

# Appendix I: High Priority Concept Plans

## Introduction

In evaluating the highest ranked BMP opportunities from within the list of recommended BMPs in Appendix H, the City chose locations to be further developed into high priority concept plans. These high priority concept plans support future implementation of highly ranked projects in accordance with SWIP objective 3.2 (see main SWIP document).

## High Priority Concept Plans

Locations where high priority concept plans were identified by the City are listed in Table 14 of the SWIP document.

1. Three (3) high priority concept plans were identified prior to the SWIP development (Mountain View Drive Stream Restoration, North End Greenway Trail & Stream Restoration, and East Market Street Regenerative Stormwater Conveyance Channel). In each case, additional information about these BMP projects are available under separate cover, so they are not included in Appendix I.
2. Five (5) high priority plans were identified as part of the SWIP development (BMPs near EMU/VMRC and at Thomas Harrison Middle School). In each case, additional information about these BMP projects are shown on the attached concept plans, including:
  - a. Project names and watershed characteristics from the SWIP excel workbook including TN, TP and TSS removal goals.
  - b. Additional calculated TN and TP removal goals based on the Virginia Runoff Reduction Method (VRRM) for comparison to the bay program pollutant reduction goals in the SWIP.
  - c. The total cost for design and construction based on a conceptual plan and preliminary cost estimate for each BMP (instead of the bay program adaptation). Cost per pound of TN and TP removals are also based on this refined cost estimate.

## Additional High Priority Concept Plans

Three (3) additional high priority projects have been identified by the City as part of this SWIP development process, however they do not have an associated high priority concept plan at this time. They include:

- a. Harrisonburg Public Utilities Wet Pond
- b. Heritage Oaks Golf Course Pond
- c. Keister Elementary School Stream Restoration

Conceptual plans for these may be added to this SWIP appendix later, or developed outside of the SWIP report writing. Additional high priority project needs in future permit cycles can also be developed using a similar format to Appendix I.