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13	IN THE UNITED STATES DISTRICT COURT		
14	FOR THE DISTRIC		
15	MISSOULA DIVISION		
16	ALLIANCE FOR THE WILD		
	ROCKIES,		
17	Plaintiff,		
18			
19	VS.	CV-	
20	PAUL BRADFORD, Supervisor of the	C V -	
21	Kootenai National Forest, JANE	COMPLAINT FOR INJUNCTIVE	
	COTTRELL, Acting Regional Forester	AND DECLARATORY RELIEF	
22	of Region One of the U.S. Forest		
23	Service, UNITED STATES FOREST SERVICE, an agency of the U.S.		
24	Department of Agriculture, and		
25	UNITED STATES FISH & WILDLIFE		
26	SERVICE, an agency of the U.S.		
27	Department of Interior, Defendants.		
	Defendants.		
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I. INTRODUCTION

- This is a civil action for judicial review under the citizen suit provision of the Endangered Species Act of the U.S. Forest Service's Records of Decision approving the Grizzly Vegetation and Transportation Management Project (Grizzly Project) and the Miller West Fisher Project, and the U.S. Fish & Wildlife Service's letters of concurrence for the same. This is also a civil action for judicial review under the Administrative Procedure Act of the above-noted decisions as well as the Decision Notice/Finding of No Significant Impact for the Little Beaver Hazardous Fuels Reduction Project (Little Beaver Project).
- 2. Plaintiff Alliance for the Wild Rockies attests that the decisions approving the Grizzly, Miller West Fisher, and Little Beaver Projects (collectively Projects) and letters of concurrence for the Grizzly and Miller West Fisher Projects are arbitrary and capricious, an abuse of discretion, and/or otherwise not in accordance with law.
- 3. Collectively, the Projects authorize the construction of over 14 miles of new roads (permanent and temporary) in occupied habitat for the *de facto* endangered Cabinet-Yaak grizzly bear. The Projects also authorize the reconstruction of 2.4 miles of roads, the temporary re-opening of 5 miles of

closed roads, and the permanent re-opening of 3.5 miles of road in occupied grizzly bear habitat. The Projects further authorize 3,988 acres of commercial logging in occupied grizzly bear habitat.

- 4. Defendants' approvals of the Projects as written are a violation of the National Environmental Policy Act (NEPA), 42 U.S.C. 4331 *et seq.*, the National Forest Management Act (NFMA), 16 U.S.C. § 1600 *et seq.*, the Endangered Species Act (ESA), 16 U.S.C. § 1531 *et seq.*, and the Administrative Procedure Act (APA), 5 U.S.C. § 701 *et seq.*
- 5. Plaintiff requests that the Court set aside the decisions and/or letters of concurrence approving the Projects, pursuant to 5 U.S.C. § 706(2)(A) and 16 U.S.C. § 1540(g), and that the Court enjoin the U.S. Forest Service from implementing these Projects.
- 6. Plaintiff seeks a declaratory judgment, injunctive relief, the award of costs of suit, including attorney and expert witness fees pursuant to the Equal Access to Justice Act, 28 U.S.C. § 2412, and the Endangered Species Act, 16 U.S.C. § 1540(g)(4), and such other relief as this Court deems just and proper.

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II. JURISDICTION

- This action arises under the laws of the United States and involves the United States as a Defendant. Therefore, this Court has subject matter jurisdiction over the claims specified in this Complaint pursuant to 28 U.S.C. §§ 1331, 1346.
- 8. An actual controversy exists between Plaintiff and Defendants. Plaintiff's members use and enjoy the Kootenai National Forest for hiking, fishing, hunting, camping, photographing scenery and wildlife, and engaging in other vocational, scientific, spiritual, and recreational activities. Plaintiff's members intend to continue to use and enjoy the area frequently and on an ongoing basis in the future.
 - The aesthetic, recreational, scientific, spiritual, and educational interests of Plaintiff's members have been and will be adversely affected and irreparably injured if Defendants implement the Projects. These are actual, concrete injuries caused by Defendants' failure to comply with mandatory duties under NFMA, NEPA, ESA, and the APA. The requested relief would redress these injuries and this Court has the authority to grant Plaintiff's requested relief under 28 U.S.C. §§ 2201 & 2202, and 5 U.S.C. §§ 705 & 706.

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Plaintiff submitted timely written comments concerning the Projects and fully participated in the available administrative review and appeal processes, thus it has exhausted administrative remedies. Defendants' denials of Plaintiff's administrative appeals for the Grizzly and Miller West Fisher Project, and Defendants' publication of the Decision Notice/Finding of No Significant Impact for the Little Beaver Project, were the final administrative actions of the U.S. Department of Agriculture Forest Service. Thus, the challenged decisions are final and subject to this Court's review under the APA, 5 U.S.C. §§ 702, 704, and 706.

III. VENUE

11. Venue in this case is proper under 28 U.S.C. § 1391(e) and LR 3.3(a)(1).

Defendants Bradford and Cottrell, both officers of the U.S. Forest Service, reside within the Missoula Division of the United States District Court for the District of Montana.

IV. PARTIES

12. Plaintiff ALLIANCE FOR THE WILD ROCKIES (Alliance) is a taxexempt, non-profit public interest organization dedicated to the protection and preservation of the native biodiversity of the Northern Rockies Bioregion, its native plant, fish, and animal life, and its naturally

functioning ecosystems. Its registered office is located in Helena, Montana. The Alliance has over 2,000 individual members, including members who reside on private land within or close to the Kootenai National Forest, and more than 600 member businesses and organizations, many of which are located in Montana. Members of the Alliance work as fishing guides, outfitters, and researchers, who observe, enjoy, and appreciate Montana's native wildlife, water quality, and terrestrial habitat quality, and expect to continue to do so in the future, including in the Project area. Alliance's members' professional and recreational activities are directly affected by Defendants' failure to perform their lawful duty to protect and conserve these ecosystems by approving the challenged Projects.

- 13. Defendant PAUL BRADFORD is the Supervisor for the Kootenai National Forest, and in that capacity is charged with responsibility for insuring that decisions made at the District level in the Kootenai National Forest are consistent with applicable laws, regulations, and official policies and procedures.
- 14. Defendant JANE COTTRELL is the Acting Regional Forester for the

 Northern Region of the U.S. Forest Service, and in that capacity is charged

 with ultimate responsibility for insuring that decisions made at the National

Forest level in the Northern Region are consistent with applicable laws, regulations, and official policies and procedures.

- 15. Defendant UNITED STATES FOREST SERVICE (USFS) is an administrative agency within the U.S. Department of Agriculture, and is responsible for the lawful management of our National Forests, including the Kootenai National Forest.
- 16. Defendant UNITED STATES FISH & WILDLIFE SERVICE (USFWS) is an administrative agency within the Department of Interior, and is responsible for the lawful management of wildlife species listed under the ESA, including the ESA-listed Cabinet-Yaak grizzly bear.

V. PROCEDURAL BACKGROUND

17. GRIZZLY PROJECT. On April 17, 2009 Defendant U.S. Fish & Wildlife Service signed a letter of concurrence that the Grizzly Project would not likely adversely affect the Cabinet-Yaak grizzly bear. On April 24, 2009, Defendant Bradford signed the Record of Decision authorizing the Grizzly Project. On June 11, 2009, Plaintiff filed a timely administrative appeal of the decision. On July 27, 2009, the appeal was denied by Defendant Cottrell, constituting the final administrative action. On September 9, 2009,

Plaintiff sent Defendants a 60 day notice of intent to sue under the Endangered Species Act.

- 18. MILLER WEST FISHER PROJECT. On June 5, 2009, Defendant U.S. Fish & Wildlife Service signed a letter of concurrence that the Miller West Fisher Project would not likely adversely affect the Cabinet-Yaak grizzly bear. On June 8, 2009, Defendant Bradford signed the Record of Decision authorizing the Miller West Fisher Project. On July 27, 2009, Plaintiff filed a timely administrative appeal of the decision. On September 10, 2009, the appeal was denied by Defendant Cottrell's office, constituting the final administrative action. On September 9, 2009, Plaintiff sent Defendants a 60 day notice of intent to sue under the Endangered Species Act.
- 19. LITTLE BEAVER PROJECT. On June 22, 2009, Plaintiff filed an objection to the draft Environmental Assessment for the Little Beaver Project. On August 11, 2009, Defendant Bradford signed the Decision Notice approving the Little Beaver Project and no further administrative appeal was permitted.

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VI. FACTUAL BACKGROUND

A. Habitat and Status of the Cabinet-Yaak Grizzly Bear

- 20. Before European settlement of the American West, grizzly bears (*Ursus arctos horribilis*) roamed west from the Great Plains to the California coast, and south to Texas and Mexico, inhabiting almost every conceivable habitat.
- 21. With westward expansion, grizzlies were "shot, poisoned, and trapped wherever they were found." 72 Fed. Reg. 14, 866, 14,868 (Mar. 29, 2007).
- 22. Humans settlers eliminated these bears from almost everywhere in the coterminous United States, with the exception of five areas in mountainous regions, national parks, and wilderness areas of Washington, Idaho, Montana, and Wyoming.
- 23. Once over 50,000 strong in the lower 48 states, grizzlies were reduced to less than 1,000 bears. Grizzly bears were eliminated from Texas by 1890, from California by 1922, from Utah by 1923, from Oregon by 1931, from New Mexico by 1933, and from Arizona by 1935.
- 24. Thus, in a historical blink of an eye, from the 1800s to the early 1900s, humans reduced the range of the grizzly bear to less than 2% of its former

range south of Canada, limiting the bear to a few isolated populations in remnant wildlands.

- 25. One of these remnant and isolated grizzly bear populations is found in the Cabinet-Yaak Ecosystem of northwestern Montana and northern Idaho.
- 26. The Cabinet-Yaak Ecosystem is composed of two distinct geographic areas bisected by the Kootenai River: the Cabinet Mountains lie to the south of the Kootenai River, and the Yaak River drainage lies to the north.
- 27. The region experiences a unique Pacific maritime climate, despite its mountainous, inland location: there are warm summers, as well as wet winters with heavy snowfall. The landscape alternates from rugged, alpine glaciated peaks, to dense coniferous forests, to lush meadows and riparian areas along the meandering Yaak River.
- 28. Stand-replacing wildfires are a natural occurrence here, and they have created a mosaic of dense forest interspersed with openings of huckleberry shrubfields.
- 29. The majority of the Cabinet-Yaak Ecosystem 90% is National Forest land, managed by the Forest Service. In particular, 70% of the Cabinet-Yaak Ecosystem is managed by the Kootenai National Forest.

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COMPLAINT

- The grizzly bear's natural characteristics make it particularly vulnerable to human persecution: grizzlies are hard to grow, but easy to kill. Due to their late age at first reproduction, small litter sizes, and the long interval between litters, grizzlies have one of the slowest reproductive rates of North American mammals. As the Wildlife Service has stated: "at best [a female grizzly] can replace herself with one breeding age female in the first decade of her life."
- 31. Grizzly bear cubs stay with their mother for two to three years, learning about finding food and survival in the wild, before they disperse to establish their own home range.
- 32. Grizzlies have extraordinarily large home ranges of hundreds of square miles, and the bears are capable of traveling over 60 miles at a time.
- 33. Within these large home ranges grizzlies require "some level of safety from human depredation and competitive use of habitat that includes roading, logging, mining, human settlement, grazing, and recreation."
- 34. In particular, the Wildlife Service cautions that "[r]oads probably pose the most imminent threat to grizzly habitat today []."
- 35. The Forest Service estimates that 69% of grizzly bear mortalities are caused by humans. Roads literally pave the way for these mortalities; they provide

- humans with access into grizzly bear habitat, which leads to direct mortality through illegal shootings, and to indirect mortality through habituation.
- 36. In 1975, the Wildlife Service listed grizzly bears in the lower 48 states as a "threatened" species under the ESA. The Wildlife Service found that the grizzly bear needed to be listed under the ESA for essentially three substantive reasons. The first reason was that land development had reduced the bear's range to isolated populations. The second reason was that bears were subject to mortality from humans due to the increased number of logging access roads, as well as trail construction, that put humans in formerly inaccessible areas of the bear's habitat. The third reason for listing was that bears were subject to mortality due to the tendency of ranchers to shoot bears to protect livestock grazing on National Forests.
- 37. The Wildlife Service approved a Grizzly Bear Recovery Plan in 1982 and revised the Plan in 1993.
- 38. The 1993 Recovery Plan established four recovery zones, including the Cabinet- Yaak Ecosystem.
- In 1993, and again in 1998 and 1999, the Wildlife Service re-visited its decision to list all of the lower 48 grizzly bear populations as "threatened."It concluded every time that the Cabinet-Yaak grizzly population had

- deteriorated to the point of warranting an "endangered" classification because "protective measures have not achieved desired goals for habitat protection"
- 40. The Wildlife Service stated that the Cabinet-Yaak population was "in danger of extinction" due in part to the cumulative impacts of timber harvest and its associated road construction.
- bear was *de facto* endangered, the agency's predictions regarding the bear's survival have become increasingly bleak. The Cabinet-Yaak population is small estimated at around 45 bears. In 2004, the Wildlife Service estimated that there was a 75% probability that the population was declining. By 2008, the probability that the population is declining has increased to over 90%. Other scientific researchers concur that the population is declining.
- 42. In addition to the virtual certainty that the population is decreasing, the Wildlife Service has also found that the human-caused mortality rate is increasing from 0.71 bear mortalities per year between 1983 and 1998, to 2.11 bear mortalities per year between 1999 and 2007.

- 43. The Cabinet-Yaak population failed all recovery targets between 2002 and 2007: it failed the goal for number of females with cubs; it exceeded the limits for human-caused mortality; and it failed the goal for distribution of females with young.
- 44. Over the past two decades, dozens of bears have been killed by humans. The Wildlife Service assumes that these recorded deaths paint only a partial picture: "[u]nknown, unreported, human-caused mortality occurs each year at some level." Indeed, the agency's best estimate is that "known human caused mortality may represent only 50 percent of total human caused mortality in the northern grizzly bear recovery zones."

B. Management History of the Cabinet-Yaak Grizzly Bear

- 45. As noted above, the Kootenai National Forest manages 70% of the Cabinet-Yaak Ecosystem.
- 46. The designated "Recovery Zone" for the grizzly bear in the Cabinet-Yaak Ecosystem is divided into bear management units ("BMUs"). 15 of the 22 BMUs in the Cabinet-Yaak Ecosystem are managed by the Kootenai National Forest.
- 47. During preparation of the 1987 Kootenai National Forest Land and Resource Management Plan ("Forest Plan"), the Forest Service

acknowledged that timber harvest and associated activities could have a negative cumulative impact on grizzly bears: "[a]lthough individual uses may be well planned and not affect the grizzly bear or its habitat, the combined effect of several activities (over time and space) may be negative."

- 48. Indeed, the Wildlife Service found that the original Forest Plan proposal would jeopardize the survival of the Cabinet-Yaak grizzly bear, thus the final Forest Plan included standards from the Interagency Grizzly Bear Committee ("IGBC") to avoid causing jeopardy to the bears.
- 49. The final version of the 1987 Forest Plan set forth a Forest-wide standard to apply the "Kootenai Grizzly Management Situation Guidelines (Appendix 8)" to all projects impacting grizzly bear habitat. Forest Plan Appendix 8 mandates that "management decisions will favor the needs of the grizzly" and that "[g]rizzly/ human conflicts will be resolved in favor of the grizzlies" when an activity is proposed on "Management Situation 1" lands. Additionally, the Forest Plan prohibits open road density ("ORD") above 0.75 miles of road per square mile of Forest in each Bear Analysis Area ("BAA"), which are sub-units of BMUs.

- Take Statement (1995 ITS) for the 1987 Kootenai Forest Plan. The 1995
 ITS stated that "the [Wildlife] Service believes incidental take has and will occur from [] the effects of implementing the Forest Plan in its original form" This opinion was based in part on recent guidance from the IGBC.

 The 1995 ITS then stated that although there was a "take" of the grizzly bear there, would be no "jeopardy" to the bear's survival if the Forest Service followed the new terms of incidental take statement.
- 51. The terms of the incidental take statement were that the Forest Service would eventually implement Forest-wide standards adopting IGBC recommendations on limits on the percentage of open motorized route density over one mile of road per square mile of Forest ("OMRD"), total motorized route density over two miles of road per square mile of Forest ("TMRD"), and core habitat. In the interim period, the Forest Service would adhere to the following terms: (1) no increase in ORD above the Forest Plan standard of 0.75; (2) no increase in open motorized trail density; (3) no increase in net TMRD; and (4) no decrease in existing amount of core area.
- 52. The conclusion that adherence to these terms would avoid jeopardy to the survival of the grizzly bear was in part based upon available evidence that

the Cabinet-Yaak population was increasing, bears were reproducing, and the mortality rate was decreasing.

- Three years later, the Selkirk/Cabinet-Yaak Grizzly Bear Subcommittee of the IGBC adopted what it called the "Interim Access Management Rule Set" (1998 Rule Set). The 1998 Rule Set required the following: (1) strive to provide a minimum of 70 percent habitat effectiveness (security) in each Bear Management Unit (BMU); (2) no net loss of existing core habitat in Priority 1, 2, and 3 BMUs; (3) work to achieve 55% core habitat; (4) no net increase in OMRD; and (5) no net increase in TMRD.
- 54. The 1998 Rule Set did not adopt numeric thresholds for OMRD or TMRD, minimum sizes for core habitat blocks, or minimum durations for the protection of core habitat blocks.
- 55. The Forest Service adopted the 1998 Rule Set without initiating ESA §7 consultation with the Wildlife Service.
- 56. On January 24, 2000, Plaintiff filed a complaint in the U.S. District Court for the District of Montana, in part to challenge the fact that the 1998 Rule Set did not undergo ESA §7 consultation, and to force the Forest Service to adopt Forest-wide standards for road density on the Kootenai National Forest, as envisioned and ordered by the 1995 ITS. *Alliance for the Wild*

Rockies v. Powell, CV 00-13-M-DWM, Amended Complaint (D. Mont.

In a settlement agreement approved by the district court on March 25, 2001,

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March 2, 2000).

Amendments" for the Forest Plan, and to consult with the Wildlife Service on those Access Management Amendments pursuant to §7 of the ESA.

In March 2002, the Forest Service completed the Final EIS for the Access

the Forest Service agreed, among other things, to address Forest-wide

- Management Amendments. On February 9, 2004, the Wildlife Service issued a Biological Opinion and Incidental Take Statement for the Access Management Amendments. In March 2004, the Forest Service published a Record of Decision approving the Access Management Amendments.
- 59. The Access Management Amendments set standards loosely derived from a research report produced in 1997 by Idaho Fish & Game Department

 Biologist Wayne Wakkinen and Wildlife Service biologist Wayne Kasworm (1997 Wakkinen Study). Wakkinen and Kasworm collected research data from six radio-collared grizzly bears in the Selkirk and Cabinet-Yaak

 Ecosystems to determine the maximum levels of open and total route density, and minimum level of core habitat, that grizzly bears could tolerate.

The study found that the common denominators that all six bears tolerated

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61. The authors noted that a minimum core size was probably between two square miles and eight square miles.

were 72% core habitat, 17% OMRD, and 14% TMRD.

- 62. After the study was completed, two of the six bears (one-third of the study population) were killed.
- 63. The average of the densities tolerated by the bears were 55% core habitat, 33 % OMRD, and 26% TMRD. These are the numbers the agencies chose to use as the basic Forest-wide habitat standards for the Cabinet-Yaak grizzly bear in the Access Management Amendments.
- 64. Conservation groups disagreed that standards derived from the averages in the 1997 Wakkinen Study were sufficient to conserve and recover the Cabinet-Yaak grizzly bear, and they filed suit to challenged the adoption of the standards. *Cabinet Resource Group v. U.S. Fish and Wildlife Service*, 465 F.Supp.2d 1067 (D. Mont. 2006). The groups argued that the habitat parameters measured in the Wakkinen study merely reflect the bears' selection of the best habitat available on an already degraded landscape where the bear population is already heading toward extinction, thus the averages of those parameters are not adequate to recover the bear

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misplaced.

Some Wildlife Service biologists also had expressed reservations about the Wakkinen's study's findings as a result of these shortcomings. Two

biologists who commented on a draft of the Wakkinen study in 1996 stated:

population. Moreover, in light of the fact that the habitat conditions proved

lethal to one-third of the study population and that one bear reached full

adulthood during the study, reliance on those averages was further

We remain concerned that we are studying bears and drawing conclusions from their use in an already degraded environment. Are we developing habitat-use conclusions from grizzly bears that are just barely getting by? Or are the grizzly bears thriving and successfully reproducing in the study areas? You state in the discussion that survival and reproduction success must be considered when selecting animals to use as the basis for standards-we support this and recommend including additional information on this topic. If the grizzly bears are not thriving in the existing environmental baseline, we may need to develop open road densities, total road densities, and core standards that are more conservative than would be indicated by this study.

66. Again in 1998, when Wakkinen's 33% OMRD, 26% TMRD, and 55% core habitat standards were before the IGBC's Cabinet-Yaak/Selkirk

Subcommittee as proposed standards for access management, a biologist in the Fish & Wildlife Service's Spokane office questioned the adequacy of the Wakkinen parameters:

This office has never concurred with the minimum 55% core

available and most defensible scientific information available

on the core security needs of female grizzly bear comes from the combined data sets: SE-CYE, 55% core (n=6) and the

suggested by the SE/CYE Access Task Group. The best

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NCDE 68% core (n=8), arithmetic mean of 61.5% core (n=14).
Accordingly, we propose a long-term strategy based on 61.5% core with concomitant reductions in open road density and total road density.

A Telephone Conversation Record of a conference call among Fish &

Wildlife Service biologists on March 22, 2001 suggested that the authors of the 2004 Biological Opinion initially disregarded the Wakkinen study in favor of a more protective standard that they deemed more accurate, but that they were overruled by superiors within the agency. The Telephone Conversation Record stated:

I also reminded Carole that when we first started writing this BO [biological opinion], we suggested managing for criteria that is greater than the "Waynes" numbers because of our concern with data size, better applicable data sets on female home ranges from the [Northern Continental Divide Ecosystem], etc. However, we were told by Helena that any BO requiring standards in excess of the "Waynes" numbers would not be supported, and Chris Servheen in fact, stated that he would go directly to our Regional Director and recommend that she not support such a BO.

68. Although the district court eventually concluded that the standards satisfied the ESA, the court set aside adoption of the Access Management

Amendments as a violation of the National Environmental Policy Act ("NEPA") for failing to address the flaws in the Wakkinen Study. More specifically, the agencies failed to address the significance of the fact that the bears may have been simply choosing the best available habitat on a degraded landscape and that hypothesis could not be tested unless the conditions were studied in comparison to the larger landscape area. The Court concluded:

Given the statements of the Wakkinen authors, the misgivings of other biologists about the range of habitat choices available to the bears, and the ongoing mortality problems in these populations, there can be no ...accurate prediction of the impact of the proposed action until the Forest Service has assessed the importance of the missing information.

...

The [new] analysis [upon remand] must acknowledge that the Wakkinen study's authors were unsure whether the bears they studied had chosen optimal habitat or whether they simply chose the best habitat available from a degraded landscape. The analysis must assess the relevance and importance of this flaw in the Wakkinen study. In so doing, the analysis must take into account the misgivings of Fish & Wildlife Service biologists over the 33/26/55 standard, the findings of other studies measuring habitat parameters in other ecosystems, and the state of grizzly bear mortality in the Cabinet-Yaak and Selkirk Recovery Zones.

- 69. On May 17, 2007, the Wildlife Service withdrew the Biological Opinion it had issued for the EIS that was set aside by the district court's opinion.
- 70. After the district court set aside the Access Management Amendments, the Forest Service produced an internal memorandum in 2006 that it referred to as the "interim rule set" for grizzly bear management.
- 71. The Forest Service stated that the interim rule set standards were derived from the 1987 Kootenai Forest Plan, consultations since 1987, the 1995 ITS, and the 1998 Rule Set.
- 72. The standards require (1) habitat effectiveness greater than or equal to 70%; (2) ORD less than or equal to 0.75 miles/square mile, which is measured by taking the average of all BAAs within a BMU; (3) no net increase in OMRD; (4) no net increase in TMRD; (5) no net decrease in core area; (6) work to achieve 55% core, and (7) no increase in existing open motorized trail density.
- 73. The Forest Service did not conduct ESA § 7 consultation for the interim rule set.

C. Analysis for the Grizzly, Miller West Fisher, and Little Beaver Projects

- 74. The Wildlife Service has declared that "[i]f human related disturbances such as road use or timber harvest continue in preferred habitats for extended periods of time, historical bear use of the area may be lost"
- 75. The 1993 Grizzly Bear Recovery Plan stated that "at some point in time, probably associated with the degree of stress, grizzly bears will no longer use certain portions of their former range. Therefore, each new action has the potential of being 'the last straw' from the standpoint of the bear . . ."
- 76. The Wildlife Service has noted the detrimental effects of logging in particular:

Timber management programs may negatively affect grizzly bears by (1) removing thermal, resting, and security cover; (2) displacement from habitat during the logging period; and (3) increases in human/grizzly bear confrontation potential or disturbance factors as a result of road building and management. New roads into formerly unroaded areas may cause bears to abandon the area.

77. Moreover, the Wildlife Service concluded over 14 years ago that "high open and total road densities in [some] areas [of the Forest] are impairing essential behavioral patterns, increasing mortality risk, and resulting in significantly less use of habitat than expected"

78. Instead of refraining from logging and road-building in occupied grizzly bear habitat until the bear shows signs of recovery or at least stabilization, the Forest Service has just concurrently approved three more road-building and commercial logging project in occupied bear habitat: the Grizzly, Miller West Fisher, and Little Beaver Projects.

1. Grizzly Project

- 79. The Grizzly Project is located within BMUs 11 and 14 in the Cabinet-Yaak Recovery Zone.
- 80. The Grizzly Project authorizes 907 acres of commercial logging, the construction of 3.2 miles of new temporary road, the temporary re-opening of five miles of restricted roads, and the permanent re-opening of 3.5 miles of road to public access.
- 81. The Grizzly Project also authorizes road decommissioning, but the Forest Service admits that funding is not secure for road decommissioning and states that "[t]he restoration actions that are proposed are not designed to balance out the impacts of the proposed actions. They are proposed as opportunities to pursue, if funding is available."
- 82. Despite their statement that road decommissioning is "not intended to balance out the impacts" of the Grizzly Project, the Forest Service nonetheless analyzed the impacts of the Grizzly Project as if funding were guaranteed for all road decommissioning activities. If funding is not available for road decommissioning, the Grizzly Project will permanently decrease core habitat and permanently increase both total motorized route density and open motorized route density.

- 83. Assuming that all road decommissioning will be funded, the Grizzly Project will still result in a temporary (four to five year) decrease in the existing amount of core area in the Grizzly Project area. In BMU 14, the Grizzly Project will reduce the existing amount of core from 56% to 55% during implementation. In BMU 11, the Grizzly Project will "temporarily affect" 280 acres of core, which implies that core will "temporarily" decrease by 280 acres.
- 84. The Grizzly Project did not set a minimum size or duration for each core area.
- 85. The Grizzly Project will cause a temporary (four to five year) increase in the percentage of the area with an open motorized route density over one mile road/square mile (OMRD) in both BMUs. In BMU 11, 28% of the area already has over one mile of open road & motorized trail per square mile, and during the Project 31-32% of the area will have over one mile of open road & motorized trail per square mile. In BMU 14, 28% of the area already has over one mile of open road & motorized trail per square mile, and during the Project 29% of the area will have over one mile of open road & motorized trail per square mile.
- 86. The Forest Service does not disclose ORD at the BAA level, thus it is impossible to determine compliance with the 1995 ITS. At least some of the BAAs must already exceed 0.75 miles of open road per square mile if almost one-third of each BMU already has over 1.00 miles of open road & motorized trail per square mile. The temporary or permanent increase of 11.7 miles of open roads in the Project area will increase ORD in at least some BAAs. Thus, increases in BAAs that already exceed 0.75 miles/square mile are likely.

87. The Forest Service admits that "[g]rizzly bears may be disturbed or temporarily displaced from project activities" authorized by the Grizzly Project.

2. Miller West Fisher Project

- 87. The Miller West Fisher Project is located within BMUs 6 and 7 in the Cabinet-Yaak Recovery Zone and within the Cabinet Face BORZ..
- 88. The Miller West Fisher Project authorizes 1,896 acres of commercial logging, including helicopter logging, and the construction of 3.29 miles of new temporary road.
- 89. These activities will result in ORD levels in several BAAs that increase above 0.75 miles road/square mile. During Alternative 6, subdivision A activities, the Project alone will increase ORD in BAA 566 from 0.54 to 1.05. When the effects of these activities are added to other simultaneous effects from other activities, ORD will also increase during Project implementation in BAA 565 from 0.24 to 1.40, in BAA 566 from 1.11 to 1.44, and in BAA 6-7-4 from 0.55 to 1.08. During other Alternative 6 activities, the Project alone will increase ORD in BAA 566 from 1.11 to 1.94. When the effects of these activities are added to other simultaneous effects, ORD will increase in BAA 565 from 0.24 to 1.40, in BAA 566 from 1.11 to 2.09, and in BAA 6-7-4 from 0.55 to 1.08.
- 90. The Forest Service believes that one effect of increasing open road density in the Recovery Zone via the Miller West Fisher Project will be "short-term disturbance and/or temporary displacement of grizzly bears."
- 92. Overall, the Forest Service estimates that bears will be displaced from 5,303 acres within the Recovery Zone as a result of the Project.

- 93. Within the Cabinet Face BORZ, the linear open road density is already above 0.75 miles/square mile at 2.2 miles/square mile.
- 94. The Miller West Fisher Project will reopen 1.13 miles of road in this area during the multiple years of Project implementation.
- 95. The Forest Service acknowledges that timber harvest in the Cabinet Face BORZ "may displace grizzly bears from the area surrounding [logging] units during the period of activity." In particular, the Forest Service acknowledges that helicopter logging may displace bears up to one mile.
- 91. The Forest Service estimates that logging activities for the first timber sale will take 2-5 years, and that other timber sales may follow.
- 92. The Miller West Fisher Project does not set a minimum size and duration for each core habitat area.

3. Little Beaver Project

- 93. The Little Beaver Project is located on the Cabinet Ranger District of the Kootenai National Forest, within the Clark Fork Outside Bear Recovery Zone (BORZ) "recurring use" polygon, an area that is technically not within the administrative boundaries of the "Recovery Zone," but is directly adjacent to the "Recovery Zone."
- 94. Grizzly bears repeatedly inhabit and are killed by humans in the Clark Fork BORZ, including two human-caused mortalities last year alone.
- 95. The Forest Service concedes that "based on impacts from roads, incidental take of grizzly bear likely is occurring on those portions of the KNF and IPNF outside the recovery area. The values (higher than those research has shown to impact bears) also show the level of take is higher in these areas than inside the recovery zone, which is being managed specifically for

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grizzly (i.e. lower road densities, higher security levels, less overall 1 disturbance)." 2 The Little Beaver Project authorizes 1,185 acres of commercial logging, 96. 3 including helicopter logging, and 5.5 miles of new permanent road 4 5 construction, 2.3 miles of new temporary road construction, and 2.4 miles of road reconstruction. 6 The open road density in the area is already 0.9 miles/square mile. 7 97. 98. The Forest Service admits that "during hauling on new or previously closed 8 roads, grizzly bears may be temporarily displaced from approximately 2,265 9 acres." 10 The Forest Service also admits that logging activities "may temporarily 99. 11 displace grizzly bears from approximately 3,269 acres during the period of 12 activity." 13 14 VII. CLAIMS FOR RELIEF 15 FIRST CLAIM FOR RELIEF 16 The Forest Service's conclusion, and the Wildlife Service's concurrence, that the 17 Grizzly and Miller West Fisher Projects are "not likely to adversely affect" the 18 grizzly bear are arbitrary and not based upon the best available science, in violation of Section 7 of the ESA. 19 20 100. All above paragraphs are incorporated by reference. 21 The ESA requires that the Forest Service and Wildlife Service use the best 101. 22 23 available science when consulting on the likely effect of site-specific 24 actions on National Forests. 25 26 27 28

The APA requires that the Forest Service and Wildlife Service base their

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decisions on substantial supporting evidence in the record. Decisions cannot be contrary to the evidence in the record and cannot fail to consider an important factor. There must be a rational connection between the facts in the record and the decision.

- 103. The ESA requires reconsultation for ongoing actions "if new information reveals effects of the action that may affect listed species . . . in a manner or to an extent not previously considered" in an initial Biological Opinion/Incidental Take Statement.
- 104. The agencies violate the ESA by approving the Grizzly and Miller West Fisher Project because their "no adverse effect" conclusion is arbitrary and not based upon the best available science.
- The agencies' failure to comply with the 1995 ITS equates to unpermitted 105. take, which is an adverse impact. The Grizzly and Miller West Fisher Projects violate the 1995 ITS by failing to assign and apply a minimum core habitat size and duration (as required by the incorporation of the 1994 IGBC parameters as the best available science), allowing increases in open road density in affected Bear Analysis Areas, and allowing decreases in existing blocks of core habitat.

- Even if the agencies comply with the 1995 ITS standards, those standards are not based upon the best available science and thus cannot be relied upon. The facts in the record indicate that the ITS premised its no jeopardy conclusion upon the science available at the time that the bear population was increasing and the mortality rate was decreasing. Since that time, the agency's own science has changed and now shows that the bear population is declining to the point of extinction and the mortality rate is increasing. The agency's own available science also shows that implementation of the ITS standards have failed to protect the bear. In light of this significant new information, the agencies cannot rely on compliance with the 1995 ITS; they must reinitiate formal consultation on the 1995 ITS standards.
- 107. Any reliance on the Wakkinen Study averages is also arbitrary because it is irrational to rely on status quo habitat conditions that are causing extinction, and the Wakkinen Study averages do not even preserve the status quo conditions. Preserving a failing status quo is "irreparable harm." The agencies' conclusion that this irreparable harm is not an adverse impact is irrational and thus arbitrary and not based upon the best available science.
- 108. The agencies' conclusion that it does not adversely affect grizzly bears to be continuously "temporarily" displaced from occupied habitat is also arbitrary

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and not based upon the best available science. Cumulatively, the Grizzly and Miller West Fisher Projects will cause displacement from thousands of acres of occupied grizzly bear habitat in roughly the same time period, including displacement from helicopter logging authorized by the Miller West Fisher Project. This impact is in addition to all of the other ongoing logging and road use activities occurring concurrently in occupied grizzly habitat. In addition to displacement caused by the logging itself, the opening and closing of roads shifts areas of secure habitat forcing grizzly bears in the area to move elsewhere to find other secure habitat. Continuous displacement over multiple years from occupied habitat meets the definition of "take" under the ESA, and thus must also amount to an "adverse effect" on the grizzly bears. Additionally, the evidence in the record shows that continuous logging activities harm bears and are correlated with an everincreasing probability of extinction.

SECOND CLAIM FOR RELIEF

The Grizzly and Miller West Fisher Projects will cause unpermitted "take" of the threatened Cabinet-Yaak grizzly bear and therefore violate Section 9 of the ESA.

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109. All above paragraphs are incorporated by reference.

- 10. Section 9 of the ESA forbids any individual from "taking" an ESA-listed species. "Take" is defined to include "harass." "Harass" is defined as an "intentional or negligent act . . . which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding, or sheltering."
- 111. The Forest Service is permitted to cause incidental "take" of grizzly bears in the Cabinet-Yaak Grizzly Bear Recovery Zone in accordance with the terms of the 1995 ITS. If the Forest Service does not comply with those terms, the take is not permitted absent a new formal biological opinion and incidental take statement.
- 112. The Grizzly and Miller West Fisher Projects cause an unpermitted "take" of the Cabinet-Yaak grizzly bear because they violate the terms of 1995 ITS.

 The Grizzly and Miller West Fisher Projects fail to assign and apply a minimum core habitat size and duration (as required by the incorporation of the 1994 IGBC parameters as the best available science), allow increases in open road density in affected Bear Analysis Areas, and allow decreases in existing blocks of core habitat.

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13. The Grizzly and Miller West Fisher Projects also cause unpermitted take of the Cabinet-Yaak grizzly bear by allowing harassment, in the form of continuous displacement from occupied habitat over multiple years, which significantly disrupts the bears' normal behavioral patterns.

THIRD CLAIM FOR RELIEF

The approvals of the Grizzly, Miller West Fisher, and Little Beaver Projects violate NEPA because the agencies did not take a hard look at the adequacy of the habitat standards applied.

- 114. All above paragraphs are incorporated by reference.
- 115. NEPA requires that agencies take a hard look at the environmental effects of their actions.
- 116. The APA prohibits agencies from making decisions that fail to consider an important factor.
- 117. In violation of NEPA and the APA, the agencies fail to consider the important factor of whether the application of the interim rule set standards will facilitate the bear's trend toward extinction in light of the fact that the interim rule set standards weaken the already failing ITS standards.
- 118. In violation of NEPA and the APA, the agencies fail to consider the important factor of whether the ITS standards are still valid in light of their admitted failure to conserve the bear population, their correlation instead to

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an ever-increasing probability of extinction, and their basis on stale scientific evidence that the bear population was increasing and the mortality rate was decreasing.

- 19. In violation of NEPA and the APA, the agencies fail to consider the important factor that the Wakkinen study authors were unsure whether the average standards conserve adequate habitat conditions for bear recovery or simply represent the averages of the best habitat available on a degraded landscape. The agencies also fail to assess the relevance and importance of this flaw in the Wakkinen study. In particular, the agencies failed to acknowledge and discuss the significance of the misgivings of Fish & Wildlife Service biologists over the 33/26/55 standard, the findings of other studies measuring habitat parameters in other ecosystems, and the state of grizzly bear mortality in the Cabinet-Yaak and Selkirk Recovery Zones.
- 120. In violation of NEPA and the APA, the agencies fail to consider whether the standards, or lack thereof, applied to occupied grizzly bear habitat outside the Recovery Zone in "BORZ" polygons are adequate in light of the Forest Service's admission that incidental take is higher in BORZ polygons than in the Recovery Zone.
- 121. In light of the failure to acknowledge and discuss these factors, the Forest

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Service must complete a supplemental EIS for both the Projects.

FOURTH CLAIM FOR RELIEF

The approvals of the Grizzly, Miller West Fisher, and Little Beaver Projects violate NEPA because the agencies did not consider the cumulative impact of continuously displacing bears from occupied habitat via logging and opening and closing roads and shifting available core habitat.

- 122. All above paragraphs are incorporated by reference.
- 123. NEPA requires that agencies take a hard look at the cumulative environmental effects of their actions. Cumulative environmental impacts result "from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions" If an action may have a significant cumulative impact, the agency must prepare a full EIS.
- 124. The APA prohibits agencies from making decisions that fail to consider an important factor
- 125. Collectively, the Projects authorize the construction of over 14 miles of new roads (permanent and temporary), the reconstruction of 2.4 miles of roads, the temporary re-opening of 5 miles of closed roads, and the permanent re-opening of 3.5 miles of road in occupied grizzly bear habitat. The Projects further authorize 3,988 acres of commercial logging in occupied grizzly bear habitat, including helicopter logging. The other ongoing road use and

logging projects in occupied grizzly bear habitat are not fully disclosed.

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- None of the decisions for the Projects address the cumulative impact on the Cabinet-Yaak grizzly bear population from continuous displacement from logging in addition to continuous displacement from constantly opening and closing roads and shifting of core habitat blocks in occupied grizzly bear
- In particular, the agencies' failure to address the constant shifting of core 127. habitat blocks is critical in light of the agencies' failures to (a) designate a minimum core habitat block size, (b) enforce a minimum 10 year duration for each core habitat block size, and (c) refrain from decreasing existing core habitat blocks, all of which are required by the 1995 ITS.
- The three challenged Projects will have a significant cumulative impact on 128. the survival of the Cabinet-Yaak grizzly bear population, thus the Forest Service must complete a supplemental EIS for both the Grizzly Project and Miller West Fisher Project, and must complete a full EIS for the Little Beaver Project discussing this cumulative impact.

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FIFTH CLAIM FOR RELIEF

The Forest Service violates the ESA and NEPA by failing to conduct NEPA analysis ESA consultation for its interim rule set.

- 129. All above paragraphs are incorporated by reference.
- 130. The approval of management criteria that may affect ESA-listed species, including guidelines for logging and road-building, must undergo both ESA Section 7 consultation and NEPA analysis with notice and public comment.
 - to apply to land management activities until the new Access Management Amendments are implemented. The interim rule set, officially titled "Grizzly Bear Analysis Requirements in light of Judge Malloy's [sic] December 13, 2006 decision to set aside the 2002 FEIS and 2004 ROD for the Access Amendment," set forth what it called "ANALYSIS REQUIREMENTS" for land management activities in the Cabinet-Yaak Recovery Zone. The interim rule set was applied to the Grizzly and Miller West Fisher Projects.
- 132. The Forest Service's failure to conduct Section 7 ESA consultation for the interim rule set violates the ESA.
- 133. The Forest Service' failure to conduct a NEPA analysis, with public notice

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and comment, for the interim rule set violates NEPA.

SIXTH CLAIM FOR RELIEF

The Forest Service violates NFMA and NEPA because the Projects allow activities that are not compatible with the needs of the grizzly bear.

- 134. All above paragraphs are incorporated by reference.
- 135. The Kootenai Forest Plan is legally enforceable under NFMA. The Kootenai Forest Plan forbids uses on MS-1 and MS-2 lands unless they are compatible with grizzly bear needs. On MS-1 lands, any conflicts are resolved in favor of the grizzly bear.
- 136. The Projects violate NEPA because all of the environmental analyses fail to take a hard look and address the important factor of whether the proposed commercial logging and road-building activities are compatible with or conflict with the needs of the grizzly bear.
- 137. The Projects also violate NFMA because all of the evidence in the record indicates that construction of over 14 miles of new roads (permanent and temporary), reconstruction of 2.4 miles of roads, the temporary re-opening of 5 miles of closed roads, the permanent re-opening of 3.5 miles of road, and 3,988 acres of concurrent commercial logging in occupied grizzly bear habitat are not compatible with the needs of this fragile grizzly bear

population that is on the brink of extinction. Additionally, both the Little Beaver Project and Miller West Fisher Project allow helicopter logging, which is also an incompatible use. Thus, the approval of the Projects violate the Kootenai Forest Plan and accordingly violate NFMA.

VIII. REQUEST FOR RELIEF

For all of the above-stated reasons, Plaintiff requests that this Court:

- A. Declare that the Forest Service's "not likely to adversely impact" conclusion regarding the grizzly bear, and the Wildlife Service's concurrence with that conclusion, for the Grizzly Project and Miller West Fisher Project are arbitrary and in violation of the ESA;
- B. Declare that the Grizzly Project and Miller West Fisher Project cause unpermitted take, in violation of the ESA;
- C. Declare that the agencies fail to take a hard look at the adequacy of the habitat standards applied to the Projects, in violation of the APA and NEPA;

- D. Declare that the Forest Service's failure to address the cumulative impact on the Cabinet-Yaak grizzly bear population from continuous displacement from logging and shifting core habitat is arbitrary and in violation of NEPA;
- E. Declare that the Forest Service's failure to conduct a NEPA analysis for the interim rule set violates NEPA;
- F. Declare that the agencies' failure to conduct ESA consultation for the interim rule set violates ESA;
- G. Declare that the Forest Service's failure to address whether the commercial logging, including helicopter logging, and road construction, reconstruction, and re-opening authorized by the Projects are uses compatible with the needs of the Cabinet-Yaak grizzly bear violates NEPA;
- H. Declare that the commercial logging, including helicopter logging, and road construction, re-construction, and re-opening authorized by the Projects are uses that are not compatible with the needs of the Cabinet-Yaak grizzly bear, in violation of NFMA;
- I. Enjoin the implementation of the Projects;

Award Plaintiff its costs, expenses, expert witness fees, and reasonable J. attorney fees under EAJA and the ESA; and K. Grant Plaintiff such further relief as may be just, proper, and equitable. Respectfully submitted this 16th Day of November, 2009. /s/ Rebecca K. Smith Rebecca K. Smith PUBLIC INTEREST DEFENSE CENTER, PC Timothy M. Bechtold BECHTOLD LAW FIRM, PLLC Attorneys for Plaintiffs