

ATTACHMENT I

FORENSIC MONITORING FORM

Conditional Waiver of Waste Discharge Requirements from Waste Discharges Resulting from
Timber Harvest and Vegetation Management Activities in the Lahontan Region

Categories 5 and 6

This form and associated monitoring must be completed soon after any Significant Rain Event (sufficient to cause runoff within the Activity Area) occurring during Activities while ground-based equipment is onsite, and must be made available for review upon notice by Water Board staff and submitted annually to Water Board by July 15

All materials submitted electronically must be sent to lahontan@waterboards.ca.gov

Forensic Monitoring: is visual monitoring of Waterbodies and Waterbody Buffer Zones to identify evidence of sediment discharge and/or locate sources of sediment delivery (or potential delivery) to a Waterbody so that corrective actions may be taken to prevent or reduce sediment discharges to waterbodies. Forensic Monitoring supports protection of the quality of waters of the state via real-time evaluation of the effectiveness of water quality management measures within the Activity Area. Forensic monitoring must be conducted soon after Significant Rain Events and consists of visual monitoring of effective management measures and documentation of corrective actions implemented to support water quality and 2024 Timber Waiver compliance. Specific areas subject to forensic monitoring are:

- Waterbodies
- Watercourse Crossings
- Landings
- burned areas
- Unstable Areas
- Temporary and Permanent Roads
- Waterbody Buffer Zones
- Skid Trails

The purpose of this monitoring is to:

- (1) detect elevated turbidity levels in surface waters, and locate sources of sediment discharge,
- (2) determine the condition of installed management measures and document effective management measures,
- (3) detect failure to implement necessary management measures and implement corrective action,
- (4) detect water quality impacts caused by failed management measures,
- (5) detect water quality impacts related to Activities, and
- (6) identify sources of potential sediment delivery in a timely manner so that corrective action may be taken to avoid sediment discharges to water bodies.

This monitoring must be conducted during Active Operations (during periods when equipment and/or personnel are present in the Activity Area) after any rain event which causes runoff. Completed reports must be made available for review at the request of the Water Board and submitted to the Water Board on July 15 for the duration of Activities and until coverage under the 2024 Timber Waiver is terminated in writing by Water Board staff. This form or report containing equivalent information must be completed and signed.

Activity Name¹:

WDID Number:

Yes	No
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Have Significant Rain Events occurred during Activities?

If **yes**, please complete this form and associated monitoring.

If **no**, provide anticipated dates for to beginning and end of operations (if known).

If no significant rain events occurred during operations, you are not required to complete the remainder of this form, please sign the landowner signature box at the bottom of page six and submit to the Water Board by July 15th.

¹ Include operationally discrete Unit ID identified in project application if applicable.

Inspection Form

Within 36 hours of a Significant Rain Event, inspect accessible areas within the Activity Area and Waterbodies immediately downstream of Activity Area and complete the following:

1. **Inspector's name and title:**

2. **Date of inspection:**

3. **Weather Observations and Precipitation Levels:**

(Some of this information may be obtained at the following webpage: <http://water.weather.gov/>)

Stream Stage (select one):	<input type="checkbox"/> Dry	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input type="checkbox"/> High	<input type="checkbox"/> Flooding
Precipitation (select one):	<input type="checkbox"/> None	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Rain	<input type="checkbox"/> Rain on Snow	
Date of and approximate amount of last precipitation:	(This information may be obtained at the following webpage: http://water.weather.gov/)				
Accumulated precipitation this season:	_____ inches of	<input type="checkbox"/> Rain	<input type="checkbox"/> Snow	(This information may be obtained at the following webpage: http://water.weather.gov/)	
Additional notes on weather and precipitation:					

Inspect all the following areas and infrastructure within the Activity Area if accessible.

Use the space following each area listed below to indicate whether such areas exist within the activity area, if they were inspected, if they were not accessible for inspection, and if evidence of erosion or delivery to a waterbody are observed.

Look for signs of erosion and transport of sediment to a waterbody. These signs may include:

- Landsliding or slumping
- erosion voids
- tension cracking or settling of road fill or sidecast
- rilling or gulying of road surfaces, road fills, landings, cutbanks, etc.
- increased levels of sediment/turbidity in waterbodies immediately downstream of operations

If evidence of sediment erosion and delivery to a waterbody are observed:

- Identify the Waterbody and describe specific locations within or adjacent to the Waterbody.
- Photograph the source of sediment and point of delivery to the Waterbody and record the location using the Photo-Point Monitoring Form (Attachment L).
- Describe what corrective measures will be taken to stop sediment delivery and protect water quality.
- Indicate when corrective measures will be initiated and the expected completion date
- Report discharges to lahontan@waterboards.ca.gov or by telephone (530) 542-5400 no later than 48 hours after detection as required per General Monitoring and Reporting Condition 3 (E.1).

If elevated levels of turbidity and/or sediment discharge is observed in Waterbodies:

- Describe where the observations occurred and the affected Waterbody.
- Explain if elevated turbidity is a result of sediment discharge from within the Activity Area.
- Describe what corrective measures will be taken to address the observed sediment delivery and protect water quality and when they are planned for implementation.

If any erosion or failed management measures within the Activity Area cause sediment delivery to a Waterbody, then photo-point monitoring is required using the Photo-Point Monitoring Form (Attachment L).

Forensic monitoring requirements are limited to the times when personnel and/or equipment are present on the Activity Area. The Water Board expects that no adverse effects to the quality of waters of the state would result from road system use to Access the Activity area, or that worker safety would be compromised. If areas are not accessible for monitoring, please indicate why and provide photo documentation. Acceptable reasons may include:

- Adverse effects to the quality of waters of the state would result from road system use to access the activity area or waterbodies immediately downstream of operations.
- Worker safety would be compromised.

4. Areas where Activities are, or were, conducted within or adjacent to Unstable Areas.

<input type="checkbox"/> none exist
(attach additional pages if necessary)

5. Constructed or Reconstructed Permanent Watercourse Crossings.

<input type="checkbox"/> none exist
(attach additional pages if necessary)

6. Constructed or Reconstructed Temporary Watercourse Crossings.

<input type="checkbox"/> none exist
(attach additional pages if necessary)

7. Waterbody Buffer Zones (WBBZs) or Stream Environment Zones (SEZs) where Ground-Based equipment operations or use of Prescribed Fire have occurred.

none exist

(attach additional pages if necessary)

8. Road Construction or Reconstruction within 150 feet of a Class I, II, or IV (with domestic use) Watercourse.

none exist

(attach additional pages if necessary)

9. Landing Construction or Reconstruction within WBBZs or SEZs.

none exist

(attach additional pages if necessary)

10. Areas classified as high or extreme Erosion Hazard Rating where Ground-Based equipment has operated and there is potential for water quality impacts.

none exist

(attach additional pages if necessary)

11. Areas of in-lieu practices (Category 5 only) that have the potential to impact water quality.

none exist

(attach additional pages if necessary)

12. For Category 5 Projects only: If the Discharger has suspended forensic monitoring during an interim period per Timber Waiver Category 5 Monitoring and Reporting Condition 1 (F.5.3.1), please note these periods of inactivity and include an explanation for the temporary suspension in the box below.

(attach additional pages if necessary)

I, the Landowner, Agent thereof, hereby certify under penalty of perjury that all information contained in this monitoring report is true, accurately represents site conditions, and is complete. I also certify that all timber harvest and vegetation management activities conducted have been in conformance with all the general conditions of the Conditional Waiver of Waste Discharge Requirements for Discharges Resulting from Timber Harvest and Vegetation Management Activities in the Lahontan Region (2024 Timber Waiver), Resolution R6-2024-0035 and all eligibility criteria and conditions for Category 5 or 6 of the Timber Waiver. If any deviation from the approved Activity, and/or the Timber Waiver eligibility criteria and conditions has been identified; I have disclosed such deviations in this form along with corrective actions that will be taken to resolve the problem.

Signature: _____ Date: _____

Printed Name and Title: _____

Phone/Fax/E-Mail: _____