



November 25, 2014

Daniel Franklin
27860 Poppy Drive
Willits, CA 95490

Re: Restoration Work at 17777 Eel River Road, Potter Valley, Mendocino County, California.

Dear Mr. Franklin,

I recommend further remediation based on my review of the damages that occurred at your property above the Eel River, Potter Valley, California. Specifically, additional fill should be excavated and stabilized at the culvert crossing of Road M8. No other remediation is recommended at other locations above or below this crossing where the majority of damages to the stream channel occurred. These other areas are naturally healing and I believe will not benefit from human disturbance. Although a small plug of sediment is located at the stream outlet, above the Eel River, no remediation is recommended there because, protecting the native vegetation in this location outweighs the potential improvement that could occur by creating a tractor road to exposing and excavate soil in this sensitive location.

The majority of the soil deposited at the M8 culvert was excavation after the discharging event, but some soil was left perched above and adjacent to the stream channel. Additional excavation is recommended as follows:

- East of the culvert inlet, fill shall be sloped back and excavated as needed (approximately 10 cubic yards of fill).
- West of the culvert inlet, fill shall be excavated down to the original hill slope (approximately 5 cubic yards).
- Above the culvert inlet, the berm shall be removed (approximately 3 cubic yards).

All excavated fill shall be deposited a minimum of 30-feet from the stream. Deposited fill shall be compacted and stabilized with straw mulch.

Please let me know if you have any questions regarding these recommendations.

Sincerely,,

A handwritten signature in blue ink that reads "Estelle P. Clifton".

Estelle P. Clifton, RPF #2858
(707) 485-7211 ex. 220



Soil berm above the culvert inlet and fill on the bank west of channel.

Fill located east of the culvert inlet.





Stream channel above the culvert where re-vegetation has occurred.

Small sediment plug, located above the Eel River

