

## APPENDIX A

Past Activities for Cumulative Effects Analysis within and throughout the NE Stanley Interface Project Area, Basin Creek Watershed, Kelly Creek and Joe's Gulch Subwatersheds.

| Agency /Entity         | Use Category                 | Action/Activity   | Specifics   |
|------------------------|------------------------------|---|---|
| American Indian Tribes | Traditional Uses             | Hunting, gathering and other activities such as landscape burning | Hunting of game and fish, gathering of natural resources and religious practices according to Tribal customs  |
| All                    | Range                        | Domestic Livestock Grazing  | Unregulated and regulated (since 1906) grazing of horses, cattle and sheep since early settlement of area in 1870's   |
| All                    | Transportation               | Road/Trail Construction, Maintenance, Use                         | Roads to mining prospects/operations, Stanley to Bonanza Hay road, etc, since 1870's  |
| All                    | Property/Resource Protection | Fire Suppression  | Last 100+ years   |
| All                    | Resource Use                 | Logging of Forest Vegetation; Hunting & Fishing                   | Fuelwood, building materials (mines), food, commerce & recreation since 1870's  |
| Private                | Minerals                     | Placer and hardrock mining in stream and upland locations         | 1890's hydraulic mining, 2 small ponds, extensive ditching in Kelly Creek; splash dam placering in Joe's Gulch; 1950-80's uranium exploration/mining in Basin Ck. |
| USFS                   | Vegetation Treatment         | Timber Sales  | Approx. 15 sales since 1965 (3,090 acres, <7% of total area in Basin WS);   |
| USFS                   | Watershed Rehab              | Basin Creek Watershed Improvement Project                         | 1995 conversion of 2.5 miles of Basin Ck road to trail use, water Xing improvements   |
| USFS                   | Watershed Rehab              | Minesite reclamation  | 1995-1999 Hay Ck adit site reclaim; East Basin Uranium grass seeding; 5 acres total   |
| USFS                   | Fisheries and Stream Rehab   | Bank stabilization, instream habitat improvements                 | 3 small scale projects along Basin Ck with bank riprap, willow plantings, instream boulder and root wad placement   |

Ongoing and Future Activities for Cumulative Effects Analysis Within and Throughout NE Stanley Interface Project Area, Basin Creek Watershed, Kelly Creek and Joe's Gulch Subwatersheds.

| Agency /Entity     | Use Category               | Action/Activity                   | Specifics  |
|--------------------|----------------------------|-----------------------------------|--|
| USFS (SCNF & SNRA) | Vegetation Management      | Noxious Weed Treatment            | Hand, mechanical, chemical methods; Cooperative Weed Management group is established locally   |
| USFS               | Transportation             | Road/Trail Maintenance            | Travelways maintenance   |
| All                | Recreation                 | Dispersed Recreation              | Backcountry use, horseback riding, fishing, hunting, backpacking, camping, sightseeing, antler gathering, mountain biking, rock-hounding, sledding, snow-machining |
| All                | Resource Uses & Management | Resource Inventory and Monitoring | Plant communities, wildlife & fish habitat/populations, soil/water/air resources, human uses, etc.   |

| <b>Agency /Entity</b>   | <b>Use Category</b>        | <b>Action/Activity</b>   | <b>Specifics</b>   |
|-------------------------|----------------------------|--|--|
| All                     | Resource Uses              | Fuelwood Gathering   | Fuelwood very abundant; personal use, free use, limited commercial   |
| All                     | Resource Uses & Management | Fire Suppression, Wildland Fire Use for Resource Benefit                                   | USFS has primary responsibility on public lands for fire suppression   |
| USFS (SCNF & SNRA)      | Recreation                 | OHV use and travel management  | Motorcycling, ATV, 4WD, snow machine, mountain bike use on open and restricted routes  |
| Shoshone-Bannock Tribes | Traditional Uses           | Hunting, gathering and other activities on non-ceded lands provided for in Treaty rights   | Hunting of game and fish, gathering of natural resources and religious practices according to Tribal customs                         |
| Private                 | Minerals                   | Exploration and Mining Plans   | 40 Buckets (Joe's Gulch), Faith Claims, Kelly Creek suction dredge-small scale; no recent activity                                   |
| State (IDFG)            | Wildlife Resources         | Preserve, protect, perpetuate & manage "wildlife" resources that are property of the State | Big game, small game, game birds, non-game, fur-bearers, predators, fisheries-management and harvest according to state regulations  |
| USFS                    | Vegetation Mgmt            | Personal Use Post & Poles  | Potato Mt Project (in planning)  |
| USFS                    | Vegetation Treatment       | Fuels Reduction /Ecosystem Enhancement/Maintenance   | Basin Creek Prescribed burn- landscape scale over 5 years  |
| USFS                    | Prescribed Fire Management | Fuels Reduction /Ecosystem Enhancement/Maintenance   | Concurrent/Future Projects: 3000-5000 acres on Salmon-Challis NF & Sawtooth NF/SNRA consideration for air quality cumulative effects |
| USFS                    | Recreation                 | Developed Facilities   | Basin Creek Campground (SNRA at mouth of Basin); Basin Creek Trailhead (SCNF parking pullout)  |
| USFS                    | Range                      | Grazing & Allotment Mgmt. (YFRD, SCNF; SNRA)   | Stanley Basin Allotment (SNRA), Salmon River Breaks Allotment (Basin Ck on SCNF)   |
| USFS                    | Special Uses               | Right of Ways for Sunbeam to Stanley Powerline   | Parallels Hwy 75, primarily on SNRA river corridor   |
| USFS                    | Special Uses               | Outfitter/Guide Permits  | Hunting/fishing/backcountry use within   |

## APPENDIX B

### List of Preparers

| Name             | Title  | Responsibility  |
|------------------|--|---|
| Roger Chilson    | Forester                                       | Project Team Leader,<br>Forested Vegetation Analysis  |
| Dave Deschaine   | Hydrologist                                    | Geology, Soil and Water Analysis                      |
| Bret Guisto      | Archeologist                                   | Archeology  |
| John Fowler      | Fuels Specialist                               | Forest Fuels Conditions, Smoke Management             |
| Sharon Bradley   | Silviculturist, Timber<br>Management Assistant | Forested Vegetation Analysis                          |
| Joe Vacirca      | Fisheries Biologist                            | Fisheries Analysis                                    |
| Dave Faike       | Forester                                       | Writer / Editor                                       |
| Dave Reeder      | Wildlife Biologist                             | Terrestrial Wildlife and Sensitive Plants<br>Analysis |
| Jennifer Purvine | Wildlife Biologist                             | Terrestrial Wildlife Analysis                         |
| Barry Dopp       | Range Management<br>Specialist                 | Grazing, Riparian and Noxious Weeds Analysis          |
| Russ Camper      | Natural Resource<br>Specialist                 | Recreation and Roadless/Unroaded Analysis             |

### List of Persons Consulted - Scoping responders and consulting agencies

|                 |   |                            |
|-----------------|---|----------------------------|
| Ron Mackelprang | Individual                                      |                            |
| LaRae Bucksin   | Shoshone-Bannock Tribes                         | Fort Hall, ID              |
| Stanley Davies  | City of Salmon                                  | Salmon, ID                 |
| Rick Collignon  | Idaho Dept. of Parks and Recreation             | Boise, ID                  |
| John Swanson    | Individual                                      | Minneapolis, MN            |
| Steve Robinson  | Idaho Dept. of Environmental Quality            |                            |
| John Robison    | Idaho Conservation League                       | Boise, ID                  |
| Pete Miller     | The Ecology Center<br>Alliance for Wild Rockies | Missoula, MT<br>Helena, MT |
| Rod Evans       | Custer County Farm Bureau                       | Challis, ID                |

## APPENDIX C

### Mitigation Measures

Effectiveness ratings are based on the following criteria:

**High:** Mitigation is highly effective (estimated between 80-90%) and one or more of the following types of documentation is available:

- Research or literature – should be applicable to project area
- Administrative studies and past monitoring – should be applicable to project area
- Experience – professional judgment based on experience and education
- Fact – evident by logic or reason

**Moderate:** Mitigation is moderately effective (estimated between 40-79%) and documentation (as above) is available. Logic and/or experience indicate that mitigation is highly effective but documentation is lacking - in this case, implementation of this mitigation needs to be monitored, and the mitigation may be modified if necessary to achieve its objective.

**Low:** Mitigation is somewhat effective (estimated at less than 40%). Documentation of the mitigation is unavailable or professional judgment indicates limited success in implementation or meeting objective. Implementation of this mitigation needs to be monitored, and the mitigation may be modified if necessary to achieve its objective.

**Unknown:** Effectiveness is unknown or unverified, there is little or no documentation, or applied logic is uncertain. The mitigation needs both effectiveness and validation monitoring to determine success in meeting objective.

| <b><i>NOXIOUS WEEDS</i></b>        |  |
|------------------------------------|--|
| <b><i>Mitigation Measure</i></b>   | Inventory and treat new and existing noxious weed areas within and adjacent to the project area prior to ground disturbing activities. Annually monitor and treat for any noxious weeds. |
| <b><i>Objective</i></b>            | Control of noxious weeds.  |
| <b><i>Mechanism</i></b>            | Coordinated Weed Management Plan   |
| <b><i>Responsibility</i></b>       | District Weed Management Specialist  |
| <b><i>Effectiveness Rating</i></b> | MODERATE to HIGH: Based on past experience.  |

## APPENDIX D

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