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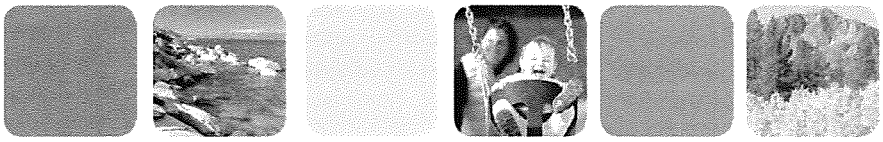
BMP Action Plan

TRPA Governing Board

February 25, 2015



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Governing Board Priority Setting

2013

Create a subcommittee of the TRPA Governing Board, along with interested parties, explore options related to BMP compliance.

2014

Guide TRPA's efforts and limited resources to the most effective stormwater management strategies.

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Presentation Outline

- Overview of Lake Tahoe's Stormwater Management Program
- Process & Schedule to Date
- Recommended Actions
- Requested Board Acceptance of BMP Action Plan with modifications

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STORMWATER MANAGEMENT

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What are BMPs?

Best Management Practices

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Why are BMPs important?

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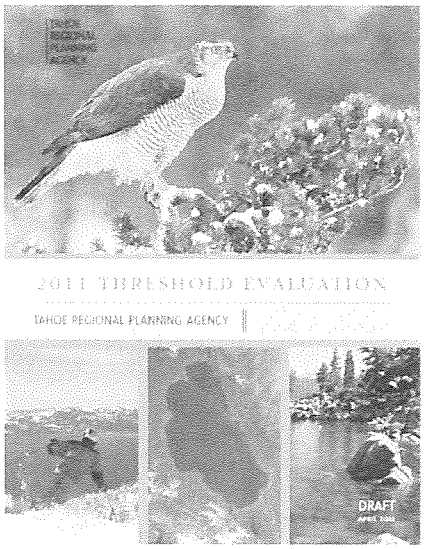
Environmental Threshold Attainment

- Water Quality
- Stream Environment Zone Restoration/Coverage
- Transportation (Air Quality and Noise)
- Scenic Quality (Developed Areas)



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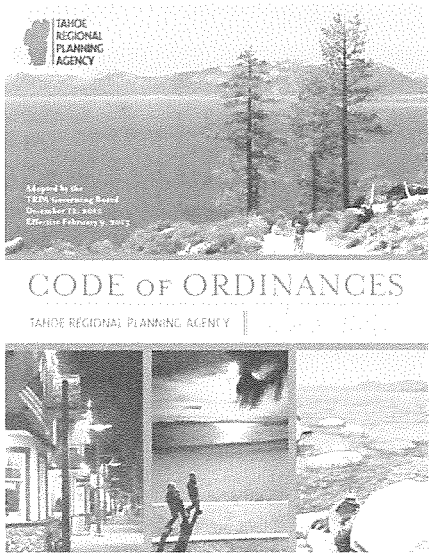
TRPA Code Of Ordinances



- BMPs required on all public and private lands
- BMP installation a condition of project approval
- BMP Retrofit Program
- BMP Certificate

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Lake Tahoe Environmental Improvement Program (EIP)

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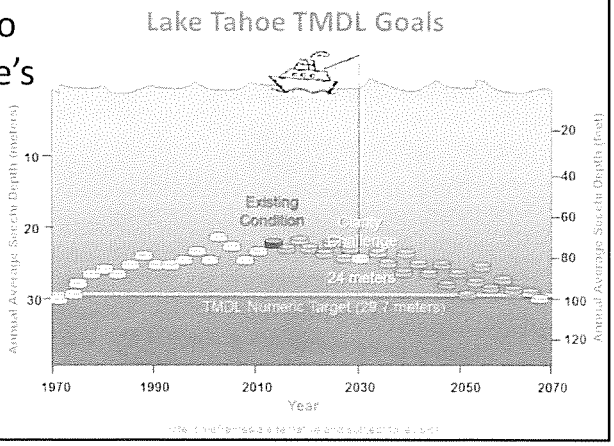
Total Maximum Daily Load (TMDL)

- Clean Water Act
- Water Quality Restoration Plan to restore Lake Tahoe's clarity
- TRPA to play a supportive role



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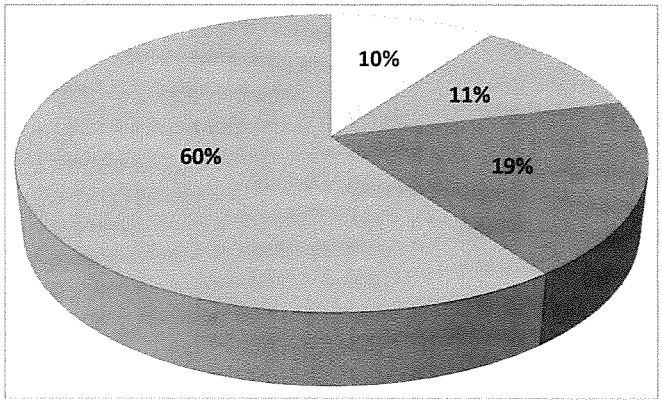
Annual Urban Upland Sediment Loading by Land Use



Source: Lake Tahoe TMDL Technical Report, June 2010, Source Analysis, page 4-77

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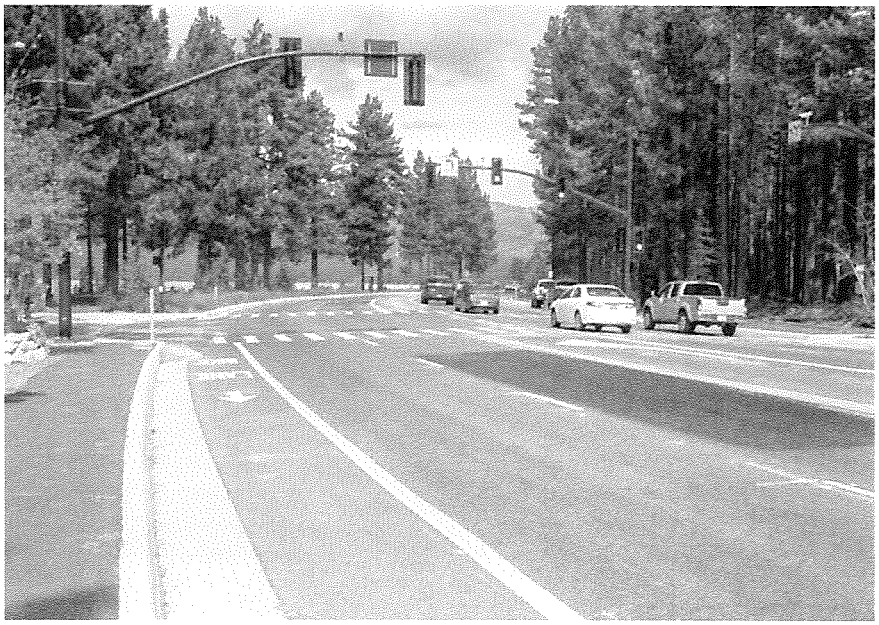
Roadways



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Parcel Scale BMPs

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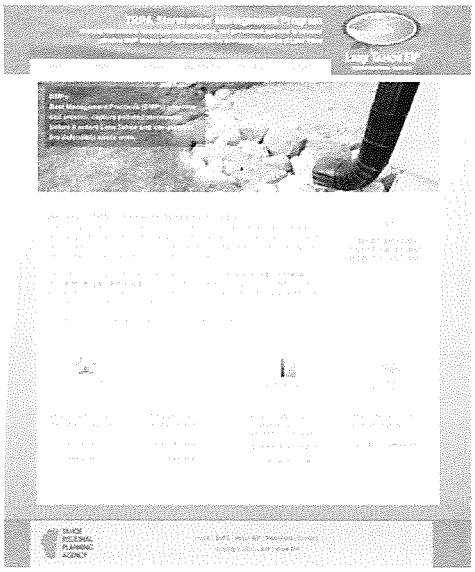
TRPA Stormwater Management Program



- Administers BMP Retrofit Program
- Historic focus on voluntary compliance
- Permitting & Technical Assistance
- Educational resources
- Training for contractors & jurisdictional partners

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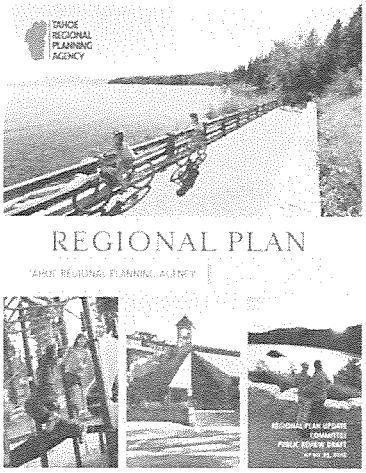
Efforts to Accelerate BMP Compliance

- Coverage exemptions
- Incentives for Environmental Redevelopment
- Real Estate Transactions



BMP Compliance Working Group	
California TRPA Governing Board Co-chair	**Clem Shute**
Nevada TRPA Governing Board Co-chair	**Shelly Aldean**
California State Representative	**Dan Siegel**
Nevada State Representative	**Jason Kuchnicki**
California Local Government Representative	**Jason Burke**
Nevada Local Government Representative	**Jason Brand**
Business Community Representative	**Sara J. Ellis**
Environmental Community Representative	**Shannon Eckmeyer**
Technical Expert	**William Loftis**

BMP Compliance Options Priority Project Schedule	
January 29, 2014	**RPIC** endorsed process, schedule and working group members
March 12, 2014	**BMP Compliance Working Group meeting #1** Conceptual approach
May 28, 2014	**RPIC** review of conceptual approach
May – July, 2014	Staff research of data needs and development of preliminary recommendations for discussion topics; Coordination with the EIP Parcel BMP Working Group
July 8, 2014	**BMP Compliance Working Group meetings #2**
July -August 2014	Consolidated final recommendations into the BMP Action Plan
August 20, 2014	**BMP Compliance Working Group meeting #3** BMP Action Plan endorsed with modifications
October 8, 2014	**Advisory Planning Commission** Endorsed BMP Action Plan with modification
February 25, 2014	**TRPA Governing Board** Review and possible acceptance of BMP Action Plan with modifications

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BMP Action Plan Discussion Topics

1. **Real Estate disclosure**
2. **Point-of-sale**
3. **Forfeited securities**
4. **Compliance options**
5. **Load Reduction Plans**
6. **Area-wide BMPs**
7. **Incentives/subsidies**
8. **BMP maintenance**
9. **Additional topics of interest**

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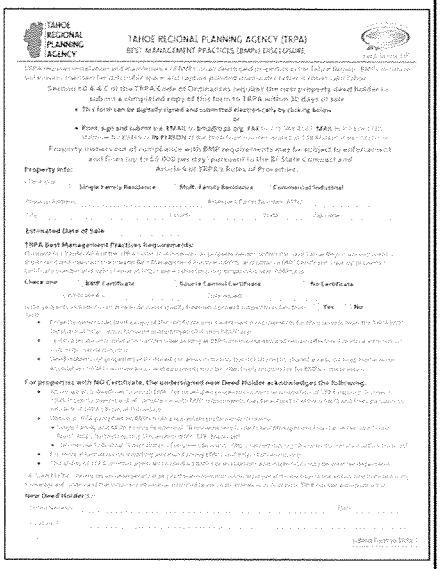
Real Estate Transaction BMP Requirements

Recommended Actions:

1.1 Enhance BMP Real Estate Disclosure form

2.1 Robust disclosure process & BMP education at the point-of-sale

2.2 BMP compliance efforts to support the TMDL


TAHOE REGIONAL PLANNING AGENCY (TRPA)
BEST MANAGEMENT PRACTICES (BMPs) DISCLOSURE

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Additional Efforts to Accelerate BMP Compliance

Recommended Actions:

3.1 Legal Committee review of Code amendments on use of forfeited securities.

4.1 Legal Committee review of Rules of Procedure amendments to record a notice of non-compliance

4.2 Enforcement tracking and reporting

5.1 Update the 2009 TRPA Enforcement Strategy

5.2 Charter and Strategic Plan for the EIP Parcel BMP Working Group

5.3 BMP Compliance Tracking and Reporting

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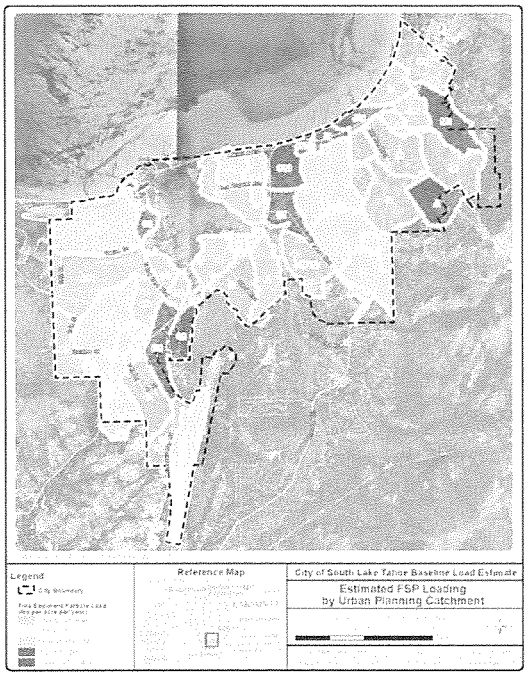

Figure 4 - Estimated FSP Loading by Urban Planning Catchment (Caltrans Not Included)

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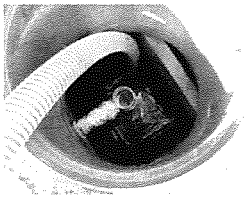
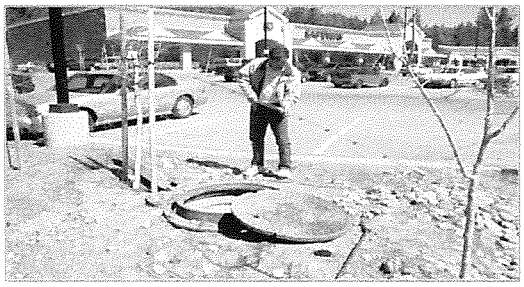
BMP Inspection & Maintenance





Recommended Actions

8.1 Update BMP Handbook to reflect TMDL Lake Clarity Crediting Program

8.2 BMP maintenance requirements through permit conditions

8.3 Program refinements through the Regional Plan adaptive management process

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BMP Incentives

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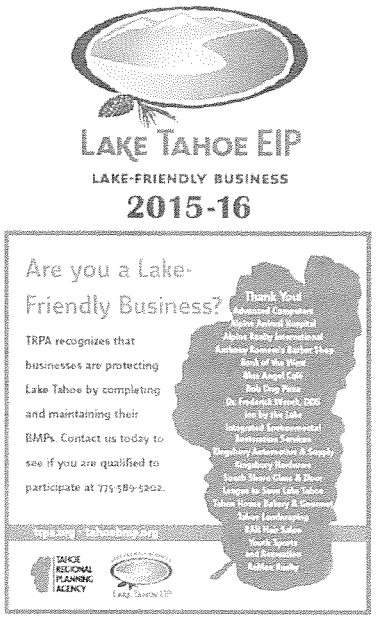
<u>Recommended Actions</u>

7.1 Evaluate BMP incentives during Regional Plan updates

7.2 Seek grants for additional incentive programs

7.3 Partner to leverage outreach



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Area-Wide Water Quality Treatment Projects

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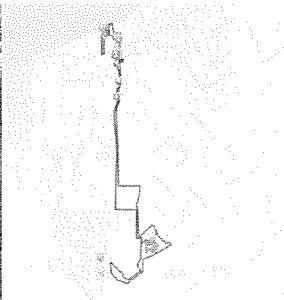

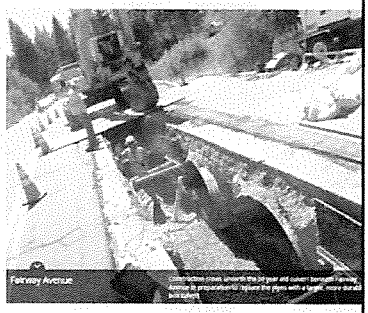

<u>Recommended Actions</u>

6.1 Incorporate area-wide treatment opportunities into Area Plans

6.2 Report BMP certificates from area-wide treatment

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Additional Topics of Interest

Marinas, Hydrologic Connectivity, BMPs on Vacant Lots, Subsurface Contamination

Recommended Actions

9.1 Certify marinas in compliance NPDES

9.2 Accelerate efforts to address non-compliant marinas

9.3 Focus on greatest pollutant load reduction while minimizing risk of subsurface contamination

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Proposed Modifications to the BMP Action since October

1. Non-substantive technical corrections
2. Consistent terminology
3. Work completed since October
4. New parcel BMP maintenance verification process

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Requested Governing Board Action

Accept the BMP Action Plan with modifications or identify the necessary revisions in order to accept it.