

INDEX

A

Administratively Withdrawn Areas (AWA)

Chapter 1 21, 23

Air Quality

Chapter 3 323, 334, 335

Alternative 1

Chapter 2 2, 7-9, 13, 17, 22-27, 32, 65
 Chapter 3 17-19, 23, 25, 30, 31, 75, 76, 78, 79, 84,
 86, 88, 101, 102, 108, 114, 137, 169, 170, 173, 174, 312,
 260, 264, 268-270, 326-330, 346, 364-368, 373, 388-399,
 404, 415-418, 421, 426, 430, 432, 433, 452, 475, 476,
 478, 480, 481, 489, 490

Alternative 2

Chapter 2 2, 11-13, 27-29, 31-35, 39-42, 45-47,
 51-53, 55, 65
 Chapter 3 14, 17-19, 23-25, 27, 30, 31, 75-100,
 102-109, 111-113, 137-141, 169-173, 204-206, 230, 260,
 264, 268-276, 278, 280-282, 284-286, 288, 290, 292, 294,
 296-298, 300-303, 305-309, 312, 314, 315, 317, 327, 328,
 330, 332-336, 347, 366, 369-374, 388, 390-394, 396-398,
 400-405, 416-418, 420, 430-437, 440, 452-454, 469, 470,
 476-479, 481-483, 490-493, 499-501

Alternative 4 (Modified)

Chapter 2 3, 4, 6, 11, 34-37, 39-41, 53, 55, 58, 65
 Chapter 3 14, 17-19, 26, 27, 31, 32, 76, 78-81, 86,
 87, 94-96, 99, 102, 104-106, 108, 110-113, 139, 143, 171,
 173, 174, 176, 182, 203-206, 214, 223, 230, 232-238, 240,
 241, 244, 245, 248-252, 256, 258, 260-267, 271, 275, 276,
 279, 283, 287, 288, 296, 297, 299, 301, 304-309, 312,
 314-317, 328-330, 332-336, 346, 347, 364, 365, 370-374,
 388, 392-405, 416, 418-420, 432, 434-437, 439, 453-455,
 469, 470, 475-484, 491, 492, 498-501

Alternative 6

Chapter 2 3, 16, 21, 41-47, 51-53, 58, 65
 Chapter 3 14, 17-19, 27, 28, 32, 33, 76, 78, 79, 81,
 82, 86, 87, 97-99, 102, 105-107, 112, 113, 140, 172, 204-
 206, 230, 238, 240, 244, 248, 260, 264, 296, 305-307,
 309, 312, 314-317, 328, 333, 334, 336, 347, 371-374, 388,
 393, 394, 396, 398, 402-404, 416, 418-421, 433, 437-440,
 454, 469, 470, 476, 479, 483, 492, 499-502

Alternative 9

Chapter 2 5, 7, 8, 17, 35, 47-53, 56, 58, 65
 Chapter 3 18, 19, 26, 28, 29, 33, 34, 76, 78, 79,
 81, 82, 86, 87, 97-102, 107, 113, 114, 140, 141, 143, 145,
 151, 152, 154, 172, 173, 176, 206, 207, 214, 230, 232,
 234-238, 240, 243, 244, 248-250, 252, 256, 258-262, 264,
 266, 268-278, 280-282, 284-286, 288, 290, 292, 294-298,
 300-306, 308-312, 314-317, 328, 335, 336, 347, 365, 366,

372, 374, 389, 392, 395, 396, 398, 404, 406, 416, 418,
 421, 433, 439-441, 455, 476, 478, 480, 481, 493, 499

American peregrine falcon

Chapter 3 193

Americans with Disabilities Act (ADA)

Chapter 2 32, 45, 66

Chapter 3 8, 11

Aquatic Conservation Strategy (ACS)

Chapter 1 18, 19, 21-23, 27, 30

Chapter 2 15, 46, 69

Chapter 3 1, 3, 57, 58, 225, 226, 230-303, 312, 314,
 317-319, 325, 327, 330, 332, 333, 403, 454

Avalanche

Chapter 2 67

Chapter 3 13, 16, 18, 19

Average Daily Traffic (ADT)

Chapter 3 411, 412, 414, 415, 417, 419, 426

B

Benton REA

Chapter 1 45

Chapter 2 32, 52

Chapter 3 431, 434, 437, 440, 502

Best Management Practices (BMPs)

Chapter 1 27

Chapter 2 21, 63

Chapter 3 157, 174, 175

Black tailed deer

Chapter 3 195, 211

Bull trout

Chapter 3 133

C

Canada lynx

Chapter 1 42, 43

Chinook Salmon

Chapter 3 131, 132, 135

Clear Fork Cowlitz

Chapter 1 21, 27

Chapter 2 46

Chapter 3 3-5, 12, 20, 23, 30-36, 39, 40, 49-51,
 53-55, 58, 60, 62-64, 67-69, 71, 72, 74-77, 79-84, 86-88,
 90-95, 97-102, 104, 105, 107-113, 115, 116, 119-121,
 225, 227, 230-267, 304-307, 312, 314, 319, 320, 336, 407,
 414, 418, 420, 422, 439, 442, 485, 494

Coarse woody debris (CWD)
Chapter 258
Chapter 3 189, 202, 206, 207

Coho salmon
Chapter 3 134

Comfortable carrying capacity (CCC)
Chapter 1 8, 9, 15
Chapter 2 3, 9, 14-16, 22, 23, 27, 34, 41, 47, 65, 70
Chapter 3 108, 110, 112, 113, 328, 363, 377, 379,
388, 389, 415-421, 432, 433, 435, 436, 438, 440

Communications
Chapter 2 17, 26, 33, 40, 46, 52
Chapter 311, 222, 337, 429, 431, 435, 437, 440, 444, 495

Connectivity
Chapter 3213

Construction techniques
Chapter 253

Cougar
Chapter 3447

Critical Habitat Units (CHUs)
Chapter 3 190

Cumulative impacts
Chapter 3 35, 39, 47, 141, 254, 336, 487

D

Deer
Chapter 3383

Desired Future Conditions (DFC)
Chapter 3463

E

Elk
Chapter 3 196, 212

Employment
Chapter 269
Chapter 3 351, 356, 365, 425, 445

Endangered Species Act (ESA)
Chapter 142, 43
Chapter 3 64, 130, 163, 173, 184-186, 193

Erosion
Chapter 256, 64
Chapter 3 22, 23, 30, 63, 71, 72, 92, 93, 96, 98, 101

F

Fisheries
Chapter 1 31, 42, 43
Chapter 2 68
Chapter 364, 74, 130, 139, 142, 147, 148, 156, 159,
227, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249,
250, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269,
271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291,
293, 295, 297, 299, 301, 303, 347

Flow Regime
Chapter 3 49-51, 73, 79, 80, 83, 84, 108, 109,
111-113, 252, 256, 288, 292, 302, 303, 307, 311, 319,
324, 333

Forest Plan Amendment
Chapter 1 11
Chapter 2 14
Chapter 3498

Fragmentation
Chapter 3 206

Frogs
Chapter 3 194, 211

Fungi
Chapter 3 158, 165

G

Geology
Chapter 1 30
Chapter 2 60, 62, 64, 67
Chapter 33, 20, 35, 40, 41, 48, 55, 79, 119, 120,
128, 138, 169, 227, 230-232, 234, 236, 238, 240, 242-254,
256-258, 260, 262, 264-266, 268-272, 274, 276, 278, 280-
290, 292-294, 296, 298, 300-302, 306, 310, 327, 333-335,
347, 395, 420, 430, 439, 498, 500

Ground water
Chapter 3 72

I

Inventoried Roadless Areas (IRA)
Chapter 1 2, 3, 9, 18, 30, 32, 39
Chapter 2 33, 46, 53, 55, 71
Chapter 3230, 232, 264, 306, 312, 314, 383,
402, 403, 420, 447-457

L

Lakes and Ponds
Chapter 3 59, 60

Land Use
Chapter 3 158, 225, 269, 299

- Large woody debris (LWD)
Chapter 134
Chapter 2 17, 18, 58
Chapter 3 53, 58, 59, 60, 61, 63, 77, 78, 79, 90, 92,
95, 97, 99, 114, 116, 133, 136, 137, 141, 142, 146, 155,
157, 218, 221, 225, 238, 239, 258-262, 268, 276, 294-298,
300, 304, 308, 317, 318, 321, 330, 332
- Late Successional Reserve (LSR)
Chapter 150
Chapter 246
- Level of Service (LOS)
Chapter 270
Chapter 3410, 411, 414-418, 420-422, 426
- Limits of Acceptable Change (LAC)
Chapter 2 12, 63
Chapter 3 400, 403, 404, 409
- Lodging
Chapter 3358
- Lynx
Chapter 3 190, 208
- M**
- Management Indicator Species
Chapter 3 185, 194, 195, 211, 498
- Mitigation
Chapter 1 19, 20, 32, 33, 37, 40
Chapter 221, 57-62
Chapter 3 1, 5, 19, 22, 24-30, 32-34, 37, 72, 76,
79-85, 87-90, 92, 93, 95-101, 103-108, 117, 138-141, 144,
158, 165, 166, 171, 173, 177, 185, 205, 217, 236, 242,
248, 260, 261, 264, 274, 280, 284, 295, 296, 301, 304-
306, 308-310, 317, 318, 320, 327, 333-335, 347, 400-402,
405, 406, 422, 438, 452, 453, 476-484, 490, 497, 498, 503
- Monitoring
Chapter 261, 65
Chapter 3 5, 37, 117, 144, 177, 217, 485
- Mountain Biking
Chapter 210
- Mountain goat
Chapter 3 196, 211
- Myotis
Chapter 3 192, 209
- N**
- National Environmental Policy Act (NEPA)
Chapter 1 1, 3, 8, 9, 17, 18, 32, 40, 42
Chapter 2 1, 2, 13-15, 22, 27, 32, 57, 66
Chapter 32, 20, 28, 33, 49, 186, 326, 341, 349, 399,
489, 497, 501
- National Forest Ski Area Permit Act
Chapter 1 17, 25
- National Historic Preservation Act (NHPA)
Chapter 140, 44
Chapter 4 339-342, 346
- National Register of Historic Places (NRHP)
Chapter 2 69
Chapter 3 339-341
- National Trails System Act of 1968
Chapter 1 25
- Neotropical migratory birds
Chapter 3 186, 197, 204
- No Action Alternative (See also Alternative 1)
Chapter 1 27, 28
Chapter 2 1, 2, 13, 17, 22, 23
Chapter 3 346, 364, 397, 398, 455
- Noise
Chapter 1 32
Chapter 2 72
Chapter 3 214, 324, 488-490, 492-495
- Nordic Trails
Chapter 1 1, 6-8, 11, 17, 25
Chapter 22, 3, 13, 15, 25, 31, 39, 45, 51, 66, 70
Chapter 33, 11, 18, 19, 167, 181, 221, 376, 377,
382, 383, 399, 408, 427, 428, 451
- Northern goshawk
Chapter 3 199
- Northern spotted owl
Chapter 3 57, 190, 208
- Noxious weeds
Chapter 3 174
- O**
- Olive-sided flycatcher
Chapter 3 194, 199, 211
- P**
- Pacific Crest National Scenic Trail
Chapter 1 25, 26, 30, 36, 37
Chapter 2 3, 6, 8-12, 27, 33, 34, 41, 47, 53, 61,
62, 66, 70
Chapter 39, 27, 29, 32, 34, 36, 44, 116, 125,
143, 152, 167, 171, 173, 174, 214, 332, 335, 346, 377,
383, 386, 387, 401, 404-406, 451, 453, 455, 458, 462,
465, 467-471, 475-480, 490-493, 499

Pacific Western (Townsend's) big-eared bat
Chapter 3 192, 193, 210

Parking
Chapter 1 9, 10, 40
Chapter 2 17, 25, 32, 34, 40, 45, 51, 66, 70
Chapter 3 384, 385, 413-417, 419-421

Pedestrian Access
Chapter 1 1-40
Chapter 3 414, 416, 418, 419, 421

Pileated woodpecker
Chapter 3 196, 212

Population
Chapter 3 200, 350, 352-355, 364, 397

Propane
Chapter 3 7, 41, 122, 148, 158, 178, 219, 337,
443, 486, 494

Proposed Action (see also Alternative 2)
Chapter 1 1, 7-12, 20, 26-32, 34-40, 42
Chapter 2 1-3, 6, 7, 10-15, 27, 34
Chapter 3 20, 80, 159, 304, 306-308, 310, 332, 390,
490, 498, 501

R

Recreation
Chapter 1 4-6, 11, 12, 18, 21, 22, 24, 25, 31, 35, 36, 39
Chapter 2 2, 12, 33, 60, 63, 65, 70
Chapter 3 10, 18, 19, 44, 125, 151, 180, 221, 317,
327, 365, 369, 376, 383, 386-399, 407, 410, 415, 416,
420, 421, 427, 431, 434, 437, 440, 447, 449-452, 461-463,
475, 499, 500

Restoration
Chapter 3 25, 225, 228

Recreation Agenda, The
Chapter 1 18, 25

Recreational Opportunity Spectrum (ROS)
Chapter 1 22
Chapter 3 386, 400, 402, 404, 460, 463, 477-479, 482

Reserved Treaty Rights
Chapter 3 344, 350

Riparian Influence Areas (RIA)
Chapter 1 35
Chapter 3 57, 58, 59, 62, 63, 79, 81, 106, 107, 136

Riparian Reserves (RRs)
Chapter 1 11, 19, 21-23, 30, 34, 35
Chapter 2 14, 15, 17, 18, 46, 53, 58, 68, 69
Chapter 3 4-12, 49, 50, 57-63, 80, 82, 83, 85, 87-91,
94, 95, 97-101, 103-107, 114, 115, 117-119, 120, 121,
124, 126, 128, 129, 137-141, 143-147, 120-156, 171, 187,

203, 204, 225, 227, 228, 230-238, 240, 243, 244, 247,
249, 250, 258-266, 268, 270-287, 294-301, 303, 304, 306-
308, 311, 312, 317, 318, 320

Roaded Modified
Chapter 3 386

Roaded Natural
Chapter 3 386, 400, 402, 404, 448

Rural
Chapter 2 26
Chapter 3 6, 9, 38, 43, 119, 124, 145, 151, 178, 180,
218, 221, 337, 386, 400, 429, 460, 494, 495

S

Salamanders
Chapter 3 192, 209

Scenery Management System (SMS)
Chapter 1 24, 25, 38
Chapter 3 458, 459, 461, 465, 474, 502

Scenic Integrity Level (SIL)
Chapter 2 72
Chapter 3 459, 461-463, 468-474, 476-484, 487

Scoping
Chapter 1 29, 30
Chapter 2 1
Chapter 3 410

Scoping and Identification of Issues
Chapter 1 29, 30
Chapter 2 1
Chapter 3 410

Sediment
Chapter 2 63
Chapter 3 72, 103, 106, 107, 137, 138, 242, 246,
248, 280, 282, 284-286, 305, 306, 310

Significant Issues
Chapter 1 29-32
Chapter 2 1, 2

Snags
Chapter 3 189

Snowmaking
Chapter 1 8

Snowshoe Trails
Chapter 1 6, 8, 9
Chapter 2 13, 15, 25, 31, 39, 45, 51, 66
Chapter 3 11, 181, 221, 408

Social and Economic Factors
Chapter 1 32, 38
Chapter 2 13

Chapter 3 333, 349, 354, 415, 416, 420, 421, 425, 444, 497

Soil Compaction
Chapter 133
Chapter 320, 23

Soil Erosion
Chapter 263
Chapter 3 21, 22, 29, 63

Soil Productivity
Chapter 321

Species of Local Concern
Chapter 3 197, 198, 212

Steelhead
Chapter 3 131, 132

Stormwater
Chapter 144
Chapter 258, 59, 62, 64
Chapter 3 79, 244, 282, 306, 310

Streams
Chapter 134
Chapter 2 32, 40, 46, 52, 67, 68
Chapter 3 49-51, 53, 55, 61, 63, 64, 68, 73, 75, 76, 78, 79, 130, 138, 139, 140, 157, 238, 239, 242, 243, 246-259, 262, 305

SUP Boundary
Chapter 2 4, 27, 33, 41, 47, 52
Chapter 3471, 480

Survey and Manage species
Chapter 1 19, 20
Chapter 3 163, 166, 173, 184, 185, 208

T

Taidnapam
Chapter 135
Chapter 3 350, 364

Tank
Chapter 37, 41, 122, 148, 178, 219, 337, 443, 486, 494

Terrain (ski)
Chapter 1 8, 9, 14, 33
Chapter 2 2, 14, 24, 29, 37, 43, 49, 65
Chapter 3 378, 389, 390, 480

Terrain Distribution
Chapter 1 14, 33
Chapter 22
Chapter 3378, 389, 390

Tier 1 Key Watershed
Chapter 123

Chapter 3 225

Tier 2 Key Watershed
Chapter 350, 225, 230, 264, 306, 314, 420, 438, 439
Traditional Cultural Heritage Resources (TCHRs)
Chapter 2 69

Traditional Cultural Properties (TCPs)
Chapter 1 35, 36

Transportation/traffic
Chapter 1 32, 44
Chapter 2 26, 70
Chapter 3 326, 338, 410, 411, 415, 422, 423, 462, 496

Treaty rights
Chapter 1 40

Tribal Government Consultation
Chapter 1 29, 40

U

Upper Tieton River
Chapter 3 3, 10, 12, 20, 41, 47-49, 50, 54, 55, 60, 62, 63, 67, 68, 71, 74, 75, 77, 78, 88, 91, 93, 102, 108-112, 114, 122, 128, 129, 131-134, 138, 148, 155-157, 160, 162, 171, 172, 184, 268-303, 308, 319, 336, 337, 407, 422, 423, 442, 485, 486, 494

USFS Sensitive Species
Chapter 1 19
Chapter 3 130, 131, 135, 173, 210

USFWS Species of Concern
Chapter 3 182, 185, 194, 211

Utilities
Chapter 1 11
Chapter 222, 26, 32, 40, 46, 47, 52, 70
Chapter 332, 53, 68, 74, 76, 80, 94, 104, 105, 108, 110-113, 170, 305, 309, 427, 442, 502

V

Vegetation
Chapter 1 31, 43
Chapter 2 62, 64, 68
Chapter 34, 21, 36, 56, 86, 90, 95, 97, 99, 115, 142, 157-160, 163, 169, 170, 175, 176, 178, 180, 182, 183, 185-187, 202, 203, 215, 216, 227, 231, 233-237, 239-241, 243-245, 247, 249, 251, 253, 255, 257-259, 261-263, 265, 267, 269, 271-275, 277-281, 283, 285, 287-289, 291-295, 297-299, 301, 303, 305, 307, 309, 311, 342, 345, 346, 395, 401, 422, 452, 453, 466, 467, 485, 497, 499, 500

Visibility
Chapter 3 335

Visual Absorption Capacity (VAC)
Chapter 3465-467, 481, 482

Visual Quality Objectives (VQOs)
Chapter 124, 38
Chapter 272
Chapter 3458, 461-465, 468-484, 487, 499, 501

Visual Resources
Chapter 124, 30, 32, 37
Chapter 22, 61, 63, 72
Chapter 3169, 383, 387, 401, 405, 406, 450, 458,
485, 486, 499-502

W

Washington Wilderness Act
Chapter 12, 3, 5, 12, 39
Chapter 3447, 450, 451, 456

Wastewater treatment
Chapter 247, 52
Chapter 3430, 433, 436

Water and Watershed Resources
Chapter 134
Chapter 22, 58, 62
Chapter 3227

Water quality
Chapter 258
Chapter 368, 226, 242-247, 280-283

Watershed analysis
Chapter 3226

Wetlands
Chapter 134
Chapter 259, 68
Chapter 349, 50, 55, 59, 86, 157, 187, 305, 309

Wilderness
Chapter 12-7, 26, 31, 37, 39, 41, 42
Chapter 26, 8, 11, 12, 28, 34, 35, 41, 60, 63, 66
Chapter 34, 36, 116, 143, 176, 217, 246, 268,
298, 306, 308, 323, 324, 377, 390, 393-387, 399, 400,
402, 404, 405, 408, 409, 447, 449-456, 467, 472, 490,
491, 493, 496

Wildlife
Chapter 130, 42, 44
Chapter 263, 64, 68
Chapter 365, 67, 132, 133, 135, 159, 169, 184-189,
191, 193, 194, 197, 208, 210-212, 216, 219, 227, 231,
233-235, 237, 239, 241, 243, 245, 247, 249, 251, 253,
255, 257, 259, 261, 263, 265, 267, 269, 271-273, 275,
277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297,
299, 301, 303, 304, 308, 347, 348, 491, 497, 499, 500

Z

Zig Zag Nordic Trail
Chapter 16, 8, 17
Chapter 213, 15, 31, 66
Chapter 33, 11, 181, 221, 382, 399, 408, 451