

FRESHWATER

Date Installed	Road	Start/feet	End/feet	THP#	Rating/D	Xds	Delivery %	Comments
27-Jun-05	X65.62	2100	2100	01-154	High	99	100	Install 10' section of downspout. Shotgun shall be cut off and a downspout lengthened. Install a critical dip at the 100' right hinge line.
08-Jul-05	U91.75	651	819	01-193	THP Deadline	0	100	Clean Ditch
08-Jul-05	U91.85	504	504	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.75	189	189	01-193	THP Deadline	0	100	Mulch skid trail with slash
08-Jul-05	U91.85	400	400	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.75	76	76	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.75	548	548	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.75	372	372	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.75	241	241	01-193	THP Deadline	0	100	Rework existing dip to improve drainage
08-Jul-05	U91.75	143	143	01-193	THP Deadline	0	100	Install Rolling Dip
08-Jul-05	U91.85	274	274	01-193	THP Deadline	0	100	Install Rolling Dip
30-Sep-05	U91.413618	200	200	01-193	Low	157	100	Excavate from TOP to BOT restoring natural channel grade channel for 20' and 3' below BOT. Install a 24" CMP at gradient. Make sure all flow is captured on surface above the inlet. Install a critical dip on the right hinge line.
04-Oct-05	U91	5800	5850	01-201 01-193	THP Deadline	0	100	All failing fill material on the outboard edge of the road shall be removed. Remove slump and slumping cutbank material. Reslope cutbank where slopes are not the exceed 1.5:1.0. Inslope road. Direct drainage in inside ditch to go past road point 5900
04-Oct-05	U91.85	318	400	01-193	THP Deadline	0	100	Remove sidewalk
04-Oct-05	U91.413618	500	500	01-193	THP Deadline	0	100	Sediment savings site #2 for THP 1-01-193. Replace and re-direct discharge of existing ditch relief 18" CMP. The culvert will be replaced with an 18 inch diameter pipe of adequate length to discharge in a northerly direction, away from the slide area. A d
04-Oct-05	U91.413618	750	750	01-193	Medium	78	100	Sediment savings site #3 for THP 1-01-193. Install a critical dip on the right hinge line. Block ditch to the right of the inlet. NOTE: POSSIBLY JUST PAST THE SECOND CLASS 3 WC INLET. DEEPEN THE DIP, DITCH IS ALREADY BLOCKED. SITE PAINTED MAY 16, 05.
04-Oct-05	U91.413618	420	500	01-193	THP Deadline	0	100	Sediment savings site #1 for THP 1-01-193. Install critical dip - block outside drainage to force runoff to inside
04-Oct-05	U91	5920	5960	01-201 01-193	THP Deadline	0	100	ditch. Clean inside ditch from point 420 to P1 @ 500
15-Apr-05	X49.80	200	200	03-126	THP Deadline	0	100	Remove slumping cutbank material. Reslope cutbank, mulch and seed
13-Jun-05	X49.25	5800	5800	01-411	THP Deadline	0	100	Install 18" culvert for class III crossing.
13-Jun-05	X49.25	2200	2200	01-411	THP Deadline	0	100	Install trash rack and rock armor in the vicinity of the inlet with 2.5 inch diameter rock
13-Jun-05	X49.25	1490	1400	01-411	Medium	19	100	Rock road for approximately 150' above bridge with 4 to 6 inches of rock
13-Jun-05	X49.25	1700	1700	01-411	Medium	267	100	Rock road for approximately 150' above bridge with 4 to 6 inches of rock
13-Jun-05	X49.25	2000	2000	01-411	Medium	121	100	of rock segment, rock armor the outfall of the rolling dips. Maintain berm along the outside of the road along the slumped area.
05-Jul-05	X65.1531	600	600	01-428	THP Deadline	0	100	Install a rolling dip at the left approach. Rock road over the CMP and construct a small berm at the OBF to drain this site needed no excavation. The channel is completely clear and appears stable. Since 1999 it has apparently cleared itself. Vegetation
08-Jul-05	X63.76	ms111.1	ms111.1	01-325	Medium	44	100	Excavate failed material above the inlet. May be able to access site MCG08 from this site. NOTE: By June 2005 this site needed no excavation. The channel is completely clear and appears stable. Since 1999 it has apparently cleared itself. Vegetation
08-Jul-05	X63.76	ms111	ms111	01-325	High	794	100	Install culvert to accommodate flow according to the landowners 1603 permit and Weaver and Hagens. If the culvert will overwinter or is permanent, the minimum culvert diameter shall be 36 inches.
12-Jul-05	X63.76	3150	3150	01-325	Medium	277	100	1. Excavate crossing top to bot at natural channel gradient. 2. Lay back banks 2:1 3. Store spoil on left approach.
13-Jul-05	X63.76	ms300	ms300	01-325	High	584	100	1. EXCAVATE CROSSING FROM TOP TO BOT AT NATURAL GRADIENT. 2. LAY BANKS BACK 2:1.
14-Jul-05	X63.76	ms109	ms109	01-325	Medium	172	100	Excavate crossing top to bot at natural channel gradient. 2. Lay back banks 2:1 3. Store spoils locally at IBR.
22-Jul-05	X63.76	ms107	ms107	01-325	High	376	100	1. Excavate crossing top to bot at natural channel gradient. 2. Lay back banks 2:1 3. Store spoils locally at IBR. 1. Decommission. 2. Spoil locally on road.

Date finished	Road	Start/feet	End/feet	T/PP#	Rating/ID	Yds	Delivered %	Comments
25-Jul-05	X83.76	ms106	0 01-325		High	69	100	1. Excavate crossing top to bot at natural channel gradient. 2. Lay back banks 2:1 3. Store spoils on landing 200' to right.
26-Jul-05	X83.76	925	925 01-325		Medium	363	100	1. EXCAVATE CROSSING FROM TOP TO BOT AT NATURAL GRADIENT. 2. LAY BANKS BACK 2:1.
27-Jul-05	X83.76	850	0 01-325		Medium	16	100	Pull back failing fill material, and fill/organics around sink hole near edge of landing.
27-Jul-05	X83.76	ms104.2	0 01-325		Medium	164	100	1. Decommission- grade below BOT to confluence with #105. 2. Spoil right of crossing on IBR. left bank below road overstepped /excavate right bank 2:1
02-Aug-05	X83.76	400	400 01-325		Medium	503	100	1. EXCAVATE CROSSING FROM TOP TO BOT AT NATURAL GRADIENT. 2. LAY BANKS BACK 2:1.
02-Aug-05	X83.76	250	250 01-325		Medium	53	100	1. Excavate crossing top to bot at natural channel gradient. 2. Lay banks 2:1 3. Store any spoils locally 100' to right at IBR.
02-Aug-05	X83.76	ms101	0 01-325		Medium	9	100	1. Install 1 cross road drain to left of site.
03-Aug-05	X83.76	ms102	0 01-325		Medium	15	100	1. Excavate crossing top to bot at natural channel gradient. 2. Lay back slopes 2:1 3. Store any spoils locally on left approach. 4. Install 2 cross road drains to left of site.
10-Aug-05	X83	1950	1950 01-325		Medium	133	100	1. Excavate crossing top to bot being sure to reestablish channel between top and IBR. Install 30" CMP at natural channel gradient. 3. Install critical dip on left hinge line.
26-Sep-05	U91.41	ECP1	0 03-125		Low	230	100	100 Pull back failing outboard edge of road fill back 2:1 or natural hillside where feasible.

## Ragna Jensen

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**From:** Adrian Miller [amiller@scopac.com]  
**Sent:** Monday, June 19, 2006 4:00 PM  
**To:** 'Robert Klamt'; 'Mark Neely'; 'Joelle Geppert'  
**Cc:** 'Ragna Jensen'; rmill@scopac.com; tmeyers@scopac.com  
**Subject:** Freshwater CAO 2005 Work Report  
**Attachments:** Freshwater 2005 Work Report .pdf; Freshwater 2005 Work Report CL.pdf

Greetings,

Attached are two documents for the 2005 Work Report for Freshwater Creek, the brief summary and the Table. The map was too big to email, it will arrive with the originals by UPS overnight.

I had presumed that these points had been digitized, but they were not so I have transcribed them by hand on the map. As a result I have not had time to complete the North Fork Table and Map today. I will ship those out tomorrow.

Adrian

Adrian W. Miller, R.P.F. #2721  
Senior Operations Forester

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## SCOTIA PACIFIC COMPANY LLC

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June 19, 2006

Ms. Catherine Kuhlman  
California Regional Water Quality Control Board  
North Coast Region  
5550 Skylane Blvd, Suite A  
Santa Rosa, CA 95403

Subject: 2005 Work Completion Report Freshwater Creek R1-2006-0046

Dear Ms. Kuhlman:

This letter is intended to transmit the three requirements outlined in the order that relate to the 2005 work conducted in Freshwater Creek;

1. A written summary describing the types of activities conducted, including the total number of road miles and stream crossings treated
2. A treatment site identification number and location shown on a scaled map.
3. A table compiling all sites, including the following information: the volume of sediment to be treated, treatment immediacy or priority, the selected treatment alternative.

1. Written summary:

The work conducted last year in Freshwater Creek comprised of a wide range of projects. These included substantial Humboldt crossing removals and fill pull backs to more moderate crossing excavations and crossing replacements. Additionally, there were projects of less significant scale, but equally important, that included installation of critical dips on existing crossings, replacement and installation of ditch relief pipes as well as maintenance activities including attaching downspouts and energy dissipaters.

PALCO only tracks miles of roads that meet the definition of "Stormproofed" under the HCP. PALCO Stormproofed 0.3 miles of road in Freshwater Creek in 2005. There were approximately 17 crossings treated in Freshwater Creek in 2005.

2. Map attached.

3. Table attached.

If you have any questions or require any additional information, please feel free to contact me.




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Ms. Catherine Kuhlman  
June 19, 2006  
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Sincerely,

Scotia Pacific Company, L.L.C.

A handwritten signature in black ink, appearing to read 'Adrian Miller', with a long horizontal flourish extending to the right.

Adrian Miller, RPF# 2721  
Senior Operations Forester