

Appendix B

General Location and Description of Stormwater Management Facilities

A. General Site Description

Insert General Site Description (example below)

Rural Cluster Site A is located in east Arapahoe County west of CR-149 (S Wolf Creek Road) and approximately two miles south of CR-6 (E 6th Avenue). The 300-acre site consists of 25 single-family residential units and a conservation area.

B. General Stormwater Management Description

Insert General Description of stormwater facilities for the site (example below)

All stormwater is naturally conveyed by gravity in a sheet flow to roadside ditches proposed adjacent to roads internal to the cluster. Roadside ditches converge to a grass swale northwest of the site. Flows from the grass swale are conveyed to an on-site extended detention basin that provides additional water quality treatment. Flows from the extended detention basin are discharged to a proposed storm sewer system whose outfall is Wolf Creek.

C. Stormwater Facilities Site Plan

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

D. On-Site Stormwater Management Facilities

List all facilities for each of the types (see examples provided below)

Volume Reduction Facilities

Residential Site A utilizes Level I MDCIA – All impervious surfaces are routed over grass buffer strips before reaching the stormwater conveyance system.

Storage Facilities (Detention)

Detention for Rural Cluster Site A is provided in the on-site extended detention basin, located at the northwest edge of the site.

Water Quality Facilities

Rural Cluster Site A utilizes grass swales and an extended detention basin for providing water quality capture volume for the site.

Source Control Best Management Practices

Rural Cluster Site A does not include any nonstructural BMPs.