

Introduction

This document describes changes made to the Draft Anchorage Stormwater Manual (ASM) since the Planning and Zoning Commission voted on the document on February 13, 2017. These changes were made in response to additional comments received from MOA staff and to correct errors or discrepancies found in the document.

Changes from the November 2016 Draft to the July 2017 Draft

- Globally, “Chapters” within the ASM Volumes 1 and 2 were changed to “Sections.” This change was requested to avoid confusion because the entire document is Chapter 2 of the MOA Design Criteria Manual.
- The following paragraph was added to Section 1.1 in response to concerns received from MOA Private Development regarding non-binding language.

The overall goals of this criteria manual are to provide safe, adequate drainage without adverse impacts to others and to provide water quality treatment for stormwater water runoff to the maximum extent practicable. In some cases, the language in this manual is discretionary to provide flexibility in meeting these goals. However, the MOA reserves the right to enforce all criteria as prescriptive when the MOA determines that this is in its best interest and better supports the above-described goals.

- The following policy was added to Chapter 1 (Section 1.5) in response to concerns from Private Development regarding allowing new developments to manage stormwater onsite and not connect to public drainage systems:

If drainage is managed on-site, it must be demonstrated that on-site systems are adequate for site conditions both now and throughout the system’s life expectancy with no adverse impacts to the site or to adjacent properties.

- The detention and peak flow control section (Section 3.3.2.4) was modified to allow a 5% increase in the 100-year peak flow under Option 2.
- The language in section 3.3.2.8 was modified slightly to clarify that submittal of both a preliminary and a final stormwater management report is only required for projects that require submittal of a report and have both a preliminary and final review, such as plat applications. This section was also updated to reflect that preliminary stormwater management reports should be submitted to Private Development within Development Services.
- The separation distances between stormwater facilities and wastewater, gas, and electric lines (listed in Section 6.2) was removed. Upon further consideration, this section was determined to be unnecessary.
- A note was added to Section 3.3.2.7 and to the Drainage Certification Form (Appendix A) explaining that a draft Operation and Maintenance Agreement can be submitted for projects that will receive a CCO. A final agreement is required prior to issuance of the CCO.

Draft Anchorage Stormwater Manual (Design Criteria Manual Chapter 2)
Summary of Changes since P&Z Review

- The discussion of the USGS Regression Equations in Section 4.5.4 was updated to reflect changed methodology from USGS that was released in early 2016.
- The design rainfall distribution in Section 4.2.4 and Appendix D were updated from the standard Type 1 distribution to a distribution developed based on Anchorage rainfall data and one for Girdwood based on Alyeska rainfall data. Girdwood's distribution is a draft that will be finalized in the coming weeks.
- Conveyance criteria for non-regulated streams was reduced from the 50-year event to the 25-year event.
- Miscellaneous typos and insignificant errors were corrected.