

Appendix F:

Field Investigations of BMP Opportunities

Introduction

Once BMP opportunities were identified for inclusion in the SWIP, the study team conducted site assessments for several weeks to help evaluate each BMP opportunity in accordance with SWIP objective 1.2 (see main SWIP document).

BMP Sites

An inspection form was developed for use at all identified BMP sites in the SWIP, with criteria informing the ranking criteria being used for the SWIP. The inspection forms were used for new BMP sites and existing BMP retrofit sites. At each site, the following was documented:

- Hand written notes were documented on the form.
- GIS maps of the site and contributing drainage area were marked with field notes.
- Digital photographs were taken.

Urban Stream Restoration

For urban stream restoration projects, stream rapid assessment protocols were utilized during a stream walk of each impaired stream reach, and the following was documented:

- Scoring was noted on Riparian Corridor Assessment Field Data Sheets.
- Scoring was input into an Excel Workbook for a summary of assessment results.
- GIS maps of the site were marked with field notes.
- Digital photographs were taken.

The resulting field data notes and documentation for each BMP site are too large to be included as an appendix item, but an example is included. The remainder of the inspection information can be located at Public Works. Also included in this SWIP appendix is the City's notification letter for the fieldwork involved in these BMP evaluations since both public and private properties were involved and an example of the Riparian Corridor Assessment Field Data Sheets used in urban stream restoration assessment.