

## Appendix C Monitoring

The Final Environmental Impact Statement for the Winema National Forest Land and Resource Management Plan led to the inclusion of a Monitoring Plan within Chapter 5 of the Forest Plan. The Monitoring Plan identifies key activities and outputs to be tracked to ensure that activities reasonably conform to Management Area direction and that outputs satisfy objectives of the plan. Forest Plan monitoring will be relied upon and is considered adequate.

The project proposes additional monitoring by establishing and using photo points in selected units to create a photographic “before and after” record. This method has been used successfully on the Chiloquin Community Fuel Reduction Project (CCFRP). An example of a pair of photos from CCFRP is shown below. These photos have been helpful in displaying fuel reduction activities to the public.



**Before treatment**



**After brush mowing, before underburning**

Several items are monitored during planning, preparation and implementation of on-the-ground activities in addition to the Forest Plan monitoring. These are shown in the table below.

OBJECTIVE	DIRECTION	RESPONSIBILITY	METHOD	PERIOD
<b>Retention of snags</b>	Wiinema LRMP as amended by Eastside Screens	Presale Wildlife Silviculture	Tally snags by diameter class during marking to determine snag numbers	During presale timber sale marking
		Sale Admin Silviculture Fuels	Protect designated snags during postsale activities and during prescribed burning	During sale and up to 10 years after close of timber sale
<b>Retention of dead and down woody material</b>	Wiinema LRMP as amended by Eastside Screens	Presale Sale Admin Wildlife	Tally dead and down logs	During presale timber sale marking

OBJECTIVE	DIRECTION	RESPONSIBILITY	METHOD	PERIOD
<b>Identify and protect Heritage Resources</b>	Winema LRMP as amended, various historic preservation laws	Archeology	Ensure compliance with SHPO programmatic agreement	During field surveys and the NEPA IDT process
		Archeology Silviculture Presale Sale Admin	Locate, flag, and map sites and designated protection areas	During field surveys and the NEPA IDT process
		Archeology Silviculture Presale Sale Admin,	Ensure compliance with sale contract and protection of identified sites	During preparation and administration of timber sale
		Archeology Silviculture Fuels	Ensure compliance with service contract protection provisions and continue protection of identified sites	During preparation and administration of postsale contracts and force account work
<b>Protection of soil, water quality and fisheries</b>	Winema LRMP BMP's (Appendix B) INFISH	IDT Fisheries Hydrologist Soil Scientist Presale	Determine base conditions. Identify areas where potential exists to exceed LRMP S&Gs for detrimental soil conditions.	During field surveys and the NEPA IDT process, unit layout
		Sale Appraisal and Contract Prep Sale Admin	Ensure proper protection provisions are in TS contract Ensure compliance with TS contract and BMPs thru visual inspection, transects, soil moisture measurements	During timber sale contract period
		Silviculture Fuels Soils/Hydrology Fisheries	Ensure compliance with LRMP, BMPs, and contract provisions with visual inspection, transects, soil moisture measurements as needed.	During sale, postsale contracts, and force account work
<b>Fulfillment of proposed silvicultural/fuels treatments</b>	LRMP, Project Decision Notice	Silviculture Presale Fuels Sale Admin IDT	Develop silvicultural prescription and fuels management plan to meet EA decision. Develop marking guides, monitor mark, harvest, postsale activities, underburning	Prescriptions developed during IDT process, finalized after decision. During sale and post sale activities
<b>Protection of wildlife by implementing seasonal operating restriction</b>	LRMP Eastside Screens Appendix B	Presale Sale Admin WL Biologist TS Appraisal	Ensure compliance with LRMP seasonal restrictions in TS contract	During timber sale prep, contract prep and sale administration
		Fuels Silviculture WL Biologist	Ensure compliance with LRMP seasonal restrictions in service contracts, force account	During postsale activities up to 10 years after sale

OBJECTIVE	DIRECTION	RESPONSIBILITY	METHOD	PERIOD
<b>Protection of riparian areas</b>	Wiinema LRMP INFISH BMPs (Appendix B)	Hydrology Fisheries Presale	Identification of stream classes and riparian areas	During field surveys. IDT process, project layout
		Sale Appraisal and Contract Prep Sale Admin	Ensure inclusion of protection direction in contract, ensure compliance in admin of TS contract	During prep and admin of timber sale
		Silviculture Fuels	Ensure protection of riparian areas during postsale activities	Up to 10 years after close of timber sale
<b>Protection of intermittent streams by implementing INFISH buffers</b>	Wiinema LRMP as amended INFISH	Presale Hydrologist Fisheries	Ensure INFISH buffers are properly applied in layout of units	During sale and postsale contract preparation. Up to 10 years after sale closes.