

Appendix A – Monitoring Plan Summary Sheets

DISTRICT: Darrington Ranger District

PROJECT NAME: Decline Thin

MONITORING OBJECTIVE: Assess effectiveness of intended stocking level reduction

MONITORING TYPE: Effectiveness

PRIORITY: High

PARAMETER: Growth rates of residual stand (radial growth rate in inches per decade)

METHODOLOGY: Systematically locate 1 plot per ten acres across all units treated; measure radial growth rate per decade on each tree over 7 inches dbh within 1/40th acre plot. GPS the plot location.

FREQUENCY/DURATION: Once, five years after treatment

DATA STORAGE: SO Vegetation Files

REPORT: Once, after five years

PROJECTED COSTS: 2 GS-7. \$12.50/ plot including overhead x 40 plots = \$500.00, total.
Assumes combined monitoring with **Species Diversity** item, below, using the same plot locations.

DISTRICT: Darrington Ranger District

PROJECT NAME: Decline Thin

MONITORING OBJECTIVE: Assess effectiveness of treatment on increasing species diversity across treated stands

MONITORING TYPE: Effectiveness

PRIORITY: High

PARAMETER: Vegetation Species Diversity

METHODOLOGY: Systematically locate 1 plot per ten acres across all units treated, (including LSR and Riparian Reserve and Matrix land allocations), and estimate percent cover of all species present on 1/40th acre plot. GPS plot location

FREQUENCY/DURATION: Once, five years after treatment

DATA STORAGE: SO Vegetation Files

REPORT: Once, after five years

PROJECTED COSTS: 2 GS-7. \$12.50/ plot including overhead x 40 plots = \$500.00, total. Assumes combined monitoring with **Radial Growth** monitoring item, above, using the same plot locations.