

Appendix B

General Location and Description of Stormwater Management Facilities

A. General Site Description

The Homestead North at Sterling Ranch site is comprised of 42 acres of single family residential lots. The site is located east of Vollmer Road and north of Briargate Parkway. There is one pond associated with the Homestead North at Sterling Ranch development. The pond is located northeast of the intersection of Briargate Parkway and Wheatland Dr.

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B. General Stormwater Management Description

All stormwater is conveyed via swales and conventional reinforced concrete pipe (RCP) to one of three detention basins that provide detention and water quality treatment. Developed runoff is released to Sand Creek at or below historic rates.

C. Stormwater Facilities Site Plan

Inspection or maintenance personnel may utilize the Stormwater Facilities Map located in Appendix F for locating the stormwater facilities within this development.

D. On-Site Stormwater Management Facilities

Volume Reduction Facilities

Residential Site utilizes Level I MDCIA –Impervious surfaces are routed through grass-covered areas.

Storage Facilities (Detention)

Detention for the site is provided in the full spectrum water quality and detention pond. See the Facilities Map located in Appendix F for location of pond.

Water Quality Facilities

Water quality is provided in the the full spectrum ponds.

Source Control Best Management Practices

Residential Site does not include any nonstructural BMPs.