

# Commercial and Multi-family BMPs: Maintenance



Tahoe Regional Planning Agency

Sarah Jones

# Chapter 60.4.9 of TRPA's Code of Ordinances:

## Maintenance of BMPs

- BMPs shall be maintained to ensure their continued effectiveness



## Certificate of Completion

### Lake Tahoe Best Management Practices



This Certificate recognizes your outstanding contribution to restore and protect Lake Tahoe by completing erosion control Best Management Practices (BMPs) pursuant to §60.4 of the Tahoe Regional Planning Agency Code of Ordinances.

These water quality improvements are required for the purpose of controlling erosion and stormwater runoff as well as protecting the natural resources of the Lake Tahoe Region. This certificate is transferable to all successors and assigns, and remains valid provided BMPs are maintained and continue to be effective.

\_\_\_\_\_  
Certificate Number

\_\_\_\_\_  
Assessor's Parcel Number

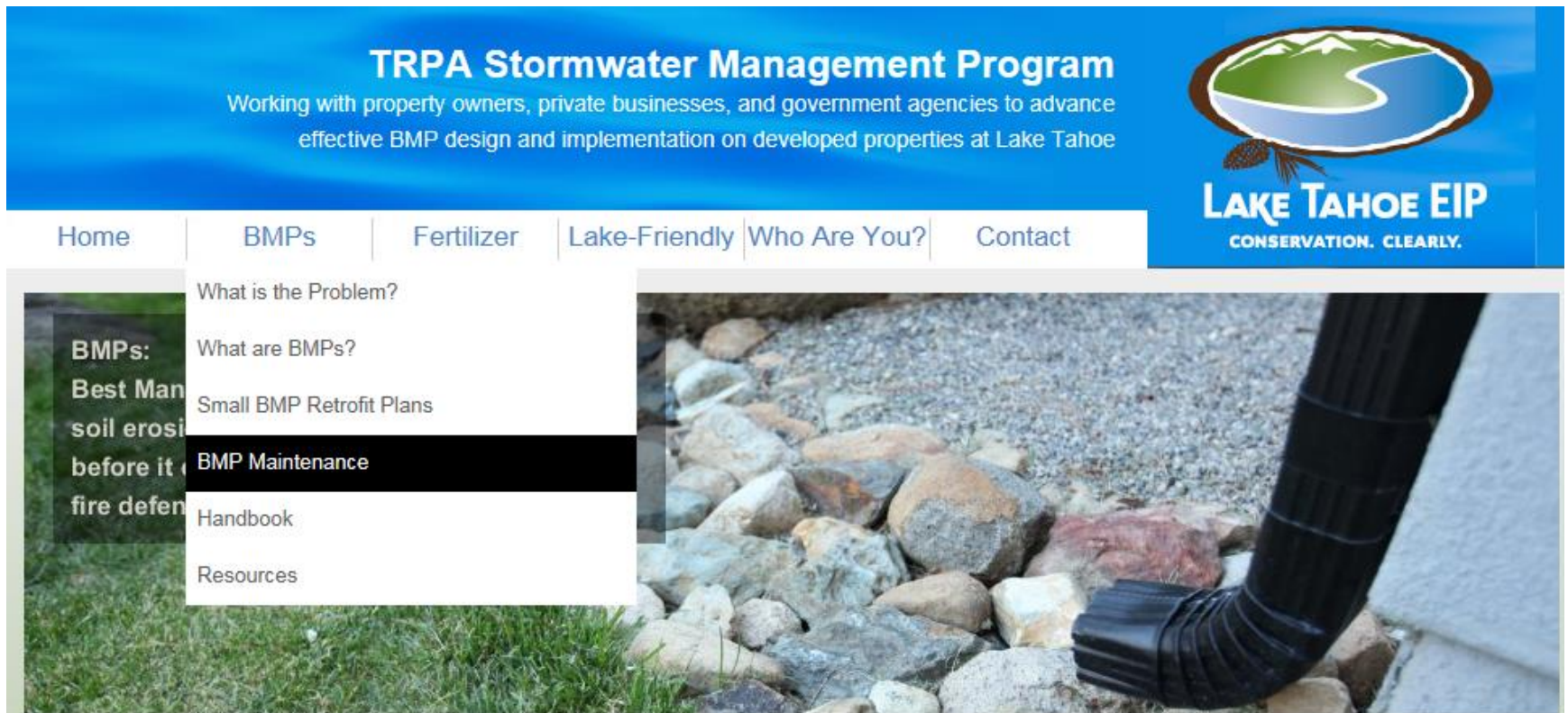
# Letters have been mailed




- Commercial/multi-family parcels in high priority watersheds in coordination with county jurisdictions
- For certificates over 5 years old
- Property Managers are contacted
- Once maintenance is verified, a BMP certificate with the current date is issued, which helps jurisdictions reach their TMDL requirements

# New tabs added to [www.tahoebmp.org](http://www.tahoebmp.org)

## How do we verify maintenance?




**TRPA Stormwater Management Program**  
Working with property owners, private businesses, and government agencies to advance effective BMP design and implementation on developed properties at Lake Tahoe



**LAKE TAHOE EIP**  
CONSERVATION. CLEARLY.

Home | **BMPs** | Fertilizer | Lake-Friendly | Who Are You? | Contact

- What is the Problem?
- What are BMPs?
- Small BMP Retrofit Plans
- BMP Maintenance**
- Handbook
- Resources



**BMPs:**  
Best Man  
soil erosi  
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fire defen

# New Resources



BMP  
HANDBOOK



BMP  
RESOURCES

## Common BMP Maintenance

### Soil Stabilization

Bare Soil Protection

Bare Soil Protection (video)

Parking Barriers

Parking, Dumpsters, Hazmat

(video)

Snow Storage

Snow Storage (video)

### Capture and Conveyance

Slotted Channel Drain

Subsurface Drain

Rock-lined and Vegetated Swales

Drain Inlet

Driveway Conveyances (video)

### Pretreatment

Trash Rack

Sediment Trap

Baffled Vault

### Infiltration

Pervious Pavement

Sweeping and Pervious Pavement

(video)

Infiltration Trench

Infiltration Systems (video)

Infiltration Basin

Open Systems (video)

Subsurface Infiltration System

Subsurface Infiltration (video)

For BMPs not listed here, visit Ch. 4  
of the BMP Handbook

### BMP Maintenance Log

[BMP Maintenance Log Template](#)

[BMP Maintenance Log Example](#)

### BMP Maintenance and Monitoring Resources

[Small Residential Checklist](#)

[Projects over 1 acre](#)

[Projects over 5 acres](#)

For more resources see [Ch 6 of the BMP Handbook](#)

If you have maintenance documentation to submit e.g  
photographs, invoices, maintenance logs, or other  
documentation, please email [bmp@trpa.org](mailto:bmp@trpa.org)

# Customizable, easy to use new BMP Inspection and Maintenance Log



## BMP Inspection and Maintenance Log

BMP inspection and maintenance is necessary to ensure BMPs are functioning properly. Once inspection and maintenance is completed submit this form and documentation to TRPA and the BMP certificate(s) associated with the property will be updated with a new date.  
Email to [bmp@trpa.org](mailto:bmp@trpa.org), fax to 775-588-4527, or mail to PO Box 5310 Stateline NV 89449



APN:		Name:	
Property Address:		Contact Info (phone/email):	
Land Use:		Date:	
Site Description:			

Refer to [TahoeBMP.org](http://TahoeBMP.org) and the [BMP Handbook](#) for additional information.

BMPs listed include the chapter number from the TRPA BMP Handbook. Using the Log Number note the location for all BMPs on the accompanying site plan. Documentation for contracted services should be noted and submitted with this inspection log. Note corrective maintenance actions for any items marked "No" in the Documentation/Corrective Action column. Use the "Other" field at the end of the log to complete any Corrective Action information that does not fit into the Documentation/Corrective Action column.



# Maintenance log

■ 4. Drop Inlet (Drain Inlet) - Chapter 4.3-e			
Location 4a-4j	Yes	No	Documentation / Corrective Action
Is the drop inlet structurally intact and properly capturing and conveying stormwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All drop inlets inspected after precipitation events and are properly conveying storm water.
Is the system clear of trash and debris? (Inlet, outlet & within structure)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has accumulated sediment from upslope contributing sources been cleared?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is standing water properly infiltrating/evaporating 96 hours after storm events?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

■ 5. Drop Inlet Insert (Drain Inlet Insert) - Chapter 4.4-d			
Location 4b	Yes	No	Documentation / Corrective Action
Is the insert in place?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the insert appear to be functioning properly? (Refer to manufacturer's instructions.) If "No", then state when the system is next scheduled for maintenance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The insert will be inspected annually (by the manufacturer in Spring 2015) and filters will be replaced if necessary.

■ 6. Slotted Channel Drain - Chapter 4.3-g			
Note: Some drains that do not have removable grates will require service by a vector truck to restore function.			
Location 6a, 6b	Yes	No	Documentation / Corrective Action
Is the drain structurally intact and properly capturing and conveying stormwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the drain clear of trash and debris?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drains cleared in March 2015.
Has accumulated sediment from upslope contributing sources been	<input type="checkbox"/>	<input type="checkbox"/>	



# Submit online or by mail

**Declaration:**

I hereby declare under penalty of perjury that all information submitted as part of this BMP Inspection and Maintenance Log is true and accurate to the best of my knowledge. I understand that should any information submitted be inaccurate, erroneous, or incomplete, TRPA may take appropriate action.

Signature

Submit to TRPA by Email

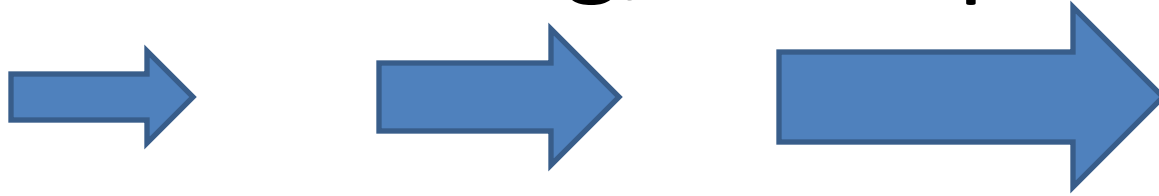
# Download



- You can download the log template to a tablet or phone and use in the field
- Use as an inspection tool and create a log in real time

Send to us first for approval - include site plan!

# Current Planning/other permits



- All TRPA commercial/multi-family permits will now include requirements for BMP inspection/maintenance logs
- Planner will also request to have all existing BMPs on site noted on plans, not just in the area being improved/permitted



[www.tahoebmp.org](http://www.tahoebmp.org)

THE source for all things BMP in Tahoe!