

APPENDIX B: Compliance with Mt. Hood National Forest Land and Resource Management Plan (1990) and Northwest Forest Plan (1994)

| Standards and Guidelines | Is a plan amendment needed? | | | | | | | | |
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| Mt. Hood Forest Plan Standards and Guidelines | | | | | | | | | |
| <p><i>FW-025 (Soil Productivity)</i> In the first year following surface disturbing activities, the percent effective groundcover by soil erosion hazard class should achieve at least the following levels:</p> <table border="1"> <thead> <tr> <th>Soil Erosion Hazard Class</th> <th>Effective Ground Cover</th> </tr> </thead> <tbody> <tr> <td>Low to Moderate</td> <td>60%</td> </tr> <tr> <td>Severe</td> <td>75%</td> </tr> <tr> <td>Very Severe</td> <td>85%</td> </tr> </tbody> </table> | Soil Erosion Hazard Class | Effective Ground Cover | Low to Moderate | 60% | Severe | 75% | Very Severe | 85% | |
| Soil Erosion Hazard Class | Effective Ground Cover | | | | | | | | |
| Low to Moderate | 60% | | | | | | | | |
| Severe | 75% | | | | | | | | |
| Very Severe | 85% | | | | | | | | |
| <p><i>FW-032 (Soil Productivity)</i> Favorable habitat conditions for soil organisms should be maintained for short and long term soil productivity.</p> | | | | | | | | | |
| <p><i>FW-054 (Water)</i> Water quality associated with management activities shall be in compliance with Oregon State requirements (Oregon Administrative Rules, Chapter 340-41) established in accordance with the Federal Clean Water Act (1977, as amended 1987).</p> | | | | | | | | | |
| <p><i>FW-055 & FW-056 (Water)</i> Compliance with State requirements shall be met through planning, application, and monitoring of Best Management Practices FEIS, (Appendix H). Best Management Practices (BMPs) describe the process which shall be used to implement the State Water Quality management Plan on lands administered by the USDA Forest Service.</p> | | | | | | | | | |
| <p><i>FW-057 & FW-058 (Water)</i> Individual, general Best Management Practices which may be implemented (i.e. on a project by project basis) are described in General Water Quality Best Management Practices, Pacific Northwest Region, 11/88. Evaluations of ability to implement and estimated effectiveness shall be made at the project level.</p> | | | | | | | | | |
| <p><i>FW-060 (Water)</i> Management practices causing detrimental changes water temperature or chemical composition, blockages of water courses, or deposits of sediment shall not be permitted (36 CFR 219.27 e).</p> | | | | | | | | | |
| <p><i>FW-062 (Water)</i> Not more than 35 % of an area available for vegetative manipulation should be in a hydrologically disturbed condition at any one time.</p> | | | | | | | | | |

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| <p><i>FW-066 (Water)</i> Cumulative effects analyses of management activities on water quality shall include lands on all ownerships.</p> | |
| <p><i>FW-075 (Water)</i> The disposal or accidental discharge of petroleum products and hazardous materials on National Forest System lands shall be prevented.</p> | |
| <p><i>FW-076 (Water)</i> Potentially detrimental materials associated with management activities (e.g. pesticides, fertilizers, and road surface treatments) shall be prevented from entering water or other areas not intended for treatment.</p> | Yes |
| <p><i>FW-082 (Riparian Area)</i> At least 95 percent ground cover (e.g. vegetation, duff, or litter) shall be maintained within all project activity areas (within riparian areas).</p> | |
| <p><i>FW-083 (Riparian Area)</i> Ground disturbing activities should not occur in saturated soil areas.</p> | |
| <p><i>FW-084 (Riparian Area)</i> Activities within and adjacent to riparian areas should not accelerate sediment delivery to streams, lakes, wetlands, seeps, and springs.</p> | |
| <p><i>FW-105 (Riparian Area)</i> Fish bearing perennial streams – At least 95 % effective ground cover (e.g. adapted trees, shrubs, sedges, and grasses) in a project activity area should be maintained.</p> | |
| <p><i>FW-113 (Riparian Area)</i> State water quality standards for turbidity shall be met.</p> | |
| <p><i>FW-123 (Riparian Area)</i> Non-Fish bearing perennial streams (Class 3) – At least 90 % effective ground cover (e.g. adapted trees, shrubs, sedges, grasses, and duff) in a project activity area should be maintained.</p> | |
| <p><i>FW-129 (Riparian Area)</i> Sediment loading shall be minimized and stream channel conditions maintained to meet State water quality standards for turbidity.</p> | |
| <p><i>FW-138 (Fisheries)</i> Impacts on habitat for the management indicator species group (salmonids) shall be determined for each project affecting fisheries, in terms of habitat quality, quantity, and distribution.</p> | |
| <p><i>FW-156 (Forest Diversity)</i> Vegetation management activities shall not result in a permanent loss of any species native to a particular ecosystem.</p> | |

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| <p><i>FW-161 (Forest Diversity)</i> Management activities shall contribute to recovery and conservation of Federally listed threatened or endangered species (endangered Species Act, 1973; 36 CEF 219.19)</p> | |
| <p><i>FW-162 (Forest Diversity)</i> Habitat Management should provide for maintenance of viable populations of native and desirable non-native wildlife, fish, and plant species.</p> | |
| <p><i>FW-174 (Threatened, Endangered and Sensitive Plants and Animals)</i> Threatened, endangered and sensitive plants and animals shall be identified and managed in accordance with the Endangered Species Act (ESA) (1973), Oregon ESA (1987), and FSM 2670.</p> | |
| <p><i>FW-175 (Threatened, Endangered and Sensitive Plants and Animals)</i> Habitat for threatened, endangered and sensitive plants and animals shall be protected and/or improved.</p> | |
| <p><i>FW-177 & 178 (Threatened, Endangered and Sensitive Plants and Animals)</i> Consultation with FWS shall occur on each program activity or project that the Forest Service determines may effect threatened or endangered species. Consult</p> | |
| <p><i>FW-179 (Threatened, Endangered and Sensitive Plants and Animals)</i> Species Management Guides shall be prepared to address effects of management activities and identify opportunities to maintain or enhance habitat for plants frequently in conflict with mgmt. practices.</p> | |
| <p><i>FW-180 (Threatened, Endangered and Sensitive Plants and Animals)</i> Lists of threatened, endangered and sensitive plant and animal species shall be maintained and updated periodically as new information is collected.</p> | |
| <p><i>FW-182, 183, 184 (Threatened, Endangered and Sensitive Plants and Animals)</i> If habitat allocated for threatened, endangered or sensitive species protection or recovery (i.e. A8 Spotted Owl Habitat Areas and A13 Bald Eagle Recovery Areas) is lost (e.g. due to windthrow or wildfire), replacement habitat of equal or better quality (or the best available) shall be designated and allocated. For A8 Management Areas, replacement habitat shall be allocated if 30 acres or more habitat is lost. Replacement habitat should be located immediately adjacent to the remaining A8 habitat.</p> | |
| <p><i>FW-187 (Wildlife)</i> Key habitat areas (e.g. rearing areas, mineral licks, and wallows) should be protected.</p> | |
| <p><i>FW-189 (Wildlife)</i> Existing natural meadows/openings shall be maintained.</p> | |

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| <p><i>FW-213 (Wildlife)</i> Activities within key deer and elk rearing areas may be restricted between May 15 and July 1.</p> | |
| <p><i>FW-243 (Wildlife)</i> Plant community integrity of special habitat conditions, e.g. caves, cliffs, talus slopes, meadows, oak, and dry shrub should be protected.</p> | |
| <p><i>FW-279 (Hazardous Materials)</i> Project spill contingency plans shall be developed for all project activities where oil or potentially hazardous substances are used by the Forest Service, its permittees, or other users (i.e. contractors) of National Forest lands.</p> | |
| <p><i>FW-280 (Hazardous Materials)</i> Employee involvement with, and the use of, hazardous materials shall be in accordance with the USDA Forest Service Health and Safety Code Handbook.</p> | |
| <p><i>FW-281 (Hazardous Materials)</i> Employees shall comply with all Forest Service policies as identified in the USDA Forest Service Health and Safety Code Handbook.</p> | |
| <p><i>FW-300 (Range Management)</i> Plants identified as pests by Oregon Department of Agriculture (ODA) shall be controlled.</p> | |
| <p><i>FW-301 (Range Management)</i> Implementation of control measures should adhere to priorities of prevention, early treatment, maintenance, correction, and no action.</p> | |
| <p><i>FW-375 (Timber Management)</i> New provisions for all vegetation management. projects shall be followed for all projects planned with NEPA documents.</p> | |
| <p><i>FW-378 & FS-379 (Timber Management)</i> Emphasis shall be on prevention of vegetation management problems and herbicides shall be used only when necessary.</p> | |
| <p><i>FW-380 (Timber Management)</i> Competing vegetation shall be controlled when there is possibility that timber harvest areas cannot be reforested within 5-year period [because of invasive plants].</p> | |
| <p><i>FW-381 (Timber Management)</i> In timber harvest areas, prevent damage to plantation crop trees, prevent stocking from falling below desired levels, insure reforestation within 5-year period, and maintain Pacific yew.</p> | |

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| <p><i>FW-382 & FW-383 (Timber Management)</i> Silvicultural methods and cultural treatments should be applied to reduce hazards from insects, diseases, and weed species. If normal insect surveillance indicates the threat of an epidemic, project level detection and control operation (including coordination with other land ownerships) should be accomplished on a Forestwide basis (Regional Guide for Pacific Northwest region, 1984)</p> | |
| <p><i>FW-463 (Dispersed Recreation Activities)</i> Designated trails, trailheads, associated facilities, and dispersed recreation sites impacted and/or adversely affected by management activities, shall be rehabilitated, restored, and/or relocated.</p> | |
| <p><i>FW-470 (Eligible Wild, Scenic, and Recreational Rivers)</i> Outstandingly remarkable values of the identified eligible river segments (FEIS Appendix E) shall be protected and/or enhanced (FSH 1909.12, Chapter 8, 7/87).</p> | |
| <p><i>FW-496 (Visual Resource Management)</i> The visual quality objectives (VQOs) for wild segments shall be Preservation as seen from the river, river banks and trails within the B1 river corridor. A VQO of Retention may be allowed for recreational facilities.</p> | |
| <p><i>FW-497 (Visual Resource Management)</i> The VQO for scenic segments shall be Retention as seen from the river, river banks, U.S. and State highways, Forest highways and roads, trails, and recreation facilities within the B1 river corridor. A VQO of Partial Retention may be allowed for structural facilities.</p> | |
| <p><i>FW-498 (Visual Resource Management)</i> The VQO for recreational segments shall be Partial Retention as seen from the river, river banks, U.S. and State highways, Forest highways and roads, trails, and recreation facilities within the B1 river corridor. Modification may be allowed for structural facilities.</p> | |
| <p><i>FW-513 (Eligible Wild, Scenic, and Recreational Rivers)</i> Water quality shall be maintained or enhanced during any management activities.</p> | |
| <p><i>FW-552 & 553 (Visual Resource Management)</i> The visual quality objectives (VQO, USDA-Agriculture Handbook 462, National Forest Landscape Management, Vol. 2, Chap. 1, The Visual Management System) prescribed in management direction represent the minimum level that shall be achieved in long term visual resource management. Management Area VQO's shall be prescribed as summarized in Table Four-22. See Management Area Standards and Guidelines.</p> | |
| <p><i>FW-554 (Visual Resource Management)</i> Visual quality objectives for "designated viewsheds" shall be prescribed as listed in Table Four-23 Designated Viewsheds.</p> | |

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| <p><i>FW-556 & 557 (Visual Resource Management)</i> The prescribed VQO should be achieved within one year after completion of any project activities. Short term deviations from prescribed visual quality objectives may occur due to catastrophic events, e.g. fire, windstorm, earthquake, and insect damage.</p> | |
| <p><i>FW-609 & 610 (Cultural Resources Management)</i> All proposed projects which could affect a cultural resource shall be assessed for their effect on National Register, eligible, or unevaluated properties. Assessments shall use the criteria of “effect and adverse effect” (36 CFR 800.9. Projects include all Federally funded undertakings, and undertakings requiring Federal permit (36 CFR 800.9 (a)(b)).</p> | |
| <p><i>FW-627 (Human Rights)</i> The Forest shall be managed and administered in such a manner as to provide all persons equal opportunity, regardless of race, color, creed, sex, marital status, age, handicap, religion, or national origin.</p> | |
| <p><i>FW-628 (Human Rights)</i> The Forest shall be managed to break down social and institutional barriers to legitimate uses of the Forest by nontraditional groups.</p> | |
| <p><i>FW-629 (Human Rights)</i> Consultation with diverse cultural groups shall occur on a regular basis.</p> | |
| <p><i>FW-630&631 (Human Rights)</i> The treaty rights and privileges of Native Americans shall be honored. Treaty rights and privileges should supercede other management direction.</p> | |
| <p><i>FW-632 (Human Rights)</i> The American Indian Religious Freedom Act (1978) shall be considered in administration of the Forest.</p> | |
| <p><i>FW-639-640 (Human Rights)</i> Special efforts shall be made to inform the public, including minorities and underprivileged individuals and groups, of benefits they are eligible to receive from Forest programs. Techniques suited to increase awareness and participation shall be used.</p> | |
| <p><i>A1-WR-064 (Vegetation Management) – Amendment #7</i> Chemicals shall not be used to control noxious weeds in riparian areas.</p> | Yes |
| <p><i>A2-070 & A2-071 (Wilderness)</i> Timber harvesting and commercial gathering of forest products shall not be permitted. Vegetation management activities shall produce or enhance wilderness values.</p> | |
| <p><i>A2-082 (Wilderness)</i> Pesticide use shall be prohibited.</p> | Yes |

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| <i>A2-074 (Wilderness)</i> Areas that do not meet Wild and Scenic River bare ground and vegetative cover criteria (B.2, Four-138) shall be revegetated. | |
| <i>A2-083 (Wilderness)</i> Introduction of non-native plant species should not occur. | |
| <i>A2-084 (Wilderness)</i> Acceleration of soil displacement and erosion resulting from human activity should not occur. | |
| <i>A12-031 (Outdoor Education Areas)</i> Herbicides should not be applied outside of roads rights-of-way. | Yes |
| <i>A12-032 (Outdoor Education Areas)</i> If pesticide application is deemed necessary, biological control measures should be considered. | |
| <i>B1-048 (Wild, Scenic and Recreational Rivers)</i> Water quality shall be maintained or enhanced d. | |
| <i>B1-050 (Wild, Scenic and Recreational Rivers)</i> All river segments shall be managed to remain in a free flowing and unpolluted state. | |
| <i>B2-071 (Scenic Viewsheds)</i> All IPM (integrated pest management) activities shall minimize impacts to scenic quality. | |
| <i>B5-041 (Pileated Woodpecker/Pine Martin Habitat)</i> Herbicides should not be permitted outside of road rights-of-way. | Yes |
| <i>B6-026 (Special Emphasis Watersheds)</i> Activities involving fertilization or chemical treatment of vegetation, in municipal or domestic watersheds shall be coordinated with appropriate municipalities or individuals. | |
| <i>B6-042 (Special Emphasis Watersheds)</i> Activities involving pesticide application in municipal or domestic watersheds shall be coordinated with associated municipalities, groups or individuals. | |
| <i>B7-070 (General Riparian Area)</i> Application of herbicides shall be discouraged. | Yes |
| <i>D-021 (Bull Run Watershed Management Unit)</i> Chemical insecticides and herbicides shall be prohibited within the Bull Run physical drainage. | |

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| <p><i>General Riparian Area, RA-3</i> Herbicides, insecticides, and other toxicants, and other chemicals shall be applied only in a manner that avoids impacts that retard or prevent attainment of Aquatic Conservation Strategy objectives.</p> | |
| <p><i>C-4 & C-5</i> Survey and Manage Standards & Guidelines: (1) manage known sites, (2) survey prior to ground-disturbing activities.</p> | |
| <p><i>C-6</i> Manage recreation areas to minimize disturbance to Survey & Manage species.</p> | |
| <p><i>Northwest Forest Plan Aquatic Conservation Strategy Objective #9</i> Maintain and restore habitat to support well-distributed populations of native plant, invertebrate, and vertebrate riparian dependent species.</p> | |