

Parcels With Stormwater Retrofits

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1.0 Introduction

1.1 Description

The Parcels with Stormwater Retrofits TMDL PM tracks the number of developed parcels on property belonging to large, public landowners in the Forested Uplands that are retrofitted with best management practices (BMPs) that emphasize removal of fine sediment particles and nutrients. Retrofitted parcels are facilities such as trailheads, visitor centers and administrative buildings on which stormwater BMPs have been placed. To qualify, all parcels and facilities must have appropriate operations and maintenance plans. Installing and maintaining BMPs, reduces pollutant loads and benefits the clarity of Lake Tahoe.

1.2 Relevance to the Lake Tahoe TMDL

Administrative and recreation facilities are impervious facilities owned and operated by Forested Uplands implementers. Impervious surfaces are the single greatest contributor of fine sediment to the lake, but paved administrative and recreational facilities within the Forested Uplands represent a very small percentage of the total paved area in the basin, and are not estimated to contribute significantly to pollutant loading in the Forested Uplands source category. However, because the existing EIP PM, Parcels with Stormwater Retrofits, already tracks the number of facilities retrofitted with stormwater BMPs on property belonging to large, public landowners – this PM is included for TMDL reporting purposes.

1.3 EIP Reporting Relationship

The following EIP PMs track and report a similar set of data:

- Parcels With Stormwater Retrofits

2.0 Reporting Criteria

2.1 Subcategories

Performance measures are broken down into subcategories to allow for data aggregation and greater reporting detail. Subcategory names are shown in **bold**, followed by the options that can be selected for the subcategory and a brief description

Parcel Ownership

USFS LTBMU, CA Tahoe Conservancy, CA State Parks, NV State Lands, Heavenly, Homewood, Diamond Peak, Urban Jurisdictions

This subcategory differentiates between parcel ownership in the Forested Uplands to allow separate tracking of efforts from different land owners. The above list is not comprehensive.

2.2 Data Attributes

In addition to the subcategories described above, the following project-level data attributes are needed to support the reporting of TMDL PM accomplishments

- Project Name
- Project Description
- Project Status
- Project Contact/Lead
- Implementing Partners
- Project Location (subwatershed, county, GPS coordinates – if available)

3.0 Key Definitions

Public Facility - Public facilities include parking lots, trailheads and buildings that are on land owned by public agencies such as California Tahoe Conservancy, state parks and the USFS-LTBMU. Public facilities should be distinguished from large parcels of land, such as an entire campground.

Parcel Retrofit - A retrofit refers to a stormwater BMP installed on a public facility to control erosion and infiltrate stormwater before it leaves the property. BMP retrofits may range from simple gravel infiltration trenches under roof driplines to paving dirt driveways and stabilizing steep slopes. Erosion control projects on large contiguous parcels, should not be tracked as retrofits under this TMDL PM. For example, mulching 10 acres of land on the edge of campground should not be considered a public facility retrofit. However, paving a campsite parking space or installing filtration strips at several campsites would be considered a retrofit.

4.0 Reporting Display

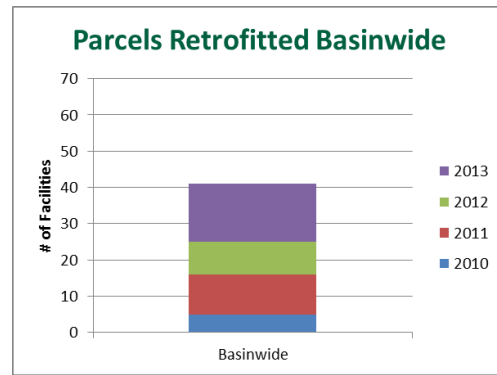
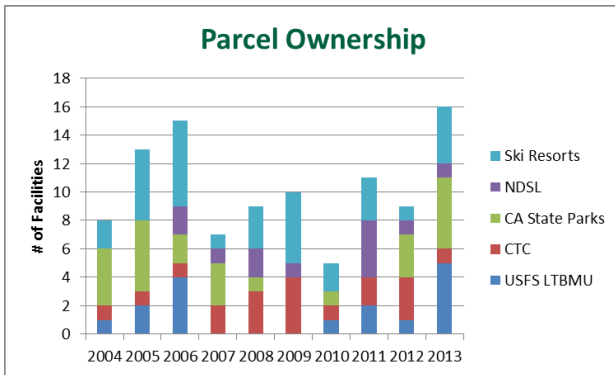
4.1 Targets

Soft targets are used to display TMDL PM results. Soft targets are incorporated into data charts as a performance range on the y-axis. Soft targets can be defined for annual or longer term performance

There are no defined basin-wide targets for the Parcels With Stormwater Retrofits TMDL PM

4.2 Potential Data Charts

The charts below are potential displays for the Parcels with Stormwater Retrofits TMDL PM. These charts enable a comparison of different land ownership, as well as an understanding of the trend in Parcels with Stormwater Retrofits over time. **Data in the charts below are hypothetical.**



5.0 Notes

This section contains additional information that would be useful to TMDL Program Managers or project implementers

- California State Parks tracks stormwater retrofits through a different program from other actions they implement in the Forested Uplands. Parcels are referred to as Front Range actions, and data is primarily gathered and reported by maintenance crew staff. CA State Parks staff are concerned with the accuracy of some of the data reported.