SOUTHEAST METRO STORMWATER AUTHORITY
acting by and through
SEMSWA WATER ACTIVITY ENTERPRISE

RESOLUTION 26-30
Adoption of Completed Master Plans 2026

WHEREAS, SEMSWA was formed by Intergovernmental Agreement to plan, fund, construct, acquire, operate, and maintain drainage and flood control facilities; and

WHEREAS, Master Plans are defined as Major Drainageway Plans (MDP), Outfall System Plans (OSP), or Flood Hazard Area Delineations Studies (FHAD); and

WHEREAS, SEMSWA has sponsored or co-sponsored Master Plans with Mile High Flood District (MHFD); and

WHEREAS, Master Plans are completed to evaluate a number of factors, including; channel condition and health, floodplain limits, imperviousness, hydrology and hydraulics, detention and water quality; and

WHEREAS, Master Plans results are used to inform design, construction, budgeting, and project rankings as well as to define maximum impervious values and channel work required for development in alignment with stormwater and flood control future land use and criteria; and

WHEREAS, three (3) Master Plans have been completed in the last 18 months including the following:

- Cherry Creek Minor Tributaries MDP was completed March 2025
- SJCD (N), SJCD (S) North Tributary & DFA 6100.5 MDP was completed January 2026
- Willow Creek Tributaries (U/S Englewood Dam) FHAD was completed January 2026; and

WHEREAS, MHFD have approved these MDPs; and

WHEREAS, MHFD and Colorado Water Conservation Board (CWCB) have approved the FHAD.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board adopts the completed Master Plans named above, and as shown in attached Exhibit A and all drainage, flood control and stormwater management infrastructure and practices recommended in said Master Plans shall be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure.

SOUTHEAST METRO STORMWATER AUTHORITY
acting by and through
SEMSWA WATER ACTIVITY ENTERPRISE

Date: September 16, 2026

ATTEST:

_____ _____

Secretary Chairperson

APPROVED AS TO FORM:
Attorney for
Southeast Metro Stormwater Authority

By_____
Edward J. Krisor



Conceptual Design Report

Cherry Creek Minor Tributaries in Arapahoe County

March 2025

Project Sponsors:

MHFD
MILE HIGH FLOOD DISTRICT

Southeast Metro Stormwater Authority

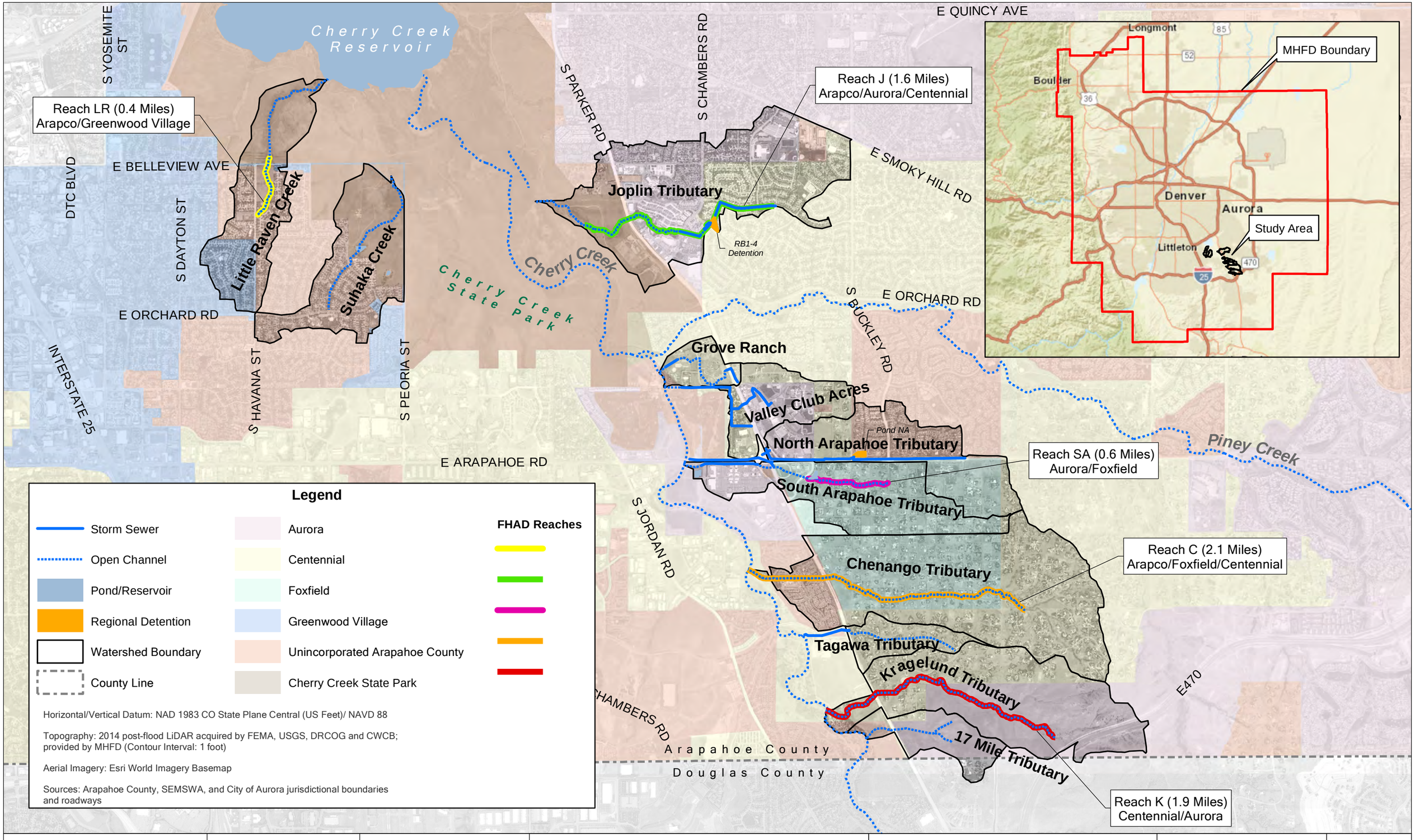
ARAPAHOE COUNTY
COLORADO'S FIRST

AURORA

Prepared by:

Dewberry

8100 East Maplewood Avenue, Suite 150
Greenwood Village, CO 80111



Dewberry	Designed By: HH Drawn By: HH Checked By: KC/DE Date: 08/2021	0 1,500 3,000 Scale in Feet 1 inch = 3,000 feet	MILE HIGH FLOOD DISTRICT, SOUTHEAST METRO STORMWATER AUTHORITY, CITY OF AURORA, AND ARAPAHOE COUNTY	CHERRY CREEK MINOR TRIBUTARIES IN ARAPAHOE COUNTY	PROJECT AREA MAP FIGURE 2-1

MEMO

☐ Overnight
☐ Regular Mail
☐ Hand Delivery
☐ Other: _____

To:	Mr. Dan Hill Mile High Flood District
From:	Don Jacobs, PE Geno Ryken, PE Duke Douglas, EI, GISP
RE:	SJCD MDP - Problems and Proposed Actions Technical Memorandum
Date:	January 30, 2026
Project No.:	023-02267

SJCD MDP – Problems and Proposed Actions Technical Memorandum

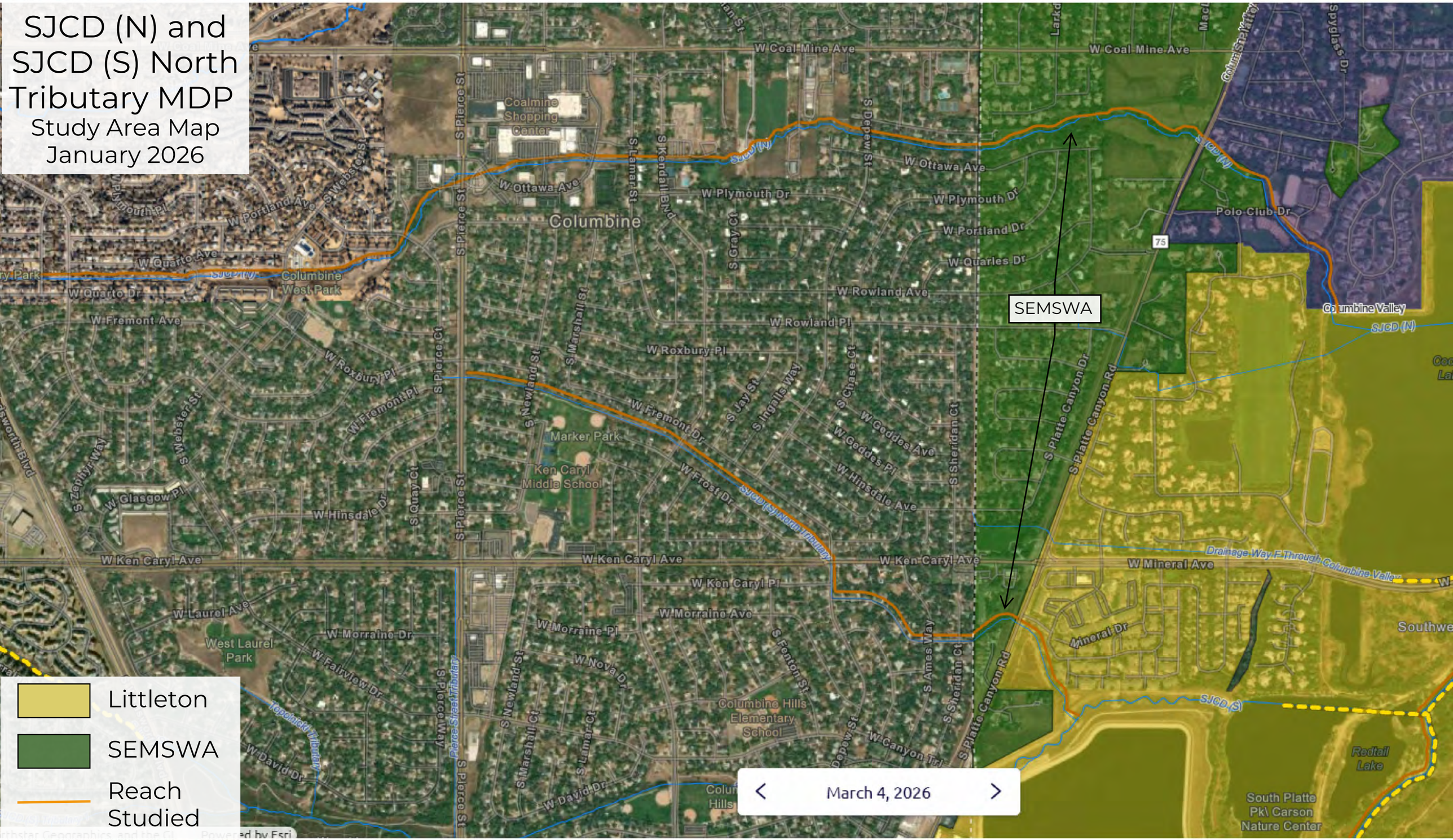
1. Alternative Development Process

The goal of the alternative development process is to identify existing problems within the SJCD watershed and to perform a high-level hydraulic analysis to develop a range of proposed actions which may improve conveyance and channel conditions. These problems include issues such as undersized culvert capacities, erosion or incising potential at certain areas, and grade control structures that may become undermined. During the Alternative Development Process, a high-level, preliminary analysis was performed to determine increased culvert sizes to meet current County and Mile High Flood District (MHFD) drainage criteria, and to provide viable solutions for existing and potential future problems. These problems and proposed actions were gathered from both remote sensing of previous studies and field work performed by Olsson.

SJCD (N) and SJCD (S) North Tributary MDP

Study Area Map

January 2026



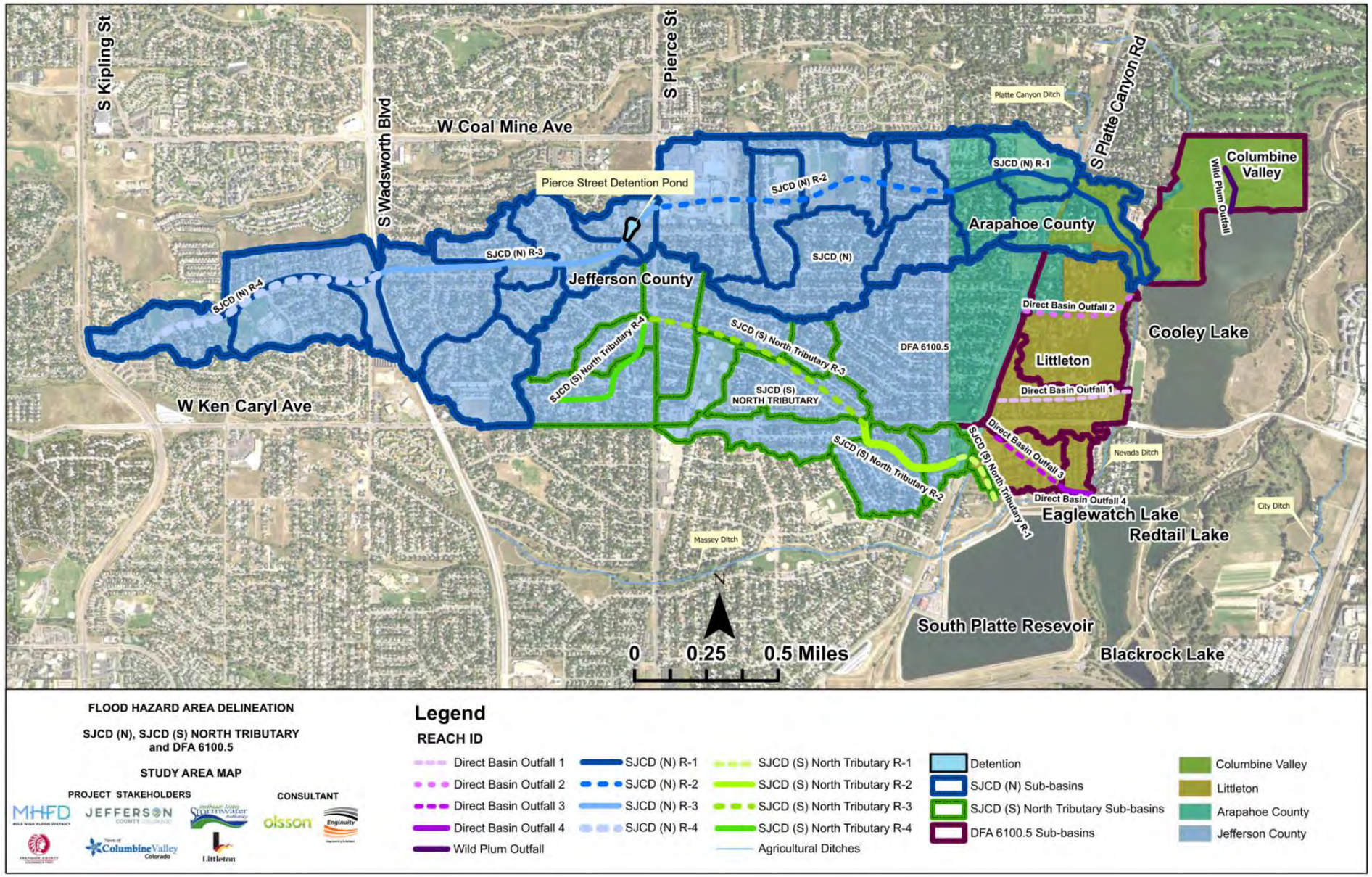


Figure 2: Study Area Map







Flood Hazard Area Delineation
Willow Creek Tributaries Upstream of Englewood Dam
January 2026

7000 South Yosemite Street, Suite 120
Centennial, CO 80112
303-221-0802
www.iconeng.com

ICON ENGINEERING

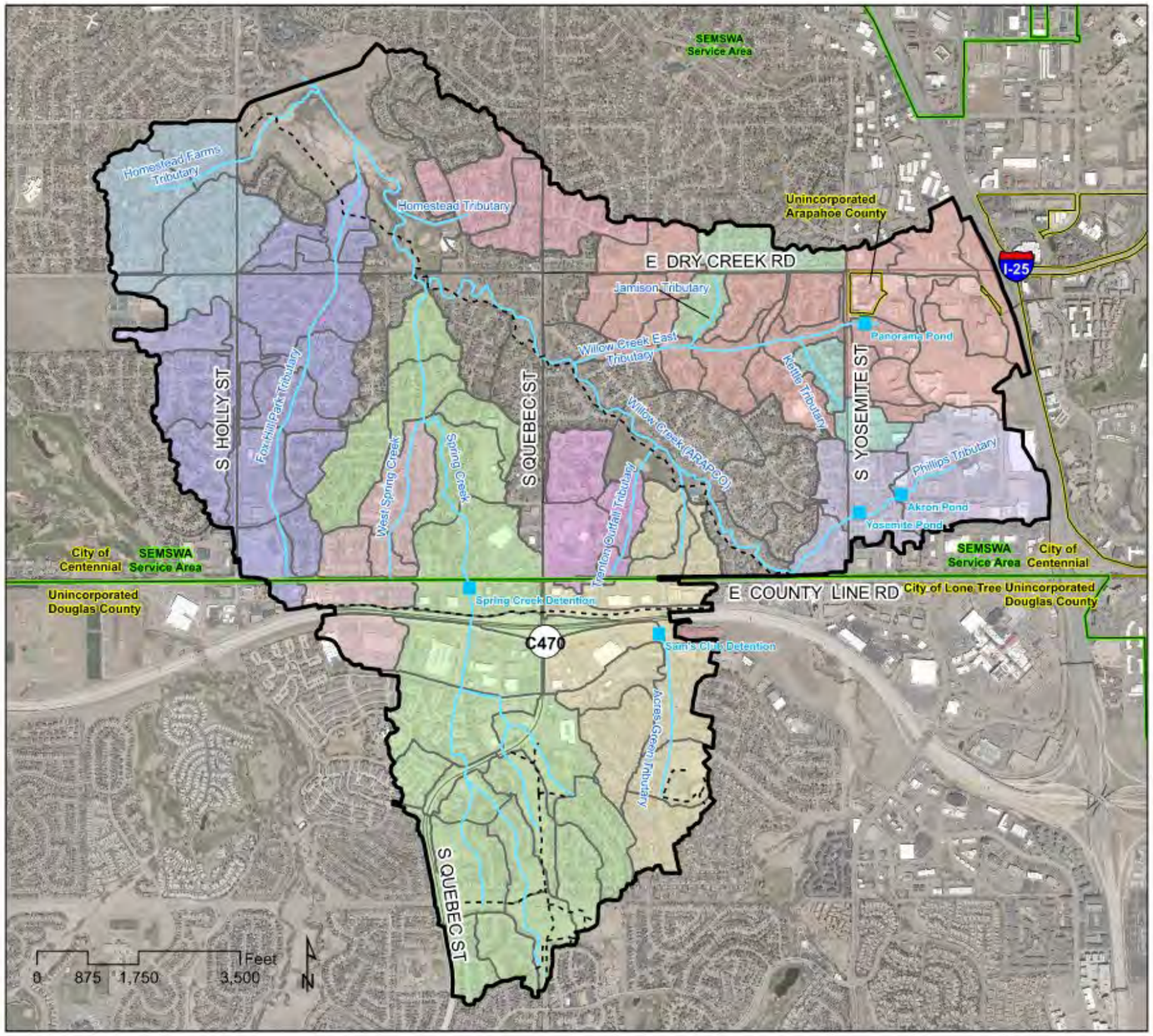
MHFD MILE HIGH FLOOD DISTRICT

Southeast Metro Stormwater Authority

DOUGLAS COUNTY COLORADO

ARAPAHOE COUNTY

Figure 2-3: Watershed Map



Willow Creek Tributaries Upstream of Englewood Dam Major Drainageway Plan

Figure 2-3 - Watershed Map

- Detention Basin
- Drainageway
- Trails
- Major Roads
- Subwatershed
- Study Area
- Political Boundary
- SEMSWA Service Area

Watersheds

- Acres Green Tributary
- Willow Creek Main Stem Direct Flow Areas
- Foxhill Park Tributary
- Homestead Farms Tributary
- Homestead Tributary
- Jamison Tributary
- Kettle Tributary
- Phillips Tributary
- Spring Creek
- Trenton Outfall Tributary
- West Spring Creek
- Willow Creek East Tributary

Southeast Metro Stormwater Authority
MHFD MILE HIGH FLOOD DISTRICT
ICON ENGINEERING