "Flood Hazard Area Delineation, First Creek (Upstream of Buckley Road)"; October, 2011, including Tributary T, in the City and County of Denver, City of Aurora, Adams County and Arapahoe County, Colorado; by Moser and Associates Engineering; including Appendix F – Existing Floodplain and Floodway Data Table First Creek and Existing Floodplain and Floodway Data Table Tributary T for the "100-year Floodway (0.5ft. EGL)".
5. "Flood Hazard Area Delineation, Piney Creek and Antelope Creek", December, 2011, in the Cities of Centennial and Aurora, Arapahoe County and Douglas County, Colorado; by WRC Engineering Inc., including Appendix D, Floodplain and Floodway Data Table for the "100-Year Floodway (0.5ft. Rise in EGL)".
6. "Flood Hazard Area Delineation, Second Creek (Upstream of Denver International Airport)" May, 2011, in City of Aurora and Adams County, Colorado; by Olsson Associates and Matrix Design Group Inc.; including Appendix D, Floodplain and Floodway Data Table for the "100-year Floodway (0.5ft. EGL)".

7. “Flood Hazard Area Delineation, Willow Creek” December, 2010, in the Cities of Centennial and Lone Tree and Douglas County, Colorado, by CH2MHill, including Appendix D “100-Year Floodway (FW) Data (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

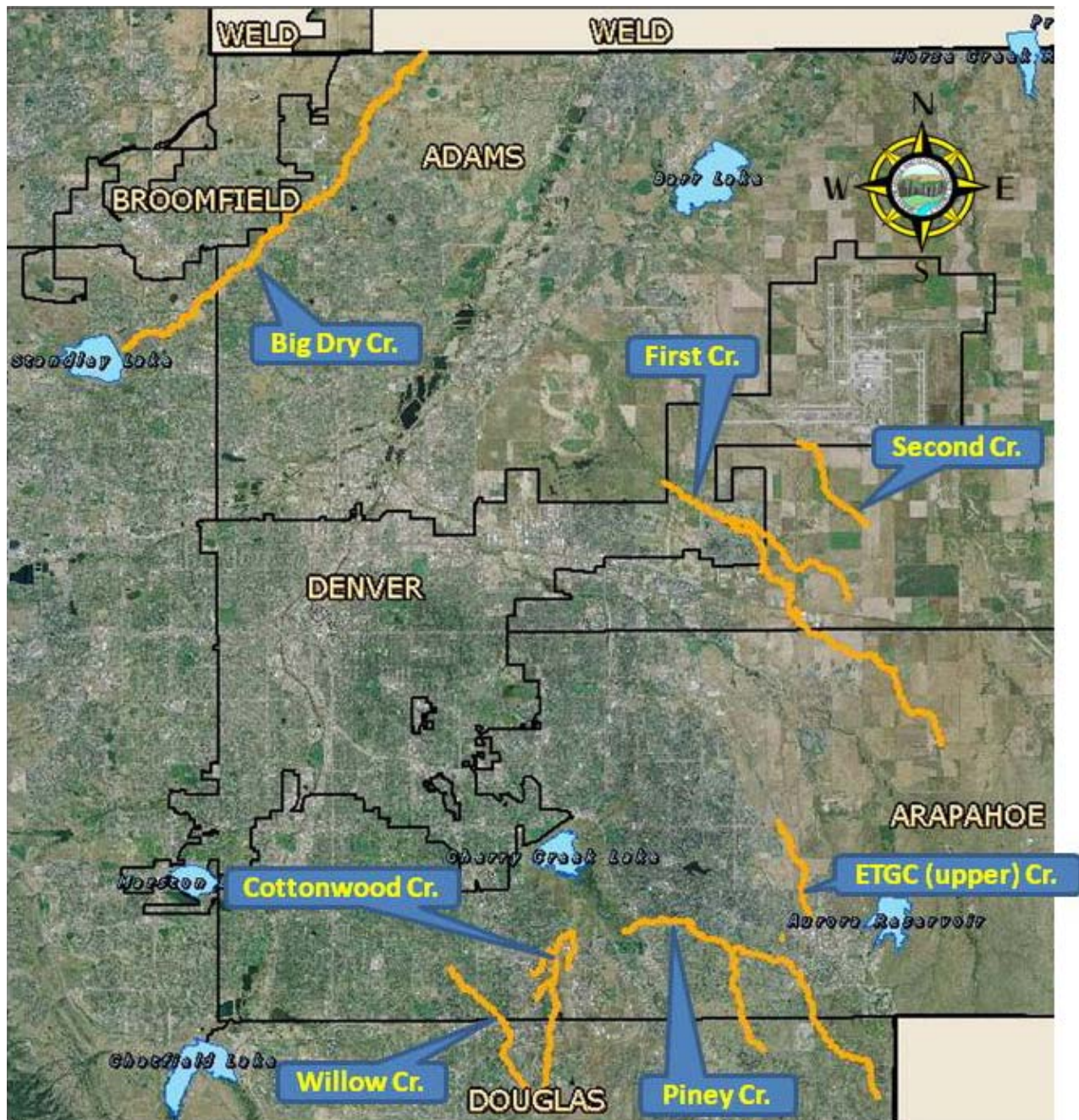
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 53, SERIES OF 2012

(Adoption of Floodplain Maps for Big Dry Creek in Adams County, Cottonwood Creek and Tributaries, East Toll Gate Creek (Upper), First Creek and Tributary T, Piney Creek and Antelope Creek, Second Creek and Willow Creek)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2012

(Acceptance of Flood Hazard Area Delineation Report for Marston Lake North Drainageway)

WHEREAS, the Board has previously established a Work Program for 2010 (Resolution No. 72, Series of 2009) 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. 77, Series of 2009); and

WHEREAS, the Executive Director has executed an agreement with Olsson Associates for a master planning and flood hazard area delineation study of Marston Lake North Drainageway; and

WHEREAS, a report "Flood Hazard Area Delineation, Marston Lake North Drainageway" dated July, 2012 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 accepts the report "Flood Hazard Area Delineation Marston Lake North Drainageway," dated July, 2012 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 and County of Denver, City of Lakewood, and Jefferson 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 Section 37-60-106(1)(c), Colorado Revised Statutes, 1973, 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

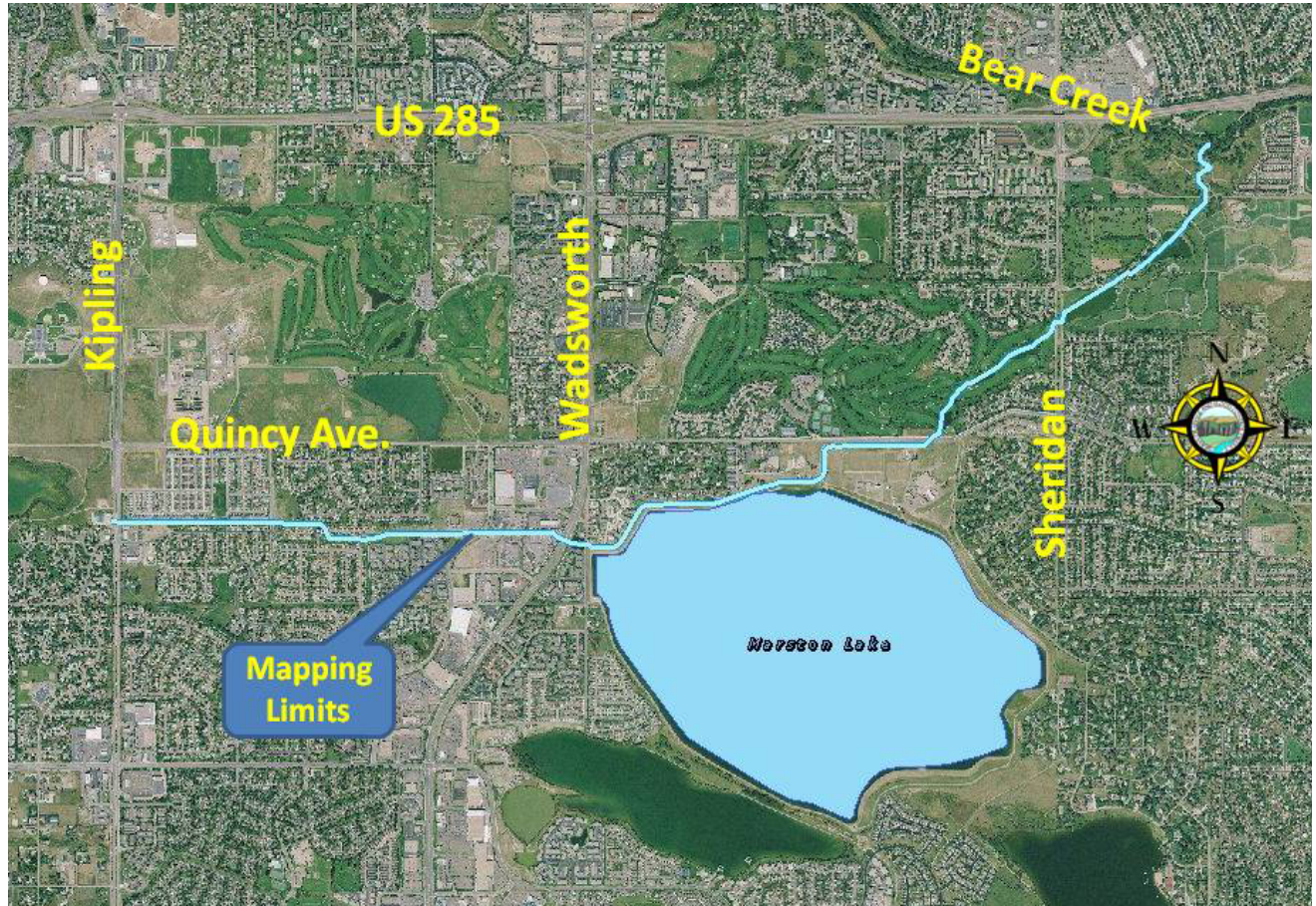
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2012

(Acceptance of Flood Hazard Area Delineation Report for Marston Lake North Drainageway)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 55, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek at Arapahoe Road, 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 the Southeast Metro Stormwater Authority (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. 40, Series of 2012) \$200,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road (Exhibit A); and

WHEREAS, City of Aurora, Cherry Creek Basin Water Quality Authority (CCBWQA), SEMSWA and the District now desire to provide additional funding for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road; and

WHEREAS, the District's additional participation being authorized by this resolution is \$65,000; and

WHEREAS, the District has estimated the additional project costs to be \$215,000 resulting in a revised total project cost of \$615,000 (District \$265,000, Others \$350,000); 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. 49, Series of 2011) for calendar year 2012 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. 57, Series of 2011) 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 amended as follows:
"The District's maximum contribution to the Cherry Creek at Arapahoe Road project without prior approval of the Board shall be ~~\$200,000~~ **\$265,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by City of Aurora, SEMSWA, CCBWQA, and CDOT."
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. 55, SERIES OF 2012

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 56, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Goldsmith Gulch at Peakview in 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, Arapahoe County has enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Goldsmith Gulch at Peakview project; and

WHEREAS, the City and County of Denver, the City of Greenwood Village, Arapahoe County, and the District cooperated in the preparation of "Goldsmith Gulch Major Drainageway Planning" dated November, 1977; and

WHEREAS, the Board previously authorized, (Resolution No. 29, Series of 2009) \$100,000 for design, acquisition of right-of-way, and construction of improvements along Goldsmith Gulch at Peakview (Exhibit A); and

WHEREAS, SEMSWA and the District now desire to construct improvements along Goldsmith Gulch at Peakview; and

WHEREAS, the District's additional participation being authorized by this resolution is \$65,000; and

WHEREAS, SEMSWA has estimated the additional project costs to be \$65,000 resulting in a revised total project cost of \$655,980 (District \$165,000, SEMSWA \$490,980); 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. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Goldsmith Gulch at Peakview; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Goldsmith Gulch at Peakview were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2009, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Goldsmith Gulch at Peakview project without prior approval of the Board shall be ~~\$100,000~~ **\$165,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

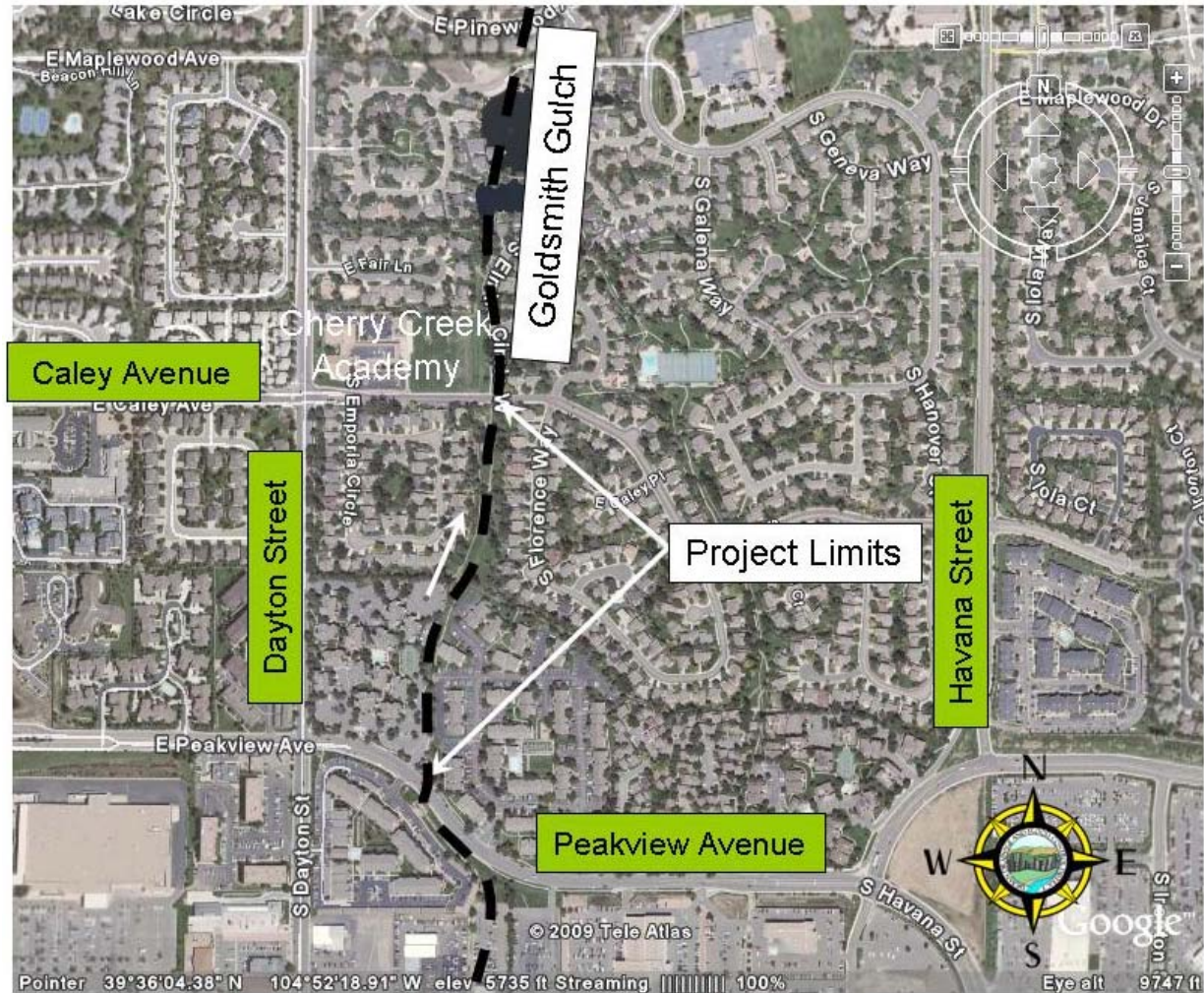
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 56, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Goldsmith Gulch at Peakview in Unincorporated Arapahoe County)

EXHIBIT A





BOARD OF DIRECTORS AGENDA

Urban Drainage and Flood Control District
2480 W. 26th Avenue, Suite 156 B
Denver Colorado, 80211
303-455-6277

Thursday, December 20, 2012
1:00 p.m.

How the District Works – 12:45 p.m.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**
- 2. Roll Call - Determination of Quorum**
- 3. Introductions**
 - a. Visitors/Guests/Staff
 - b. Awards/Presentations
- 4. Approval of October 18, 2012 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 2012- 2016 Five-Year Capital Improvement Plan
- 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 2013 Work Program (Resolution No. 57, Series 2012)
 - c. Adoption of Five-Year Capital Improvement Plan (CIP) 2012 - 2016 (Resolution No. 58, Series of 2012)
 - d. Authorization of 2013 Maintenance Plan Expenditures (Resolution No. 59, Series of 2012)
 - e. Authorization of 2013 Maintenance Expenditures for South Platte River (Resolution No. 60, Series of 2012)
 - f. Authorization to Enter into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation (Resolution No. 61, Series of 2012)
 - g. Authorization of 2013 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems (Resolution No. 62, Series of 2012)
 - h. Authorization to Establish an Areawide Meteorological Support Service to Local Governments (Resolution No. 63, Series of 2012)
 - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to Iliff Avenue, City and County of Denver (Resolution 64, Series of 2012)
 - j. 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. 65, Series of 2012)
 - k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn (Resolution No. 66, Series of 2012)

- l. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Dahlia Outfall, Phase 4, Adams County (Resolution No. 67, Series of 2012)
 - m. Authorization to Participate in Drainage and Flood Control Improvements on Marston Lake, City and County of Denver (Resolution No. 68, Series of 2012)
 - n. Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Dry Creek at West Lake Avenue, City of Littleton, Arapahoe County (Resolution No. 69, Series of 2012)
 - o. Authorization for a Planning Study of Upper Westerly Creek (Resolution No. 70, Series of 2012)
 - p. Acceptance of Easterly Creek Outfall Systems Planning Study (Resolution No. 71, Series of 2012)
 - q. Authorization for a Planning Study of Weir Gulch (Resolution No. 72, Series of 2012)
 - r. Authorization for a Planning Study of Kalcevik Gulch (Resolution No. 73, Series of 2012)
 - s. Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 74, Series of 2012)
 - t. Authorization of Funds to Complete Flood Hazard Area Delineation Studies, Letter of Map Changes Studies, Risk MAP Studies, and Other Floodplain Management Activities (Resolution No. 75, Series of 2012)
 - u. Acceptance of Flood Hazard Area Delineation Report for Sand Creek Colfax to Yale (Resolution No. 76, Series of 2012)
- 7. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
- 8. Executive Session – Executive Director’s Annual Review**
- 9. Reports/Discussion**
- a. Repurposing the High Line Canal for Stormwater Treatment
 - b. Executive Director’s Report
- 10. Other Business**
- a. Appointment of Nominating Committee
 - b. Appointment of Legislative Committee
- 11. Announcements**
Next Regularly Scheduled Meeting: **Friday, February 01, 2013**
- The Board does not meet in January.**
- 12. Adjournment**



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

October 18, 2012

MINUTES

Members Present:

Debbie Brinkman, Mayor, City of Littleton
Barbara Cleland, Mayor Pro Tem, City of Aurora
Joyce Downing, Mayor, City of Northglenn
Keith Gardner, Mayor Pro Tem, City of Centennial
Faye Griffin, Commissioner, Jefferson County
B. H. (Bob) Hoffmaster, Engineer
Peggy Lehmann, Council Member, City/County of Denver
Paul Lopez, Council Member, City/County of Denver
Nancy McNally, Mayor, City of Westminster
Bob Murphy, Mayor, City of Lakewood
Alice Nichol, Commissioner, Adams County
Dave Sellards, Engineer
Greg Stokes, Mayor Pro Tem, City/County of Broomfield
Mary Beth Susman, Council Member, City/County of Denver
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

Members Absent:

Susan Beckman, Commissioner, Arapahoe County
Deb Gardner, Commissioner, Boulder County
Cary Kennedy, Deputy Mayor, City/County of Denver
Bonnie McNulty, Mayor, City of Edgewater
Lisa Morzel, Deputy Mayor, City of Boulder
Bob Muckle, Mayor, City of Louisville
Jill Repella, Commissioner, Douglas County
Heidi Williams, Mayor, City of Thornton

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director of Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bill DeGroot	Manager, 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
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services
Shea Thomas	Senior Project Engineer, Master Planning

Others Present

Jim Kaiser City of Thornton

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**
Commissioner Nichol 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**
There were no visitors or guests to introduce at this board meeting.
 - b. **Awards/Presentations**
The District received an Honor Award for Outstanding Achievement from the Colorado Association of Stormwater and Floodplain Managers (CASFM) on behalf of the South Platte River and Lower Lakewood Gulch Improvement Project. The award was presented to Bryan Kohlenberg at the board meeting.
4. **Board Approval of September 20, 2012 Meeting Minutes**
Commissioner Nichol moved to approve the September 20, 2012 minutes. The minutes were approved as submitted.
5. **Public Hearing**
Commissioner Nichol opened the Public Hearing.
 - a. **2013 Budget**
Three resolutions were introduced in the budget discussion: Resolution No. 50 certifies the levy, Resolution No. 51 adopts the 2013 Budget, and Resolution No. 52 appropriates the funds.

Mr. Hindman explained that there are six 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 two funds, Capital Projects Fund and Flood Emergency, are dependent on transfers from one of the four primary funds as well as contributions from other revenue sources. Mr. Hindman also highlighted a few budget numbers of interest to the Board. Commissioner Nichol requested comments or questions from the Board and public. There being none, the 2013 Budget Public Hearing was closed.
 - b. **Floodplain Map Adoption**
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 (FHAD's) following a public hearing.

There are seven recent studies to consider for Board adoption all of which have been designated and approved by the Colorado Water Conservation Board. The FHAD's are available on our website.

Resolution No. 53 adopts the maps, profiles, and floodway tables contained in the seven FHAD reports which are listed in the resolution and states that this information supersedes any previously adopted information.

Commissioner Nichol requested comments or questions from the Board and public. There being none, the Floodplain Map Adoption Public Hearing was closed.

Public hearing closed at 1:25pm.
6. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated September and October 2012 was 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. 50, Series of 2012)

Resolution No. 50, 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. 50 on the Consent Agenda.

c. Adoption of 2013 Budgets (Resolution No. 51, Series of 2012)

Resolution No. 51, Adoption of 2013 Budgets, 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. 51 on the Consent Agenda.

d. Appropriation of Funds for 2013 (Resolution No. 52, Series of 2012)

Resolution No. 52, Appropriation of Funds for 2013, 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.

e. Adoption of Floodplain Maps for Big Dry Creek in Adams County, Cottonwood Creek and Tributaries, East Toll Gate Creek (Upper), First Creek and Tributary T, Piney Creek and Antelope Creek, Second Creek and Willow Creek (Resolution No. 53, Series of 2012)

Resolution No. 53, Adoption of Floodplain Maps, 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. 53 on the Consent Agenda.

f. Acceptance of Flood Hazard Area Delineation Report for Marston Lake North Drainageway (Resolution No. 54, Series of 2012)

This is a FHAD for Marston Lake North located within the City and County of Denver, City of Lakewood, and Jefferson County.

Resolution No. 54 accepts the FHAD, recommends that Denver, Lakewood and Jefferson County adopt the report and regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCBC) for designation and approval.

g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora and Centennial and Unincorporated Areas, Arapahoe County. (Resolution No. 55, Series of 2012)

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

The City of Aurora and SEMSWA desire to design, acquire right-of-way, and construct improvements along Cherry Creek at Arapahoe Road in accordance with the "Cherry Creek Corridor Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report" dated January 2004. 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, the City of Aurora, SEMSWA, and CCBWQA are still gathering funds to start the design and land acquisition portion of this \$13-15 million drainage project. The CCBWQA is adding \$150,000 to the project. The City of Aurora has requested that an additional \$65,000 in District funds be added to the project.

The District, the City of Aurora, SEMSWA, and CCBWQA have identified \$615,000 in initial project costs with the District's participation being \$265,000. The previous

authorization, Resolution No. 40, Series of 2012, totaled \$200,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 55 authorizes an additional \$65,000 of District funds from the Special Revenue Fund - Construction to at least be matched by City of Aurora, SEMSWA, CCBWQA, and CDOT 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. 55 on the Consent Agenda.

5. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview in Unincorporated Arapahoe County (Resolution No. 56, Series of 2012)

This is a joint project with SEMSWA. Icon Engineering designed the project under contract with SEMSWA. The drainage elements of the project include installation of drop structures, bank protection, and concrete box culverts. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and SEMSWA desire to construct the improvements which will be managed by SEMSWA.

The District and SEMSWA have identified \$655,980 in total project costs with the District's participation being \$165,000. The previous authorizations, Resolution No.29, Series of 2009, totaled \$100,000 to fund design and to partially fund acquisition of right-of-way and construction. Resolution No. 56 authorizes an additional \$65,0000 of District funds from the Special Revenue Fund - Construction to at least be matched by 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. 56 on the Consent Agenda.

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 50, 51, 52, 53, 54, 55, and 56, Series of 2012, and Cash Disbursements dated September and October, 2012 be placed on the Consent Agenda. Council Member Susman moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Executive Session – Pursuant to 24-6-402(4)(b), C.R.S. concerning EPA Notice

It was moved and seconded at 1:20 p.m. that the Board move into an Executive Session to discuss the Piney Creek Project. The Executive Session concluded at 1:45 p.m.

9. 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.

10. Other Business

District's Annual Compensation Adjustment Process

Mr. Hindman reminded everyone that the Executive Committee is searching for volunteers to be a part of the committee to review the Executive Director's Annual Compensation Adjustment. Typically, this is a process undertaken by the Executive Committee; however, this year, they would like to open it up to a few more Board Members. Mayor McNally offered to volunteer for this effort.

11. Announcements

Next Board meeting is scheduled for November 15, 2012.

12. Adjournment

Commissioner Nichol adjourned the meeting at 2:20 p.m.

2013 MAINTENANCE WORK PLAN

ADAMS COUNTY

TOTAL FUNDS - \$984,980

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BIG DRY CREEK- TANGLEWOOD CREEK	WESTMINSTER	FROM U/S TO 200 L.F. D/S OF 121ST AND DELAWARE	MOWING & REMOVE DEBRIS	---	750
2	BIG DRY CREEK- LAKE ERIE TRIB. NO 1	ADAMS CO.	144TH AVENUE TO YORK STREET	MOWING AND REMOVE DEBRIS	---	1,500
3	BIG DRY CREEK- WADLEY SOUTH CREEK	THORNTON	BIG DRY CREEK TO YORK STREET	MOWING AND REMOVE DEBRIS NEW FOR 2013	---	1,500
4	BRANTNER GULCH	THORNTON	FOREST DRIVE TO COLORADO BLVD. SOUTH OF 124TH AVE	REMOVE DEBRIS	---	500
5	BRANTNER GULCH	THORNTON	HOLLY STREET	DEBRIS REMOVAL NEW FOR 2013	---	500
6	BRANTNER GULCH- TRIBUTARY 5 (EASTLAKE RESVR. D'WAY)	THORNTON	N.W. OF COLORADO BLVD. AND 124TH AVE.	MOWING AND REMOVE DEBRIS	---	500
7	BRANTNER GULCH - TRIB 3 LAKEVIEW TRIBUTARY	THORNTON	JASMINE STREET	REMOVE DEBRIS	---	500
8	CITY PARK DRAINAGEWAY	WESTMINSTER	800 LF D/S OF LOWELL TO 400 LF U/S OF LOWELL	MOWING AND REMOVE DEBRIS	---	750
9	CLEAR CREEK	ADAMS CO.	N.E. OF 56TH & LOWELL	MOWING AND REMOVE DEBRIS	---	750
10	CLEAR CREEK	ADAMS CO.	S.E. OF 78TH & WASHINGTON METRO VIEW DETENTION	REMOVE DEBRIS	---	750
11	CLEAR CREEK- PAGE GULCH	ADAMS CO.	BROADWAY AND 70TH	MOWING AND REMOVE DEBRIS	---	500
12	DUPONT DRAINAGE	ADAMS CO.	80TH AVE. AT BRIGHTON RD. 80TH AVE DETENTION	MOWING AND REMOVE DEBRIS	---	2,000
13	GRANGE HALL CREEK	THORNTON	RIVERDALE ROAD TO COLORADO BLVD.	MOWING AND REMOVE DEBRIS	---	1,000
14	GRANGE HALL CREEK	NORTHGLENN	IRMA ST. TO LARSON ST. AT 105TH.	MOVING AND REMOVE DEBRIS	---	4,000
15	GRANGE HALL CREEK	ADAMS CO.	FROM S. PLATTE R. TO 2100 FT UPSTREAM.(BROMLEY)	REMOVE DEBRIS	---	1,000
16	GRANGE HALL CREEK	NORTHGLENN	STEELE STREET EXTENDED TO YORK STREET EXT. FOX RUN	REMOVE DEBRIS	---	1,500
17	GRANGE HALL CREEK	NORTHGLENN	I-25 TO GRANT DRIVE	REMOVE DEBRIS	---	1,500
18	GRANGE HALL CREEK- CLAUDE COURT TRIB.	NORTHGLENN	FROM 113TH TO 116TH WEST OF RAILROAD TRACKS.	MOWING AND REMOVE DEBRIS	---	1,500
19	GRANGE HALL CREEK- TRIBUTARY NE	NORTHGLENN	ALONG 112TH FROM 113TH TO WASHINGTON	MOWING AND REMOVE DEBRIS	---	3,500
20	GRANGE HALL CREEK - TRIBUTARY S	NORTHGLENN	WASHINGTON STREET TO GRANT STREET AT 101ST AVENUE	REMOVE DEBRIS	---	500
21	HIDDEN LAKE D'WAY	ADAMS CO.	CLEAR CREEK TO HIDDEN LAKE AT 67TH	MOWING AND REMOVE DEBRIS	---	2,500
22	HOFFMAN DRAINAGEWAY	ADAMS CO.	AT 86TH AVE. FROM SPR TO D/S OF STEELE&WELBY RD TO 88TH	MOWING AND REMOVE DEBRIS	---	2,500
23	KALCEVIK GULCH	ADAMS CO.	FROM IRRIGATION DITCH TO MARIPOSA AND 70TH	MOWING AND REMOVE DEBRIS	---	1,500

ADAMS COUNTY
2013 ROUTINE SERVICES CONTINUED

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
24	LITTLE DRY CRK.(ADCO)	WESTMINSTER	LOWELL TO SHERIDAN BLVD. EXCEPT WOLFF TO 75TH	MOWING AND REMOVE DEBRIS	---	1,500
25	LITTLE DRY CRK.(ADCO)	ADAMS CO.	CLEAR CREEK TO 64TH AVE. DETENTION POND	REMOVE DEBRIS	---	2,500
26	LITTLE DRY CRK.(ADCO)	ADAMS CO.	64th AVE. TO FEDERAL BLVD.	REMOVE DEBRIS	---	750
27	LITTLE DRY CRK.(ADCO)- SHAW HEIGHTS TRIBUTARY	WESTMINSTER	FROM CONF. WITH LITTLE DRY CK. TO 1025 FT. U/S.	MOWING AND REMOVE DEBRIS	---	500
28	McKAY LAKE OUTFALL	THORNTON	I-25 TO WASHINGTON STREET	MOWING AND REMOVE DEBRIS NEW FOR 2013	---	1,000
29	NIVER CREEK	ADAMS CO.	S. PLATTE R. CONFLUENCE TO D/S EXPLORADOR CALLE.	MOWING AND REMOVE DEBRIS	---	3,000
30	NIVER CREEK	ADAMS CO.	FROM D/S EXPLORADOR CALLE TO WASHINGTON STREET.	REMOVE - DEBRIS/SILT	---	750
31	NIVER CREEK	THORNTON	NW OF I-25 AND 88TH AVE. NIVER DETENTION POND	REMOVE - DEBRIS/SILT	---	1,500
32	NIVER CREEK	THORNTON	NIVER DET. POND TO PECOS STREET.	MOWING AND REMOVE DEBRIS	---	1,500
33	NIVER CREEK	FEDERAL HTS	WEST OF ZUNI ST. AT 98TH RUSTON PARK	REMOVE - DEBRIS/SILT	---	750
34	NIVER CREEK- TRIBUTARY L	THORNTON	NW OF I-25 AND 86TH AVE.	MOWING AND REMOVE DEBRIS	---	1,500
35	NIVER CREEK- TRIBUTARY L	FEDERAL HTS	HURON ST. TO BELL ROTH POND	MOWING AND REMOVE DEBRIS	---	1,500
36	NIVER CREEK- TRIBUTARY M	FEDERAL HTS	ELM CT REGIONAL DETENTION W. 96TH & ELM COURT	REMOVE - DEBRIS/SILT	---	750
37	NIVER CREEK - TRIBUTARY M	THORNTON	PECOS STREET TO CACTUS DRIVE	REMOVE DEBRIS	---	1,000
38	SAND CREEK	COMMERCE CITY	S. PLATTE TO QUEBEC ST.	REMOVE - TREES AND DEBRIS/SILT AT DROP STRUCTURES	---	750
39	SAND CREEK	AURORA	AIRPORT BLVD. TO COLFAX AVENUE.	MOWING AND REMOVE DEBRIS	---	1,500
40	SAND CREEK- BARANMOOR DITCH	AURORA	PEORIA ST. TO SABLE BLVD	MOWING AND REMOVE DEBRIS	---	7,500
41	SOUTH PLATTE RIVER - BRIGHTON NORTH OUTFALL	BRIGHTON	S. PLATTE TO 168TH AVE & 19TH TO FULTON DITCH AT AUGUST LN	MOWING AND REMOVE DEBRIS	---	3,500
42	SOUTH PLATTE RIVER - LONG PEAK STREET OUTFALL	BRIGHTON	HIGHWAY 85 TO SOUTH PLATTE RIVER	REMOVE DEBRIS	---	150
43	SOUTH PLATTE RIVER - BRIGHTON SOUTH OUTFALL	BRIGHTON	S.P.R. TO CARDINAL AVENUE	MOWING AND REMOVE DEBRIS	---	2,500
44	WESTERLY CREEK	AURORA	COLFAX AVE TO MONTIVIEW BLVD MONTVIEW BLVD TO E. 26TH AVE	REMOVE DEBRIS	---	1,000
2013 ROUTINE SUBTOTAL						66,900

ADAMS COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	BIG DRY CREEK	THORNTON	144TH WAY TO WADLEY SOUTH CREEK	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	2,500
2	BIG DRY CREEK	THORNTON	WADLEY SOUTH CREEK TO 152ND AVENUE	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	2,500
3	BIG DRY CREEK	THORNTON	152ND AVENUE TO E-470	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	2,500
4	BIG DRY CREEK	THORNTON	DS OF YORK STREET TO 156TH AVENUE	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	2,500
5	CLEAR CREEK	ADAMS CO.	FROM S.PLATTE RIVER TO 52ND AVENUE.	REMOVE - TREES AND DEBRIS/SILT ANNUAL WORK.	CONST	2,000
6	DUPONT DRAINAGE	COMMERCE CITY	72ND AVE. AND MAGNOLIA LOS VAL PARK DETENTION	REMOVE - DEBRIS/SILT ANNUAL WORK	CONST	2,500
7	DUPONT DRAINAGE-FAIRFAX TRIBUTARY	COMMERCE CITY	S.OF 69TH AVE.AND FAIRFAX DRIVE. FAIRFAX DETENTION.	RESERVOIR REPAIR-SILT REMOVAL. ANNUAL WORK.	CONST	5,000
8	DUPONT DRAINAGE-FAIRFAX TRIBUTARY	COMMERCE CITY	64TH AVE. AND OLIVE ST. OLIVE PARK DETENTION	REMOVE - DEBRIS/SILT ANNUAL WORK	CONST	2,500
9	GRANGE HALL CREEK	NORTHGLENN	EAST OF IRMA DRIVE	REMOVE - DEBRIS/SILT ANNUAL WORK	CONST	2,500
10	GRANGE HALL CREEK-NIVER CANAL	NORTHGLENN	WEST OF PECOS	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	3,000
11	NIVER CREEK	THORNTON	NW OF I-25 AND 88TH AVE NIVER DETENTION POND	REMOVE - DEBRIS/SILT ANNUAL WORK.	CONST	5,000
12	NIVER CREEK	THORNTON	THORNTON PARKWAY	REMOVE - TREES AND DEBRIS/SILT ANNUAL WORK.	CONST	1,000
13	VARIOUS	ADAMS CO.	COUNTY-WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	30,000
CONTINUING PROJECTS						
14	TANGLEWOOD CREEK	WESTMINSTER	122ND AVENUE TO 123RD AVENUE	DROP STRUCTURE REPLACEMENT	ENG CONST	15,000 315,000
NEW PROJECTS						
15	BIG DRY CREEK	THORNTON	THROUGH THORN CREEK GOLF COURSE	STREAMBANK REPAIR	ENG CONST	35,000 100,000
16	GRANGE HALL CREEK	THORNTON	COLORADO BLVD. TO 3,000 LF UPSTREAM	STREAMBANK REPAIR, SILT REMOVAL, TREE THINNING	ENG CONST	25,000 100,000
17	NIVER CREEK	THORNTON	HURON STREET TO UPSTREAM PEDESTRIAN BRIDGE	STREAMBANK REPAIR	ENG CONST	50,000 125,000
18	SAND CREEK	COMMERCE CITY	AT 52ND AVENUE	BANK REPAIR ADJACENT TO TRAIL	ENG CONST	20,000
19	VARIOUS	ADAMS CO.	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	20,000
2013 RESTORATION SUBTOTAL						868,500
ADAMS COUNTY CONTINGENCY						49,580
TOTAL 2013 ADAMS COUNTY BUDGET						984,980

FILE NAME=2013 Adams County.XLS

2013 MAINTENANCE WORK PLAN

ARAPAHOE COUNTY

TOTAL FUNDS- \$1,645,155

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BEAR CREEK	SHERIDAN	S. PLATTE RIVER TO LOWELL	DEBRIS REMOVAL	---	2,400
2	BIG DRY CREEK(ARAPCO)	ENGLEWOOD	S PLATTE RIVER TO BELLEVIEW	DEBRIS REMOVAL	---	1,500
3	BIG DRY CREEK(ARAPCO)	LITTLETON SOUTH SUB.	BELLEVIEW TO LEHOW AVE.	DEBRIS REMOVAL	---	1,000
4	BIG DRY CREEK(ARAPCO)	ENGLEWOOD LITTLETON	U/S BROADWAY TO D/S LITTLETON BLVD	DEBRIS REMOVAL	---	900
5	BIG DRY CREEK(ARAPCO)	85% G.W. VILL. 15% CENTNNL	U/S BROADWAY TO ORCHARD ORCHARD RD.TO CHRRYWOOD	DEBRIS REMOVAL	---	1,200
6	BIG DRY CREEK(ARAPCO)	SEMSWA -CENTENNIAL	DEKOEVEND PARK , UNIVERSITY BLVD TO COLORADO	DEBRIS REMOVAL	---	4,500
7	BIG DRY CREEK(ARAPCO)- BRANCH 2	SEMSWA -CENTENNIAL	BIG DRY TO UNIV TO NICHOLS PL AND PHILLIPS TO COUNTY LINE	MOWING & DEBRIS REMOVAL	---	2,800
8	BIG DRY CREEK(ARAPCO)- NOBLES ROAD TRIB	SEMSWA -CENTENNIAL	UNIV. TO U/S OF STEELE	MOWING & DEBRIS REMOVAL	---	1,300
9	BIG DRY CREEK(ARAPCO)- NOBLES ROAD TRIB	SEMSWA -CENTENNIAL	COLO BLVD TO DRY CREEK RD	MOWING & DEBRIS REMOVAL	---	1,800
10	BIG DRY CREEK(ARAPCO)- OTERO TRIB	SEMSWA -CENTENNIAL	OTERO AVE TO COUNTY LINE ROAD	DEBRIS REMOVAL	---	800
11	CHERRY CREEK	GLENDALE	COLORADO TO EXPOSITION	DEBRIS REMOVAL	---	1,500
12	CHERRY CREEK	SEMSWA -ARAPCO	DROP #18 TO DROP #19 TO YALE EXTENDED	DEBRIS REMOVAL	---	2,300
13	CHERRY CREEK- BASIN 6 TRIB	SEMSWA -ARAPCO	E.OF CHERRY CK. AT VALENTIA NORTH OF ILIFF	DEBRIS REMOVAL	---	300
17	CHERRY CREEK- CHENANGO TRIBUTARY	SEMSWA -ARAPCO	SE OF PARKER ROAD AND FREMONT AVENUE	REMOVE DEBRIS/SILT	---	1,400
14	CHERRY CREEK- CHERRY VISTA TRIB	SEMSWA -ARAPCO	CHERRY CREEK DRIVE TO ORCHARD ROAD	MOWING & DEBRIS REMOVAL	---	1,400
15	CHERRY CREEK- DOVE CREEK	SEMSWA -CENTENNIAL	CONF WITH CHERRY CK TO JORDAN RD AND POND D3	MOWING & DEBRIS REMOVAL	---	2,200
16	CHERRY CREEK- JOPLIN TRIB	SEMSWA -CENTENNIAL	S. CHAMBERS RD & JOPLIN WAY. RB1-POND 4.	MOWING & DEBRIS REMOVAL	---	1,200
18	CHERRY CREEK- QUINCY DRAINAGE	AURORA	QUINCY AVE FROM PARKER RD TO PARK PERIMETER RD	DEBRIS REMOVAL	---	2,900
19	CHERRY CREEK- SHOP CREEK	AURORA	ABILENE CIR AT PARKER RD POND OUTLET TO PERIMETER RD	DEBRIS REMOVAL	---	500
20	CHERRY CREEK- VALLEY CLUB ACRES TRIB	SEMSWA -ARAPCO	CALEY AVENUE, WEST OF PARKER ROAD	MOWING & DEBRIS REMOVAL	---	1,200

**ARAPAHOE COUNTY
2013 ROUTINE SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
21	COTTONWOOD CREEK	GREENWD VILL.	ON PEORIA NORTH OF CALEY	MOWING & DEBRIS REMOVAL	---	1,500
22	DUTCH CREEK	COL. VALLEY	S PLATTE RIVER TO PLATTE CANYON ROAD	MOWING & DEBRIS REMOVAL	---	1,800
23	DUTCH CREEK- THREE LAKES TRIBUTARY	COL. VALLEY	DUTCH CREEK TO PLATTE RIVER DRIVE.	MOWING & DEBRIS REMOVAL	---	400
24	EAST TOLL GATE CREEK- EAST TOLL GATE TRIB	AURORA	MISSISSIPPI TO JEWELL EXTND.	DEBRIS REMOVAL	---	1,700
25	EAST TOLL GATE CREEK- SIDE CREEK TRIBUTARY	AURORA	MISSISSIPPI AVENUE TO DUNKIRK STREET	DEBRIS REMOVAL	---	4,800
26	GOLDSMITH GULCH	GREENWD VILL.	BERRY AVE TO ORCHARD ROAD	MOWING & DEBRIS REMOVAL	---	1,000
27	GREENWOOD GULCH	GREENWD VILL.	HOLLY ST. TO ORCHARD RD.	DEBRIS REMOVAL	---	500
28	GREENWOOD GULCH	SEMSWA -CENTENNIAL	ORCHARD RD TO MONACO WAY	DEBRIS REMOVAL	---	400
29	GREENWOOD GULCH	SEMSWA -CENTENNIAL	UPSTREAM OF MONACO WAY	MOWING & DEBRIS REMOVAL	---	1,800
30	HAPPY CANYON CREEK	SEMSWA -ARAPCO	CONF WITH CHERRY CK TO JORDAN RD	MOWING & DEBRIS REMOVAL	---	2,600
31	HARVARD GULCH	SEMSWA -ARAPCO	ON HOLLY PLACE BOTH NORTH AND SOUTH OF YALE AVE 2 DETENTION PONDS	DEBRIS REMOVAL	---	300
32	LEE GULCH	LITTLETON SOUTH SUB.	SANTA FE BLVD TO CLARKSON EXCLUDES WINDERMERE POND	DEBRIS REMOVAL	---	6,200
33	LITTLE CREEK	LITTLETON	SANTA FE TO RAILROAD	MOWING & DEBRIS REMOVAL	---	1,400
34	LITTLE CREEK	LITTLETON	RAILROAD TO BEMIS ST. DETENTION POND	MOWING & DEBRIS REMOVAL	---	2,700
35	LITTLE CREEK	LITTLETON	LAKE AVE TO APACHE ALONG STERNE PARKWAY	MOWING & DEBRIS REMOVAL	---	4,500
36	LITTLE CREEK	SEMSWA -CENTENNIAL	DRY CK ROAD & CLARKSON DETENTION POND	MOWING & DEBRIS REMOVAL	---	1,700
37	LITTLE DRY CRK. (ARAPCO)	ENGLEWOOD	S. PLATTE RIVER TO SANTA FE	MOWING & DEBRIS REMOVAL	---	1,800
38	LITTLE DRY CRK. (ARAPCO)	ENGLEWOOD	SANTA FE TO EASTMAN EXT.	DEBRIS REMOVAL	---	300
39	LITTLE DRY CRK. (ARAPCO)	ENGLEWOOD	BROADWAY TO PENNSYLVANIA PENNSYLVANIA TO CLARKSON	DEBRIS REMOVAL	---	900
40	LITTLE DRY CRK. (ARAPCO)	CHERRY HILLS	CLARKSON TO CITY DITCH HUNTWICK LN TO BELLEVIEW	DEBRIS REMOVAL	---	1,200
41	LITTLE DRY CRK. (ARAPCO)	GREENWOOD VILLAGE	DOWNSTREAM OF LONG ROAD	MOWING & DEBRIS REMOVAL	---	2,300
42	LITTLE DRY CRK. (ARAPCO)	SEMSWA -CENTENNIAL	BROOK VALLEY WAY TO FAIRFAX WAY	MOWING & DEBRIS REMOVAL	---	2,700
43	LITTLE DRY CRK. (ARAPCO)	SEMSWA -CENTENNIAL	HOLLY DAM FROM HOLLY ST. TO KRAMERIA	MOWING & DEBRIS REMOVAL	---	2,000
44	LITTLE DRY CRK. (ARAPCO)	SEMSWA -CENTENNIAL	KRAMERIA TO ARAPAHOE RD.	MOWING & DEBRIS REMOVAL	---	1,300
45	LITTLE DRY CRK. (ARAPCO)	SEMSWA -CENTENNIAL	QUEBEC TO YOSEMITE	MOWING & DEBRIS REMOVAL	---	4,400
46	LITTLE DRY CRK. (ARAPCO)- LIBERTY HILLS TRIB	SEMSWA -CENTENNIAL	CONF WITH LITTLE DRY CK TO DAHLIA CIRCLE	MOWING & DEBRIS REMOVAL	---	1,200

**ARAPAHOE COUNTY
2013 ROUTINE SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
47	LITTLE DRY CRK. (ARAPCO)- SPRUCE CIRCLE TRIB	SEMSWA -CENTENNIAL	COSTILLA BLVD TO EASTER PLACE	MOWING & DEBRIS REMOVAL	---	500
48	MEADOWOOD DRAIN	AURORA	ILIFF TO HAMPDEN AND HAMPDEN TO QUINCY	DEBRIS REMOVAL	---	7,600
49	NO NAME CREEK	SEMSWA -ARAPCO	CHENANGO & PICADILLY BELLEVIEW DETENTION POND	MOWING & DEBRIS REMOVAL	---	1,100
50	NO NAME CREEK	SEMSWA -ARAPCO	QUINCY & HIMALAYA QUINCY POND	DEBRIS REMOVAL	---	900
51	NO NAME CREEK- NO NAME TRIBUTARY	SEMSWA -ARAPCO	HAMPDEN AVE & PICADILLY TALL GRASS POND	MOWING & DEBRIS REMOVAL	---	2,700
52	PINEY CREEK- REC. CENTER TRIBUTARY	SEMSWA -ARAPCO	TOWER RD, S. OF ORCHARD RD RB5-RESERVOIR 1	DEBRIS REMOVAL	---	1,900
53	PINEY CREEK- TUSCANY TRIBUTARY	SEMSWA -CENTENNIAL	SOUTH OF FAIR AVE WEST OF JERICHO WAY	MOWING & DEBRIS REMOVAL	---	1,900
54	PINEY CREEK- DIRECT FLOW AREA	SEMSWA -CENTENNIAL	ORCHARD RD & JOPLIN WAY RB2-POND 2	MOWING & DEBRIS REMOVAL	---	1,500
55	PINEY CREEK- SMOKY HILL MIDDLE TRIB.	SEMSWA -CENTENNIAL	RIFLE ST. AT BERRY RB3-POND 3	MOWING & DEBRIS REMOVAL	---	900
56	PINEY CREEK- SMOKY HILL WEST TRIB.	SEMSWA -CENTENNIAL	PITKIN AT BERRY RB3- POND 2	MOWING & DEBRIS REMOVAL	---	1,000
57	PINEY CREEK- SMOKY HILL MID. TRIB.LEFT	SEMSWA -CENTENNIAL	URAVAN CT. AT BERRY PL RB4-POND 1	MOWING & DEBRIS REMOVAL	---	1,100
58	PINEY CREEK- SMOKY HILL EAST TRIB	SEMSWA -CENTENNIAL	YAMPA ST. AT BERRY PL RB4-POND 2	MOWING & DEBRIS REMOVAL	---	900
59	SJCD NORTH	SEMSWA -ARAPCO	PORTLAND DRIVE EXTENDED TO SHERIDAN	MOWING & DEBRIS REMOVAL	---	300
60	SJCD SOUTH- NORTH TRIB	LITTLETON	CONF WITH SJCD SOUTH 6200 TO PLATTE CANYON RD	MOWING & DEBRIS REMOVAL	---	800
61	SLAUGHTERHOUSE GULCH	LITTLETON	PRINCE TO RIO GRANDE	MOWING & DEBRIS REMOVAL	---	500
62	SLAUGHTERHOUSE GULCH	LITTLETON SOUTH SUB.	RIO GRANDE TO WINDEMERE & POWERS PARK DET. POND	DEBRIS REMOVAL	---	900
63	SLAUGHTERHOUSE GULCH	SEMSWA -CENTENNIAL	GRANT ST. AND MAPLEWOOD GRANT ST. DETENTION POND	MOWING & DEBRIS REMOVAL	---	3,400
64	SLAUGHTERHOUSE GULCH- SOUTH TRIBUTARY	LITTLETON	CONF. WITH SLTRHOUSE TO ENERGY DISSIPATOR. N.W. OF WNDERMERE&POWERS	DEBRIS REMOVAL	---	100
65	SOUTH PLATTE RIVER- COLUMBINE VALLEY TRIB	COL. VALLEY	S. PLATTE RIVER TO FAIRWAY LANE	MOWING & DEBRIS REMOVAL	---	900
66	SOUTH PLATTE RIVER- DRAINAGEWAY D	COL. VALLEY	SE BOWLES & PLATTE CANYON ALONG BROOKHAVEN	MOWING & DEBRIS REMOVAL	---	900
67	SOUTH PLATTE RIVER- DRAINAGEWAY F	SEMSWA -ARAPCO	CALEY LN.TO FREMONT DR. EXT ALONG S.PLATTE CANYN.RD.	MOWING & DEBRIS REMOVAL	---	900
68	SOUTH PLATTE RIVER- SHERIDAN H.S. TRIB	SHERIDAN	CLAY ST. TO HOOKER ST. EXTENDED	REMOVE DEBRIS/SILT	---	300
69	WEST HARVARD GULCH	ENGLEWOOD	RAILROAD TO ZUNI STREET	DEBRIS REMOVAL	---	900

**ARAPAHOE COUNTY
2013 ROUTINE SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
70	WEST TOLL GATE CREEK	SEMSWA -ARAPCO	KILARNEY ST. & CRESTLINE WILLAMETTE DETENTION POND	MOWING & DEBRIS REMOVAL	---	1,500
71	WEST TOLL GATE CREEK	SEMSWA -CENTENNIAL	RIVIERA WAY & POWERS LANE RIVIERA WAY DETENTION POND	MOWING & DEBRIS REMOVAL	---	900
72	WEST TOLL GATE CREEK- SUMMER VAL RANCH TRIB	AURORA	CONF. W/WEST TOLL GATE TO PRINCETON DR.	DEBRIS REMOVAL	---	9,700
73	WEST TOLL GATE CREEK- YAMPA DRAW TRIBUTARY	SEMSWA -CENTENNIAL	S. WACO ST. AT YAMPA CIR. LBO-POND 1	MOWING & DEBRIS REMOVAL	---	900
74	WESTERLY CREEK	AURORA	ILIFF TO YALE UPPER WESTERLY	DEBRIS REMOVAL	---	1,900
75	WESTERLY CREEK	AURORA	E. OF HAVANA, ALAMEDA TO EXPOSITION. EXPO PARK DET.	REMOVE DEBRIS/SILT	---	1,400
76	WESTERLY CREEK- UTAH PARK TRIBUTARY	AURORA	NW OF JEWELL & POTOMAC JEWELL AVENUE WETLANDS	REMOVE DEBRIS/SILT	---	1,400
77	WILLOW CREEK (ARAPCO)	SEMSWA -CENTENNIAL	CONF WITH LITTLE DRY TO ENGLEWOOD DAM	MOWING & DEBRIS REMOVAL	---	2,100
78	WILLOW CREEK (ARAPCO)	SEMSWA -CENTENNIAL	ENGLEWOOD DAM LOW FLOW IN FLOOD POOL	MOWING & DEBRIS REMOVAL	---	2,500
79	WILLOW CREEK (ARAPCO)	SEMSWA -CENTENNIAL	DRY CREEK ROAD TO COUNTY LINE ROAD.	DEBRIS REMOVAL	---	4,100
80	WILLOW CREEK (ARAPCO)- EAST TRIBUTARY	SEMSWA -CENTENNIAL	CONF. WITH WILLOW CK TO ROSEMARY	DEBRIS REMOVAL	---	400
81	WILLOW CREEK (ARAPCO)- FOXHILL PARK TRIB	SEMSWA -CENTENNIAL	NICHOLS EXTENDED TO OTERO	MOWING & DEBRIS REMOVAL	---	800
82	WILLOW CREEK (ARAPCO)- HOMESTEAD TRIBUTARY	SEMSWA -CENTENNIAL	CONF WITH WILLOW CREEK TO HOMESTEAD PARKWAY	DEBRIS REMOVAL	---	300
83	WILLOW CREEK (ARAPCO)- SPRING CREEK	SEMSWA -CENTENNIAL	CONF WITH WILLOW CREEK TO MINERAL AVENUE	DEBRIS REMOVAL	---	600
84	WILLOW CREEK (ARAPCO)- WEST SPRING CREEK	SEMSWA -CENTENNIAL	MINERAL AVE. TO COUNTY LINE ROAD	MOWING & DEBRIS REMOVAL	---	1,100
85	WINDMILL CREEK	SEMSWA -ARAPCO	BRIARWOOD TO BLACKHAWK ST AND POND W8 AT JORDON AND MAPLEWOOD AND POND W9 AT SW CORNER OF POTOMAC AND CALEY	MOWING & DEBRIS REMOVAL	---	6,000
86	WINDMILL CREEK	AURORA	FROM CALEY AVENUE SOUTH 1000 FT	DEBRIS REMOVAL	---	1,700
2013 ROUTINE SUBTOTAL						153,700

ARAPAHOE COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	BIG DRY CREEK - BIG DRY CREEK TRIBUTARY	ENGLEWOOD	HURON DETENTION POND NW OF HURON ST&STANFORD AVE	SEDIMENT REMOVAL	CONST	15,000
2	LITTLE DRY CRK. (ARAPCO)	SEMSWA -CENTENNIAL	HOLLY DETENTION POND N.E. HOLLY ST & ARAPAHOE RD	SEDIMENT REMOVAL	CONST	20,000
3	NO NAME CREEK -BELLEVIEW DETENTION POND	SEMSWA -ARAPCO	CHENANGO & PICADILLY BELLEVIEW DETENTION POND	SEDIMENT REMOVAL	CONST	10,000
4	PINEY CREEK- SMOKY HILL WEST TRIB	SEMSWA -CENTENNIAL	PITKIN AT BERRY PL. RB3-POND 2. DET. POND	SEDIMENT REMOVAL	CONST	2,000
5	PINEY CREEK- SMOKY HILL EAST TRIB	SEMSWA -CENTENNIAL	BERRY DRIVE & YAMPA ST RB4-POND 2 DET. POND	SEDIMENT REMOVAL	CONST	2,000
6	PINEY CREEK- SMOKY HILL MIDDLE TRIB.	SEMSWA -CENTENNIAL	RIFLE STREET AT BERRY PL. RB3-POND 3. DET. POND.	SEDIMENT REMOVAL	CONST	2,000
7	SLAUGHTERHOUSE GULCH	SEMSWA -CENTENNIAL	MAPLEWOOD DR & GRANT ST GRANT STREET DETENTION	SEDIMENT REMOVAL	CONST	2,000
8	SLAUGHTERHOUSE GULCH	LITTLETON	POWERS AVE. & HURON ST POWERS PARK DET. POND.	SEDIMENT REMOVAL	CONST	3,000
9	SO PLATTE RIVER COLUMBINE VALLEY TRIB	COL. VALLEY	S0 PLATTE RIVER & FAIRWAY LANE	SEDIMENT REMOVAL	CONST	2,000
10	WILLOW CREEK (ARAPCO)	SEMSWA -CENTENNIAL	ENGLEWOOD DETENTION POND, EASTER AVE & HOLLY	SEDIMENT REMOVAL	CONST	25,000
11	WILLOW CREEK (ARAPCO)	SEMSWA -CENTENNIAL	SOUTH OF DRY CREEK ROAD AT HOMESTEAD PARKWAY.	SEDIMENT REMOVAL	CONST	15,000
12	LITTLE'S CREEK	LITTLETON	D/S OF CROCKER ST. AT STERNE PKWY	SEDIMENT REMOVAL	CONST	3,000
13	VARIOUS	ARAP CO	COUNTY-WIDE	ALL REVEG, WEEDS, AND SEDIMENT CONTROL	CONST	30,000
CONTINUING PROJECTS						
14	LEE GULCH	LITTLETON	HERITAGE HIGH SCHOOL	DROP STRUCTURES AND BANK PROTECTION	ENG CONST	1,000 100,000
15	LITTLE DRY CREEK	GREENWOOD VILLAGE	BELLEVIEW TO STEELE STREET	DROP STRUCTURES AND BANK PROTECTION	ENG CONST	1,000 250,000
16	WEST TOLL GATE CREEK	AURORA	HAMPDEN AVENUE TO MANSFIELD AVENUE	REVEGETATION AND WEED CONTROL	ENG CONST	0 10,000
17	PINEY CREEK	SEMSWA - ARAPCO	DOWNSTREAM OF TOWER ROAD	SITE RESTORATION AND TREE MITIGATION	ENG CONST	0 50,000
18	WEST HARVARD GULCH	ENGLEWOOD -CENTENNIAL	UPSTREAM OF TEJON STREET	REVEGETATION AND WEED CONTROL	ENG CONST	0 25,000
19	WILLOW CREEK	SEMSWA -CENTENNIAL	DRY CREEK ROAD TO QUEBEC STREET	REVEGETATION AND WEED CONTROL	ENG CONST	0 10,000

**ARAPAHOE COUNTY
2013 RESTORATION SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
NEW PROJECTS						
20	BIG DRY CREEK	SEMSWA -CENTENNIAL	CHERRY KNOLLS PARK	BANK PROTECTION AND DROP STRUCTURE	ENG CONST	50,000 150,000
21	CHERRY CREEK	GLENDALE	COLORADO TO EXPOSITION	TREE THINNING	CONST	10,000
22	CONSTRUCTION MANAGER SMALL PROJECTS FUND	ARAP CO	COUNTY-WIDE	TBD	ENG CONST	15,000 100,000
23	EAST TOLL GATE CREEK	AURORA	UPSTREAM AND DOWNSTREAM OF CHAMBERS ROAD	TREE THINNING AND DEBRIS REMOVAL	CONST	250,000
24	LITTLE DRY CREEK	CHERRY HILLS	AT TUFTS AVENUE	BANK PROTECTION AND DROP STRUCTURE	ENG CONST	26,000 75,000
25	LITTLES CREEK	LITTLETON	AT GREENWOOD STREET EXTENDED	BANK PROTECTION	ENG CONST	30,000 0
26	VARIOUS	ARAP CO	COUNTY-WIDE	ALL PERMITTING FEES AND	ENG	40,000
2013 RESTORATION SUBTOTAL						1,324,000
ARAPAHOE COUNTY CONTINGENCY						167,455
TOTAL 2013 ARAPAHOE COUNTY BUDGET						1,645,155

FILE NAME=2013 Arapahoe County.XLS

2013 MAINTENANCE WORK PLAN

BOULDER COUNTY

TOTAL FUNDS - \$921,733

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BEAR CANYON CREEK	BOULDER	MOOREHEAD TO LEHIGH ST. ALONG TABLE MESA DR.	MOWING & DEBRIS REMOVAL	---	1,000
2	BOULDER CREEK- HEATHERWOOD TRIB.	BOULDER CO.	ALONG 75TH STREET NORTH OF JAY RD.	MOWING & DEBRIS REMOVAL	---	1,250
3	COAL CREEK - KENOSHA FARMS POND	ERIE	KENOSHA ROAD AND LOMBARDI ST	MOWING & DEBRIS REMOVAL	---	3,000
4	COAL CREEK - BOULDER CREEK DITCH - POND 1056	ERIE	SW CORNER OF TELLEN AVENUE	MOWING & DEBRIS REMOVAL	---	500
5	COAL CREEK - BOULDER CREEK DITCH - POND 1045	ERIE	U/S OF COUNTY LINE RD, SOUTH OF UPRR TO 150 LF U/S OF TELLEN AVE	MOWING & DEBRIS REMOVAL	---	3,500
6	COAL CREEK - BOULDER CREEK DITCH - MELLER STREET	ERIE	NORTH OF ERIE PARKWAY AND W. OF MELLER STREET	MOWING & DEBRIS REMOVAL	---	800
7	COAL CREEK - BOULDER CREEK DITCH - POND 1044	ERIE	S. OF ERIE PARKWAY TO AUSTIN AVENUE	MOWING & DEBRIS REMOVAL	---	2,100
8	COAL CREEK - BOULDER CREEK DITCH - POND 1043	ERIE	SW CORNER OF MEADOW SWEET LANE U/S TO POPE DRIVE	MOWING & DEBRIS REMOVAL	---	800
9	COAL CREEK - BOULDER CREEK DITCH - POND 1041	ERIE	SW OF ERIE PARKWAY ALONG 119TH STREET TO MEADOW SWEET LN	MOWING & DEBRIS REMOVAL	---	1300
10	COAL CREEK - BOULDER CREEK DITCH - POND 1050	ERIE	W. OF COUNTY LINE ROAD, SOUTH OF AUSTIN AVENUE	MOWING & DEBRIS REMOVAL	---	2700
11	COAL CREEK (BOCO)- DRAINAGEWAY NO. 2	LAFAYETTE	E. ELM STREET AND N. FINCH AVE	DEBRIS REMOVAL	---	750
12	COAL CREEK (BOCO)- DRAINAGEWAY NO. 4	LAFAYETTE	COAL CK TO S. BOULDER RD. TO MERLIN DR TO PUBLIC RD DISTEL DR TRIB FROM COAL CK TO AVALON AVE	MOWING & DEBRIS REMOVAL	---	3,000
13	COAL CREEK (BOCO)- DRAINAGEWAY NO. 5	LAFAYETTE	COAL CK. TO 700 L.F. NORTH	MOWING & DEBRIS REMOVAL	---	2,000
14	COAL CREEK (BOCO)- DRAINAGEWAY NO. 6	LAFAYETTE	COAL CK. TO MINOTAUR DR.	MOWING & DEBRIS REMOVAL	---	850
15	COAL CREEK (BOCO)- DRAINAGEWAY NO. 7	LAFAYETTE	COAL CK. TO LYDIA DRIVE	MOWING & DEBRIS REMOVAL	---	1,200
16	COAL CREEK (BOCO)- DRAINAGEWAY A	LOUISVILLE	E OF FRANKLIN CT HILLSBOROUGH WEST POND	DEBRIS REMOVAL	---	350
17	COAL CREEK (BOCO)- DRAINAGEWAY B	LOUISVILLE	COAL CREEK TO 96TH STREET (HIGHWAY #42)	MOWING & DEBRIS REMOVAL	---	750
18	COAL CREEK (BOCO)- DRAINAGEWAY D	LOUISVILLE	U/S OF CHERRY ST TO DET. POND D OUTFALL	MOWING & DEBRIS REMOVAL	---	1,700
19	COAL CREEK (BOCO)- DRAINAGEWAY D	LOUISVILLE	S. OF VIA APPIA WAY DETENTION POND D	MOWING & DEBRIS REMOVAL	---	700
20	COAL CREEK (BOCO)- DRAINAGEWAY E	LOUISVILLE	SOUTH OF W. DILLON ROAD TO COAL CREEK	DEBRIS REMOVAL	---	200
21	COAL CREEK (BOCO)	LAFAYETTE	S PUBLIC RD TO U/S OF DRAINAGEWAY 7	DEBRIS REMOVAL	---	750
22	COAL CREEK (BOCO)	LOUISVILLE	U/S AND D/S OF EMPIRE RD (HWY 42) CULVERT	DEBRIS REMOVAL	---	400

BOULDER COUNTY
2013 ROUTINE SERVICES CONTINUED

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
23	COAL CREEK (BOCO)	SUPERIOR	McCASLIN BLVD. TO 1ST AVE. GRASSO PARK & AT 2ND AVE.	DEBRIS REMOVAL	---	400
24	COAL CREEK (BOCO)- McCASLIN BLVD. CROSSING	SUPERIOR	EAST OF McCASLIN BLVD. . NORTH OF ROCK CK. PKWY.	DEBRIS REMOVAL	---	1,250
25	COAL CREEK (BOCO)- SAGAMORE DRAINAGEWAY	SUPERIOR	NORTH OF COAL CREEK DRIVE, WEST OF NORTH 76TH AVENUE	DEBRIS REMOVAL	---	400
26	DRAINAGEWAY G OUTFALL INTO ROCK CREEK	BOULDER COUNTY	FROM ROCK TRAIL TO CONFLUENCE WITH ROCK CREEK	DEBRIS REMOVAL NEW FOR 2013	---	500
27	DRAINAGEWAY G	LAFAYETTE	UPSTREAM OF HIGHWAY 287 TO 104TH AVENUE	DEBRIS REMOVAL NEW FOR 2013	---	1,250
28	DRY CREEK NORTH- GUNBARREL EST. TRIB.	BOULDER CO.	IRRIG. DITCH TO COLT DRIVE W.OF LOOKOUT RD. & 75TH ST.	MOWING & DEBRIS REMOVAL	---	1,000
29	FOURMILE CANYON CK.	BOULDER CO.	500 LF U/S OF BROADWAY TO 1500 LF D/S OF 28TH STREET	DEBRIS REMOVAL	---	1,500
30	GOOSE CREEK	BOULDER	BOULDER CK. CONF AT POND TO FOOTHILLS PKWY. TO EDGEWOOD DR./FOLSOM ST. INCLUDES NORTH GOOSE CHNL	MOWING & DEBRIS REMOVAL	---	8,000
31	GOOSE CREEK- ELMERS TWOMILE CREEK	BOULDER	D/S OF GLENWOOD TO 26TH ST.	MOWING & DEBRIS REMOVAL	---	2,500
32	GREGORY CANYON CK	BOULDER	U/S & D/S WILLOWBROOK RD 6TH ST & AURORA 7TH ST., PLEASANT ST.	DEBRIS REMOVAL	---	200
33	PRINCE LAKE NO 2 DRAINAGE POND 1025	ERIE	WEST OF 111TH STREET	MOWING & DEBRIS REMOVAL	---	1,000
34	PRINCE LAKE NO 2 DRAINAGE POND 1026	ERIE	NORTH OF ODEL DRIVE	MOWING & DEBRIS REMOVAL	---	1,500
35	ROCK CREEK	SUPERIOR	100 LF D/S OF FLATIRON CIRCLE TO McCASLIN BOULEVARD	MOWING & DEBRIS REMOVAL	---	2,200
36	ROCK CREEK - COAL CREEK DRIVE DRAINAGEWAY	SUPERIOR	FROM 88TH & ROCK CK PKWY TO D/S OF ROCK CK. PARKWAY	DEBRIS REMOVAL	---	400
37	ROCK CREEK - COMMUNITY D'WAY EAST	SUPERIOR	FROM ROCK CRK CIRCLE TO 2000 L.F. U/S. AND POND	DEBRIS REMOVAL	---	250
38	ROCK CREEK - COMMUNITY D'WAY WEST	SUPERIOR	FROM ROCK CK CIRCLE TO TORREYS PEAK DR AND POND INCL.SCHOOL SITE STORAGE WEST OF INDIANA.	MOWING & DEBRIS REMOVAL DEBRIS REMOVAL	--- ---	1,000 750
39	ROCK CREEK - KNOLLS STORAGE FACLTY	SUPERIOR	EAST OF ROCK CREEK PKWY., SOUTH OF ROCK CREEK	DEBRIS REMOVAL	---	400
40	ROCK CREEK - LOWER ENTRY PARK CHANNEL	SUPERIOR	FROM 88TH AND AMHERST TO ROCK CK.PKWY. AND 2 PONDS	MOWING & DEBRIS REMOVAL	---	1,000
41	ROCK CREEK - MC CASLIN TRIBUTARY	SUPERIOR	FROM CONF. W/ROCK CREEK TO MCCASLIN BLVD. INCLUDES FLOR DETENTION	DEBRIS REMOVAL	---	600
42	ROCK CREEK - PARKWAY STORAGE FACILITY	SUPERIOR	N.W. OF ROCK CREEK PKWY. & COALTON DR. S. OF ROCK CRK. INCLUDE SAFEWAY OUTFALL.	DEBRIS REMOVAL	---	750
43	SIXMILE RESERVOIR DRAINAGE - ROARING FORK DRAW	BOULDER CO.	IDYLVILD TO BOULDER DITCH	DEBRIS REMOVAL	---	200
44	SOUTH BOULDER CREEK	BOULDER CO.	KOA LAKE TO ARAPAHOE RD.	DEBRIS REMOVAL	---	600
45	WONDERLAND CREEK	BOULDER	FROM KINGS RIDGE BLVD TO 47TH	DEBRIS REMOVAL	---	300
46	WONDERLAND CREEK	BOULDER	WINDING TRAIL DR TO 26TH	DEBRIS REMOVAL	---	300
2013 ROUTINE SUBTOTAL						57,850

BOULDER COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	COAL CREEK (BOCO) BOULDER CREEK DITCH	ERIE	PONDS, 1041, 1043, 1044 1045, 1050	SEDIMENT REMOVAL	CONST	20,000
2	PRINCE LAKE NO 2 DRAINAGE	ERIE	PONDS 1025, 1026 EAST AND WEST OF 111TH ST.	SEDIMENT REMOVAL	CONST	3,000
3	ROCK CK & TRIBS	SUPERIOR	VARIOUS DRAINAGEWAYS	SEDIMENT REMOVAL	CONST	25,000
4	WONDERLAND CREEK	BOULDER	BETWEEN 28TH AND 26TH	SEDIMENT REMOVAL	CONST	25,000
5	VARIOUS	BOULDER CO.	COUNTY-WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	40,000
CONTINUING PROJECTS						
6	FOURMILE CANYON CREEK	BOULDER	UPSTREAM OF BROADWAY	SEDIMENT BASIN DESIGN AND CONSTRUCTION	ENG CONST	50,000 350,000
NEW PROJECTS						
7	BOULDER CREEK	BOULDER COUNTY	VALMONT ROAD BRIDGE	DEBRIS AND SEDIMENT REMOVAL	ENG CONST	50,000
8	GREGORY CANYON CREEK	BOULDER	AT 810 MARINE STREET	CHANNEL RECONSTRUCTION ON PRESERVATION PROPERTY	ENG CONST	25,000 75,000
9	MCCASLIN TRIBUTARY	SUPERIOR	INDIANA TO MCCASLIN	BANK REPAIR	ENG CONST	40,000
10	ROCK CREEK	BOULDER COUNTY	CARLSON LASTOKA OPEN SPACE	CHANNEL RESTORATION	ENG CONST	5,000 59,000
11	VARIOUS	BOULDER CO.	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	25,000
2013 RESTORATION SUBTOTAL						792,000
BOULDER COUNTY CONTINGENCY						71,883
TOTAL 2013 BOULDER COUNTY BUDGET						921,733

FILE NAME=2013 Boulder County.XLS

2013 MAINTENANCE WORK PLAN

BROOMFIELD COUNTY

TOTAL FUNDS - \$219,502

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	AIRPORT CREEK (WADSWORTH PKWY)	BROOMFIELD	WADSWORTH PKWY TO 116TH CIR	DEBRIS REMOVAL	---	830
2	CITY PARK DRAINAGEWAY (SHERIDAN BLVD)	BROOMFIELD	SHERIDAN BLVD TO 100 FT U/S OF CHASE	MOWING AND DEBRIS REMOVAL	---	460
3	CITY PARK DRAINAGEWAY (MAIN ST)	BROOMFIELD	US-287 TO BURBANK ST	MOWING AND DEBRIS REMOVAL	---	220
4	GAY RESERVOIR DRAINAGEWAY- WEST LAKE TRIBUTARY	BROOMFIELD	E. MIDWAY BLVD TO WESTLAKE DRIVE	MOWING AND DEBRIS REMOVAL	---	1,420
5	NISSEN RESV DRAINAGEWAY (LOWELL BLVD)	BROOMFIELD	LOWELL BLVD TO 400 FT U/S	DEBRIS REMOVAL	---	210
6	NISSEN RESV DRAINAGEWAY (WEST 123RD PLACE)	BROOMFIELD	123RD PL TO SHERIDAN BLVD	DEBRIS REMOVAL	---	120
7	NISSEN RESV DRAINAGEWAY (MAIN ST)	BROOMFIELD	MAIN ST TO 450 FT U/S	DEBRIS REMOVAL	---	210
8	QUAIL CREEK - PLASTER RESERVOIR	BROOMFIELD	400 FT D/S OF PLASTER RESERVOIR SPILLWAY	DEBRIS REMOVAL	---	120
9	QUAIL CREEK (ASPEN CK DRIVE)	BROOMFIELD	SHERIDAN BLVD TO ASPEN CREEK DR.	DEBRIS REMOVAL	---	210
10	DEBRIS QUANTIFICATION AND REPORTING	BROOMFIELD	COUNTY-WIDE	---	---	100
2013 ROUTINE SUBTOTAL						3,900

BROOMFIELD COUNTY 2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	NISSEN RESV DRAINAGEWAY	BROOMFIELD	123RD TO SHERIDAN	SEDIMENT REMOVAL	CONST	8,000
2	VARIOUS	BROOMFIELD	COUNTY-WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	2,000
CONTINUING PROJECTS						
NEW PROJECTS						
3	GAY RESERVOIR DRAINAGEWAY	BROOMFIELD	WILLOW RUN PRKY @ MIDWAY TO WILLOW RUN PRKY @ ZUNI	TREE REMOVAL/THINNING SEDIMENT REMOVAL	ENG CONST	200,000
4	VARIOUS	BROOMFIELD	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	2,000
2013 RESTORATION SUBTOTAL						212,000
BROOMFIELD COUNTY CONTINGENCY						3,602

TOTAL 2013 BROOMFIELD COUNTY BUDGET

219,502

2013 MAINTENANCE WORK PLAN

DENVER COUNTY

TOTAL FUNDS-\$2,347,427

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BEAR CREEK	DENVER	LOWELL BLVD. TO WADSWORTH	DEBRIS REMOVAL	---	8,090
2	BEAR CREEK- INGALLS TRIBUTARY	DENVER	FROM CONFLUENCE W/ BEAR CREEK TO INGALLS	MOWING & DEBRIS REMOVAL	---	350
3	BEAR CREEK- MARSTON LAKE NORTH	DENVER	QUINCY TO OLD WADSWORTH. BALSAM TO GARRISON ST.	MOWING & DEBRIS REMOVAL	---	9,240
4	BEAR CREEK- NEWGATE TRIB	DENVER	FROM CONFLUENCE W/ BEAR CREEK TO AMHERST	MOWING & DEBRIS REMOVAL	---	580
5	BEAR CREEK- PINEHURST TRIB	DENVER	WEST OF HARLAN AT LEHIGH AVE. BEHIND THE HOMES.	MOWING & DEBRIS REMOVAL	---	1,160
6	CHERRY CREEK	DENVER	S. PLATTE RIVER TO MARION	MOWING & DEBRIS REMOVAL	---	57,750
7	CHERRY CREEK	DENVER	UNIVERSITY TO COLORADO & EXPOSITION TO JEWELL AVE	DEBRIS REMOVAL	---	8,700
8	CHERRY CREEK	DENVER	YALE AVE EXT. TO CHERRY CREEK DAM	DEBRIS REMOVAL	---	4,600
9	CHERRY CREEK- BABI YAR TRIBUTARY	DENVER	YALE AVENUE TO PARKER RD	DEBRIS REMOVAL	---	1,700
10	CHERRY CREEK- IOWA AVENUE TRIB	DENVER	IOWA TO CHERRY CK DRIVE	MOWING & DEBRIS REMOVAL	---	600
11	CHERRY CREEK- MINNESOTA DRIVE TRIB.	DENVER	MINNESOTA DRIVE BETWEEN HOLLY AND MONACO.	MOWING & DEBRIS REMOVAL	---	900
12	CHERRY CREEK- PARKER/MEXICO STORM	DENVER	CHERRY CRK DR AT JEWELL AVE	DEBRIS REMOVAL	---	1,400
13	COON CREEK	DENVER	DOVER TO COUNTY LINE	MOWING & DEBRIS REMOVAL	---	1,200
14	DRY GULCH	DENVER	LAKEWOOD G.CONF.AT NEWTON ST TO SHERIDAN	DEBRIS REMOVAL	---	2,890
15	GOLDSMITH GULCH	DENVER	CONFLUENCE TO EVANS, ILIFF AVE TO EASTMAN, INCL. DETENTION POND AND TIFFANY PLAZA TO I-225.	MOWING & DEBRIS REMOVAL	---	19,060
16	GOLDSMITH GULCH- EVANS AVENUE TRIB.	DENVER	MONACO TO KEARNEY. N.W. OF EVANS & MONACO.	MOWING & DEBRIS REMOVAL	---	580
17	GOLDSMITH GULCH SOUTHMOOR PARK TRIB	DENVER	UPSTREAM OF EASTMAN	MOWING & DEBRIS REMOVAL	---	580
18	HARVARD GULCH	DENVER	LOGAN TO COLORADO BLVD. ALONG HARVARD AVENUE AND YALE AVENUE.	MOWING & DEBRIS REMOVAL- 3- ODGEN TO DOWNING, 6- YORK TO CLAYTON AND 8- STEELE TO COLORADO BLVD DEBRIS REMOVAL ONLY- 2- LOGAN TO OGDEN, 4,5- DOWNING TO YORK AND 7- CLAYTON TO STEELE.	---	5,780

**DENVER COUNTY
2013 ROUTINE SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
19	INTERSTATE 25 D'WAY	DENVER	I-25 CULVERT TO UNIVERSITY VETERAN'S PARK DET. POND	MOWING & DEBRIS REMOVAL	---	810
20	LAKEWOOD GULCH	DENVER	SOUTH PLATTE RIVER CONF. TO SHERIDAN BLVD. ALONG 12TH, 10TH, & 8TH AVENUES.	MOWING & DEBRIS REMOVAL- 1,2- CONF. TO KNOX COURT & 4- PERRY ST. TO TENNYSON. DEBRIS REMOVAL ONLY- 3-KNOX TO PERRY AND 5- TENNYSON TO SHERIDAN	---	8,090
MONTBELLO CHANNELS						
21	IRONDALE GULCH- MAXWELL TRIBUTARY	DENVER	ALONG MAXWELL PLACE	MOWING & DEBRIS REMOVAL	---	1,960
22	IRONDALE GULCH- MONTBELLO TRIBUTARY	DENVER	ALONG UVALDA ST AND 51ST AVENUE.	MOWING & DEBRIS REMOVAL	---	4,040
23	IRONDALE GULCH- MONTBELLO TRIBUTARY	DENVER	N. OF 56TH AT ULVADA IN ROCKY MTN ARSENAL	DEBRIS REMOVAL	---	2,890
24	IRONDALE GULCH- TOWER OUTFALL	DENVER	FROM 56TH AVENUE U/S TO PARKFIELD LAKE	MOWING & DEBRIS REMOVAL	---	2,310
25	MONTBELLO DRAINAGE	DENVER	ALONG HAVANA, 51ST, NOME, 49TH, ANDREWS, & 46TH AVE.	MOWING & DEBRIS REMOVAL	---	8,660
26	MONTBELLO DRAINAGE	DENVER	NE OF 56TH AND HAVANA IN ROCKY MTN ARSENAL	DEBRIS REMOVAL	---	5,200
27	MONTBELLO DRAINAGE- TULSA COURT TRIB	DENVER	ALONG TULSA COURT	MOWING & DEBRIS REMOVAL	---	810
28	MONTBELLO DRAINAGE- 47TH AVE. TRIBUTARY	DENVER	ALONG 47TH AVE	MOWING & DEBRIS REMOVAL	---	920
29	MONTBELLO DRAINAGE- HAVANA TRIBUTARY	DENVER	ALONG 45TH AVENUE. ALONG HAVANA (45TH-51ST)	MOWING & DEBRIS REMOVAL	---	2,890
END OF MONTBELLO CHANNELS						
30	SANDERSON GULCH	DENVER	S. PLATTE RIVER TO SHERIDAN	MOWING & DEBRIS REMOVAL	---	11,550
31	SOUTH PLATTE RIVER- NORTHSIDE PARK TRIB	DENVER	S.W. OF 54TH & FRANKLIN NORTHSIDE PARK	DEBRIS REMOVAL	---	290
32	SOUTH PLATTE RIVER- WEST SIDE TRIBUTARY	DENVER	N.E. OF 6TH AVE AND I-25 ALONG SEARS BUILDING	MOWING & DEBRIS REMOVAL	---	2,310
33	WEIR GULCH	DENVER	S. PLATTE RIVER TO SHERIDAN	MOWING & DEBRIS REMOVAL	---	12,710
34	WEIR GULCH- 1ST AVE. TRIBUTARY	DENVER	FROM RALEIGH TO SHERIDAN	MOWING & DEBRIS REMOVAL	---	1,160
35	WEST HARVARD GULCH	DENVER	S PLATTE RIVER TO RAILROAD ZUNI TO DECATUR TO FEDERAL	MOWING & DEBRIS REMOVAL	---	2,890
36	WESTERLY CREEK	DENVER	13TH TO 11TH & 11TH TO STARBOARD CIRCLE. INCL. KELLY ROAD DET.(AURORA)	MOWING & DEBRIS REMOVAL	---	5,200
37	WESTERLY CREEK	DENVER	FROM 3500 FT.N.OF ALAMEDA TO ALAMEDA.	MOW DAM CREST & REMOVE DEBRIS AT OUTLETS	---	3,470
38	WESTERLY CREEK	DENVER	LOWRY DETENTION FLOOD POOL TO HAVANA ST.	DEBRIS REMOVAL	---	2,310
39	WESTERLY CREEK	DENVER	SAND CREEK TO 26TH EXT. NEW OPEN CHANNEL PORTION THRU OLD STAPLETON FIELD.	DEBRIS REMOVAL	---	580
2013 ROUTINE SUBTOTAL						206,210

DENVER COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	CHERRY CREEK- IOWA TRIBUTARY	DENVER	IOWA TO CHERRY CK DRIVE	REMOVE SEDIMENT	CONST	1,100
2	INTERSTATE 25 D'WAY (VET'S PARK DET. POND)	DENVER	N.W.OF UNIVERSITY AND I-25. VETERAN'S PARK DET. POND	REMOVE SEDIMENT	CONST	3,300
3	LAKEWOOD GULCH	DENVER	S. PLATTE RIVER TO DECATUR AT CANOSA CT	REMOVE SEDIMENT	CONST	3,300
4	MONTBELLO CHANNELS	DENVER	VARIOUS LOCATIONS	REMOVE SEDIMENT	CONST	16,500
5	VARIOUS	DENVER	COUNTY-WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	200,000
CONTINUING PROJECTS						
6	CITY (CASDP, ROW, PARKS) PERMIT RENEWAL	DENVER	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	20,000
7	USACE PERMIT APPLICATION AND MONITORING	DENVER	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	30,000
8	CHERRY CREEK	DENVER	U/S AND D/S OF QUEBECT ST	DROP STRUCTURE REPAIR AND BANK PROTECTION	ENG CONST	0 600,000
9	HUSTON LAKE	DENVER	LAKESIDE ADJACENT TO OHIO AVE	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 100,000
10	SANDERSON GULCH	DENVER	REACH BETWEEN PATTON CT AND STUART ST	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 100,000
11	WESTERLY CREEK DAM	DENVER	FROM 3500 FT.N.OF ALAMEDA TO ALAMEDA.	UPDATE OF O&M MANUAL ANNUAL WEED AND DEBRIS MGMNT	ENG CONST	10,000 20,000
NEW PROJECTS						
12	BEAR CREEK/BEAR VALLEY	DENVER	BETWEEN WADSWORTH AND LOWELL	TREE THINNING	ENG CONST	0 5,000
13	CHERRY CREEK	DENVER	BETWEEN CONFLUENCE PARK AND 1ST OVERPASS	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 25,000
14	CHERRY CREEK	DENVER	BETWEEN BROADWAY AND COLFAX	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 25,000
15	DRY GULCH	DENVER	BETWEEN SHERIDAN AND UTICA CT	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	50,000 0
16	DRY GULCH	DENVER	BETWEEN LAKEWOOD GULCH CONFLU AND SHERIDAN	TREE THINNING	ENG CONST	0 5,000
17	E HARVARD GULCH	DENVER	BETWEEN LOGAN AND JACKSON	TREE THINNING	ENG CONST	0 5,000
18	LAKEWOOD GULCH	DENVER	U/S OF KNOX CT	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 50,000
19	LAKEWOOD GULCH	DENVER	BETWEEN KNOX CT AND NEWTON ST AND SHERIDAN	TREE THINNING	ENG CONST	0 5,000
20	SANDERSON GULCH	DENVER	BETWEEN QUITMAN AND RALEIGH	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 25,000
21	SANDERSON GULCH	DENVER	BETWEEN SHERIDAN AND S PLATTE RIVER	TREE THINNING	ENG CONST	0 10,000
22	SOUTHMOOR TRIBUTARY	DENVER	SOUTH OF EASTMAN AVE	OUTFALL REPAIR	ENG CONST	0 20,000
2013 RESTORATION SUBTOTAL						1,546,970

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
23	SOUTHMOOR TRIBUTARY	DENVER	SOUTH OF EASTMAN AVE	TREE THINNING	ENG CONST	0 10,000
24	WEIR GULCH	DENVER	BETWEEN SHERIDAN AND S PLATTE RIVER	TREE THINNING	ENG CONST	0 5,000
25	WEIR GULCH	DENVER	ADJACENT TO 170 S WEIR DR	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 75,000
26	WEIR GULCH	DENVER	SHERIDAN BLVD TO S WOLFE ST	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	20,000 200,000
27	W HARVARD GULCH	DENVER	BETWEEN ZUNI AND FEDERAL	TREE THINNING	ENG CONST	0 5,000
28	WESTERLY CREEK	DENVER	D/S OF MONTVIEW	CHANNEL REPAIR - BANK PROTECTION	ENG CONST	0 255,800
2013 RESTORATION SUBTOTAL						2,117,770
DENVER COUNTY CONTINGENCY						23,447
TOTAL 2013 DENVER COUNTY BUDGET						2,347,427

FILE NAME=2013 Denver County.XLS

2013 MAINTENANCE WORK PLAN

DOUGLAS COUNTY

TOTAL FUNDS-\$788,271

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BALDWIN GULCH	PARKER DOUGLAS CO.	NORTH OF PONDEROSA DRIVE 20 MILE RD TO S.PARKER RD	MOWING & DEBRIS REMOVAL	---	2,400
2	BIG DRY CREEK (ARAPCO)	DOUGLAS CO. HILNDS RANCH	VARIOUS REACHES D/S OF UNIVERSITY	MOWING & DEBRIS REMOVAL PARTICIPATE WITH HILNDS RANCH	---	2,000
3	BIG DRY CREEK (ARAPCO)	DOUGLAS CO. SO SUBURBAN	COLETTE DR. TO WILDCAT RIDGE PKWY	DEBRIS REMOVAL	---	1,600
4	CHERRY CREEK	PARKER	LINCOLN AVE PONDS B AND C	MOWING & DEBRIS REMOVAL	---	400
5	CHERRY CREEK- APACHE PLUME TRIB	PARKER	FROM CHERRY CK REGIONAL TRAIL TO JORDAN ROAD	MOWING & DEBRIS REMOVAL	---	3,200
6	CHERRY CREEK- COTTONWOOD MEADOWS	DOUGLAS CO.	JORDON ROAD TO BUCKTHORN LANE	MOWING & DEBRIS REMOVAL	---	1,600
7	CHERRY CREEK- DRAINAGEWAY C	PARKER	NORTH OF STROH RD AND E/W OF MOTENBUCKER RD	MOWING & DEBRIS REMOVAL	---	1,600
8	CHERRY CREEK- DRAINAGEWAY D	PARKER	SOUTH OF FRENCH CREEK AVE AND MOTSENBUCKER RD	MOWING & DEBRIS REMOVAL	---	2,400
9	CHERRY CREEK- EAST STROH GULCH	PARKER	FROM CONF. WITH CHERRY CREEK TO PARKER ROAD.	MOWING & DEBRIS REMOVAL	---	800
10	CHERRY CREEK- GREEN GRASS TRIB	PARKER	APACHE PLUME DRIVE TO JORDAN ROAD	MOWING & DEBRIS REMOVAL	---	800
11	CHERRY CREEK- LONGS WAY TRIB	PARKER	LONGS WAY & PARKGLENN WAY POND 302, POND 303	MOWING & DEBRIS REMOVAL	---	800
12	CHERRY CREEK- LONGS WAY TRIB	PARKER	NORTH OF MAIN STREET BTWN 20 MILE AND DRANSFELT RDS	MOWING & DEBRIS REMOVAL	---	400
13	CHERRY CREEK- ROBINSON RANCH TRIB	PARKER	PARKER RD TO ROBINSON RANCH DR. (EAST SIDE)	MOWING & DEBRIS REMOVAL	---	400
14	CHERRY CREEK- WEST STROH GULCH	PARKER	VENTANA ST TO KEYSER CREEK RD	MOWING & DEBRIS REMOVAL	---	400
15	DAD CLARK GULCH	DOUGLAS CO. HILNDS RANCH	VARIOUS REACHES BROADWAY TO H.RANCH PKWY	MOWING & DEBRIS REMOVAL PARTICIPATE WITH HILNDS RANCH	---	2,000
16	HAPPY CANYON CREEK	DOUGLAS CO.	ALONG LINCOLN AVE	MOWING & DEBRIS REMOVAL	---	1,200
17	MARCY GULCH	DOUGLAS CO.	200 FT D/S OF BLAKELAND DR TO SANTA FE DRIVE	MOWING & DEBRIS REMOVAL	---	800
18	MARCY GULCH	DOUGLAS CO. HILNDS RANCH	VARIOUS REACHES TOWN CTR DR TO BROADWAY	MOWING & DEBRIS REMOVAL PARTICIPATE WITH HILNDS RANCH	---	4,000
19	NEWLIN GULCH	PARKER	CONF. WITH CHERRY CK TO RECREATION DR	MOWING & DEBRIS REMOVAL	---	400
20	NEWLIN GULCH	DOUGLAS CO.	LINCOLN AVE E. OF JORDAN RD. INCLUDING POND A	MOWING & DEBRIS REMOVAL	---	400

**DOUGLAS COUNTY
2013 ROUTINE SERVICES CONTINUED**

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
21	NEWLIN GULCH- UPPER JORDAN RD TRIB	DOUGLAS CO. STONEGATE	NEWLIN G.CONFLUENCE TO U/S OF STONEGATE PARKWAY	MOWING & DEBRIS REMOVAL	---	1,600
22	NEWLIN GULCH- UPPER JORDAN RD TRIB	PARKER	TOWN OF PARKER LIMIT AT OAKMOOR PL TO FIREBRICK DR	MOWING & DEBRIS REMOVAL	---	1,200
23	SARA GULCH	PARKER	POND AT CANTERBERRY TRAIL TO D/S OF HOLLY HILLS WAY	MOWING & DEBRIS REMOVAL	---	1,600
24	SULPHUR GULCH	PARKER	CONF. WITH CHERRY CK TO PARKER RD AND PINE DR EXT TO 200 FT U/S WILLOW PK DR.	DEBRIS REMOVAL	---	2,400
25	SULPHUR GULCH- HOPE GULCH TRIB	PARKER	QUAIL RUN LANE TO EAGLE RUN DRIVE & CANTERBERRY PRKWY TO MAIN STREET.	MOWING & DEBRIS REMOVAL	---	2,000
26	TALLMAN GULCH	PARKER	CONF. WITH SULPHUR TO TALLMAN DR TO WOODSIDE LN	DEBRIS REMOVAL	---	800
27	TALLMAN GULCH- EAST TRIBUTARY	PARKER	400 FT D/S OF TALLMAN DR TO 300 FT U/S OF TALLMAN DR	MOWING & DEBRIS REMOVAL	---	800
28	WILLOW CREEK (ARAPCO)	LONE TREE SO SUBURBAN	COUNTY LINE RD TO LONE TREE PARKWAY AND YOSEMITE TO LINCOLN	DEBRIS REMOVAL	---	3,200
29	WILLOW CREEK (ARAPCO)	LONE TREE	REGIONAL DETENTION POND N. OF HERITAGE HILLS PKWY	MOWING & DEBRIS REMOVAL	---	2,400
30	WILLOW CREEK (ARAPCO) SWEETWATER TRIBUTARY	DOUGLAS CO. SO SUBURBAN	MERCURY DR. TO MAXIMUS IN SWEETWATER PARK	DEBRIS REMOVAL	---	1,600
31	WILLOW CREEK (ARAPCO)- FAIRWAYS TRIBUTARY	LONE TREE SO SUBURBAN	LONE TREE GOLF COURSE TO ROSEMONT AVE	MOWING & DEBRIS REMOVAL	---	1,200
32	WILLOW CREEK (ARAPCO)- HERITGE HILLS TRIBUTARY	LONE TREE	N. OF HERITAGE HILLS PRKWY EAST OF YOSEMITE DETENTION POND	MOWING & DEBRIS REMOVAL	---	1,600
33	WILLOW CREEK (ARAPCO)- WEST COOK CREEK	LONE TREE	SUNNINGDALE BLVD TO LINCOLN.	MOWING & DEBRIS REMOVAL	---	800
34	MARCY GULCH	DOUGLAS CO. HILNDS RANCH	TOWN CENTER DRIVE D/S FOR 2600 FEET	MOWING & DEBRIS REMOVAL	---	2,000
35	APACHE PLUME	DOUGLAS CO.	DETENTION POND 5	MOWING & DEBRIS REMOVAL	---	1,000 0
2013 ROUTINE SUBTOTAL						51,800

DOUGLAS COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	BIG DRY CREEK	DOUGLAS CO SO SUBURBAN	SOUTH END WILDCAT RIDGE PARK NORTH TO DET. POND OUTLET	SEDIMENT REMOVAL	CONST	5,000
2	VARIOUS	DOUGLAS CO	COUNTY-WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	20,000
CONTINUING PROJECTS						
3	BALDWIN GULCH	DOUGLAS CO	PINE DRIVE	REPAIR EXISTING DRAINAGE FACILITIES	ENG CONS	0 5,000
4	DAD CLARK GULCH	HRMD	HIGHLANDS RANCH PARKWAY	OUTFALL REPAIR	ENG CONST	0 35,000
5	BIG DRY CREEK	HRMD	HIGHLANDS RANCH PARKWAY	OUTFALL REPAIR	ENG CONST	0 35,000
6	TIMBERS CREEK	DOUGLAS COUNTY	U/S OF FOX SPARROW RD	CHANNEL BANK REPAIR	ENG CONST	0 80,000
NEW PROJECTS						
7	DAD CLARK GULCH	HRMD	MAIN ST AND TWENTY MILE ROAD	REPAIR EXISTING DRAINAGE FACILITIES	ENG CONST	0 390,000
8	HAPPY CANYON CREEK	PARKER	U/S N CLYDESDALE RD PLACE	TREE THINNING/REMOVAL	ENG CONST	0 10,000
9	WILLOW CREEK	LONETREE	S HERITAGE HILLS PRKWY AND S YOSEMITE ST	TREE THINNING/REMOVAL	ENG CONST	0 50,000
10	VARIOUS	DOUGLAS CO	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG CONST	20,000 0
2013 RESTORATION SUBTOTAL						650,000
DOUGLAS COUNTY CONTINGENCY						86,471
TOTAL 2013 DOUGLAS COUNTY BUDGET						788,271

FILE NAME=2013 Douglas County.XLS

2013 MAINTENANCE WORK PLAN

JEFFERSON COUNTY

TOTAL FUNDS - \$1,380,558

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	BEAR CREEK	MORRISON	SODA LAKES RD. TO 350 FT U/S OF HIGHWAY 8.	DEBRIS REMOVAL	---	350
2	BEAR CREEK- COYOTE CREEK DETENTION	LAKEWOOD	MORRISON RD TO YALE AVE INCLUDES DETENTION POND	DEBRIS REMOVAL	---	250
3	BEAR CREEK- PINEHURST TRIBUTARY	JEFF. CO.	PIERCE ST AND KENYON COLORADO ACADEMY DET.PND	MOWING & DEBRIS REMOVAL	---	1,570
4	BIG DRY CREEK- KETNER TRIBUTARY	WESTMINSTER	KETNER RESERVOIR TO D/S COUNTRYSIDE DRIVE	DEBRIS REMOVAL	---	100
5	CLEAR CREEK- ARAPAHOE GULCH	GOLDEN	10TH ST. TO D/S OF IOWA ST. W. OF WASHINGTON AVE.	DEBRIS REMOVAL	---	290
6	COON CREEK	JEFF. CO. FOOTHILLS	D/S OF FIELD STREET TO SIMMS STREET.	MOWING & DEBRIS REMOVAL	---	6,110
7	COON CREEK	JEFF. CO.	LEAWOOD DR TO FAIR DRIVE	DEBRIS REMOVAL	---	420
8	COON CREEK- WESTRIDGE TRIB	JEFF. CO.	FROM CONFL WITH COON CK TO CULVERT OUTLET	MOWING & DEBRIS REMOVAL	---	690
9	DRY GULCH	LAKEWOOD	PIERCE ST TO SAULSBURY ST	MOWING & DEBRIS REMOVAL	---	490
10	DRY GULCH- KIPLING ST DETENTION	LAKEWOOD	NW OF 15TH PL. AND KIPLING STREET	MOWING & DEBRIS REMOVAL	---	1,480
11	DRY GULCH- LAMAR ST DETENTION	LAKEWOOD	N.W. OF 14TH AND LAMAR ST	MOWING & DEBRIS REMOVAL	---	1,710
12	DUTCH CREEK	JEFF. CO. LEAWOOD FOOTHILLS	SHERIDAN BLVD EXTENDED TO U/S KIPLING PKWY	MOWING & DEBRIS REMOVAL	---	3,760
13	KENNEYS RUN - WEST FORK	GOLDEN	23RD ST. TO U/S OF H.S.	MOWING & DEBRIS REMOVAL	---	520
14	KENNEYS RUN	GOLDEN	ALONG S. GOLDEN RD U/S OF FORD ST.	MOWING & DEBRIS REMOVAL	---	360
15	LAKEWOOD GULCH (6TH AVE)	LAKEWOOD	8TH AVE. TO 6TH AVE.	MOWING & DEBRIS REMOVAL	---	390
16	LAKEWOOD GULCH (AMMONS ST)	LAKEWOOD	ALONG 7TH AVE U/S AMMONS ST.	MOWING & DEBRIS REMOVAL	---	480
17	LAKEWOOD GULCH (FLORA WAY)	JEFF. CO.	FLORA WAY AND 1ST AVE.	MOWING & DEBRIS REMOVAL	---	1,020
18	LAKEWOOD GULCH (HOLBROOK PARK)	LAKEWOOD	IN HOLBROOK PARK EAST OF GARRISON.	MOWING & DEBRIS REMOVAL	---	490
19	LAKEWOOD GULCH (LAKEWOOD COUNTRY CLUB)	LAKEWOOD	LAKEWOOD CC TO U/S STILLING BASIN	MOWING & DEBRIS REMOVAL	---	350
20	LAKEWOOD GULCH (MEADOW CREEK ROAD)	LAKEWOOD	MEADOW CREEK RD TO LAKEWOOD CC	MOWING & DEBRIS REMOVAL	---	910
21	LAKEWOOD GULCH (VANCE ST.)	LAKEWOOD	FROM 8TH AND TELLER TO U/S OF VANCE.	DEBRIS REMOVAL	---	150
22	LAKEWOOD GULCH (VAN GORDON ST)	LAKEWOOD	U/S OF VAN GORDON TO EAST OF WELCH ST	DEBRIS REMOVAL	---	120

JEFFERSON COUNTY
2013 ROUTINE SERVICES CONTINUED

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	
23	LENA GULCH (20TH AVE)	LAKEWOOD	U/S & D/S OF 20TH AVE	MOWING & DEBRIS REMOVAL	---	650
24	LENA GULCH (ALKIRE ST)	JEFF. CO.	ALKIRE ST. TO AG. DITCH	MOWING & DEBRIS REMOVAL	---	680
25	LENA GULCH- CLEAR CREEK	WHEAT RIDGE	CLEAR CREEK TO W. 29TH AVE	MOWING & DEBRIS REMOVAL	---	1,790
26	LENA GULCH (MT. VERNON RD)	JEFF. CO.	N OF D ST. TO 6TH AVE	MOWING & DEBRIS REMOVAL	---	580
27	LENA GULCH- CRESTVIEW VILLA TRIB.	JEFF. CO.	PIKE ST. TO QUAKER ST. U/S QUAKER DETENTION BASIN	MOWING & DEBRIS REMOVAL	---	1,090
28	LENA GULCH- DRAINAGEWAY G	JEFF. CO.	6TH AVE FRONTAGE TO ELLSWORTH INCLUDING 3 DETENTION BASINS	MOWING & DEBRIS REMOVAL	---	1,920
29	LENA GULCH- DRAINAGEWAY G (6TH AVE)	JEFF. CO.	KENDRICK AND 7TH TO 6TH AVE FREEWAY CULVERT	DEBRIS REMOVAL	---	100
30	LENA GULCH- PLEASANT VIEW TRIBUTARY	JEFF. CO.	MOSS ST. TO PIKE ST.	MOWING & DEBRIS REMOVAL	---	730
31	LENA GULCH- ROLLING HILLS TRIBUTARY	WHEAT RIDGE	U/S & D/S OF PARFET ST.	MOWING & DEBRIS REMOVAL	---	350
32	LILLEY GULCH (KIPLING ST.)	JEFF. CO. FOOTHILLS	WADSWORTH TO KIPLING ST	MOWING & DEBRIS REMOVAL	---	2,470
33	LILLEY GULCH (PIERCE ST.)	JEFF. CO. FOOTHILLS	S KENDALL ST TO WADSWORTH BLVD.	DEBRIS REMOVAL	---	790
34	LILLEY GULCH (SIMMS ST.)	JEFF. CO. FOOTHILLS	ALONG W. BOWLES AVE D/S OF OAK ST. TO SIMMS ST.	MOWING & DEBRIS REMOVAL	---	1,130
35	LILLEY GULCH- NORTH BRANCH	JEFF. CO. FOOTHILLS	WADSWORTH TO ESTES ST. EXT AND U/S & D/S OF HOLLAND WY & DET. BASIN (BOWLES & JELLISON)	MOWING & DEBRIS REMOVAL	---	1,750
36	LITTLE DRY CREEK (POMONA DR)	ARVADA	POMONA DR. TO CLUB CREST DR.	DEBRIS REMOVAL	---	700
37	LITTLE DRY CREEK (SHERIDAN)	WESTMINSTER	SHERIDAN BLVD TO HARLAN ST.	MOWING & DEBRIS REMOVAL	---	970
38	LITTLE DRY CREEK- GENERAL CABLE TRIBUTARY	WESTMINSTER	S. OF 88TH AVE. WEST OF SHERIDAN BLVD	MOWING & DEBRIS REMOVAL	---	670
39	LITTLE DRY CK - TRIBUTARY B	WESTMINSTER	750 FT D/S DOVER ST TO GARRISON ST	DEBRIS REMOVAL	---	550
40	LITTLE DRY CREEK- WESTMINSTER MALL TRIBUTARY	WESTMINSTER	N.W. CORNER OF SHERIDAN AND 88TH AVE.	MOWING & DEBRIS REMOVAL	---	420
41	MASSEY DRAW	JEFF. CO.	C-470 TO WADSWORTH AND BALSAM ST. TO CARR ST.	MOWING & DEBRIS REMOVAL	---	1,610
42	MASSEY DRAW- NORTH TRIBUTARY	JEFF. CO. FOOTHILLS	MASSEY DRAW TO WADSWORTH ZEPHYR ST. TO CARR ST. GARLAND ST (EXT) TO IRIS WAY	MOWING & DEBRIS REMOVAL	---	1,090
43	McINTYRE GULCH (CARR ST.)	LAKEWOOD	CARR ST. TO GARRISON	MOWING & DEBRIS REMOVAL	---	1,070
44	McINTYRE GULCH (HOLLAND ST)	LAKEWOOD	HOLLAND ST. TO JEFFCO SCHOOL PED BRIDGE	DEBRIS REMOVAL	---	150
45	McINTYRE GULCH (UNION BLVD)	LAKEWOOD	150 FT U/S MOORE ST TO OHIO AVE N & S SIDE OF ALAMEDA	MOWING & DEBRIS REMOVAL	---	4,620
46	McINTYRE GULCH- S. BRANCH A	LAKEWOOD	ALAMEDA SERVICE ROAD TO VAN GORDON CT.	MOWING & DEBRIS REMOVAL	---	930
47	MT OLIVET DRAINAGE- SWAMP ANGEL DET. BASIN	GOLDEN	MCINTYRE ST, 50TH TO TABLE MOUNTAIN PKY - SWAMP ANGEL	MOWING & DEBRIS REMOVAL	---	2,410
48	MT. VERNON CREEK	MORRISON	470 L.F. U/S OF BEAR CREEK	MOWING & DEBRIS REMOVAL	---	370

JEFFERSON COUNTY
2013 ROUTINE SERVICES CONTINUED

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	
49	NORTH SANDERSON GULCH	LAKEWOOD	D/S NEWLAND ST. (EXT.) TO U/S BALSAM ST.	MOWING & DEBRIS REMOVAL	---	2,160
50	RALSTON CREEK	ARVADA	BROOKS DR. TO U/S MILLER ST	DEBRIS REMOVAL	---	730
51	SANDERSON GULCH	LAKEWOOD	S OF JEWELL - U/S & D/S OF LAKE RD N OF JEWELL - ALLISON ST. TO DOVER, GARRISON ST TO KENDRICK RES.	MOWING & DEBRIS REMOVAL	---	2,000
52	SANDERSON GULCH- CARMODY PARK TRIBUTARY	LAKEWOOD	HOLLAND ST TO CARMODY PARK POND	MOWING & DEBRIS REMOVAL	---	640
53	SLOANS LAKE BASIN- REACH D - G	EDGEWATER	SLOAN LAKE TO INGALLS ST.	MOWING & DEBRIS REMOVAL	---	3,190
54	SLOANS LAKE BASIN- REACH D - G (GENEVA CT)	LAKEWOOD	GENEVA CT. @ REED ST.	MOWING & DEBRIS REMOVAL	---	460
55	SLOANS LAKE BASIN- REACH F - L	LAKEWOOD	S.E. OF 26TH AND WADSWORTH REED ST TO SAULSBURY ST	MOWING & DEBRIS REMOVAL	---	350
56	SLOANS LAKE DRAINAGE DETENTION BASIN	LAKEWOOD	S.E. CORNER OF 26TH AND WADSWORTH DETENTION BASIN	MOWING & DEBRIS REMOVAL	---	1,440
57	SJCD 6100 NORTH (DEPEW ST)	JEFF. CO.	D/S SHERIDAN BLVD. TO U/S OF DEPEW ST	MOWING & DEBRIS REMOVAL	---	600
58	SJCD 6100 (N) (MARSHALL ST)	JEFF. CO.	D/S KENDALL TO MARSHALL ST	MOWING & DEBRIS REMOVAL	---	720
59	SJCD 6100 (N) (QUARTO DRIVE)	JEFF. CO.	QUARTO DR. TO WADSWORTH BLVD	MOWING & DEBRIS REMOVAL	---	810
60	SJCD 6100 (N) (WEBSTER ST)	JEFF. CO. FOOTHILLS	PORTLAND AVE TO WEBSTER ST	DEBRIS REMOVAL	---	290
61	SJCD 6200 (S) - NORTH TRIBUTARY	JEFF. CO.	KEN CARYL AVE TO PIERCE COURT	MOWING & DEBRIS REMOVAL	---	1,950
62	SJCD 6200 (S) - TOPOLNICKI TRIBUTARY	JEFF. CO. FOOTHILLS	180 FT U/S DAVID DR. TO VANCE CT. (EXT.)	MOWING & DEBRIS REMOVAL	---	490
63	S. LAKEWOOD GULCH (3RD. PL)	LAKEWOOD	6TH AVE. TO 3RD PL (EXT)	DEBRIS REMOVAL	---	230
64	S. LAKEWOOD GULCH (CODY ST)	LAKEWOOD	BAYAUD AV. AT CODY ST. TO 400 FT . U/S AT CCU POND OUTLET	MOWING & DEBRIS REMOVAL	---	650
65	TUCKER GULCH	GOLDEN	CLEAR CREEK TO DROP N OF IOWA DR.	DEBRIS REMOVAL	---	580
66	WEAVER CREEK	LAKEWOOD	SW OF KIPLING ST/DARTMOUTH AVE TO U/S 1200 FT.	MOWING & DEBRIS REMOVAL	---	760
67	WEAVER CREEK (SIMMS ST)	JEFF. CO FOOTHILLS	100 FT U/S OF QUINCY AVE TO SCHOOL FENCE LINE U/S COLE ST	DEBRIS REMOVAL	---	680
68	WEIR GULCH	LAKEWOOD	MISSISSIPPI AVE TO U/S JOHNSON W/Y	MOWING & DEBRIS REMOVAL	---	1,080
69	WEIR GULCH- 1ST AVE TRIBUTARY	LAKEWOOD	DEPEW ST TO U/S HARLAN ST INGALLS ST TO 200 FT U/S	MOWING & DEBRIS REMOVAL	---	770
70	WEIR GULCH - BENTON DETENTION	LAKEWOOD	BENTON ST TO DEPEW ST	DEBRIS REMOVAL	---	630
71	WEIR GULCH- DAKOTA AVE. TRIBUTARY	LAKEWOOD	SHERIDAN BLVD TO DEPEW ST EATON ST TO 100FT U/S	MOWING & DEBRIS REMOVAL	---	830
72	WEIR GULCH- SOUTH WEIR GULCH TRIBUTARY	LAKEWOOD	FLORIDA AVE TO 200FT D/S (MAIN RES. TRAIL)	MOWING & DEBRIS REMOVAL	---	260
73	DEBRIS QUANTIFICATION AND REPORTING	COUNTY-WIDE	COUNTY-WIDE	---	---	1,900
74	CLEAR CREEK	WHEAT RIDGE	WADSWORTH TO I-70	DEBRIS REMOVAL AS NEEDED	---	15,120
2013 ROUTINE SUBTOTAL						90,920

JEFFERSON COUNTY
2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
ANNUAL SEDIMENT REMOVALS						
1	DRY GULCH	LAKEWOOD	14TH AVE AND CARR ST - RICHEY PARK	SEDIMENT REMOVAL	CONST	7,500
2	MCINTYRE GULCH	LAKEWOOD	U/S HOLLAND ST	SEDIMENT REMOVAL	CONST	50,000
3	VARIOUS	COUNTY - WIDE	COUNTY - WIDE	ALL REVEG, WEEDS, SEDIMENT CONTROL, RELATED EXPENSES	CONST	80,000
CONTINUING PROJECTS						
4	LITTLE DRY CREEK	ARVADA	U/S POMONA DRIVE	REPAIR EXISTING DRAINAGE FACILITY	ENG CONST	90,000
5	WEIR GULCH	LAKEWOOD	8910 W OHIO	BANK STABILIZATION	ENG CONST	25,000
6	MCINTYRE GULCH	LAKEWOOD	CARR ST. TO 6TH AVE.	BANK STABILIZATION	ENG CONST	400,000
7	WALNUT CREEK	WESTMINSTER	U/S US 36	REPAIR ISOLATED EROSION	ENG CONST	5,000 100,000
8	STANDLEY LAKE TRIB #1	WESTMINSTER	200 FT U/S BIG DRY CREEK	GRADE STABILIZATION	ENG CONST	50,000
9	LENA GULCH	WHEAT RIDGE	KIPLING STREET	REPAIR ISOLATED EROSION	ENG CONST	10,000
NEW PROJECTS						
10	DUTCH CREEK	JEFF.CO FOOTHILLS	200 FT D/S WADSWORTH BLVD	REPAIR ISOLATED EROSION	ENG CONST	10,000 100,000
11	SJCD 6200(S)	JEFF. CO.	ESTES PLACE	REPAIR ISOLATED EROSION	ENG CONST	20,000 100,000
12	MASSEY DRAW - N. TRIBUTARY	JEFF. CO. FOOTHILLS	WEST OF DUDLEY	REPAIR EXISTING FACILITY	ENG CONST	50,000
13	SJCD 6100(N)	JEFF. CO. FOOTHILLS	PIERCE ST TO REED ST	REPAIR EXISTING FACILITY	ENG CONST	50,000
14	MASSEY DRAW - N. TRIBUTARY	JEFF. CO.	CARR ST.	REPAIR EXISTING FACILITY	ENG CONST	10,000
15	VARIOUS	COUNTY-WIDE	COUNTY-WIDE	ALL PERMITTING, PREP. FEES, REPORTS, RELATED EXPENSES	ENG	50,000
2013 RESTORATION SUBTOTAL						1,200,000
JEFFERSON COUNTY CONTINGENCY						89,638
TOTAL 2013 JEFFERSON COUNTY BUDGET						1,380,558

FILE NAME=2013 Jefferson County.XLS

2013 SOUTH PLATTE RIVER WORK PLAN

SOUTH PLATTE RIVER
TOTAL FUNDS- \$1,735,000

12/10/2012

2013 ROUTINE SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
1	SOUTH PLATTE RIVER	ARAPAHOE COUNTY LITTLETON COLUMBINE VALLEY ENGLEWOOD SHERIDAN DENVER COMMERCE CITY THORNTON ADAMS COUNTY BRIGHTON	C-470 TO 168TH AVE.	ROUTINE CONTRACT: A. TRASH & DEBRIS PICK UP & REMOVAL (6 @ 32 MILES EA, 7 @ 11 MILES EA B. TRAIL MOW (5 @ 16 MILES EA) C. AREA MOW (5 @ 0.7 AC EA) D. TREE PRUNING (3 @ 9 MILES EA)		130,000
2	SOUTH PLATTE RIVER	ARAPAHOE COUNTY LITTLETON COLUMBINE VALLEY ENGLEWOOD SHERIDAN DENVER COMMERCE CITY THORNTON ADAMS COUNTY BRIGHTON	C-470 TO 168TH AVE.	OTHER - MISCELLANEOUS AS NEEDED REVEGETATION, WEED CONTROL, TREE PLANTING/REMOVAL /PROTECTION, SEDIMENT REMOVAL, COTTONWOOD POLING		70,000
2013 ROUTINE SUBTOTAL						200,000

2013 RESTORATION SERVICES

WORK PLAN NO.	DRAINAGEWAY NAME- TRIBUTARY NAME	LOCAL GOVERNMENT	NEARBY STREETS	WORK DESCRIPTION	WORK TYPE	2013 WORK PLAN BUDGET
CONTINUING PROJECTS						
1	SOUTH PLATTE RIVER	DENVER	GRANT FRONTIER PARK AND JOHNSON HABITAT PARK	BANK STABILIZATION AND TRAIL MAINTENANCE	CONST	700,000
NEW PROJECTS						
2	SOUTH PLATTE RIVER	DENVER	ALEMADA AVE		ENG	30,000
3	SOUTH PLATTE RIVER	ARAPAHOE COUNTY LITTLETON COLUMBINE VALLEY ENGLEWOOD SHERIDAN	COAL MINE ROAD TO HAMPDEN AVE.	CWCB CHANNEL MAINTENANCE AND REPAIRS	CONST	20,000
4	SOUTH PLATTE RIVER	ADAMS COUNTY	108TH EXTENTION to 120TH EXTENTION EAST BANK	PEDESTRAIN BRIDGE AND BANK RESTORATION	CONST	200,000
5	SOUTH PLATTE RIVER	ADAMS COUNTY	61ST EXTENDED	DROP REPAIR	ENG CONST	5,000 250,000
6	SOUTH PLATTE RIVER	ADAMS COUNTY	64TH EXTENDED	BANK STABILIZATION	ENG CONST	5,000 120,000
7	SOUTH PLATTE RIVER	ADAMS COUNTY	159TH EXTENDED (GREAVES PROPERTY)	BANK STABILIZATION	CONST	150,000
2013 RESTORATION SUBTOTAL						1,480,000
SOUTH PLATTE CONTINGENCY						55,000

TOTAL 2013 SOUTH PLATTE RIVER BUDGET

1,735,000

Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
	ADAMS COUNTY						
27-03	Little Dry Creek - Federal to Lowell	275.0	300.0	400.0			Westminster, Adams County
53-03	Brantner Gulch - at Holly	725.0					Thornton
42-03	Grange Hall Creek - at Washington	600.0	370.0				Northglenn
29-01	North Outfall			100.0	400.0	500.0	Brighton
53-01	Bolling Drive Tributary	50.0					Aurora
53-04	Kenwood Outfall		620.0				Adams County
72-04	Page Gulch			175.0	225.0		Adams County
New	Westerly Creek		160.0	340.0			Aurora
New	First Creek			250.0			Commerce City
New	Niver Creek - Washington Street to Grant Street				100.0	200.0	Thornton
New	Grange Hall Creek - Fastracks					100.0	Northglenn and Thornton
New	Second Creek Detention				275.0	160.0	Aurora
New	Unidentified Project						
	ADAMS COUNTY TOTALS	1,650.0	1,450.0	1,265.0	1,000.0	960.0	

Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
	ARAPAHOE COUNTY						
56-02	Cherry Creek at Eco Park	235.0					SEMSWA/Centennial
56-06	First Creek Detention	600.0	420.0	480.0			Aurora
59-01	Little's Creek - Lake Ave. to Windermere St.	225.0	200.0				Littleton
59-02	Little's Creek - Geddes Ave. to Dry Creek Rd.	60.0	550.0				SEMSWA/Centennial
59-03	Little Dry Creek - Cherry Hills Village		150.0	150.0	150.0		Cherry Hills Village
56-01	Piney Creek - Mouth to Liverpool	400.0	250.0	425.0	400.0	400.0	SEMSWA/Arapahoe County
New	Cherry Creek - At Arapahoe Road	265.0	300.0	400.0	400.0	400.0	Aurora
New	Cherry Creek - At Arapahoe Road		250.0	245.0		370.0	SEMSWA/Arapahoe County
New	Goldsmith Gulch - Peakview to Caley	65.0	165.0				SEMSWA/Centennial
New	Dutch Creek - Fairway Ave. to Platte Canyon Rd.		215.0				Columbine Valley
New	Jackass Gulch			200.0			Littleton
New	Little's Creek - Gallup and Peakview				250.0		Littleton
New	Cherry Creek - Iliff to County Line				300.0		SEMSWA/Centennial
New	Piney Creek/Sampson Gulch				400.0	300.0	Aurora
New	Little's Creek - at Broadway					75.0	Littleton
New	Goldsmith Gulch at Silo Park					60.0	Greenwood Village
New	Holly Hills ROW					125.0	SEMSWA/Arapahoe County
New	Unidentified Project						
	ARAPAHOE COUNTY TOTALS	1,850.0	2,500.0	1,900.0	1,900.0	1,730.0	

Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
	BOULDER COUNTY						
26-03	Reach BP20 Prince Lake No. 2	80.0	262.5	612.5			Erie
51-02	Wonderland Creek - Foothills to Iris	682.5	560.0				Boulder
26-02	Drainageway A-2	387.5	187.5	330.0			Louisville
51-03	Fourmile Canyon Creek at 19th Street	150.0	150.0				Boulder
New	Coal Creek - S. 120th St.		200.0		587.5		Boulder County, Lafayette
26-08	Coal Creek - Upstream of McCaslin			162.5	112.5	325.0	Superior
New	Wonderland Creek - Diagonal to 26th St			75.0	200.0		Boulder
New	Coal Creek - County Line to Kenosha Rd				75.0	250.0	Erie
New	Fourmile Canyon Creek Upland to Violet					325.0	Boulder
New	Unidentified Project						
	BOULDER COUNTY TOTALS	1,300.0	1,360.0	1,180.0	975.0	900.0	

Urban Drainage and Flood Control District

<p align="center">Five-Year Capital Improvement Plan - 2012 through 2016</p>

December 11, 2012

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Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
DENVER CITY & COUNTY							
multiple	Fastracks Drainage - Denver	0.0	1,850.0	2,100.0	2,018.0	2,068.0	Denver
56-19	40th Street Outfall	74.0	500.0				Denver
57-05	Lakewood Gulch, Wolff St to Sheridan	0.0	50.0	50.0	50.0		Denver
56-12	First Creek at East 56th Avenue	2,000.0					Denver
56-13	Cherry Creek Stabilization	250.0	250.0	250.0	250.0	250.0	Denver
New	Unidentified Project						
	DENVER COUNTY TOTALS	2,324.0	2,650.0	2,400.0	2,318.0	2,318.0	

Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
	DOUGLAS COUNTY						
56-09	Cherry Creek at Main Street				200.0	160	Parker
56-08	Cherry Creek at Hess Road	840.0					Parker
41-04	Sulpher Gulch at Pine Lane	60.0	250				Parker
New	Cherry Creek at Lincoln					70	Parker
New	Cherry Creek - Norton Open Space		80.0	160.0	100.0		Parker
New	Cherry Creek at KOA				60.0	170	Parker
New	Willow Creek Outfall at Rampart Range		470.0	0.0			Douglas County
New	Happy Canyon Creek - Grandview				25.0		Douglas County
New	Fonder Draw - Upper Reach				250.0		Douglas County
New	N Pinery Creek u/s of N Pinery Pkwy		80.0	375.0			Douglas County
New	Little Willow Creek at Roxborough Road					210	Douglas County
New	Dad Clark Gulch - Highlands Ranch Park			50.0	100.0		Highlands Ranch
New	Marcy Gulch - D/S of Town Center			315.0			Highlands Ranch
New	Marcy Gulch -U/S Highlands Ranch Prkway				100.0	110	Highlands Ranch
New	Cottonwood Creek, Happy Canyon, Badger Gulch		100.0			50	Lonetree
New	Unidentified Project					10	
	DOUGLAS COUNTY TOTALS	900.0	980.0	900.0	835.0	780.0	

Urban Drainage and Flood Control District							
Five-Year Capital Improvement Plan - 2012 through 2016							
December 11, 2012							
		UDFCD Participation X \$1,000					
Project Number	Project Name	2012	2013	2014	2015	2016	Benefitting Entities
	JEFFERSON COUNTY						
New	Columbine Basin				300.0		Arvada
New	Hidden Lake - Bates Lake Basin				100.0		Arvada
New	Yankee Doodle Basin - Stott El Basin					100.0	Arvada
54-03	West Fork Kenneys Run	50.0	400.0	200.0			Golden
54-07	Coon Creek, North Branch	86.3					Jefferson County
43-01	Fairmount Outfall		425.0	450.0	450.0	200.0	Jefferson County
New	Drake Outfall				150.0	350.0	Jefferson County
New	Lena Gulch at South Golden Road		675.0				Jefferson County
57-08	North Dry Gulch - Lamar to Teller		550.0	650.0	650.0	650.0	Lakewood
New	Hylands Creek, South Branch			550.0			Westminster
On-going	Maple Grove Reservoir Replacement	2.7	2.7	2.7	2.7	2.7	Wheat Ridge, Lakewood, JeffCo
54-05	Ridge Road Tributary	1,500.0					Wheat Ridge, Arvada
New	Unidentified Project						
	JEFFERSON COUNTY TOTALS	1,639.0	2,052.7	1,852.7	1,652.7	1,302.7	
	UNALLOCATED		397.3				
	UDFCD TOTAL C.I.P. PARTICIPATION	10,163.0	11,700.0	9,717.7	8,900.7	8,210.7	

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 57, SERIES OF 2012

(Adoption of 2013 Work Program)

WHEREAS, the 2013 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems of the District; and

WHEREAS, the 2013 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2013 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2013 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2013 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 2013 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 2013.

NOW, THEREFORE, BE IT RESOLVED that the Work Program for 2013 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 accepted 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. Maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Maintenance 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 program.
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.

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 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. 58, SERIES OF 2012 (Adoption of Five-Year Capital Improvement Plan [CIP]: 2012 – 2016)

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. 57, Series of 2011, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2011 through 2015; 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 2012 – 2016 CIP; and

WHEREAS, the Board of Directors, adopted a budget for 2013 (Resolution No. 51, Series of 2012) which includes \$11,700,000 for CIP improvements within the District; and

WHEREAS, a public hearing on the proposed plan was held on December 20, 2012 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 2012 through 2016 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 government must provide at least a 50 percent match to District funds.
 - d. Local government 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)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 59, SERIES OF 2012
(Authorization of 2013 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 from each county; and

WHEREAS, the Board of Directors, pursuant to such authorization adopted a budget for 2013 (Resolution No. 51, Series of 2012) which includes \$8,287,626 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2013 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 2013 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 2013 Maintenance Work Plan.
3. The total 2013 expenditures for maintenance services shall not exceed \$8,287,626 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. 60, SERIES OF 2012
(Authorization of 2013 Maintenance Expenditures for South Platte River)

WHEREAS, the Board established policy regarding maintenance of the South Platte River (Resolution No. 58, Series of 1986); and

WHEREAS, the Board of Directors adopted a budget for 2013, (Resolution No. 51, Series of 2012) which includes \$1,735,000 for the maintenance of the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2013 South Platte River maintenance and 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 routine and restoration maintenance of flood control, 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 2013 routine and restoration maintenance activities.
3. The total expenditures for routine and restoration maintenance of the South Platte River shall not exceed \$1,735,000 in 2013 without further approval of the Board.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 61, SERIES OF 2012

(Authorization to Enter into Agreement with the U.S. Geological Survey (USGS)
for Rainfall/Runoff Investigation)

WHEREAS, the District adopted a budget for calendar year 2013 (Resolution No. 51, Series of 2012) that includes \$100,000 in the Special Revenue Fund – Maintenance for maintenance of flood warning equipment; and

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 has been engaged in cooperative agreements with the USGS since October 1970 with regard to rainfall, runoff, stream flow data collection and investigations; and

WHEREAS, the District has cooperated since 1982 with local communities and the USGS to jointly fund the costs of rainfall and continuous stream flow measuring stations on the South Platte River and Clear Creek; and

WHEREAS, the District has also established 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, an agency of the federal government, has funds available to support the continued maintenance of the above-stated flow measuring stations, and has offered to renew a cooperative agreement related to such data collection; and

WHEREAS, the District adopted a Work Program for 2013 (Resolution 57, Series 2012) that includes continued support of a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the cost of entering into agreement with the USGS in 2013 with regard to rainfall/runoff data collection and investigation is estimated at \$100,000.

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 2013 for this work shall not exceed \$100,000 without further approval of the Board.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 62, SERIES OF 2012

(Authorization of 2013 Maintenance Expenditures to Assist Local Governments in
Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2013 (Resolution No. 51, Series of 2012) that includes \$407,000 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 NPDES requirements for Phase I communities; and

WHEREAS, the District adopted a Work Program for 2013 which includes the continuation of a program to provide meteorological services to local governments (Resolution No. 57, Series of 2012) 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 2013 flood season.
2. The costs of these services shall not exceed \$407,000 for calendar year 2013.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 63, SERIES OF 2012
(Authorization to Establish an Areawide Meteorological
Support Service to Local Governments)

WHEREAS, the District has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes the provision of meteorological services to supplement National Weather Service watches and warnings; and

WHEREAS, the District adopted a budget for calendar year 2013 (Resolution No. 51, Series of 2012) that included \$98,000 in the General Fund for provision of meteorological services; 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 2013 flood season.
2. The costs of these services shall not exceed \$98,000 for calendar year 2013 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 \$35,700 for calendar year 2013 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. 64, SERIES OF 2012

(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)

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 2011; and

WHEREAS, the Board previously authorized, (Resolution No. 31, Series of 2011; Resolution No. 46, Series of 2011; and Resolution No. 13, Series of 2012) \$350,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek from Monaco Parkway to E 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 E 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 \$1,200,000, (\$600,000 District, \$600,000 City and County of Denver); and

WHEREAS, the District's additional 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. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek from Monaco Parkway to E Iliff Avenue; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2011) in which the improvements along Cherry Creek from Monaco Parkway to E 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 E Iliff Avenue project without prior approval of the Board shall be ~~\$350,000~~ **\$600,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by 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

(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)

This aerial map illustrates the proposed Cherry Creek Drive project in Denver, Colorado. The project area is highlighted with a dashed line and labeled "Cherry Creek Drive" in a green box. Key roads shown include S Monaco Pkwy, S Quebec St, and E Iliff Ave. The map also identifies Cook Park and various residential streets. A compass rose in the bottom right corner indicates the orientation, and a scale bar at the bottom provides coordinates and elevation data.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 65, SERIES OF 2012

(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; and Resolution No. 21, Series of 2012) \$975,000 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, the City of Westminster and Adams County have estimated the additional project costs to be \$600,000 resulting in a revised total project cost of \$2,650,000 (\$1,275,000 District, \$1,375,000 Westminster and Adams County); 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. 51, Series of 2012) for calendar year 2013 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. 58, Series of 2012) 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 ~~\$975,000~~ **\$1,275,000** 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. 65, SERIES OF 2012

(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. 66, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek, City of Northglenn)

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 has enacted floodplain regulations; and

WHEREAS, the City of Northglenn and the District cooperated in the preparation of "Major Drainageway Planning Study Grange Hall Creek", dated December 1977; and

WHEREAS, the Board previously authorized, (Resolution No. 46, Series of 2008; Resolution No. 41, Series of 2009; Resolution No. 32, Series of 2010; Resolution No. 17, Series of 2011; Resolution No. 23, Series of 2012; Resolution No. 42, Series of 2012; and Resolution No. 48, Series of 2012) \$850,000 for design, acquisition of right-of-way, and construction of improvements along Grange Hall Creek (Exhibit A); and

WHEREAS, the City of Northglenn and the District now desire to construct improvements along Grange Hall Creek; and

WHEREAS, the City of Northglenn has estimated the additional project costs to be \$370,000 resulting in a revised total project cost of \$3,283,538 (\$1,220,000 District, \$2,063,538 Northglenn); and

WHEREAS, the District's additional participation being authorized by this resolution is \$370,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Grange Hall Creek; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Grange Hall Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 46, Series of 2008, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Grange Hall Creek project without prior approval of the Board shall be ~~\$850,000~~ **\$1,220,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Northglenn."
2. All other conditions and authorizations remain as stated in Resolution No. 46, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 66, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek, City of Northglenn)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 67, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Irondale Gulch, Dahlia Outfall, Phase 4, 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, Commerce City, and the District cooperated in the preparation of "Drainage Outfall Systems Planning North Commerce City and Irondale Area" by McLaughlin Water Engineers, dated April 1996, and an update to the outfall systems plan titled "Drainage Outfall Systems Update Northern Commerce City and Irondale Area" by ICON Engineering, Inc., dated September 2005; and

WHEREAS, the Board previously authorized, (Resolution No. 35, Series of 2006 and Resolution No. 11, Series of 2010) \$475,000 for design, acquisition of right-of-way, and construction of improvements along Irondale Gulch, Dahlia Outfall, Phase 4 (Exhibit A); and

WHEREAS, Adams County and the District now desire to construct improvements along Irondale Gulch, Dahlia Outfall, Phase 4; and

WHEREAS, Adams County has estimated the additional project costs to be \$620,000 resulting in a revised total project cost of \$10,073,928 (\$1,095,000 District, \$8,978,928 Adams County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$620,000; 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. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Irondale Gulch, Dahlia Outfall, Phase 4; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Irondale Gulch, Dahlia Outfall, Phase 4 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 35, Series of 2006, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Irondale Gulch, Dahlia Outfall, Phase 4 project without prior approval of the Board shall be ~~\$475,000~~ **\$1,095,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 35, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 67, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Irondale Gulch, Dahlia Outfall, Phase 4, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2012
(Authorization to Participate in Drainage and Flood Control Improvements
On Marston Lake, 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 "Marston Lake North Drainageway Major Drainageway Plan", dated May 2012; 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 Marston Lake (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total project costs to be \$200,000; and

WHEREAS, the District's participation being authorized by this resolution is \$100,000; 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. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Marston Lake; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Marston Lake 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 Marston Lake.
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 Marston Lake.
3. The District's maximum contribution to the Marston Lake project, without prior approval of the Board, shall be \$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.
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 Marston Lake 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. 68, SERIES OF 2012
(Authorization to Participate in Drainage and Flood Control Improvements
On Marston Lake, City and County of Denver)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Littles Creek at West Lake 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, Arapahoe County, and the District cooperated in the preparation of "Major Drainageway Planning, Lee Gulch, Littles Creek, Phase B-Preliminary Design", dated September 1978; and

WHEREAS, the Board previously authorized (Resolution No. 43, Series of 2012; Resolution No. 80, Series of 2009; Resolution No. 31, Series of 2009; and Resolution No. 48, Series of 2007) \$750,000 for design, acquisition of right-of-way, and construction of improvements along Littles Creek at West Lake Avenue (Exhibit A); and

WHEREAS, City of Littleton and the District now desire to construct improvements along Littles Creek at West Lake Avenue; and

WHEREAS, the City of Littleton and the District have estimated the additional project costs to be \$460,000 resulting in a revised total project cost of \$2,050,000 (\$925,000 District, \$1,125,000 Littleton); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along Littles Creek at West Lake Avenue; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Littles Creek at West Lake Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 48, Series of 2007, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Littles Creek at West Lake Avenue project without prior approval of the Board shall be ~~\$725,000~~ **\$925,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Littleton."
2. All other conditions and authorizations remain as stated in Resolution No. 48, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

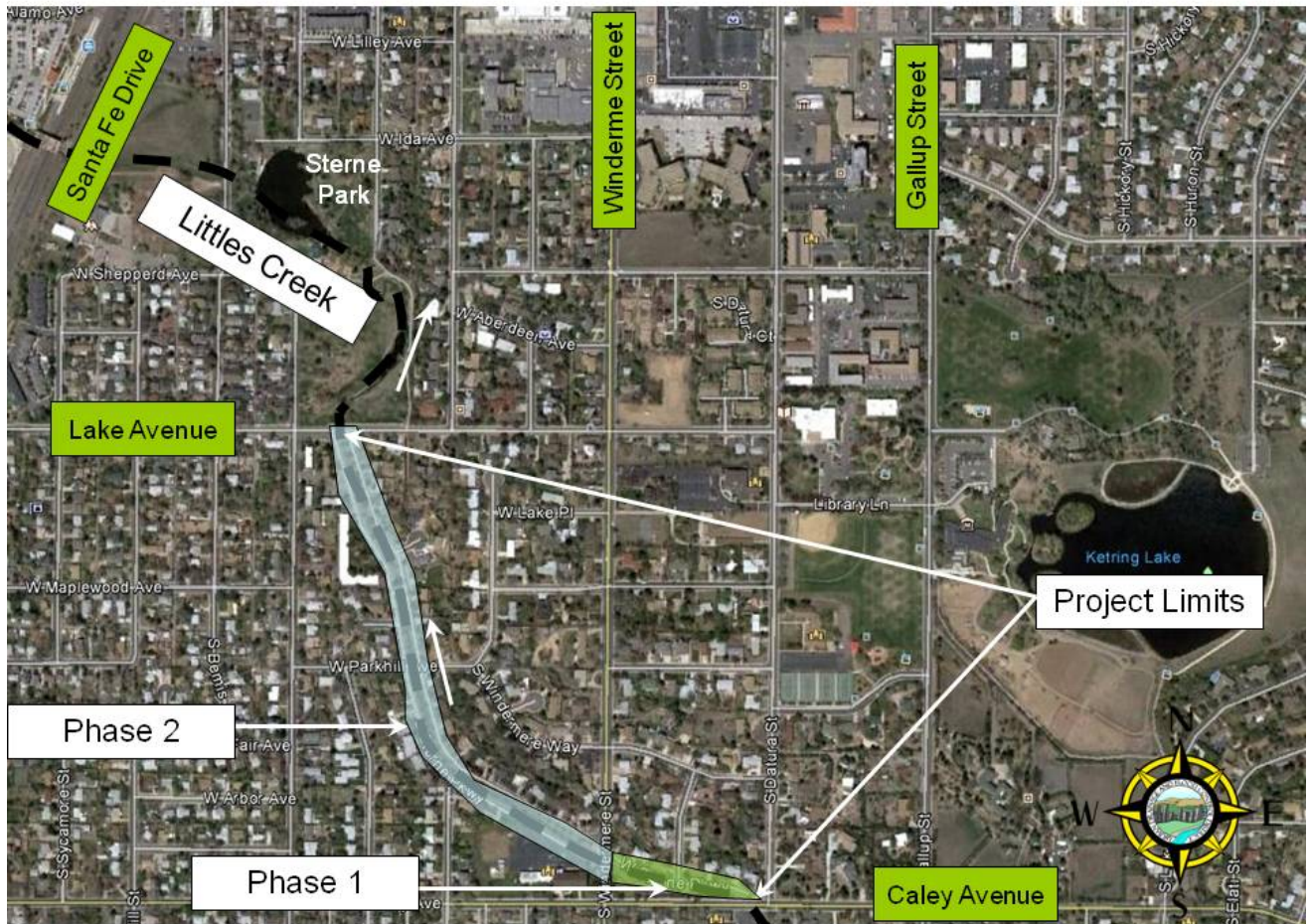
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2012

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Little's Creek at West Lake Avenue, City of Littleton, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2012
(Authorization for a Planning Study of Upper Westerly 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 Aurora and the City and County of Denver have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes master planning; and

WHEREAS, the Board wishes to cooperate with the City of Aurora and the City and County of Denver in the identification of solutions to stormwater drainage and flood control management problems for upper Westerly Creek (Exhibit A); and

WHEREAS, the City of Aurora and the City and County of Denver have expressed a desire to participate in a study leading to a major drainageway plan for upper Westerly Creek and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$200,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$100,000
City of Aurora	\$75,000
<u>City and County of Denver</u>	<u>\$25,000</u>
TOTAL	\$200,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Aurora and the City and County of Denver to fund the required engineering and mapping services for the upper Westerly 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 \$200,000 and the District's share of total costs shall not exceed \$100,000 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 Aurora and the City and County of Denver.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Westerly 1212

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2012
(Authorization for a Planning Study of Upper Westerly Creek)

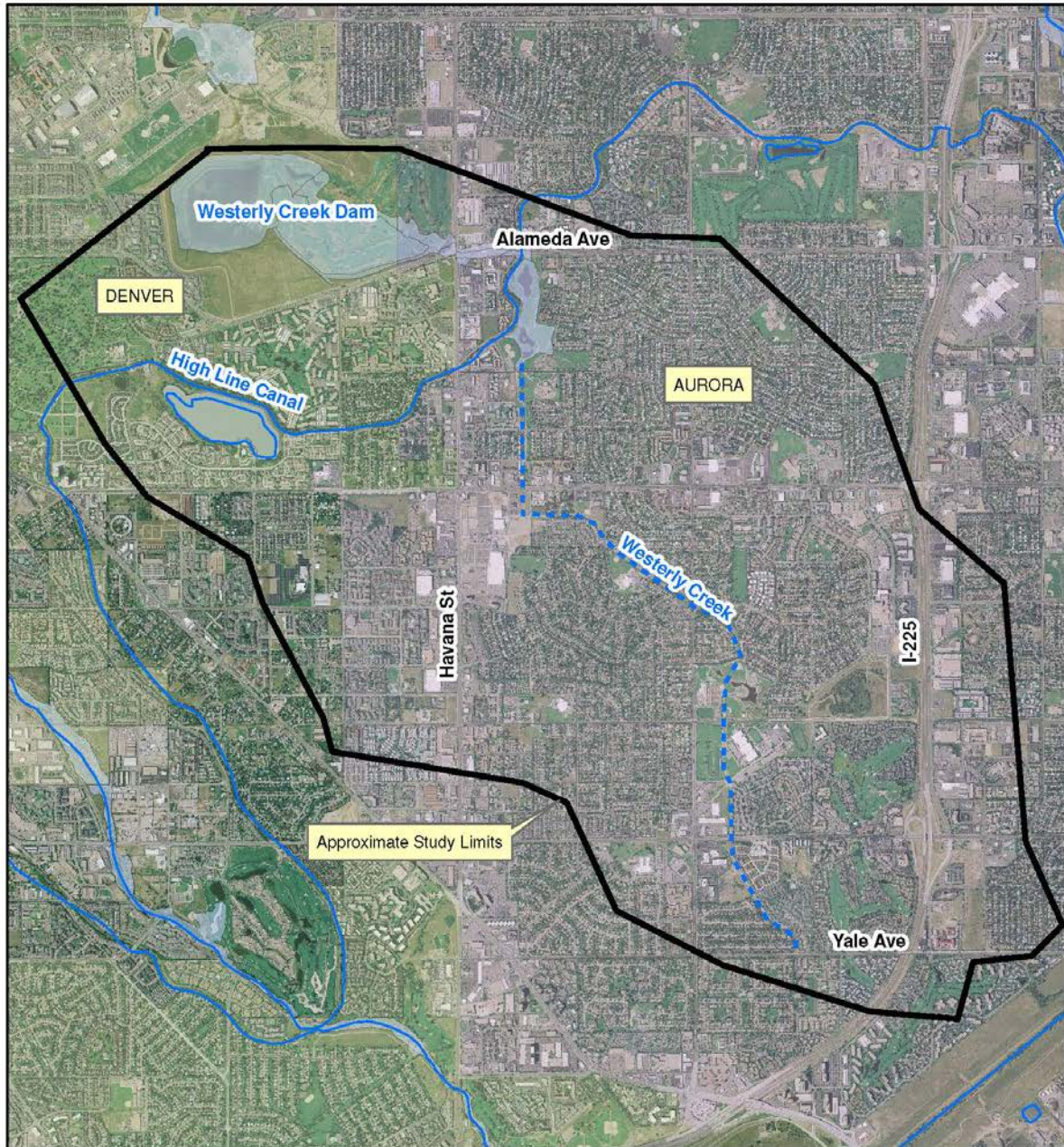
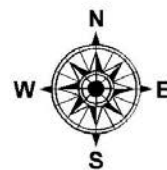


EXHIBIT A
Westerly Creek U/S of Dam
Major Drainageway Plan & FHAD
Approximate Study Limits
November 2012



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 71, SERIES OF 2012
(Acceptance of Easterly Creek Outfall Systems Planning Study)

WHEREAS, the Board cooperated with the City of Aurora in the preparation of an outfall systems planning study for Easterly Creek (Resolution No. 24, Series of 2011); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Short Elliott Hendrickson, Inc. to conduct studies and prepare an outfall systems planning report for Easterly Creek; and

WHEREAS, the District reviewed the alternatives presented by Short Elliott Hendrickson, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora; and

WHEREAS, Short Elliott Hendrickson, Inc. has completed the study and submitted to the District the "Easterly Creek Outfall Systems Plan" report, dated December 2012.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Easterly Creek Outfall Systems Plan", dated December 2012, and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control planning, in land development, and in design of all drainageway facilities within the 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. 71, SERIES OF 2012
(Acceptance of Easterly Creek Outfall Systems Planning Study)

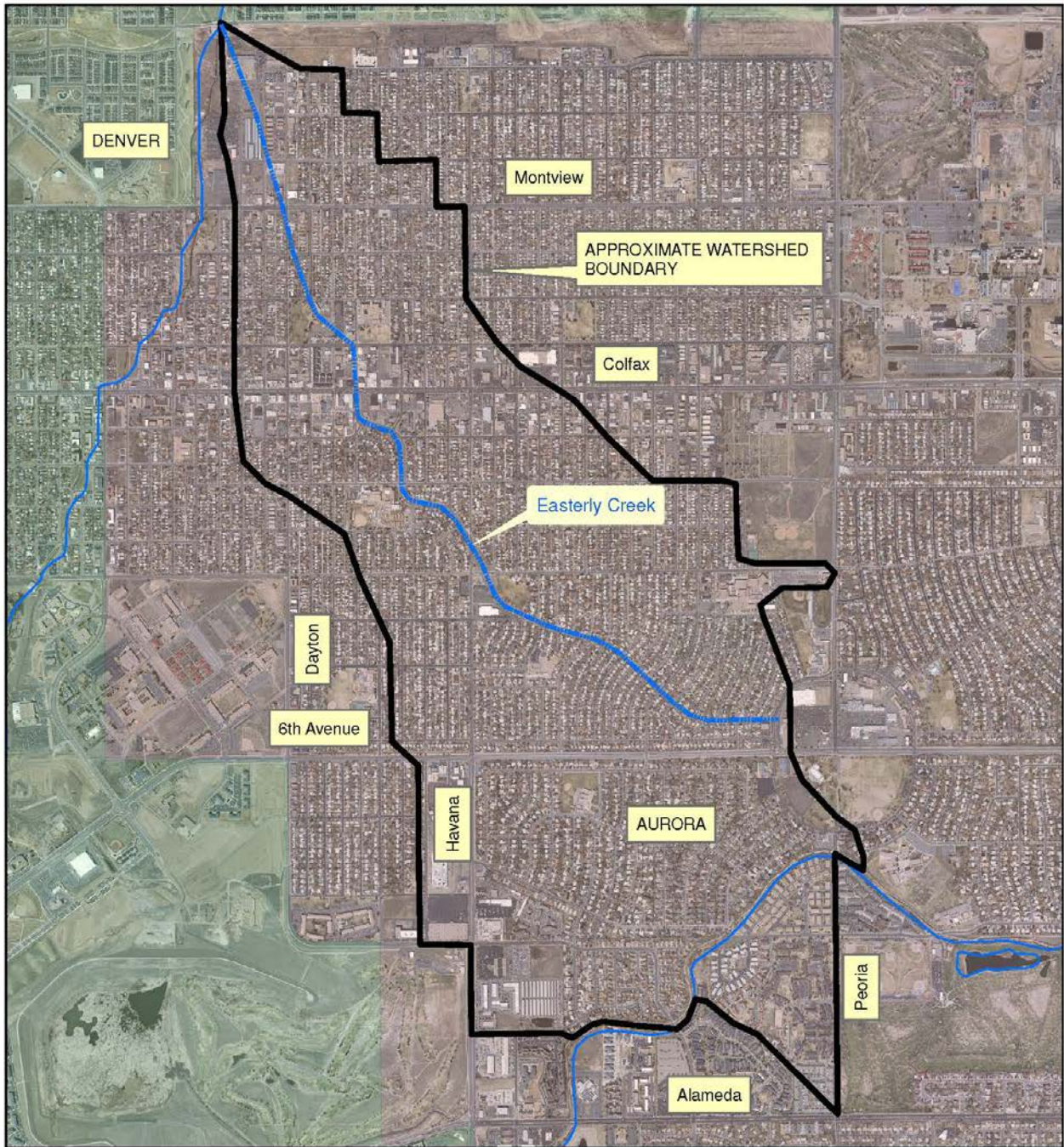


EXHIBIT A
Easterly Creek
Outfall Systems Plan
Approximate Study Limits
March 2011



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 72, SERIES OF 2012
(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 City and County of Denver has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes master planning; 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 Weir Gulch and 1st Avenue Tributary (Exhibit A); and

WHEREAS, the City and County of Denver has expressed a desire to participate in a study leading to a major drainageway plan for Weir Gulch and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$200,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$100,000
<u>City and County of Denver</u>	<u>\$100,000</u>
TOTAL	\$200,000

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 Weir 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 \$200,000 and the District's share of total costs shall not exceed \$100,000 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. 72, SERIES OF 2012
(Authorization for a Planning Study of Weir Gulch)

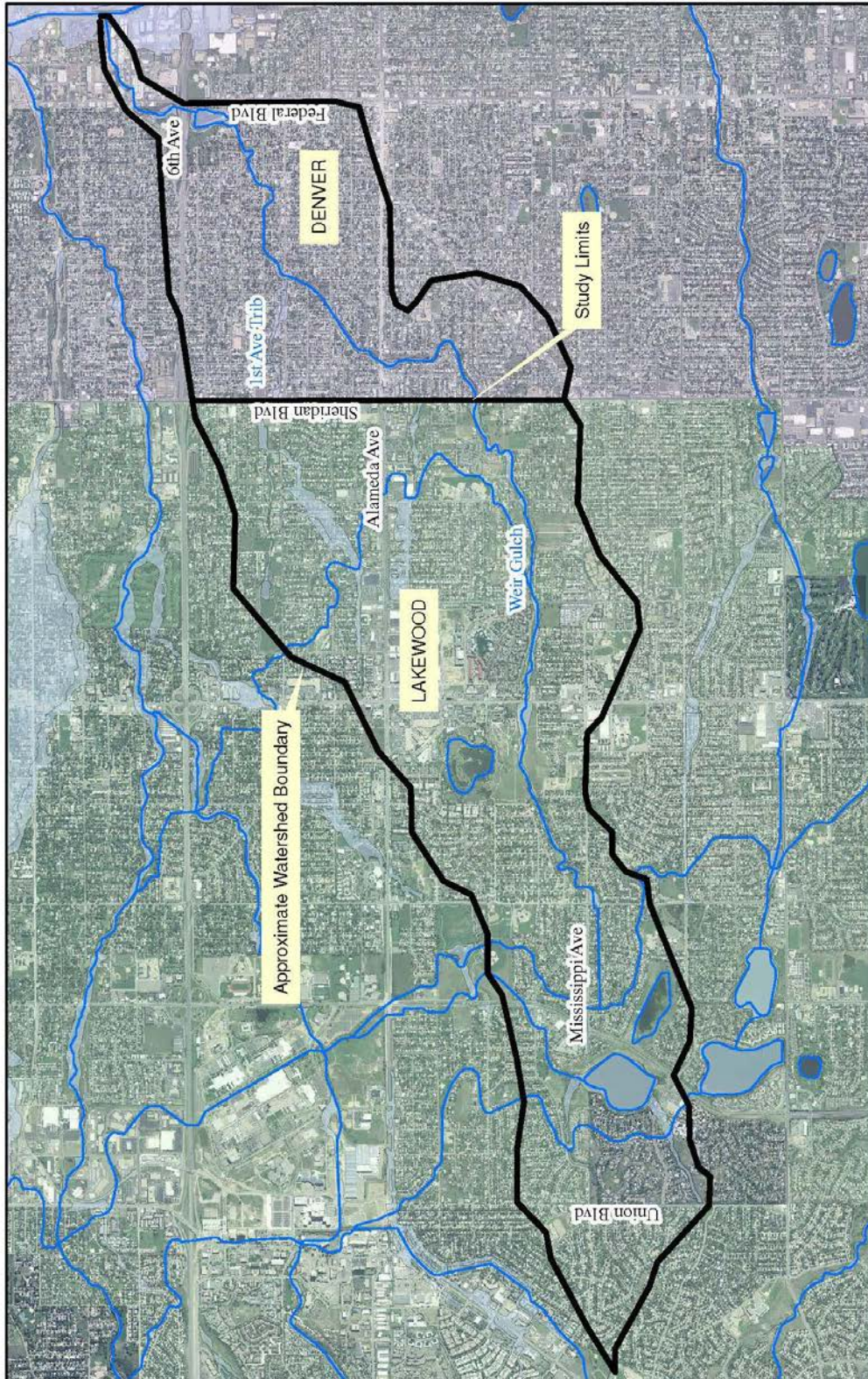


EXHIBIT A
Weir Gulch and 1st Avenue Tributary
Major Drainage Plan & FHAD
Approximate Study Limits
November 2012

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 73, SERIES OF 2012
(Authorization for a Planning Study of Kalcevik 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, Adams County and the City of Westminster has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes master planning; and

WHEREAS, the Board wishes to cooperate with Adams County and the City of Westminster in the identification of solutions to stormwater drainage and flood control management problems for Kalcevik Gulch (Exhibit A); and

WHEREAS, Adams County and the City of Westminster have expressed a desire to participate in a study leading to a major drainageway plan for Kalcevik Gulch and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$160,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$80,000
Adams County	\$55,000
<u>City of Westminster</u>	<u>\$25,000</u>
TOTAL	\$160,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Adams County and the City of Westminster to fund the required engineering and mapping services for the Kalcevik 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 \$160,000 and the District's share of total costs shall not exceed \$80,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by Adams County and the City of Westminster.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 73, SERIES OF 2012
(Authorization for a Planning Study of Kalcevik Gulch)

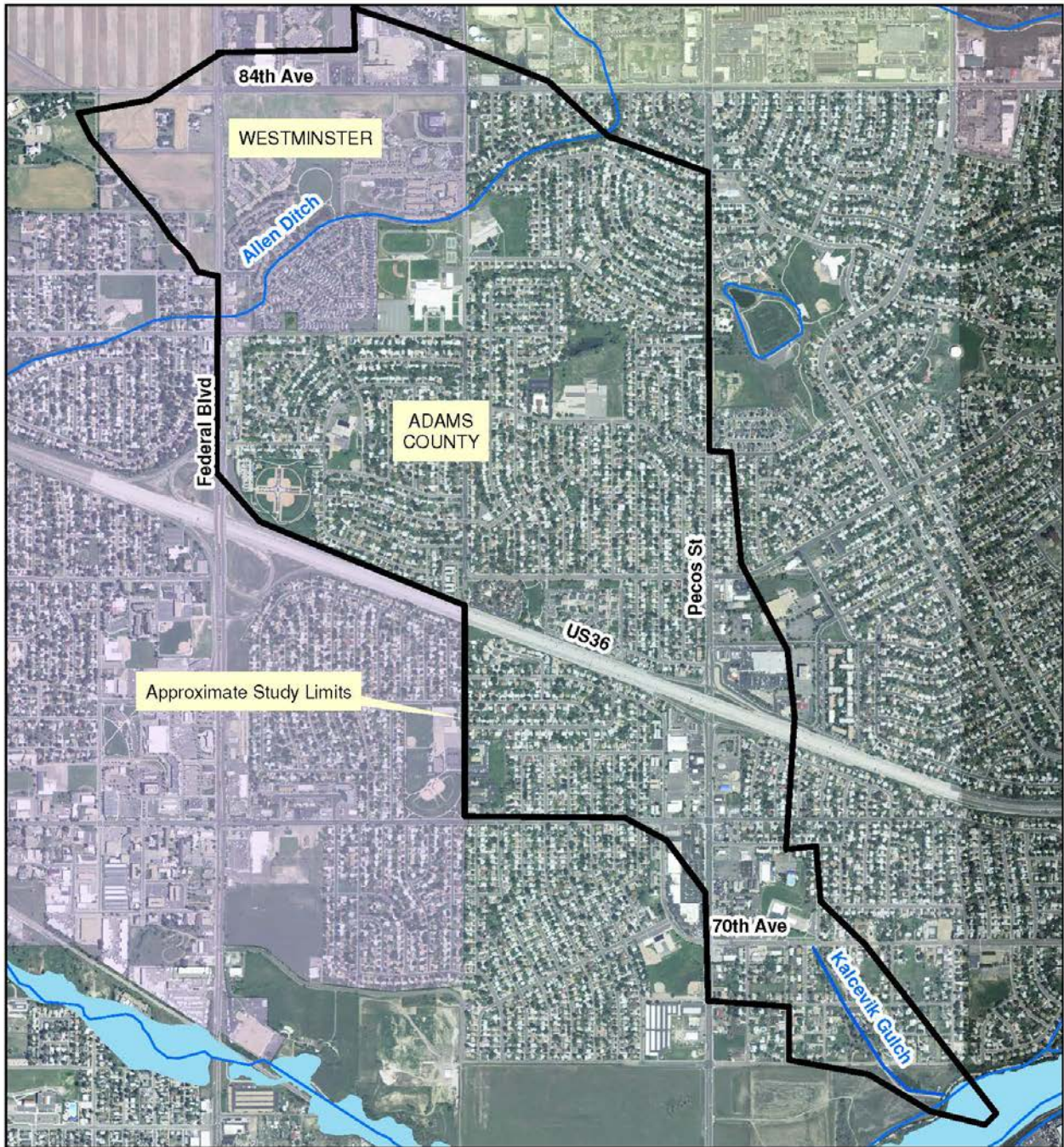
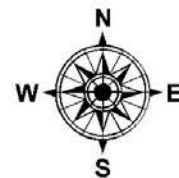


EXHIBIT A
KALCEVIK GULCH
Major Drainageway Plan Update
Approximate Study Limits
December 2012



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 74, SERIES OF 2012

(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 Board desires in 2013 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, 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, and 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 2013 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 \$120,500; and

WHEREAS, the Board has adopted the 2013 Work Program (Resolution 57, Series of 2012) which includes a total of \$480,500 to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and these funds have now been budgeted in 2013 for this work.

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 2013 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 2013 shall not exceed \$480,500 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 75, SERIES OF 2012

(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 2013 (Resolution No. 57, Series of 2012) which includes the delineation of flood hazard areas and coordination of 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 2013 (Resolution No. 51, Series of 2012) that included \$360,000 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 2013 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 \$360,000 in the Floodplain Management budget for 2013, 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. 76, SERIES OF 2012

(Acceptance of Flood Hazard Area Delineation Report for Sand Creek Colfax to Yale)

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 Matrix Design Group for a master planning and flood hazard area delineation study of Sand Creek Colfax to Yale; and

WHEREAS, a report "Flood Hazard Area Delineation, Sand Creek Colfax to Yale", dated October 2012 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 accepts the report "Flood Hazard Area Delineation Sand Creek Colfax to Yale," dated October, 2012 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 Aurora 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

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 76, SERIES OF 2012

(Acceptance of Flood Hazard Area Delineation Report for Sand Creek Colfax to Yale)

EXHIBIT A

