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Colorado Springs, CO 80903
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July 1, 2019

Jeff Rice
El Paso County
Planning and Community Development
2880 International Circle, Suite 110
Colorado Springs, CO 80910

**RE: Sterling Ranch - CSU Wastewater Force Main Submittal
Drainage Memo**

Lift Station should be included in this as I cant not find approval and lift station requires approval see example PPR146 (approved)/ PPR1918 (in review)

Dear Mr. Rice;

Please accept this memorandum for the request to install ~1,770 linear feet of Sanitary Sewer Force Main. The proposed line will be installed approximately 5 feet below the natural grade surface. The line will convey effluent from the Sterling Ranch Lift Station southerly to an existing sanitary sewer line located in the future extension of Cowpoke Road. The purpose of this letter and submittal to El Paso County is for permission to install this utility only, no storm sewer facilities, within this project area, are required to be installed. The proposed line does not cross any drainage ways, or existing roads.

The site is bound on the south by Cowpoke Road (Future), to the north by the Sterling Ranch Lift Station. The line will run west of the lift station on to the adjacent property. The line commences north to south in a permanent 30' wide easement and a 50' wide temporary construction easement. The line is 15' west and parallel to the property line. Construction BMP's shall be installed to prevent erosion or sediment discharge from the project area. Installation of the ~1,770 linear feet of pipe should be completed in 5 days or less. The post construction surface shall be returned to the same grade and condition as before. Seeding and Mulching should occur immediately after the pipe installation is complete.

The project area is presently undeveloped. No development planning for the area surrounding this pipeline has occurred.

Respectfully submitted,

Virgil A. Sanchez

Virgil A. Sanchez, P.E.
M&S Civil Consultants, Inc.