

March 11, 2019

Ms. Nina Ruiz
El Paso County Community Services Department
Planning Division
2880 International Circle, Suite 110
Colorado Springs, CO 80910

Subject: Widefield Water and Sanitation District Drinking Water Mitigation Facility, Floodplain Study

Dear Ms. Ruiz,

AECOM was retained by the United States Army Corp of Engineers (USACE) to perform the design and construction of the Drinking Water Mitigation System (DWMS) for the Widefield Water and Sanitation District, Colorado Springs, Colorado. Please see Project Summary and Construction Drawings for additional project details. The following paragraph provides information on a floodplain analysis that was conducted for the site of the proposed Drinking Water Mitigation Facility (DWMF).

Floodplain Study

The Flood Insurance Study for El Paso County, Colorado (Incorporated Areas), revised December 7, 2018, indicates that the site of the proposed DWMF is located within the 100 year (or 0.1 percent annual chance) floodplain. As part of the project design phase, AECOM conducted a hydrologic and hydraulic analyses to evaluate the floodplain impacts due to the proposed construction of the DWMF on the site. For this analysis, the mapping and hydrology were updated based on best available data. The analysis indicated that the proposed facility, if constructed as currently planned within the vacant lot, would be located outside the boundaries of the 100-year floodplain, but within the boundaries of the 500-year (or 0.2-percent annual chance) floodplain. The report documenting this analysis is currently in draft phase and has been submitted to the USACE for comments and approval.

Sincerely,



Bill Wemmert

Provide the report once completed.

FIRM Panel Number 08041C0951G effective 12/7/2018 shows the entirety of the property within Zone AE.

Any changes to the FIRM may need to go through FEMA as a revision.

According to Executive Order 11988, *Floodplain Management*, Federal agencies must conduct rigorous alternative site evaluations and meet higher design standards before funding, leasing, or building critical facilities in the 0.2-percent-annual-chance flood hazard area.

Drinking water and wastewater treatment plants are considered critical facilities per FEMA.

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2880 International Circle, Suite 110
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Subject: Widefield Water and Sanitation District Drinking Water Mitigation System, Wetlands and
Biological Report

Dear Ms. Ruiz,

AECOM was retained by the United States Army Corp of Engineers (USACE) to perform the design and construction of the Drinking Water Mitigation Systems (DWMS) for the Widefield Water and Sanitation District, Colorado Springs, Colorado. Please see Project Summary and Construction Drawings for additional project details. The following is a summary of the wetland and biological findings for the Widefield DWMS.

Wetland and Biological Findings

The study area is mostly undeveloped land with Siberian elm woodland along Crews Gulch and midgrass prairie in the upland. The proposed pipeline route includes three crossings of Crews Gulch, an intermittent tributary of Fountain Creek. One small wetland was found at the upper crossing of Crews Gulch, within a concrete-lined channel. No raptor nests or other sensitive biological resources were observed. The full biological report has been submitted in draft form to the USACE for comments and approval.

Sincerely,



Bill Wemmert, PE

please provide

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Ms. Nina Ruiz
El Paso County Community Services Department
Planning Division
2880 International Circle, Suite 110
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Subject: Widefield Water and Sanitation District Drinking Water Mitigation System, Cultural Resources Survey

Dear Ms. Ruiz,

AECOM was retained by the United States Army Corp of Engineers (USACE) to perform the design and construction of the Drinking Water Mitigation System (DWMS) for the Widefield Water and Sanitation District, Colorado Springs, Colorado. Please see Project Summary and Construction Drawings for additional project details. The following is a summary of the cultural Resources Survey the Widefield DWMS.

Cultural Resources Survey Findings

Due to the hydrologically active floodplain and alluvial Terrances of Fountain Creek, it was determined there is little archaeological potential for the project site. The full cultural report has been submitted in draft form to the USACE for comments and approval.

Sincerely,



Bill Wemmert, PE