

**Summary**  
**Urban Drainage and Flood Control District**  
**2019 Work Plan - Maintenance Stream Management**

COUNTY	VEGETATION MANAGEMENT & DEBRIS REMOVAL	SEDIMENT REMOVAL	RESTORATION PROJECTS	CONTINGENCY	TOTAL
Adam	\$ 110,000	\$ 89,500	\$ 1,360,000	\$ 112,794	\$ 1,672,294
Arapahoe	\$ 219,200	\$ 475,000	\$ 1,790,000	\$ 222,170	\$ 2,706,370
Boulder	\$ 88,000	\$ 240,000	\$ 1,080,000	\$ 121,968	\$ 1,529,968
Broomfield	\$ 4,650	\$ 33,000	\$ 312,000	\$ 1,916	\$ 351,566
Denver	\$ 533,500	\$ 320,000	\$ 3,513,000	\$ 54,587	\$ 4,421,087
Douglas	\$ 60,000	\$ 247,762	\$ 945,000	\$ 41,296	\$ 1,294,058
Jefferson	\$ 155,000	\$ 146,000	\$ 2,225,000	\$ 38,657	\$ 2,564,657
Total	\$ 1,170,350	\$ 1,551,262	\$ 11,225,000	\$ 593,388	\$ 14,540,000

**Adam**  
**ADAMS COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET = \$1,672,294**

LAST UPDATED 08/01/18

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$100,000.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$10,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$110,000.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
THORNTON	WEST	CONTINUING	Big Dry Creek-144th Way to Wadley South Creek	Annual debris and sediment removal as needed	\$2,500.00
THORNTON	WEST	CONTINUING	Big Dry Creek-Wadley South Creek to 152nd Avenue	Annual debris and sediment removal as needed	\$2,500.00
THORNTON	WEST	CONTINUING	Big Dry Creek-152nd Ave to E-470	Annual debris and sediment removal as needed	\$2,500.00
THORNTON	WEST	CONTINUING	Big Dry Creek-D/S of York St to 156th Ave	Annual debris and sediment removal as needed	\$2,500.00
ADAMS CO.	WEST	CONTINUING	Clear Creek-From S. Platte River to 52nd Ave	Annual debris and sediment removal as needed	\$2,000.00
	WEST		Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$12,000.00</b>
COMMERCE CITY	NORTHEAST	CONTINUING	Dupont Drainage-72nd Ave and Magnolia Los Val Park Detention	Annual debris and sediment removal as needed	\$2,500.00
COMMERCE CITY	NORTHEAST	CONTINUING	Dupont Drainage (Fairfax Tributary)-S. of 69th ave and Fairfax Dr. Fairfax Detention	Annual debris and sediment removal - 3 cycles per year	\$21,000.00
COMMERCE CITY	NORTHEAST	CONTINUING	Dupont Drainage (Fairfax Tributary)-64th ave and Olive St. Olive Park Detention	Annual debris and sediment removal as needed	\$2,500.00
	NORTHEAST		Contingency		
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$26,000.00</b>
NORTHGLENN	NORTH	CONTINUING	Grange Hall Creek-East of Irma Dr.	Annual debris and sediment removal as needed	\$2,500.00
NORTHGLENN	NORTH	CONTINUING	Grange Hall Creek-125 to Grant Dr.	Annual debris and sediment removal as needed	\$15,000.00
NORTHGLENN	NORTH	CONTINUING	Grange Hall Creek North Tributary-Gaylord St and 109th ave	Annual debris and sediment removal as needed	\$0.00
NORTHGLENN	NORTH	CONTINUING	Grange Hall Creek Tributary Northeast- Along E. 112th Ave from Washington Ave to Claude Ct	Annual debris and sediment removal as needed	\$10,000.00
NORTHGLENN	NORTH	CONTINUING	Grange Hall Creek Niver Canal-West of Pecos	Annual debris and sediment removal as needed	\$3,000.00
THORNTON	NORTH	CONTINUING	Niver Creek-NW of 125 and 88th Ave Niver Detention Pond	Annual debris and sediment removal as needed	\$5,000.00
THORNTON	NORTH	CONTINUING	Niver Creek-Thornton Parkway	Annual debris and sediment removal as needed	\$1,000.00
	NORTH		Contingency		
<b>NORTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$36,500.00</b>
	SAND				
	SAND		Contingency		
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
ADAMS CO.	COUNTY WIDE		Various County Wide Contingency		\$15,000.00
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$89,500.00</b>

**Adam**

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>RESTORATION PROJECTS</b>					
THORNTON	WEST	CONTINUING	Big Dry Creek-Through Thorncreek GC	Vegetation Establishment & Weed Control	
				Engineering	
				Construction	\$15,000.00
ADAMS COUNTY	WEST	NEW	Kalcevik Gulch - 68th Avenue to Clear Creek	Bank Stabilization & Sediment Removal	
				Engineering	
				Construction	\$75,000.00
THORNTON	WEST	CONTINUING	Tanglewood Creek - I-25 to Big Dry Creek	Stream Restoration & Bank Stabilization	
				Engineering	\$100,000.00
				Construction	
THORNTON	WEST	NEW	Tributary to Big Dry Creek near 132nd and Washington	Bank Stabilization & Sediment Removal	
				Engineering	\$50,000.00
				Construction	\$100,000.00
ADAMS COUNTY	WEST	CONTINUING	Clear Creek Upstream of Federal	Vegetation Establishment & Weed Control	
				Engineering	
				Construction	\$25,000.00
ADAMS COUNTY	WEST	NEW	Page Gulch	Sediment removal & bank stabilization	
				Engineering	\$25,000.00
				Construction	\$100,000.00
WESTMINSTER	WEST	NEW	Big Dry Creek - Sheridan Blvd to I-25	Tree thinning of invasive species	
				Engineering	
				Construction	\$75,000.00
	WEST		Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$565,000.00</b>
THORNTON	NORTH	CONTINUING	Niver Creek - Upstream of Huron Street	Stream Restoration and Bank Stabilization	
				Engineering	
				Construction	\$350,000.00
THORNTON	NORTH	NEW	Niver Creek - Downstream of I-25	Vegetation thinning & debris removal	
				Engineering	
				Construction	\$25,000.00
THORNTON	NORTH	NEW	Niver Creek Trib M - 92nd Ave to Huron St	Tree thinning, debris & trash removal	
				Engineering	
				Construction	\$25,000.00
THORNTON	NORTH	NEW	Niver Detention Dam	Outlet Repairs	
				Engineering	\$50,000.00
				Construction	\$100,000.00
THORNTON	NORTH	NEW	Niver Creek Trib M - Downstream of Huron	Bank Stabilization to Protect Sanitary Sewer	
				Engineering	\$20,000.00
				Construction	\$80,000.00
	NORTH		Contingency		
<b>NORTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$650,000.00</b>

**Adam**

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM	
AURORA	SAND CREEK	CONTINUING	Westerly Creek- at 22nd Avenue	Vegetation Establishment		
					Engineering	
					Construction	\$25,000.00
COMMERCE CITY	SAND CREEK	NEW	Sand Creek - I-70 to South Platte River	Tree Thinning		
					Engineering	
					Construction	\$100,000.00
	SAND CREEK		Contingency			
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$125,000.00</b>	
	NORTHEAST					
				Engineering		
				Construction		
			Contingency			
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>	
ADAMS COUNTY	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses			
				Ecological Services	\$20,000.00	
<b>RESTORATION TOTAL</b>					<b>\$1,360,000.00</b>	
<b>SUB TOTAL</b>					<b>\$1,559,500.00</b>	
<b>CONTINGENCY</b>					<b>\$112,794.00</b>	
<b>2019 WORK PROGRAM TOTAL</b>					<b>\$1,672,294.00</b>	

**Arapahoe**  
**ARAPAHOE COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET= \$2,706,370**

LAST UPDATED 08/01/18

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$174,200.00
COUNTY WIDE	COUNTY WIDE	CONTINUING	Various County Wide Contingency		\$45,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$219,200.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
	NE				
	NE		Contingency		
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
	SAND				
	SAND		Contingency		
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
FOXFIELD	CHERRY	CONTINUING	CHERRY CREEK	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$15,000.00
SEMSWA - ARAP	CHERRY	CONTINUING	CHERRY CREEK - 17 MILE	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$75,000.00
SEMSWA - ARAP	CHERRY	CONTINUING	PINEY CREEK	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$125,000.00
SEMSWA-CENTENNIAL	CHERRY	CONTINUING	PINEY CREEK- SMOKY HILL WEST TRIB	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
SEMSWA-CENTENNIAL	CHERRY	CONTINUING	PINEY CREEK- SMOKY HILL EAST TRIB	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
SEMSWA-CENTENNIAL	CHERRY	CONTINUING	PINEY CREEK- SMOKY HILL MIDDLE TRIB	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
	CHERRY				
	CHERRY				
	CHERRY				
	CHERRY		Contingency		
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$221,000.00</b>
ENGLEWOOD	SOUTH	CONTINUING	BIG DRY CREEK-BDC TRIBUTARY	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	LITTLE DRY CREEK (ARAPCO) - HOLLY DAM	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$50,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	SLAUGHTERHOUSE GULCH	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
LITTLETON	SOUTH	CONTINUING	SLAUGHTERHOUSE GULCH	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$3,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	WILLOW CREEK (ARAPCO) - ENGLEWOOD DAM	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$50,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	WILLOW CREEK (ARAPCO) - DRY CREEK SEDIMENT POND	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$50,000.00
LITTLETON	SOUTH	CONTINUING	LITTLES CREEK - ELATI TO APACHE	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$50,000.00
	SOUTH		Contingency		
<b>SOUTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$207,000.00</b>
COL. VALLEY	SW	CONTINUING	SPR - COL. VALLEY TRIB	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$2,000.00
	SW		Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$2,000.00</b>

## Arapahoe

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
ARAPAHOE CO	COUNTY WIDE		VARIOUS COUNTY WIDE	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$45,000.00
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$475,000.00</b>

RESTORATION PROJECTS					
	NORTHEAST			Engineering	
				Construction	
			Contingency		
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
AURORA	SAND CREEK	NEW	WESTERLY CREEK AT EXPO PARK	OUTLET STRUCTURE	
				Engineering	\$5,000.00
				Construction	\$15,000.00
AURORA	SAND CREEK	NEW	NO NAME CREEK AT HAMPDEN	OUTLET STRUCTURE	
				Engineering	
				Construction	\$20,000.00
			Contingency		
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$40,000.00</b>
AURORA	CHERRY CREEK	CONTINUING	ROBINSON GULCH - ARAPAHOE AND AURORA PKWY	BANK PROTECTION AND DROP STRUCTURE	
				Engineering	
				Construction	\$130,000.00
GLENDALE	CHERRY CREEK	CONTINUING	CHERRY CREEK - COLORADO BLVD	TREE REMOVAL	
				Engineering	\$0.00
				Construction	\$15,000.00
SEMSWA-CENTENNIAL	CHERRY CREEK	NEW	HAPPY CANYON CREEK	CONFLUENCE WITH CHERRY CREEK	
				Engineering	\$75,000.00
				Construction	\$100,000.00
AURORA	CHERRY CREEK	NEW	SAMPSON GULCH TRIBUTARY	OUTFALL REPAIR	
				Engineering	
				Construction	\$50,000.00
AURORA	CHERRY CREEK	NEW	SHOP CREEK	SEDIMENT REMOVAL	
				Engineering	
				Construction	\$250,000.00
			Contingency		
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$620,000.00</b>

## Arapahoe

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
ENGLEWOOD	SOUTH	CONTINUING	BIG DRY CREEK - DOWNSTREAM OF BELLEVIEW	BANK PROTECTION	
				Engineering	\$0.00
				Construction	\$240,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	LITTLE DRY CREEK (ARAPCO) - HOLLY DAM	DAM SAFETY AND INSPECTION	
				Engineering	\$40,000.00
				Construction	
LITTLETON	SOUTH	NEW	LEE GULCH - BROADWAY	DROP STRUCTURE	
				Engineering	
				Construction	\$40,000.00
LITTLETON	SOUTH	NEW	LEE GULCH - LOGAN DRIVE	BANK PROTECTION	
				Engineering	
				Construction	\$10,000.00
LITTLETON	SOUTH	NEW	LITTLES CREEK - STERNE PARK	DROP STRUCTURE REPAIR	
				Engineering	\$0.00
				Construction	\$5,000.00
SEMSWA-CENTENNIAL	SOUTH	CONTINUING	WILLOW CREEK (ARAPCO) - ENGLEWOOD DAM	DAM SAFETY AND INSPECTION	
				Engineering	\$40,000.00
				Construction	
ENGLEWOOD	SOUTH	NEW	LITTLE DRY CREEK - ENGLEWOOD HIGH SCHOOL		
				Engineering	
				Construction	\$20,000.00
LITTLETON	SOUTH	CONTINUING	BIG DRY CREEK UPSTREAM OF BELLEVIEW	SEDIMENT REMOVAL AND BANK PROTECTION	
				Engineering	\$30,000.00
				Construction	
LITTLETON	SOUTH	CONTINUING	LITTLES CREEK - RAPP STREET	TREE THINNING	
				Engineering	
				Construction	\$15,000.00
LITTLETON	SOUTH	CONTINUING	LEE GULCH - GALLUP STREET	BANK PROTECTION	
				Engineering	\$75,000.00
				Construction	\$175,000.00
LITTLETON	SOUTH	CONTINUING	LEE GULCH - SANTA FE DRIVE	REPAIR GROUTED BOULDERS	
				Engineering	
				Construction	\$25,000.00
LITTLETON	SOUTH	CONTINUING	LEE GULCH - UPSTREAM OF PRINCE STREET	BANK PROTECTION	
				Engineering	
				Construction	\$40,000.00
SEMSWA-CENTENNIAL	SOUTH	NEW	WILLOW CREEK AT DRY CREEK ROAD		
				Engineering	
				Construction	\$50,000.00

## Arapahoe

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
SEMSWA-CENTNNIAL	SOUTH	NEW	DUTCH CREEK UPSTREAM OF PLATTE CANYON ROAD	TREE THINNING	
				Engineering	
				Construction	\$75,000.00
SEMSWA-CENTNNIAL	SOUTH	NEW	BIG DRY CREEK AT DRY CREEK ROAD		
				Engineering	
				Construction	\$50,000.00
			Contingency		
<b>SOUTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$930,000.00</b>
	SOUTHWEST				
				Engineering	
				Construction	
			Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
ARAPAHOE	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses	SMALL PROJECTS FUND	\$50,000.00
				PERMITTING FEES	\$150,000.00
<b>RESTORATION TOTAL</b>					<b>\$1,790,000.00</b>
<b>SUB TOTAL</b>					<b>\$2,484,200.00</b>
<b>CONTINGENCY</b>					<b>\$222,170.00</b>

**2019 WORK PROGRAM TOTAL      \$2,706,370.00**



**Boulder**  
**BOULDER COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET = \$1,529,968**

LAST UPDATED 08/03/18

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$78,000.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$10,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$88,000.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
ERIE	BOULDER	CONTINUING	COAL CREEK (BOCO)- BOULDER CREEK DITCH	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$50,000.00
SUPERIOR	BOULDER	NEW	RIVERBEND CHANNEL	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$20,000.00
BOULDER	BOULDER	NEW	ELMERS TWOMILE	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$70,000.00
BOULDER	BOULDER	NEW	GOOSE CK - FOLSOM TO 30TH	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$70,000.00
	BOULDER		Contingency		
<b>BOULDER WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$210,000.00</b>
BOULDER	COUNTY WIDE		VARIOUS COUNTY WIDE		\$30,000.00
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$240,000.00</b>

<b>RESTORATION PROJECTS</b>					
BOULDER	BOULDER	CONTINUING	BEAR CANYON CREEK - FOOTHILLS TO ARAPAHOE	SEDIMENT REMOVAL & DEBRIS REMOVAL	
				Engineering	\$20,000.00
				Construction	\$100,000.00
BOULDER	BOULDER	CONTINUING	GOOSE CREEK - BNSF TO FOOTHILLS	SEDIMENT REMOVAL & DEBRIS REMOVAL	
				Engineering	\$20,000.00
				Construction	\$100,000.00
BOULDER COUNTY	BOULDER	CONTINUING	BOULDER CREEK - KENOSHA ROAD TO HWY 52	FLOOD BREACH REPAIRS	
				Engineering	\$40,000.00
				Construction	\$250,000.00
LAFAYETTE	BOULDER	NEW	DRAINAGEWAY NO. 4 - S. BOULDER RD TO BNSF R.R.	BANK REPAIR, DEBRIS & SEDIMENT REMOVAL	
				Engineering	
				Construction	\$140,000.00
BOULDER COUNTY	BOULDER	NEW	FOURMILE CANYON CREEK - 61ST ST	REPLACE FAILING CULVERT	
				Engineering	\$40,000.00
				Construction	\$150,000.00
BOULDER COUNTY	BOULDER	NEW	FOURMILE CANYON CREEK - 61ST ST	REPLACE FAILING CULVERT	
				Engineering	\$40,000.00
				Construction	\$150,000.00
			Contingency		
<b>BOULDER WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$1,050,000.00</b>

## Boulder

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
BOULDER	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses		\$30,000.00
<b>RESTORATION TOTAL</b>					<b>\$1,080,000.00</b>
<b>SUB TOTAL</b>					<b>\$1,408,000.00</b>
<b>CONTINGENCY</b>					<b>\$121,968.00</b>
<b>2019 WORK PROGRAM TOTAL</b>					<b>\$1,529,968.00</b>

**Broomfield**  
**BROOMFIELD COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET = \$351,566**

LAST UPDATED 08/01/18

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$4,650.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$0.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$4,650.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
	BOULDER				
	BOULDER		Contingency		
<b>BOULDER WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
BROOMFIELD (1a)	WEST	CONTINUING	CITY PARK DRAINAGEWAY	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$15,000.00
BROOMFIELD (2a)	WEST	CONTINUING	NISSEN RES DRAINAGEWAY	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$15,000.00
	WEST		Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$30,000.00</b>
BROOMFIELD	COUNTY WIDE		VARIOUS COUNTY WIDE		\$3,000.00
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$33,000.00</b>

<b>RESTORATION PROJECTS</b>					
	BOULDER			Engineering	
	BOULDER			Construction	
			Contingency		
<b>BOULDER WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
BROOMFIELD (2)	WEST	CONTINUING	NISSEN RES DRAINAGEWAY - 123RD PLACE D/S 550 FT	REPAIR ISOLATED EROSION	
				Engineering	\$0.00
				Construction	\$10,000.00
BROOMFIELD (3)	WEST	NEW	CITY PARK DRAINAGEWAY - EMERALD AND MIDWAY PARKS	REPAIR EXISTING FACILITIES	
				Engineering	\$50,000.00
				Construction	\$250,000.00
			Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$310,000.00</b>
BROOMFIELD	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses		\$2,000.00
<b>RESTORATION TOTAL</b>					<b>\$312,000.00</b>

**SUB TOTAL \$349,650.00**  
**CONTINGENCY \$1,916.00**

**2019 WORK PROGRAM TOTAL \$351,566.00**

**DENVER COUNTY 2019 WORK PLAN**

**TOTAL BUDGET = \$4,421,087**

**FUNDS REMAINING = \$0**

LAST UPDATED 12/7/2018

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal (Denver 1)	Annual mowing, debris removal, trash removal	\$283,500.00
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal (Denver 2)	Annual mowing, debris removal, trash removal	
COUNTY WIDE	COUNTY WIDE	CONTINUING	Vegetation Management	Annual mowing, debris removal, trash removal	\$175,000.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$75,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$533,500.00</b>
DENVER	SW		Weir Gulch Sediment Removal		
	SW				
	SW				
			Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
DENVER	SOUTH		Interstate I-25 Drainage Sediment Removal	Channel Repair/ Sediment Removal	\$0.00
	SOUTH				
	SOUTH				
	SOUTH				
			Contingency		
<b>SOUTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
DENVER	CHERRY		Cherry Creek Trail Sediment Removal	Sediment Removal	
DENVER	CHERRY		Goldsmith Gulch at Bible Park	Sediment Removal/ Vegetation Management	
	CHERRY				
	CHERRY				
	CHERRY				
			Contingency		
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
	SAND				
	SAND				
	SAND				
	SAND				
			Contingency		
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
Denver	NE		Montbello Channels- Between Havana and Chambers Sediment Removal	Sediment removal/ channel/ concrete repair	\$200,000.00
Denver	NE		Havana Street Dam Maintenance	General maintenance	\$20,000.00
Denver	NE		Tributary T - Sediment Removal	Sediment Removal/ Vegetation Management	\$100,000.00
	NE				
			Contingency		
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$320,000.00</b>
	NORTH				
	NORTH				
	NORTH				
	NORTH				
			Contingency		
<b>NORTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
DENVER	COUNTY WIDE		VARIOUS COUNTY WIDE		
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$320,000.00</b>

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
RESTORATION PROJECTS					
	WEST			Engineering Construction	
	WEST			Engineering Construction	
			Contingency		
WEST WATERSHED SERVICE AREA SUBTOTALS					\$0.00
DENVER	SOUTHWEST		Bear Creek- W. Dartmouth and S. Gray St.	Bank Stabilization Engineering Construction	\$250,000.00
DENVER	SOUTHWEST		Dry Gulch- between Sheridan and Utica Ct	Bank Stabilization Engineering Construction	\$75,000.00
DENVER	SOUTHWEST		Sanderson Gulch Denver Bay at Stuart	Install completed WQ Bay Engineering Construction	\$200,000.00
DENVER	SOUTHWEST		Marston Lake North Drainageway	Channel Improvements Engineering Construction	\$100,000.00
DENVER	SOUTHWEST			Engineering Construction	
			Contingency		
SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS					\$625,000.00
DENVER	SOUTH		Harvard Gulch- Jackson St	Sediment analysis/ sediment removal Engineering Construction	\$200,000.00
	SOUTH			Engineering Construction	
	SOUTH			Engineering Construction	
			Contingency		
SOUTH WATERSHED SERVICE AREA SUBTOTALS					\$200,000.00

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
DENVER	CHERRY		Cherry Creek- Upstream of Monaco	Headwall repair	
				Engineering	
				Construction	\$75,000.00
DENVER	CHERRY		Cherry Creek Tree Thinning - University to Colorado	Tree thinning	
				Engineering	
				Construction	\$200,000.00
DENVER	CHERRY		Cherry Creek- Quebec to Iliff	Stream stabilization	
				Engineering	
				Construction	\$600,000.00
	CHERRY			Engineering	
	CHERRY			Construction	
	CHERRY			Engineering	
	CHERRY			Construction	
			Contingency		
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$875,000.00</b>
DENVER	SAND		Westerly Creek Dam Maintenance	Routine maintenance	
				Engineering	\$75,000.00
				Construction	\$75,000.00
DENVER	SAND		Westerly Creek- MLK Blvd.	Channel improvements	
				Engineering	\$50,000.00
				Construction	\$550,000.00
DENVER	SAND		Kelly Road Dam Spillway Rehabilitation	Rehab secondary spillway	
				Engineering	\$13,000.00
				Construction	\$25,000.00
<b>SAND CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$788,000.00</b>
DENVER	NORTHEAST		Montbello Channel- Havana St at Railroad	Repair concrete channel/ bank stabilization	
				Engineering	
				Construction	\$50,000.00
	NORTHEAST		First Creek- Tower Rd.	Stream restoration	
	NORTHEAST			Engineering	\$400,000.00
	NORTHEAST			Construction	
	NORTHEAST			Engineering	
	NORTHEAST			Construction	
	NORTHEAST			Engineering	
	NORTHEAST			Construction	
			Contingency		
<b>NORTHEAST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$450,000.00</b>

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
	NORTH			Engineering	
				Construction	
	NORTH			Engineering	
				Construction	
			Contingency		
<b>NORTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
DENVER	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses	ENG	\$75,000.00
			Various-County Wide Permitting Assistance & Misc Expenses	ENG	\$200,000.00
			Various-County Wide Permitting Assistance & Misc Expenses (contingency)	ENG	\$150,000.00
DENVER	COUNTY WIDE		Various-County Wide Tree Thinning	ENG	\$150,000.00
<b>RESTORATION TOTAL</b>					<b>\$3,513,000.00</b>
<b>SUB TOTAL</b>					<b>\$4,366,500.00</b>
<b>CONTINGENCY</b>					<b>\$54,587.00</b>
<b>2019 WORK PROGRAM TOTAL</b>					<b>\$4,421,087.00</b>

**Douglas**  
**DOUGLAS COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET = \$1,294,058**

LAST UPDATED 09/13/18

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$40,000.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$20,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$60,000.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
	SW		Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
LONE TREE	SOUTH	CONTINUING	WILLOW CREEK	VEGETATION AND SEDIMENT REMOVAL	\$70,000.00
	SOUTH		Contingency		\$10,000.00
<b>SOUTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$80,000.00</b>
DOUGLAS CO.	CHERRY	NEW	NEWLIN GULCH AT STONEGATE	SEDIMENT REMOVAL	\$77,762.00
PARKER	CHERRY	NEW	LONG'S WAY TRIBUTARY DETENTION FACILITY UPSTREAM OF TWENTY MILE ROAD	SEDIMENT REMOVAL FROM TRICKLE CHANNEL	\$75,000.00
	CHERRY				
	CHERRY		Contingency		\$15,000.00
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$167,762.00</b>
DOUGLAS	COUNTY WIDE		VARIOUS COUNTY WIDE		\$0.00
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$247,762.00</b>

<b>RESTORATION PROJECTS</b>					
	S.W.			Engineering	
				Construction	
			Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$0.00</b>
LONE TREE	SOUTH	NEW	HERITAGE HILLS TRIBUTARY DETENTION BASIN - KIMMER LANE	OUTLET STRUCTURE RETROFIT, SEDIMENT, REVEG Engineering Construction	\$0.00 \$25,000.00
LONE TREE	SOUTH	NEW	WILLOW CREEK NEAR KACHINA WAY EXTENDED	CHANNEL BANK REPAIR Engineering Construction	\$0.00 \$100,000.00
HRMD	SOUTH	NEW	EAST DAD CLARK GULCH WILD IRIS	Engineering Construction	\$260,000.00
			Contingency		\$25,000.00
<b>SOUTH WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$410,000.00</b>



## Douglas

JURISDICTION	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
DOUGLAS COUNTY	CHERRY	NEW	TIMBERS CREEK D/S OF FOX SPARROW	CHANNEL REPAIR	
				Engineering	\$40,000.00
				Construction	\$250,000.00
DOUGLAS COUNTY	CHERRY		BALDWIN GULCH - PINE DRIVE	OUTFALL REPAIR	
				Engineering	\$30,000.00
				Construction	\$0.00
			Contingency		\$15,000.00
<b>CHERRY CREEK WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$335,000.00</b>
DOUGLAS	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses		\$40,000.00
				SMALL PROJECTS	\$80,000.00
				PRE/POST CONST MONITORING	\$80,000.00
<b>RESTORATION TOTAL</b>					<b>\$945,000.00</b>

**SUB TOTAL      \$1,252,762.00**

**CONTINGENCY      \$41,296.00**

**2019 WORK PROGRAM TOTAL      \$1,294,058.00**

**Jefferson**  
**JEFFERSON COUNTY 2019 WORK PLAN**  
**TOTAL BUDGET = \$2,564,657**

JURISDICTION (PRIORITY)	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
<b>STREAM MANAGEMENT - ANNUAL VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL</b>					
COUNTY WIDE	COUNTY WIDE	CONTINUING	Stream Management - Vegetation Management and Debris Removal	Annual mowing, debris removal, trash removal	\$140,000.00
JEFFCO		NEW	6132 Fremont Drive Veg Removal		\$5,000.00
COUNTY WIDE	COUNTY WIDE		Various County Wide Contingency		\$10,000.00
<b>VEGETATION MANAGEMENT &amp; DEBRIS REMOVAL TOTAL</b>					<b>\$155,000.00</b>

<b>STREAM MANAGEMENT - SEDIMENT REMOVAL</b>					
JEFFCO (4)	WEST	NEW	LENA GULCH AT ISABELL STREET	CULVERT SEDIMENT REMOVAL	\$25,000.00
	WEST		Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$25,000.00</b>
LAKEWOOD	SOUTHWEST	CONTINUING	DRY GULCH	ANNUAL DEBRIS AND SEDIMENT REMOVAL AS NEEDED	\$5,000.00
JEFFCO (1)	SOUTHWEST	NEW	SJCD (S) CULVERT AT DEPEW ST	CULVERT SEDIMENT REMOVAL	\$20,000.00
JEFFCO (2)	SOUTHWEST	NEW	SJCD (N) DEPEW ST TO SHERIDAN	CHANNEL SEDIMENT REMOVAL	\$66,000.00
JEFFCO (5)	SOUTHWEST	NEW	SJCD (S) TRIB 1 D/S WADSWORTH TO 200 FT WEST	CULVERT SEDIMENT REMOVAL	\$20,000.00
LAKEWOOD(2)	SOUTHWEST	NEW	DRY GULCH - SAULSBURY TO PIERCE ST	CHANNEL SEDIMENT REMOVAL	\$10,000.00
	SOUTHWEST		Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$121,000.00</b>
<b>SEDIMENT REMOVAL TOTAL</b>					<b>\$146,000.00</b>

<b>RESTORATION PROJECTS</b>					
ARVADA (1)	WEST	CONTINUING	LITTLE DRY CREEK - POMONA DR TO CLUB CREST DR	REPAIR ISOLATED EROSION	
					Engineering Construction
ARVADA (2)	WEST	CONTINUING	RALSTON CREEK - CROKE CANAL TO LUPINE WAY	REPAIR EXISTING DRAINAGE FACILITIES	
					Engineering Construction
ARVADA (3)	WEST	CONTINUING	RALSTON CREEK - DAVIS LANE PARK POND	REPAIR EXISTING DRAINAGE FACILITIES	
					Engineering Construction
ARVADA (4)	WEST	CONTINUING	LEYDEN CREEK UPSTREAM OF INDIANA	REPAIR ISOLATED EROSION	
					Engineering Construction
ARVADA (5)	WEST	CONTINUING	RALSTON CREEK - INDIANA ST TO ELDRIDGE ST	REPAIR ISOLATED EROSION	
					Engineering Construction

## Jefferson

JURISDICTION (PRIORITY)	WATERSHED SERVICE AREA	NEW OR CONTINUING PROJECT	PROJECT NAME/PHASE/LOCATION	DESCRIPTION	2019 BUDGET WORK PROGRAM
WHEAT RIDGE (1)	WEST	NEW	CLEAR CREEK - MARSHALL ST., 44TH AVE. & YOUNGFIELD ST.	SCOUR PREVENTION	
				Engineering	
				Construction	\$30,000.00
JEFFCO (6)	WEST	NEW	LENA GULCH AT WESTBLADE	REPAIR ISOLATED EROSION	
				Engineering	\$5,000.00
				Construction	\$330,000.00
WESTMINSTER (1)	WEST	NEW	AIRPORT CREEK - EATON ST TO BIG DRY CREEK	REPAIR ISOLATED EROSION	
				Engineering	\$80,000.00
				Construction	
			Contingency		
<b>WEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$1,425,000.00</b>
LAKEWOOD (1)	SOUTHWEST	CONTINUING	LAKEWOOD GULCH - FENTON STREET EXTENDED	REPAIR ISOLATED EROSION	
				Engineering	
				Construction	\$650,000.00
LAKEWOOD (3)	SOUTHWEST	NEW	LAKEWOOD GULCH AT DAKOTA AVE AND DEVINNY ST	REPAIR ISOLATED EROSION	
				Engineering	\$70,000.00
				Construction	
JEFFCO (3)	SOUTHWEST	NEW	NORTH LILLEY GULCH - FLOWER TO ESTES	REPAIR EXISTING DRAINAGE FACILITIES	
				Engineering	
				Construction	\$30,000.00
			Contingency		
<b>SOUTHWEST WATERSHED SERVICE AREA SUBTOTALS</b>					<b>\$750,000.00</b>
JEFFCO	COUNTY WIDE		Various-County Wide Permitting Assistance & Misc Expenses		
				Ecological Services	\$30,000.00
				Permitting	\$20,000.00
<b>RESTORATION TOTAL</b>					<b>\$2,225,000.00</b>
<b>SUB TOTAL</b>					<b>\$2,526,000.00</b>
<b>CONTINGENCY</b>					<b>\$38,657.00</b>

**2019 WORK PROGRAM TOTAL      \$2,564,657.00**