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                       EASTERN DISTRICT OF WASHINGTON
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     WILDEARTH GUARDIANS, WESTERN)
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     WATERSHEDS PROJECT, and KETTLE)
     RANGE CONSERVATION GROUP,
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                                             Case Number: 2:20-cy-00223-RMP
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          Plaintiffs,
23
                                             PLAINTIFFS' MOTION FOR
           V.
24
                                             SUMMARY JUDGMENT AND
25
                                             MEMORANDUM IN SUPPORT
     GLENN CASAMASSA, Pacific
     Northwest Regional Forester, U.S.
26
     FOREST SERVICE; RODNEY
                                             Oral Argument Requested
27
     SMOLDON, Forest Supervisor, Colville
     National Forest, and U.S. FOREST
28
     SERVICE,
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Defendants,
)
and
)
Diamond M Ranch, a Washington General)
Partnership,
)
Defendant-Intervenor.

Pursuant to Federal Rule of Civil Procedure 56 and Local Rule 56, Plaintiffs Wildearth Guardians, Western Watersheds Project, and Kettle Range Conservation Group respectfully request that this Court grant summary judgment and relief in Plaintiffs' favor in the above-captioned action.

Plaintiffs seek declaratory relief finding that the United States Forest Service's Final Environmental Impact Statement ("FEIS")/Record of Decision ("ROD") and revised Colville Forest Plan violate the National Environmental Policy Act ("NEPA"), 42 U.S.C. §§ 4321 *et. seq.*, the National Forest Management Act ("NFMA"), 16 U.S.C. §§ 1600 *et. seq.*, and those statutes' implementing regulations. Plaintiffs additionally seek declaratory relief that the Forest Service violated NEPA by failing to supplement

All citations to NEPA's implementing regulations in Plaintiffs' supporting memorandum are to the 1978 Council of Environmental Quality ("CEQ") regulations, 40 C.F.R. Part 1500, which were in effect at the time the USFS issued the FEIS/ROD and revised 2019 Colville Forest Plan that are challenged herein. On September 14, 2020, the Trump Administration issued a final rule revising the CEQ regulations. *See* 85 Fed. Reg. 43304 (July 16, 2020) (Update to the Regulations Implementing the Procedural Provisions of the NEPA, Final Rule). There was little substantive change, however, to the "supplemental NEPA analysis" regulation that is also at issue here. *Compare* 40 C.F.R. § 1502.9(c)(1)(ii) (1978) to 40 C.F.R. § 1502.9(d)(l)(ii)(2020).

decades-old environmental analyses for the Allotment Management Plans ("AMPs") that govern the five allotments permitted to Defendant-Intervenor, Diamond M Ranch ("Diamond M"), and the Endangered Species Act ("ESA"), 16 U.S.C. § 1536, for failing to consult with the U.S. Fish and Wildlife Service ("USFWS") over the potential impacts of livestock grazing to ESA-listed and candidate species that are either known to occur or "may be present" in the areas encompassed by the Diamond M allotments. Plaintiffs request that the Court order the Forest Service to prepare supplemental NEPA analyses that considers the effects of Diamond M's livestock grazing to gray wolves and measures to mitigate wolf-livestock conflicts and to consult with the USFWS over potential effects to ESA-listed and candidate species before issuing further grazing authorizations for the "Diamond M" allotments, 5 U.S.C. § 706(1), 16 U.S.C. § 1540(g). Plaintiffs further request that the Court vacate and set aside the FEIS/ROD and revised Colville Forest Plan as they relate to wolves and domestic livestock grazing and remand the matter to the agency to correct its NEPA and/or NFMA violations.

This motion is supported by the attached Memorandum of Points and Authorities, Exhibits 1 to 13 attached to the Declaration of Jennifer R. Schwartz, the Declarations of Carter Niemeyer, Jocelyn Leroux, and Timothy Coleman, and the Administrative Records certified by Federal-Defendants (referenced as "AR" "DM" and "FP"). Plaintiffs' standing to pursue this action is set forth in Plaintiffs' Compl. ¶¶ 12-20 (ECF No. 1), as well as in the attached declarations of Jocelyn Leroux and Timothy Coleman.

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EXHIBIT LIST **Exhibit 1**: Excerpts from U.S. Forest Service, Forest Service Manual, FSM 2600-Wildlife, Fish, and Sensitive Plant Habitat Management Chapter 2670, Sections 2672.24 to 2672.43 Exhibit 2: Excerpts from U.S. Forest Service, Final Environmental Impact Statement for the Malheur, Umatilla, and Wallowa-Whitman National Forests Land Management Plans (Volume 2: Chapter 3) ("FEIS for the Blue Mountains Forest Plan revisions") **Exhibit 3**: Richard Read, One ranch, 26 wolves killed: *Fight over endangered predators* divides ranchers and conservationists, Los Angeles Times (Dec. 18, 2019) **Exhibit 4**: Josh Adler, Controversial killing of wolves continues in Washington State, National Geographic (August 17, 2020) Exhibits 5: Washington Dept. of Fish & Wildlife, Incident Report Forms for Livestock Depredations in July 2020 Exhibit 6: Washington Dept. of Fish & Wildlife, July 27, 2020 and August 17, 2020 lethal removal updates regarding the Wedge Pack Exhibit 7: U.S. Forest Service, Forest Service Handbook, FSH 2209.13 - Grazing Permit Administration Handbook, Chapter 90 – Rangeland Management Decisionmaking Exhibit 8: 1979 Evaluation and Environmental Assessment Report for the Lambert allotment and the 1976 Environmental Analysis Report for the Copper-Mires allotment. Exhibit 9: August 3, 2020 Letter and Photographs regarding Diamond M's turnout of small calves from The Lands Council. Exhibit 10: Gabriel Richard Spence, M.S., Wolf Predation on Livestock in Washington, WSU Abstract (July 2017) Exhibit 11: Don Jenkins, Wolves breed problems for Washington ranchers, Capital Press (May 29, 2018) **Exhibit 12**: Matthew Weaver, Washington wildlife managers kill wolf, Capital Press (August 8, 2012)

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Exhibit 13: Washington Dept. of Fish & Wildlife, Incident Report Forms for Livestock Depredations in 2019 and Conference call notes regarding OPT Pack 2018 depredation incidents.

LIST OF ACRONYMS

	LIST OF ACRONYMS
AOI	Annual Operating Instruction
AMP	Allotment Management Plan
BA	Biological Assessment
EA	Environmental Assessment
EIS	Environmental Impact Statement
ESA	Endangered Species Act
FSH	Forest Service Handbook
FSM	Forest Service Manuel
USFWS	United States Fish and Wildlife Service
NEPA	National Environmental Policy Act
NFMA	National Forest Management Act
ROD	Record of Decision
USFS	United States Forest Service
WDFW	Washington Department of Fish and Wildlife

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INTRODUCTION

The 193 million acres of land within the National Forest System provide the foundation for much of our nation's biodiversity—containing the vast majority of remaining old-growth forests and some of the best habitat for rare species and iconic carnivores in need of large home ranges like the gray wolf, grizzly bear, and lynx. The National Forest Management Act ("NFMA") requires the U.S. Forest Service ("USFS") to manage national forests for diverse and viable wildlife populations. As such, the agency's role is not limited to simply managing the physical components of the land itself; it also must manage human activities it authorizes to occur on these invaluable public lands in a manner that protects wildlife from undue harm. In this sense, the USFS and our state and federal wildlife agencies act as legal co-trustees responsible for ensuring the ability of vulnerable species to persist on the American landscape.

The USFS abdicated this responsibility in the case of gray wolves, which only began reclaiming their historic habitat on the Colville National Forest (the "Colville") in northeast Washington little over a decade ago. By failing to assess the impacts of federally permitted livestock grazing on newly recolonizing gray wolves, a state-listed endangered and USFS sensitive species, and by willfully refusing to consider management direction to reduce or avoid wolf-livestock conflicts on the Forest, the USFS violated both NFMA and the National Environmental Policy Act ("NEPA"). To date, USFS officials have sat idly by while the Washington Department of Fish and Wildlife

("WDFW") killed 31 wolves in response to cattle depredations on the Colville, most of which have been at the behest of one ranching corporation—Diamond M Ranch ("Diamond M") —which grazes its cows and young calves in heavily-treed portions of the National Forest. The USFS also abdicated its responsibility under the Endangered Species Act ("ESA"), by failing to ensure Diamond M's cattle grazing doesn't also impede the recovery of critically imperiled wildlife like the threatened Canada lynx and Grizzly bear. Plaintiffs, non-profit conservation organizations, now turn to this Court for declaratory and injunctive relief. Compl., ¶¶A-I (ECF No. 1).

FACTUAL BACKGROUND

I. The Gray Wolf's Historic Return to Washington and Current Status

Although gray wolves were once an abundant native species in Washington, with as many as 5,000 ranging throughout the state, the species was persecuted with more passion and zeal than any other animal in U.S. history. Wolves had been largely extirpated from Washington by the 1930s through trapping, poisoning and shooting. FP015358, 015365-70; DM02913, 02691 (WDFW 2011).

By the time the ESA passed in 1973, very few wolves remained in the lower 48 states and the gray wolf (*canis lupus*) was among the first species to be listed as endangered and afforded federal protections under the Act. *Id.*; FP015386-89. In 1980, when the gray wolf was added to Washington's State's list of endangered species, there were few reports of wolf sign in the state. *Id.* But, in 1995-96, USFWS reintroduced

wolves to Yellowstone National Park and central Idaho as part of ESA recovery efforts. *Id.* As this Northern Rockies wolf population expanded, it became a source population for wolves dispersing into the Pacific Northwest in the early 2000s. *Id.*; FP15371-75.

In 2008, Washington's first two wolf packs since the 1930s were confirmed. *Id.*With less than a dozen wolves to start, the tiny population was able to triple in size by 2012 (still only totaling around 40 wolves statewide). AR01835. Since 2016, however, the state's annual population growth rate has mostly hovered around 3% to 6%. *Id.* At the end of 2019, WDFW counted 108 wolves in 21 packs of which 10 were successful breeding pairs. AR01823 (also noting one less successful breeding pair in 2019). Most of Washington's wolf population growth has occurred in its northeast corner, encompassing the Colville National Forest, and is comprised of wolves both dispersing from neighboring states and southward from British Columbia, Canada. AR01828, 01838.

Wolf conservation and management at both the federal and state levels have been fraught with controversy. Several attempts by USFWS to prematurely remove or curtail federal protections for gray wolves under the ESA were found unlawful by federal courts. In 2011, however, Congress legislatively delisted gray wolves in the Northern Rockies region through an Appropriations Act rider, removing ESA protections for gray

¹ See e.g. Wildearth Guardians, et. al. v. Bernhardt, et. al., No. 3:21-cv-00349 (filed Jan. 14, 2021) (challenging 2020 nationwide wolf delisting rule and listing long history of cases invaliding prior rules to remove ESA protections for wolves).

wolves in Montana, Idaho, Wyoming, and the eastern one-third of Washington and Oregon. FP015388. Since then, wolf populations in those areas have been managed by state wildlife agencies under the auspices of individual state wolf management plans. And despite the fact that gray wolves still occupy less than 15% of their historic habitat in the contiguous U.S., the Trump administration just issued a final rule removing ESA protections for the species nationwide. 85 Fed. Reg. 69778 (Nov. 3, 2020)(Final Rule).

Though currently federally delisted throughout the country, the gray wolf remains a state-listed endangered species in Washington. Under state law, once a species is listed as endangered, WDFW is required to write a species recovery plan with target population objectives, an implementation plan to reach those objectives, and criteria for delisting, education, and monitoring. WAC 220-610-110 §11.1. In 2011, WDFW finalized its Wolf Conservation and Management Plan ("WA wolf plan"). FP015348.

According to the WA wolf plan, wolves will be removed from the state's list of endangered species when 15 successful breeding pairs are present for three consecutive years, with four such pairs in each of the state's three recovery regions and three additional pairs anywhere in the state. FP015414. As the plan acknowledges, 15 breeding pairs, which represent an estimated 97-361 wolves, is a "minimal objective to achieve recovery" and "well below" the number experts concluded are needed for long-term persistence of an isolated wolf population. FP015416. In fact, several recent studies suggest that "populations of several thousand individuals may be needed to ensure long-

term persistence (>90% probability for 100 years)." FP015398. Indeed, two of the three blind peer reviewers said the plan's recovery objectives were inadequate. FP015416. At any rate, the plan acknowledges that the state's wolf population would have to grow beyond 15 well-distributed breeding pairs to remain viable long-term. FP015417.

Finally, the gray wolf, in addition to being a state-listed endangered species, is also a USFS designated "sensitive species" in the Pacific Northwest region. FP108617.

Sensitive species are "plant and animal species identified by a Regional Forester for which population viability is a concern, as evidenced by significant current or predicted downward trends in population numbers or density and habitat capability that would reduce a species' existing distribution." FP147631. USFS policy directs the agency to use the NEPA process to assess the impacts of USFS programs and activities on sensitive species, to mitigate any adverse impacts thereto, and to integrate conservation and recovery objectives for sensitive species into forest plans. FP147623-28; Ex. 1.

II. Wolf Killings in Response to Conflicts with Livestock

Wolves, as "habitat generalists," aren't primarily threatened by habitat loss like so many other imperiled species; rather, the greatest threat to the wolf's recovery and long-term viability is human intolerance—mortality from illegal poaching, government sanctioned hunting and trapping, and lethal removal actions due to conflicts with livestock. FP015358; DM02691, 02696; Ex. 2, p.18.

Gray wolves predominantly live in packs, which hunt, feed, travel, and rear pups together. FP015375-78. A wolf pack usually consists of a breeding pair, their offspring from the previous year, and new pups. Most packs produce only one litter each year, which are usually born in April. *Id.* As wolf pups become adults, they may disperse from their pack to establish new home-territories and start new packs, sometimes traveling hundreds of miles before settling in a new area and finding a mate. FP015381.

Wolves are highly social animals, and a wolf pack has a well-established social structure. FP015376-78. When humans remove a wolf from a pack, pack structure and dynamics are disrupted, and the survival of the pack's pups may be endangered. Removal of the breeding male or breeding female from a pack is particularly disruptive and damaging. When humans kill members of a pack and reduce pack size it can reduce the reproductive success of the wolf population. FP015489 (cited study advising against lethal control from reproducing packs and around core areas); AR02178-80 (2010 study finding wolf population growth declined even with substantially lower rates of human-related mortality than the thresholds identified in current state and federal policies).

A pack establishes an annual home territory, which is quite large, and defends it from other packs and trespassing wolves. DM02931. From spring until fall, pack activity is centered around its den and rendezvous sites, as the adults hunt and bring food back to the pups. Rendezvous sites are specific areas that wolf packs use to rest, gather, and play after the pups emerge from the den. FP015379-80.

As apex predators, wolves play a crucial role in the ecosystems where they live, having direct and indirect effects on multiple animal and plant species, and promoting biodiversity and ecosystem balance. *See e.g.* AR02171-72, 02483-88, 02591-96; FP015384-86 (describing cascading negative effects after wolves were eradicated from native ecosystems in and around Yellowstone and Olympic National Parks).

Wolves are predominantly predators of medium and large-sized mammals, such as elk and deer. FP015378-79. Gray wolves occasionally feed on livestock, but account for a tiny fraction of total livestock losses, even in areas with relatively robust wolf populations. *See e.g.* FP015426-27 (showing wolves in the Northern Rockies were responsible for less than 0.1% of cattle deaths and 0.6% of sheep deaths); DM02749-50; FP101267 (WSU study of WA wolves finding same), AR02012-13 (WA study results).

Recognizing that human killing of wolves is the biggest threat to the species, the WA wolf plan claims that "[n]on-lethal management techniques will be emphasized throughout the recovery period and beyond" to address wolf depredation on livestock (*i.e.* "wolf-livestock conflicts"). FP015435. It also established a framework for WDFW to provide livestock producers technical assistance on proactive, nonlethal management methods as well as generous compensation for livestock killed by wolves. FP015440-44. The plan also lists husbandry techniques that are useful in avoiding wolf depredation, including the use of range riders, burying of livestock carcasses, moving sick or injured livestock off grazing allotments, delaying the turnout of cattle until calving is finished or

wild ungulates are born, allowing calves to reach at least 200 pounds before turning them out, and avoiding grazing livestock near wolf territory core areas, especially dens and rendezvous sites. FP015428; 015489-93 (emphasizing protection of den sites).

Despite the fact that wolves are still state-listed as an endangered species and have yet to reach the minimum recovery objective, the WA wolf plan does allow for lethal wolf removal in response to livestock depredations. FP015435. To date, WDFW has exercised this discretion to kill 34 wolves from 10 packs, resulting in the near or total destruction of 4 packs since 2012 in response to conflicts with livestock. Of WDFW's 34 lethal control actions, over 90% were either completely or partially in response to predations of federally permitted cattle grazing on the Colville National Forest, with 30 wolves (88%) being killed largely at the behest of Diamond M. *See also* Compl., ¶¶78-99 (describing history of wolf-livestock conflicts on the Colville and those related to Diamond M). AR01942-46, 00685, 01050; Exs. 3, 4, 5, 6 & 13.

III. Management of Livestock Grazing and Conflicts with Wolves on the Colville National Forest

The 1.1-million-acre Colville National Forest spans Ferry, Stevens, and Pend Oreille Counties in northeast Washington. Geographically considered part of the northern Rocky Mountains, with the Kettle River Range on the western half and the Selkirk Mountains defining the eastern half, the Colville is mostly comprised of densely forested, rugged terrain: prime habitat for native carnivores like wolves, grizzly bear, and lynx.

The Forest also supports abundant populations of native ungulates and an array of fish, wildlife and plants, many of which are endangered, threatened or sensitive. FP108608.

Being mostly covered by thick conifer forest, the majority of the Colville provides little to no forage for domestic cattle. FP105187-88. Nevertheless, the Forest has a long history of being widely grazed by livestock. Currently, the USFS administers at least 68% of the Forest (about 745,000 acres) as grazing allotments. FP108811-13 (FEIS). But according to the agency's own range suitability assessment, only about 38% (281,999 acres) of this total allotment acreage is actually "suitable" for cattle grazing. FP108821.

Every summer, the USFS allows nearly 10,000 cows and young calves to graze the Colville's rugged, dense forests from June 1st until mid-autumn, overlapping the period when wolves are active around their dens and rendezvous sites. AR00678. In fact, just this past grazing season the USFS proposed restocking vacant allotments—adding more cattle to areas with minimal forage that are now occupied by wolves. AR01799-800.

The USFS uses the NEPA process to evaluate the effects of proposed grazing management on two levels: a programmatic EIS is used to develop forest plans and evaluate management direction for forest-wide grazing practices, *see* FP105187-212, whereas site-specific environmental analyses are used to develop Allotment Management Plans ("AMPs") for individual allotments. FP105189.

Grazing is then administered on the Forest through a permit system. *Id.* Each permit grants a license to graze on a particular allotment and establishes the number,

kind, and class of livestock to be grazed and the period of authorized use. *Id.*; 36 C.F.R. §§ 222.1–222.4; 43 U.S.C. § 1752; *Or. Natural Desert Ass'n ("ONDA") v. USFS*, 465 F.3d 997, 980 (9th Cir. 2006).

AMPs prescribe the manner in, and extent to which, grazing operations on a particular allotment will be conducted in order to meet multiple-use and other goals and objectives, including the protection of special resources occurring on the lands involved and mitigation measures for adverse impacts. 36 C.F.R. §§ 222.1(b)(2), 222.2; FP105189; Ex. 7, pp. 12-13 (FSH 2209.13 Ch. 90, § 94.1); *see also ONDA v. USFS*, 312 F.Supp.2d 1337, 1340 (D. Or. 2004).

The USFS also issues yearly instructions to grazing permitees through annual operating instructions or plans ("AOIs"). Ex. 7, p. 13 (FSH § 94.3). AOIs are used to respond to conditions that the USFS could not or may not have anticipated and planned for in the AMP, such as impacts to an imperiled species that was previously absent or undetected but has since returned or is documented in the area. *ONDA*, 465 F.3d at 980-81; FP087086 (DEIS); FP113618; FP107893 (replacing reference to "annual operating instructions" with "annual plans").

A. Diamond M Grazing Allotment Management

For roughly the past 75 years, the USFS has allowed Diamond M Ranch to graze cattle on the Colville National Forest. AR01952. In 2013, the agency issued Diamond M a 10-year term permit allowing 736 cow/calf pairs to graze between June 1 and mid-

November on the Churchill, Lambert, C.C. Mountain, Hope Mountain, and Copper-Mires allotments, which collectively span over 74,000 acres of public lands in the Colville's northern portion and Kettle River Range. DM03397-49. The NEPA analyses and associated AMPs for Diamond M's grazing on these allotments date back to the 1970s and 1980s. DM00001-115, 00221-27, 03410-500; Ex. 8.

The USFS also issues annual grazing instructions to Diamond M before the start of each grazing season, which list authorized cow/calf numbers per pasture, rotation schedules, and forage utilization standards. *See, e.g.,* AR1412-1581, 02145-60 (2013-2020 "AOIs"). Despite recurring wolf-livestock conflicts on the Diamond M allotments since 2012, including the high-profile Profanity Peak Pack conflicts in 2016, these AOIs have never incorporated measures to mitigate the problem. *See e.g.,* AR01414, 1466, 02147 (simply listing contact information for WDFW's "wildlife conflict" specialist, range rider resources, and weekly wolf conference calls).

On March 27, 2020, Plaintiffs WildEarth Guardians and Western Watersheds

Project (WWP) sent the USFS a letter notifying it of the need to supplement the decadesold NEPA analyses for the Diamond M allotments to update the AMPs in light of wolves
returning to the Forest and the series of conflicts with Diamond M's cattle in recent years.

AR02165-77. The letter discussed recommendations from state and federal wildlife
agencies for reducing wolf-livestock conflicts and pointed to the large body of science
that has developed over the last decade indicating that: (1) killing wolves does not

decrease wolf-livestock conflict; (2) non-lethal deterrents are more effective; (3) killing wolves may actually lead to more conflicts with livestock; (4) wolves play incredibly important roles in maintaining balanced ecosystems, and (5) removing wolves from their native ecosystems has cascading negative ecological consequences. *Id.*; AR02178-3172 (compilation of studies). The USFS never responded to Plaintiffs' letter or issued any public notice indicating it would prepare supplemental NEPA analyses. Defs.' Ans. ¶114 (ECF No. 12). Instead, the USFS again authorized Diamond M to graze its cattle in prime wolf habitat, including pastures that contain core wolf areas and where conflicts had occurred in 2012, 2016, 2017, 2018, and 2019 that resulted in the destruction of 4 wolf packs, without updating the AMPs or incorporating any conflict reduction measures into the 2020 AOI. See AR1412-14 (2020 AOI); DM03397 (Diamond M's permit showing it grazes Churchill, Lambert, CC Mountain, Hope Mountain, and Copper-Mires allotments); AR00685 (listing allotments involving conflicts in 2012 to 2017); AR01943-44; Exs. 3 & 4. Then, in July 2020, the USFS watched as more young calves were depredated on Diamond M's allotments and WDFW killed 3 more wolves, eliminating the remaining Pack members from the Wedge territory. Exs. 4, 5, & 6.

B. The Colville Forest Plan Revision Process

In 2011, the USFS publicly released its "Proposed Action" for revising the Colville's outdated 1988 Forest Plan, which specifically noted the need to protect wolf populations naturally returning to their historic habitat on the Colville from recovering

source populations in the Northern Rockies. FP014443, 014478. This formal scoping document, intended to elicit public feedback to develop planning alternatives in more detail, acknowledged wolves were on the Forest, including den and rendezvous sites with pups, and that the revised Plan "needs to address how these sites would be protected." FP014478. But after wolf-livestock conflicts and wolf killings emerged in 2012, the agency abandoned its proposal to protect core wolf areas. In fact, the programmatic EISs for the revised Colville Forest Plan contain only a couple passing references to wolves and zero analysis of how proposed grazing management might affect this state-listed endangered and USFS sensitive species. FP086539-87416 (DEIS); 108129-9666 (FEIS).

To meet NFMA's wildlife diversity and viability mandates at the planning level, the USFS primarily followed a "coarse filter" conservation approach to develop plan components aimed at meeting the ecological needs for terrestrial wildlife. FP108608-20; FP014061-93. This approach uses a subset of species for which viability is a concern, referred to as "surrogate species," to represent ecological conditions that are assumed to provide sustainable ecosystems for a broader group of species that share the same habitat requirements and/or risk factors. *Id.*; FP101669 (explaining terminology changes). But the experts who established this "coarse filter" conservation approach for forest planning acknowledge that it might not adequately address risk factors unique to certain species, necessitating "a species-specific approach to the analysis and plan direction," otherwise known as the "fine-filter" conservation approach. FP014064; FP014479 (Proposed

Action explaining some Plan components would apply to a large group of species, while other components would be "species specific"). In the case of the gray wolf, the USFS initially proposed "species specific" components based on "the best available science and approaches used in other conservation plans to develop management direction for den and rendezvous site protection" on the Forest. FP014479.

The USFS was well-informed on measures it could implement to help avoid wolflivestock conflicts while it was developing its DEIS and draft Plan—as wolves continued recolonizing the Forest and more cattle depredations occurred. FP015428, 015489 (WA wolf plan); AR01885-86 (measures USFWS shared in September 2014), 01912-15, 01921-22 (measures internally proposed in 2016). But when the draft Colville Forest Plan and DEIS were released to the public for formal comment in February 2016, these documents were not only silent on the wolf's historic return to the Forest, they were completely devoid of any proposed management direction specifically aimed at protecting the species or its core areas (e.g. den and rendezvous sites). FP086941-7416. The DEIS only mentioned the gray wolf was federally delisted since the last plan, FP086941, but is a Region 6 sensitive species grouped as a "habitat generalist" represented by "surrogate species" for purposes of the plan's impacts analysis and developing proposed management directives. FP086941, 086945. Notably, livestock grazing was not evaluated as a factor influencing the viability of the surrogate species

intended to represent the gray wolf. *See* FP086951; 086980 (cursory evaluation of grazing impacts to other unrelated surrogate species).

Following the release of the DEIS, public controversy over repeated wolf killings in response to depredations of USFS permitted cattle on the Colville (mostly linked to Diamond M) rose dramatically, garnering significant media attention. AR01942-46, 01947, 01957-59, 01976-79, 01980-82, 02002-03, 02011, 02085-86, 02122-25, 00676-78, 01220-22, 01227-31, 01303-08, 01309; FP104415, 104445, 106922-23. Conservation organizations, concerned individuals, and even federal agency employees all called upon the USFS to manage grazing in a manner that would reduce the risk of recurring conflicts and wolf killings. *See e.g.* AR01966-67 (USFS employee to Colville managers), 00144-45, 02129-33, 00300-07, 00450-58 (letters from Public Employees for Environmental Responsibility "PEER"); FP091006-07 (DEIS comments). Eventually even Washington's Governor urged the USFS, in cooperation with WDFW, to implement changes on federal grazing allotments to reduce the conflicts. AR02138-41 (includes link to full letter).

Meanwhile, local ranchers who graze cattle on the Forest, including Diamond M, sought to declare a "state of emergency" over the growing wolf population and pressured WDFW to swiftly eliminate entire wolf packs once livestock depredations were suspected; the Colville's Range Manager (Travis Fletcher) voiced agreement for the proposition that full pack removal was the only solution once depredations of livestock occur. AR01937 (link to county hearing with local ranchers and Mr. Fletcher).

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Despite all the public attention and the agency's knowledge of science-backed conflict reduction measures, the managers of the Colville sought to ignore the issue:

It is in the Forest Service's best interest to not be drawn into the middle of this emotionally and politically charged topic. Our approach is, and should remain, that wolves (as well as all wildlife) are the responsibility of WDFW, the livestock are the responsibility of the rancher and the Forest Service manages habitat and we do that for wolves by managing for big game species like mule deer.

AR01919 (statement from Range Lead), 01918 (Forest Supervisor agreeing), 01949, 01957 (similar sentiments). Evidently, even the USFS's regional office advised its Colville officials to "minimize the use of the gray wolf to focus management on because the primary management issues were between the WDFW and the USFWS." FP099932.

Consequently, the USFS has done virtually nothing to protect wolves from conflicts with the livestock grazing it authorizes on the Colville – not at the Forest Plan level and not at the allotment-specific level through updated AMPs and AOIs that incorporate risk reduction measures. See infra. When the FEIS for the revised Forest Plan and draft Record of Decision (ROD) were released for public comment in September 2018 they were deliberately devoid of any discussion of wolves, conflicts with federally permitted cattle grazing, and any measures designed to address the issue.

Notably, however, USFS officials for the Pacific Northwest region (Region 6) had already carefully analyzed how the agency could protect wolves from conflicts with livestock at the forest planning level during its plan revision process for neighboring national forests in the Blue Mountains range (eastern Oregon/southeast Washington),

where wolves were similarly dispersing from the Rockies and reclaiming their historic habitat. *See* Ex. 2 (July 2018 FEIS for Blue Mtns. Forest Plan revisions); FP106439, 106441 (regional staff sharing wolf-related standards & guidelines from Blue Mtns. Forest Plan). None of this same analysis was included in the FEIS for the revised Colville Forest Plan. FP108608-666. In fact, the Colville's Plan Revision Team Lead for Wildlife had even outlined what an effects analysis for wolves at the planning level should include. FP147642-43. But the managers of the Colville National Forest chose to deliberately omit this critical information and analysis from their Plan revision FEIS.

Conservation groups, including Plaintiffs, filed formal objections over the FEIS's failure to consider effects to wolves as well as over the lack of a proper forest-wide grazing suitability analysis. FP106515-24, 107658-61. The USFS largely responded to these concerns with cursory assertions of being fully compliant with all relevant laws and policies. FP107792-93. The agency also publicly formalized its position that its duty to maintain viable populations of wolves on national forests does not include the responsibility to mitigate conflicts with USFS permitted livestock grazing—the primary threat to wolf recovery and viability in Washington. FP107801.

STANDARD OF REVIEW

This action is governed by the Administrative Procedure Act ("APA"), which directs that the Court "shall" set aside agency action that is "arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with law." 5 U.S.C. § 706(2)(A).

Section 706(1) also directs courts to "compel agency action unlawfully withheld or unreasonably delayed." 5 U.S.C.§ 706(1). While review under the "arbitrary and capricious" standard is narrow, a court's inquiry must be "searching and careful," and an agency must articulate a rational connection between the facts found and the conclusions made. *Marsh v. Or. Nat. Res. Council*, 490 U.S. 360, 378 (1989). This Court must disapprove an agency's action where its "reasoning is irrational, unclear, or not supported by the data it purports to interpret." *Nw. Coal. for Alternatives to Pesticides v. EPA*, 544 F.3d 1043, 1052 n.7 (9th Cir. 2008). A decision is arbitrary and capricious if the agency:

[H]as relied on factors which Congress has not intended it to consider, entirely failed to consider an important aspect of the problem, offered an explanation for its decision that runs counter to the evidence before the agency, or is so implausible that is could not be ascribed to a difference in view or the product of agency expertise.

Motor Vehicle Mfrs. v. State Farm Mut. Auto. Ins. Co., 463 U.S. 29, 43 (1983).

ARGUMENT

I. THE REVISED COLVILLE FOREST PLAN VIOLATED NEPA BY FAILING TO ADEQUATELY EVALUATE WOLF-LIVESTOCK CONFLICTS AND CONSIDER MITIGATION MEASURES.

NEPA is our "basic national charter for protection of the environment." 40 C.F.R. § 1500.1(a). In NEPA, Congress declared as a national policy "creat[ing] and maintain[ing] conditions under which man and nature can exist in productive harmony." 42 U.S.C. § 4331(a). NEPA serves two purposes: (1) "it ensures that the agency, in reaching its decision, will have available, and will carefully consider, detailed information concerning significant environmental impacts," and (2) it "guarantees that

the relevant information will be made available to the larger audience that may also play a role in both the decisionmaking process and the implementation of that decision." *Dep't of Transp. v. Pub. Citizen*, 541 U.S. 752, 768 (2004) (quoting *Robertson v. Methow Valley Citizens Council*, 490 U.S. 332, 349 (1989)) *see also* 40 C.F.R. § 1500.1(b) (requiring "high quality" information, "[a]ccurate scientific analysis" and "public scrutiny"). By requiring agencies to take a "hard look" at the choices before them and how they "affect the environment, and then to place their data and conclusions before the public . . . NEPA relies on democratic processes to ensure...that 'the most intelligent, optimally beneficial decision will ultimately be made." *ONDA v. Bureau of Land Mgmt.* ("BLM"), 531 F.3d 1114, 1120 (9th Cir. 2008).

NEPA requires the USFS to prepare an EIS for "major Federal actions significantly affecting the quality of the human environment." 42 U.S.C. § 4332(2)(C). Approval of a Forest Plan is considered a major federal action with significant environmental effects, thus requiring an EIS. *See e.g. ONDA v. BLM*, 625 F.3d 1092, 1099 (9th Cir. 2010); 36 C.F.R. § 219.5(a)(2)(i) (2012).

In an EIS, agencies must "provide full and fair discussion of significant environmental impacts and shall inform decisionmakers and the public of the reasonable alternatives which would avoid or minimize impacts or enhance the quality of the human environment." 40 C.F.R. § 1502.1; *see also* 42 U.S.C. § 4332(2)(C), (E) (EIS and alternatives requirements); 40 C.F.R. Pt. 1502 (same). To fulfill this mandate, agencies

must "consider every significant aspect of the environmental impact of a proposed action" in an EIS. *ONDA*, 531 F.3d at 1130 (citation omitted). This includes studying the direct and indirect effects and cumulative impacts of the action. *See* 40 C.F.R. §§ 1508.7, 1508.8. An agency must disclose and discuss any "responsible opposing views" and scientific information. *Id.* § 1502.9(b); *Ctr. for Biol. Diversity v. USFS*, 349 F.3d 1157, 1167-68 (9th Cir. 2003). NEPA's implementing regulations also require that an agency describe the environmental baseline of the areas to be affected, 40 C.F.R. § 1502.15, and address "appropriate mitigation measures not already included in the proposed action or alternative," 40 C.F.R. §§ 1502.14(f), 1502.16(h). Last, an agency also must "[r]igorously explore and objectively evaluate all reasonable alternatives." *Id.* § 1502.14 (alternatives section is "the heart of the [EIS].")

A. Failure to Take the Requisite "Hard Look" and Inform the Public

By wholly ignoring the primary conservation threat to wolves on the Forest in the revised Colville Forest Plan FEIS, the USFS violated NEPA's requirement that agencies take a "hard look" at the environmental effects of their proposed actions and inform the public of any reasonable alternatives that could avoid or minimize adverse impacts. 42 U.S.C. § 4332(2)(C); 40 C.F.R. § 1502.1. Ignoring a known impact of an agency's land management activities renders a Forest Plan EIS unlawful under NEPA. For instance, in *Kern v. BLM*, the Ninth Circuit held that the agency's EIS should have analyzed the potential impact of management activities spreading a pathogenic root fungus on a

specific variety of cedar when "the environmental problem was readily apparent at the time the EIS was prepared." 284 F.3d 1062, 1073 (9th Cir. 2002). Similarly, in *Pacific Rivers Council v. USFS*, the Court again invalidated a programmatic EIS for failing to take the requisite hard look at how the proposed Forest Plan amendment would affect individual fish species. 689 F.3d 1012, 1024-30 (9th Cir. 2012), *vacated and dismissed as moot on other grounds by* 133 S. Ct. 2843 (2013); *see also ForestWatch v. BLM*, 2016 WL 5172009, at *10 (C.D. Cal. Sept. 6, 2016) (three passing references to fracking in agency's EIS for land use plan were insufficient to inform decision-makers and the public of the environmental concerns unique to fracking).

The USFS was well aware that wolves—a sensitive species—are primarily threatened by human-caused mortality and that lethal removal in response to livestock depredations is the leading risk factor for the species' recovery and long-term viability in the region (and certainly on the Colville National Forest). *See e.g.*, Ex. 2, p. 18; FP015358 (2011 WA wolf plan). Yet the Colville Forest Plan FEIS is devoid of any actual analysis of how livestock grazing under the planning alternatives may affect the presence and viability of gray wolves on this Forest. FP108608-65, 108811-29 (FEIS Wildlife and Livestock Grazing sections). This omission is particularly problematic given that NFMA's mandate that the USFS manage each national forest to ensure viable wildlife populations "applies with special force to sensitive species." *Native Ecosystems Council ("NEC") v. USFS*, 428 F.3d 1233, 1249 (9th Cir. 2006); *see also*16 U.S.C.

§1604(g)(3)(B); 36 C.F.R. §§ 219.19, 219.26; FP147624-26 (FSM §§ 2670.32, 2670.44); FP101669-70 (Plan Revision Team lead recognizing duty to analyze impacts of planning alternatives on sensitive species). Omitting a discussion about the effect of livestock grazing on the Forest to the long-term viability of a sensitive species is a blatant violation of NEPA. See e.g. ONDA v. BLM, 625 F.3d 1092 (9th Cir. 2010) (BLM's EIS for its proposed land use plan violated NEPA by failing to evaluate the plan's potential effects on areas possessing wilderness characteristics when wilderness characteristics were among the resource values for which the agency must manage under FLPMA). Indeed, the USFS's own analysis of the impacts of Forest Plan alternatives to wolves similarly situated in eastern Oregon plainly shows what the agency should have considered for the Colville, but did not. See Ex. 2.

The USFS was well aware of the information necessary for conducting a proper analysis of the Plan's potential impacts to wolves, including proposed livestock grazing management, but the agency deliberately chose to omit this critical information from its public-facing FEIS for the revised Colville Forest Plan. *See* FP147642-43 (August 2017 outline for planning-level effects analysis for gray wolves). Departing entirely from this outline, the FEIS's first fatal flaw was excluding wolves from the environmental baseline and affected environment—it is against this information that the effects of the planning alternatives were to be measured. *See* 40 C.F.R. § 1500.1(b), § 1502.15. The FEIS ignored the gray wolf's historic return to the Colville (a marked change since the 1988

Forest Plan), as well as the wolf's current population size and trend on the Forest. And most notably, it failed to disclose the series of wolf-livestock conflicts on the Forest's grazing allotments and the resulting lethal removal of wolves and elimination of wolf packs, which began in 2012 and continued throughout the Plan revision process. *See contra* Ex. 2, pp. 17-22 (Blue Mtns. FEIS providing this essential baseline information).

Second, the FEIS's grazing analysis failed to consider against this baseline how a number of critical factors could influence wolf-livestock conflicts and thereby affect viability. Chiefly, how: (1) the location of grazing allotments, (2) the Colville's annual grazing season (June 1 until mid-November), (3) forest-wide grazing levels, (4) authorizing turn-out of vulnerable young calves (*i.e.* cow/calf pairs), and (5) grazing practices like the placement of salt licks, stock ponds, other areas where cattle congregate, lack of range riders, etc., may affect wolves on the Forest. For example, the FEIS should have, but did not, identify where grazing allotments overlap wolf core areas (dens and rendezvous sites) given that wolves are active in these areas during the grazing period. *See e.g.* FP147642 (USFS's 2017 outline stating: "Would especially speak to anything meant to reduce disturbance around dens and rendezvous areas, conflicts with livestock, etc.").

Finally, since the USFS failed to address this issue at all in the FEIS, so too did it fail to consider any measures to avoid or reduce the risk of wolf-livestock conflicts, further violating NEPA's requirement that an EIS discuss "appropriate mitigation

measures." 40 C.F.R. § 1502.14(f), § 1508.20 (defining "mitigation"); ForestWatch v. BLM, 2016 WL 5172009, at *10 ("Most importantly, the EIS must provide easily-accessible detailed information about probable environmental consequences and potential mitigation measures.") (quoting 'Ilio'ulaokalani Coal. v. Rumsfeld, 464 F.3d 1083 (9th Cir. 2006)). See infra, Sec. II.B.

In sum, by sweeping this problem under the rug, the USFS materially impeded informed decisionmaking and public participation—NEPA's "twin aims." *Kern*, 284 F.3d at 1067. Given the high-profile and controversial nature of this issue, disclosure of the risks and analysis of management options designed to mitigate such risks, was likely to inspire vigorous debate. "It is fairly debatable issues of this kind that NEPA was designed to bring out in the open, for analysis and discussion in the service of sound decisionmaking." *ONDA*, 625 F.3d at 1122. Because the USFS deliberately omitted a "full and fair" discussion of this issue, as required by NEPA, it must do so on remand in a revised EIS. *See Id*.

B. The Forest Plan FEIS Failed to Consider Reasonable Planning Alternatives to Address Wolf-Livestock Conflicts.

"The 'touchstone' for courts reviewing challenges to an EIS under NEPA 'is whether an EIS's selection and discussion of alternatives fosters informed decision-making and informed public participation." *ONDA*, 625 F.3d at 1122 (citation omitted). "The existence of a viable but unexamined alternative renders an [EIS] inadequate." *Id*. As described *supra*, in developing Forest Plan management direction for both livestock

grazing and for the protection of wolves, a sensitive species, the USFS never considered

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any alternative that included measures designed to mitigate wolf-livestock conflicts. First, the USFS failed to consider whether certain allotments or portions thereof

were no longer "suitable" for continued cattle grazing in light of recurring conflicts with wolves, as directed by 36 C.F.R. § 219.20(b) (1982). See infra Sec. II.B. The USFS should have conducted such an analysis in the FEIS given that: (1) the USFS knew where previous conflicts had concentrated (e.g. Diamond M allotments); (2) it had learned of some active core wolf areas on the Forest and could have sought further information from WDFW but didn't, AR01220-22, 01227-31; (3) the Colville's Range Manager and local ranchers think it's too difficult to monitor and protect cattle in heavily treed areas of the Forest, AR01937 (county hearing); and (4) conservationists also urged the agency to limit grazing to "open, defensible spaces." FP106510, 106515, 107660, 107687-88.

Yet, despite this information and the livestock-wildlife conflicts component of NFMA's required suitability analysis, the FEIS never considered closing any of the acreage currently allocated as grazing allotments to future livestock grazing. FP104500 (noting no change to grazing output and that 99% of Forest was open to grazing under revised Plan). In fact, every planning alternative deemed the same amount of acreage suitable for grazing, would also allow grazing on most acreage deemed unsuitable, and would authorize the same overall grazing levels. FP104500; FP108821; FP099949; FP106413-15 (Capital Press article).

The failure to consider allocating less of the Forest for livestock grazing or reducing forest-wide grazing levels may not have been fatal to the FEIS had the agency considered other mitigation measures intended to reduce wolf-livestock conflicts, but it did not. See cf. ForestWatch v. BLM, 2016 WL 5172009, at *14-15 (holding it was acceptable for BLM to not consider closing more than 15% of the planning area to oil and gas drilling because it considered a mix of other "tools" to mitigate impacts, e.g. less impactful drilling methods, proximity to ecologically sensitive areas, etc.). Here, the USFS was presented with several concrete measures to consider incorporating into the revised Forest Plan, including the very standards and guidelines it adopted for the revised Blue Mountains Forest Plans. See FP106441 (regional staff sharing Blue Mtns. Forest Plan standards & guidelines); FP106517 (Plaintiffs' objection); FP107687-88 (resolution options proposed by objectors); FP015428, 015489; AR01885-86, 01912-15, 01921-22. Despite its own original position that the revised Colville Forest Plan "needs" to have species-specific components for protecting wolf dens and rendezvous sites, FP014478, the USFS ultimately denied any obligation to even consider adopting wolf-livestock conflict reduction measures in the revised Plan. FP107801.

There is no reasonable explanation in the record for why the USFS chose not to evaluate any of these recommended mitigation measures in any of its planning alternatives. Indeed, the 2011 Proposed Action and revised Blue Mountains Forest Plans belie any notion that such an alternative was unviable or infeasible, thus rendering the

Colville Forest Plan FEIS inadequate under NEPA on these additional grounds. *See e.g. ONDA*, 625 F.3d at 1123-24 (land use plan EIS also inadequate for failing to consider more stringent limitations on motorized vehicle use); *Muckleshoot Indian Tribe v. USFS*, 177 F.3d 800, 812-814 (9th Cir. 1999) (rejecting USFS's alternatives analysis which failed to "even consider[]" more protective land use options).

II. THE USFS ARBITRARILY CONCLUDED THE REVISED 2019 FOREST PLAN FULFILLS NFMA'S MANDATES.

NFMA establishes a two-step process for forest planning. 16 U.S.C. § 1604(a). First, the USFS must develop, maintain, and revise Land and Resource Management Plans ("Forest Plans") for each national forest. *Id.* § 1604(a). The Forest Plan guides natural resource management activities forest-wide, setting standards, management goals and objectives, desired conditions and monitoring and evaluation requirements. Second, once a Forest Plan is adopted, all site-specific actions authorized thereunder must be consistent with the broader Forest Plan. *Id.* § 1604(i); 36 C.F.R. § 219.15 (2012).

A. The USFS Failed to Comply with the Procedural Requirements of NFMA's Wildlife Diversity Mandate.

Given the important role of national forests in biodiversity conservation, NFMA included a provision specifically mandating that forest planning "provide for diversity of plant and animal communities based on the suitability and capability of the specific land area in order to meet overall multiple-use objectives." 16 U.S.C. §1604(g)(3)(B); 36 C.F.R. § 219.26 (1982). This requirement has been highly controversial because it

changed the dominant forest management paradigm, establishing biodiversity conservation as a priority equal to resource use and extraction. In the words of Senator Hubert H. Humphrey, the primary drafter of the NFMA "diversity mandate,"

The days have ended when the forest may be viewed only as trees, and trees viewed only as timber. The soil and water, the grasses and shrubs, the fish and wildlife, and the beauty that is the forest must become integral parts of resource managers' thinking and actions.

Id. (citing SENATE NFMA HEARINGS, 122 CONG. REC. 5619 (1976)).

Procedurally, to ensure wildlife diversity is adequately considered "throughout the planning process[,]" the USFS must evaluate wildlife diversity, in terms of prior and present conditions, based on inventories that include "quantitative data." 36 C.F.R. § 219.26 (1982). The USFS's Forest Plan Revision team must use this information to consider how diversity will be affected by the proposed management practices under each of the planning alternatives. *Id*.

The USFS violated this procedural requirement, much like it violated NEPA. The FEIS lacks even a generalized description of how wildlife diversity on the Forest has changed since the 1988 Forest Plan due to the return of gray wolves. There certainly is no quantitative analysis of the current wolf population on the Forest or the impacts livestock grazing has had on that population over the last decade due to lethal wolf removals in

¹ Charles F. Wilkenson & H. Micheal Anderson, *Land and Resource Planning in the National Forests*, 64 OR. L. REV. 1, 290-309 (1985).

response to conflicts with livestock. Nor does the FEIS analyze how continuing grazing management in the same manner would affect the Forest's future wildlife diversity in terms of direct impacts to its recovering wolf population and indirect effects to the plant and animal communities this apex predator is known to influence.

B. The USFS Failed to Consider Wolf-Livestock Conflicts in Determining the Suitability of Lands for Livestock Grazing.

The USFS additionally violated 36 C.F.R. § 219.20 (1982), which provides:

In forest planning, the suitability and potential capability of National Forest System lands for producing forage for grazing animals and for providing habitat for management indicator species shall be determined as provided in paragraphs (a) and (b) of this section. Lands so identified shall be managed in accordance with direction established in forest plans.

- (a) [*****]
- (b) Alternative range management prescriptions shall consider... possible conflict or beneficial interactions among livestock...and wild animal populations, and methods of regulating these; [].

FP000221-22. Capability refers to the potential of an area of land to produce particular resources, which in turn depends on the physical components of the area. FP000194-97 (Definitions at 36 C.F.R. § 219.3). Suitability, on the other hand, is the *appropriateness* of applying certain management practices to a particular portion of the forest, "as determined by an analysis of the economic and environmental consequences and the alternative uses forgone." *Id*.

Here, the USFS did make a forest-wide grazing suitability determination as part of the forest planning process, but it admittedly failed to consider conflict among livestock and wolves and any measures the USFS could take to regulate such conflicts as part of

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that determination. See FP101456-63 (describing methodology for suitability determination); FP108822-23 (maps depicting range suitability); FP108817 (FEIS citing 36 C.F.R. § 219.20(b) (1982) and claiming conflicts among livestock and wildlife populations "are managed at the allotment level through adaptive management and appropriate mitigation measures[.]")

The USFS's interpretation that it need not consider livestock-wildlife conflicts, or methods of regulating such conflicts, as part of its Forest Plan grazing suitability determination – instead vaguely deferring this consideration to some unknown future date - is inconsistent with the rule's plain language that it be done "[i]n forest planning" and hence deserves no deference. See NEC v. USFS, 418 F.3d 953, 960 (9th Cir.2005) ("an agency's interpretation does not control, where it is plainly inconsistent with the regulation at issue.") (citations omitted). Indeed, as the USFS explained in another grazing related lawsuit, "these [capability and suitability] determinations made at the forest plan level will 'provide prescriptive management direction for project-level analysis and subsequent NEPA decisions." W. Watersheds Project v. USFS, 2006 WL 292010, *6-7 (D. Idaho Feb. 7, 2006) (further explaining how these forest plan level determinations serve as a baseline for project-level reviews of allotments).

In short, it is entirely reasonable for the USFS to gather additional information on areas of livestock-wildlife conflicts as they emerge and to use that information to inform future site-specific decisions, but the agency doesn't get a pass on taking a hard look at

this critical component "[i]n forest planning" as the rule expressly requires. FP000222;

see also AR01618 (USFS guidance memo acknowledging that areas closed to livestock

'because of conflicts with wildlife" or for the protection of sensitive species habitats, e.g.

wolf den and rendezvous sites, would be removed from the acreage deemed suitable for

grazing); FP101463 ("Have IDT specialists on the planning team identify any additional

"conflicts are incapable of being resolved in a satisfactory manner, these lands would be

designated as non-suitable for the specific alternative for this planning cycle.") By failing

to complete this component of the suitability analysis for the revised Colville Forest Plan,

areas where conflicts occur between livestock grazing and other resources" and if

the USFS violated NFMA.

C. The Revised Forest Plan Fails to Ensure Viable Wolf Populations.

Last, by allowing livestock grazing to occur in virtually all habitat on the Colville that is occupied by wolves – including nearly a half-million acres deemed unsuitable for grazing – without incorporating any species-specific Forest Plan components to mitigate wolf-livestock conflicts, *see e.g.* FP107687-88, FP107800-01, the USFS also failed to comply with 36 C.F.R. § 219.19 (1982). This rule implements the statute's wildlife diversity mandate by requiring that:

Fish and wildlife habitat shall be managed to maintain viable populations of existing native and desired non-native vertebrate species in the planning area. For planning purposes, a viable population shall be regarded as one which has the estimated numbers and distribution of reproductive individuals to insure its continued existence is well distributed in the planning area. In order to insure that viable populations will be maintained,

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habitat must be provided to support, at least, a minimum number of reproductive individuals and that habitat must be well distributed so that those individuals can interact with others in the planning area.

FP000220-21; Ex. 1, p. 5 (FSM § 2672.32) ("For sensitive species, include objectives in Forest plans to ensure viable populations throughout their geographic ranges.")

Courts in this Circuit have recognized, a "[v]iability analysis that uses all currently available scientific data is considered sound." NEC v. Krueger, 946 F.Supp.2d 1060, 1081 (D. Mont. 2013) (citation omitted). Here, the USFS expressly decided behind-thescenes not to conduct a forest plan level viability analysis for the gray wolf. See AR00486-87, FP099936-37. As noted, there was no analysis at all in the FEIS or underlying Wildlife Report of how the planning alternatives may impact gray wolves on the Forest, let alone one that "uses all currently available scientific data." Cf. Krueger, 946 F.Supp.2d at 1081-97 (holding Forest Plan adequately provided for species viability where programmatic EIS cited relevant scientific studies, explained how the best available science was used to develop plan components, and incorporated interagency conservation strategies for lynx and grizzly bear into the plan) with Friends of Wild Swan, Inc. v. USFS, 966 F.Supp. 1002, 1020 (1997) (holding USFS acted in an arbitrary and capricious manner, violating NFMA's viability requirements, by adopting management standards for anadromous fish without explaining how those standards would ensure the viability of nonmigratory, resident bull trout populations).

In a letter to the Regional Forester, the Colville's Forest Supervisor claims:

The viability of gray wolves has been addressed in the Colville plan revision by: 1) following the Washington Gray Wolf Conservation and Management Plan that included a viability analysis and recovery goals to achieve a viable population; and 2) by addressing gray wolves as an R6 Sensitive Species in a group of species known as "habitat generalists." The habitat and risk factors that influence this group of species were identified and addressed in plan components (Gaines, August 4, 2017).

FP099936; AR00486. The USFS's position, as expressed in this internal agency letter and attached memo, clearly non-NEPA documents, is arbitrary and capricious for a number of reasons.

First, neither the FEIS nor the Wildlife Report even reference the WA wolf plan, let alone explain how the USFS is allegedly following the WA wolf plan. *See* FP109021-22, 103061-70 (list of references includes several WDFW reports, but not WA wolf plan); *see also Krueger*, 946 F.Supp.2d at 1084 ("An agency must 'identify any methodologies used' and 'make explicit reference by footnote to the scientific and other sources relied upon for conclusions in the [EIS].") (quoting 40 C.F.R. § 1502.24) (citation omitted). In fact, the Forest Supervisor recommended against incorporating a Forest Plan directive specifically designed to protect den sites, which the WA wolf plan emphasizes for mitigating human-caused mortality. *See* FP099937; FP015489-91; FP107800-01 (ultimately concluding USFS has no obligation to mitigate wolf-livestock conflicts at all).

Simply grouping the gray wolf in with other "habitat generalists" and relying on the wolverine as the sole "surrogate species" for the habitat requirements and risk factors

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for that group of "habitat generalists" also fails to ensure the viability of gray wolves on the Colville, as the Supervisor's letter contends. FP099936; FP108612-15 (FEIS). Notably, in response to conservationists' objections, the USFS conceded: "There is no explicit discussion [in the FEIS] that explains how providing plan components for surrogate species will provide for sensitive species. The plan could be strengthened by making this clearer." FP107750-51.

Most importantly, conflicts with livestock grazing are not an identified risk factor for wolverine, but are, of course, the primary risk factor for wolves on the Colville. FP108617. Consequently, the USFS's analysis of impacts to the wolf's "surrogate" omitted the key impact related to the viability of wolves on the Forest. Further, though both species were grouped as "habitat generalists," wolverine have much more distinct habitat requirements and little overlap exists between the habitats typically occupied by these two animals. Wolverine rely upon persistent spring snow cover for denning and mostly occupy high elevation alpine and subalpine habitats isolated from human activities like cattle grazing (making climate change a major risk factor for this species). FP108612, 108620. In contrast, wolves in this region "prefer lower elevations and gentle terrain where prey are more abundant, particularly in winter." FP015380; FP108812 (noting most cattle grazing on the Colville also occurs at the Forest's lower elevations).

In fact, very few wolverine have been detected on the Forest in the past 20 years and none have been detected on many of the grazing allotments inhabited by wolves.

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AR01819 (map of sightings). In NEC v. Tidwell, the Ninth Circuit held that the USFS failed to ensure viable populations of existing species under 36 C.F.R. § 219.19 by using the sage grouse as a "proxy" for measuring the trends of all wildlife that rely upon sagebrush ecosystems because sage grouse were virtually non-existent in the project area. See 599 F.3d 926, 933-34 (9th Cir. 2010). At any rate, the USFS acknowledges that "it is not expected that the population dynamics of a surrogate species would necessarily represent the population dynamics of another species." FP108612.

The Blue Mountains Forest Plan FEIS again stands in stark contrast to the USFS's approach on the Colville. There, the USFS similarly used the wolverine as a "surrogate species" to address risk factors related to road density and disturbance from motorized recreation, as it did here, but it also assessed impacts to wolves by measuring the amount of national forest lands deemed suitable for cattle and sheep grazing. Ex. 2, p. 18; see also FP147642 (2017 outline for wolf analysis noting it "[w]ould also be good to show areas on the forest that have active allotments.") As the Blue Mountains FEIS explained, this grazing-related assessment was necessary because "[g]ray wolf populations are primarily limited by nonhabitat factors" (i.e. human-caused mortality such as lethal control in response to livestock depredations). Thus, to mitigate this leading threat to the species, the USFS incorporated "standards and guidelines designed to minimize conflict between wolves and livestock as well as minimize disturbance to denning wolves" in all the plan revision alternatives. *Id.*; FP106441 (listing Plan's wolf-related directives). The

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USFS conducted no such separate analysis for wolves in the Colville Plan nor did it incorporate any mitigation to address the unique threats relevant to wolves.

Because the Forest Plan completely ignored the issue of wolf-livestock conflicts, which is the primary threat to wolves on the Forest, and no other species can act as a surrogate for analysis of that threat, the USFS failed to provide support and reasoning necessary to show its continued management of livestock under the revised Forest Plan would ensure the long-term viability of wolves on the Forest, in violation of NFMA.

III. THE USFS VIOLATED NEPA BY FAILING TO SUPPLEMENT DECADES-OLD ANALYSES FOR DIAMOND M's AMPs.

An agency has an ongoing duty to comply with NEPA and must prepare a supplemental NEPA analysis if "[t]here are significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts." 40 C.F.R. § 1502.9(c)(ii); see also Idaho Sporting Congress v. Thomas, 137 F.3d 1146, 1152 (9th Cir. 1998) (EA must be supplemented in the same manner as an EIS), overruled on other grounds by Lands Council v. McNair, 537 F.3d 981 (9th Cir. 2008). If there remains "major Federal action to occur, and if the new information is sufficient to show that the remaining action will affect the quality of the human environment in a significant manner or to a significant extent not already considered, a supplemental [NEPA analysis] must be prepared." Marsh, 490 U.S. at 374. An agency may not irreversibly and irretrievably commit resources to a proposed action before completing NEPA analysis. Conner v. Burford, 848 F.2d 1441, 1446 (9th Cir. 1988).

Authorizing grazing through AMPs and AOIs is ongoing agency action warranting supplementation of the NEPA analysis underlying an AMP when new information about the potentially significant effects of that grazing comes to light. *Gallatin Wildlife Ass'n v. USFS*, 2016 WL 3282047, at **10-11 (D. Mont. June 14, 2016) (requiring agency to consider supplementing analyses for outdated AMPs due to bighorn sheep's reintroduction to the area, its designation as a "sensitive species," and new information on disease transmission from domestic sheep); *Friends of the Clearwater v. Dombeck*, 222 F.3d 552, 558-59 (9th Cir. 2000) (agency violated NEPA by failing to evaluate whether new sensitive species designations were significant enough to require supplemental analysis); *Sierra Club v. Bosworth*, 465 F. Supp. 2d 931, 940 (N.D. Cal. 2006) (new information about status of the Pacific fisher and project's effects to species required NEPA supplementation).

This case is similar to *ONDA v. Sabo*, 854 F. Supp. 2d 889 (D. Or. 2012). There, a unique population of sensitive Oregon spotted frogs and numerous sensitive plant and mollusk species were discovered to inhabit springs and fens that were being trampled by cattle authorized to graze a national forest allotment. 854 F. Supp. 2d at 902-10. Although the USFS was aware of the problem, the agency continued to annually authorize grazing through AOIs, without first updating the AMP or completing any NEPA analysis considering the effects of grazing on the newly discovered sensitive species. *See id.* The court held that the agency's failure to complete supplemental NEPA analysis on the AMP

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to consider this significant new information, before authorizing more grazing on the allotment, could further harm the sensitive species and thus was an irreversible commitment of resources that was arbitrary and capricious under NEPA. Id. at 923-24.

In this case, the presence of wolves on the Forest wasn't even a consideration when the AMPs and supporting NEPA analyses for the Diamond M allotments were prepared in the 1970s and 80s, as the species was still eradicated from most of the country. See e.g. DM03459 (1979 EA stating: "There are no known rare, threatened, or endangered wildlife species known to inhabit the Allotment area at this time.") But since 2008, as wolves began repopulating the Forest, it has become more and more apparent that Diamond M's cattle grazing has an enormous effect on wolf recovery in Washington (and certainly on the Colville). See supra Facts Sec. III. Yet the USFS continues to manage the Diamond M allotments under the same forty-year old AMPs without conducting any supplemental NEPA analysis to evaluate adverse effects and explore mitigation options.

The wolf's return to the Colville and the high prevalence of conflicts with Diamond M's livestock is significant information that warrants supplementing the NEPA analyses for these allotments. Not only is Diamond M's federally permitted cattle grazing the most significant driver of Washington wolf mortality (linked to 88% of all lethal control actions to date), but the rate of predation on Diamond M's cattle is significantly higher than the average for other Washington livestock owners in wolf territory. See e.g. Ex. 10, p. 29 (Spence study showing Diamond M experienced depredation rates roughly

14 times higher than the statewide average); AR00453 (also citing Diamond M's disproportionate rate of depredations). According to Diamond M, the first wolf depredation on livestock to occur in Washington in modern times involved its cattle in 2008. Diamond M Ans. (ECF No. 19 at ¶ 51). Then in 2012, WDFW killed 7 wolves from the Wedge Pack in response to depredations of Diamond M's cows grazing the Hope Mountain and Churchill Allotments in the Colville's northern range. *See* DM03390-91. In *every* grazing season on the Forest from 2016 to present, Diamond M's cows have experienced attacks attributed to wolves, prompting lethal wolf removals. AR00685, 01934, 01943-44, 02129-33; FP00300-07, 00450-58; Exs. 3, 4, 5, 6, 13. These conflicts have often resulted in removals of entire packs or one or both of the breeding pair, actions known to be particularly detrimental to wolf recovery and viability. *Id.*; FP015489; AR02178-80.

As also noted *supra*, the USFS has long been aware of science-backed nonlethal deterrents and other forms of mitigation (*e.g.* adjusting the timing, location, and intensity of annual grazing) that could help avoid these conflicts, but thus far has failed to update Diamond M's AMPs or AOIs to incorporate any risk reduction measures. *See* AR02097 (USFS admitting "[n]one of these instruments [Diamond M's permit, AMPs or AOIs] include specific language related to limiting livestock/wolf interactions.")

Rather than exercise its authority to address Diamond M's problematic grazing, the USFS chose to "spin" the facts to make Diamond M out to be a diligent permittee that

has worked closely with WDFW to avoid wolf conflicts, when in truth that is "not particularly the case." AR01952-53. For instance, the USFS knows that Diamond M has refused to work with WDFW's range riders and instead hired ineffective range riders, who have been absent at critical times, and who have failed to discover injured or dead calves for days after suspected or confirmed wolf attacks, increasing the likelihood of additional attacks. Ex 4; Ex. 5, pp. 4, 9, 11 (July 2020 depredation reports all noting calf injuries appeared several days old); Ex. 13, pp. 8, 11, 13 (same for 2019 depredations); Niemeyer Decl. ¶¶15-26, 31-32. Diamond M refuses to become a signatory to WDFW's Damage Prevention Agreement and to accept compensation for wolf-caused livestock losses. Ex. 12 (referring to WDFW program as a "crooked, damn deal"); FP015606 (describing legal requirements for agreement). Instead, Diamond M has outspokenly called for a dead wolf for every dead calf, balks at the notion of protecting its cattle on rugged and densely forested allotments, and continues to proclaim that it favors even more lethal removals. Exs. 11, 12; AR00301; Mot. to Intervene Memo at 15 (ECF No. 17) (claiming "WDFW must kill thirty (30) wolves per year just to maintain the status quo"); Diamond M Ans. ¶¶ 80, 81, 96, 97, 100 (claiming wolves are "overpopulated").

Further, the USFS fails to take any action to mitigate factors that are known to increase the risk of conflicts. For instance, the USFS continues to allow salt blocks to remain in high conflict areas (near active dens and rendezvous sites), again sitting idly by while the depredations in these same areas pile up year after year and more wolves are

lethally removed from the Forest. AR01942-44, 00453, 01982 (showing awareness of den location by end of June 2016); Ex. 13 (2018 and 2019 depredation reports showing multiple conflicts occurred near salt blocks and WDFW suggested moving them). The USFS has also failed to address ongoing concerns about Diamond M turning out small calves weighing less than the 200-pound minimum recommended by experts to deter predation—indeed nearly all depredations involving Diamond M's cattle have been young calves. See e.g. AR00453 n.3; Ex. 10 (2020 Letter copied to USFS and attached photos of small calves, also noting a July 2019 email regarding the same concern); Leroux Decl. ¶¶31, 32 (with photos). The USFS also knows that Diamond M has violated the terms of its grazing permit by failing to timely gather cattle off allotments, which have led to depredations outside the authorized grazing season. Ex. 13, pp. 5-7 (2019) depredation report involving cattle left out on allotments over winter); Niemeyer Decl. ¶ 18; Diamond M Ans. ¶ 86 (admitting that livestock remain on the allotment until "actively gather[ed]" off). The USFS could update the AMPs and modify AOIs to adjust turn-out dates; to prohibit the turn-out of small calves (less than 200 lbs.); to prohibit the placement of salt blocks near dens and rendezvous sites (a key provision of the Blue Mountains Forest Plans, see FP106441) and require cows to be moved away from such sites when discovered; to require effective range riding; and to implement corrective action to address permit non-compliance. Niemeyer Decl. ¶¶13-31. Instead, it turns a blind eye to these problematic practices, while conflicts recur and more wolves are killed.

In sum, as outlined in Plaintiffs' March 2020 letter, AR02165-77, the return of this state-listed endangered and USFS sensitive species to the Forest, the presence of core wolf areas on the Diamond M allotments, and the high prevalence of conflicts between Diamond M cattle and wolves resulting in 88% of all lethal wolf removals in Washington to date, triggers the USFS's duty to supplement its woefully outdated NEPA analyses for these allotments in order to update the AMPs. The current science that Plaintiffs compiled for the USFS on the (1) efficacy of nonlethal deterrents, (2) the ineffectiveness of lethal control and the potential for such actions to exacerbate conflicts, and (3) the ecological role or wolves and the cascading negative effects of removing them from ecosystems also merit a hard look in the agency's supplemental analysis. Id.; AR02178-3172 (compilation of studies). New information about impacts to a sensitive species' viability from a USFS authorized activity is "precisely the situation in which a supplemental [NEPA analysis] is necessary." Portland Audubon Soc. v. Lujan, 795 F. Supp. 1489, 1501 (D. Or. 1992). NEPA prohibits the USFS from continuing to irreversibly and irretrievably commit resources by authorizing grazing that has already led to at least 30 wolf deaths without evaluating the potentially significant impacts of those authorizations to this USFS sensitive species. Sabo, 854 F. Supp. 2d at 923-24. To the extent the USFS has reviewed the new information and determined supplementation is unnecessary, that decision is also arbitrary and capricious. Marsh, 490 U.S. at 377-78.

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IV.

THE USFS VIOLATED NFMA BY AUTHORIZING DIAMOND M'S 2020 GRAZING WITHOUT REDUCING RISK FACTORS TO WOLVES, AS CALLED FOR BY THE REVISED FOREST PLAN.

As noted, NFMA requires all agency decisions and site-specific activities like grazing to be consistent with the governing Forest Plan.16 U.S.C. § 1604(i); 36 C.F.R. § 219.15; Buckingham v. Secretary of U.S. Dep't of Agric., 603 F.3d 1073, 1077 (9th Cir. 2010) (Grazing permits, AMPs, and AOIs all must be consistent with governing Forest Plan); ONDA, 465 F.3d at 979-80 (holding AOIs are final agency actions challengeable under APA). An action is consistent "if it conforms to the applicable 'components' of the forest plan, including the standards, guidelines, and desired conditions that are set forth in the forest plan and that collectively establish the details of forest management." All. for the Wild Rockies v. USFS, 907 F.3d 1105, 1110 (9th Cir. 2018).

Here, the USFS has violated NFMA by authorizing Diamond M's 2020 annual grazing in a manner that is inconsistent with the following management directive from the revised 2019 Colville Forest Plan:

FW-DC-WL-10. Risk Factors for all Surrogate Species

Risk factors (such as roads, uncharacteristic wildfire, unregulated livestock use, introduced species, invasive species, and disturbance during critical time periods) for all surrogate species are reduced to contribute to the viability of surrogate species and associated species.

FP109740; see also FP099937, 102007 (stating this plan component can be used to protect wolf core areas and will contribute to wolf viability); FP102008 (claiming that

"[i]mplementation of state requirements to reduce wolf-livestock conflicts are addressed through allotment management planning and [AOIs] to permittees.")

The USFS's 2020 annual grazing authorizations for Diamond M are inconsistent with this Forest Plan directive because the AOIs failed to incorporate any measures for reducing the risk of wolf-livestock conflicts—the proven leading threat to wolf viability on the Colville. AR1412-14. The AOIs were arbitrary and capricious given the agency's knowledge of all the circumstances outlined above, and indeed resulted in another grazing season rife with conflicts and more dead wolves. *Supra Sec. III*. This pattern is virtually certain to continue unless this Court directs the USFS to incorporate concrete, mandatory risk reduction measures into Diamond M's future grazing instructions and enjoins livestock turn-out on these allotments until it has done so.

V. THE USFS VIOLATED THE ESA BY FAILING TO CONSULT OVER THE IMPACTS OF DIAMOND M'S GRAZING TO PROTECTED SPECIES.

The USFS violated Section 7(a)(2) of the ESA by failing to consult with USFWS over the potential effects of Diamond M's cattle grazing on the C.C. Mountain, Copper-Mires, and Lambert allotments to ESA-listed species. 16 U.S.C. § 1536(a)(2). Section 7 requires federal agencies to ensure that any action they authorize, fund, or carry out is not likely to jeopardize ESA-listed species or destroy or adversely modify critical habitat designated for such species. *Id.*; 50 C.F.R. § 402.02 (defining terms).

As explained in *Krueger*, the USFS's first step in complying with section 7 is to obtain from USFWS "a list of any listed or proposed species or designated or proposed

critical habitat that *may be present* in the action area." 946 F. Supp. 2d at 1070 (emphasis original) (citing 16 U.S.C. § 1536(c)(1); 50 C.F.R. § 402.12(c)-(d)). If USFWS advises that a listed species or critical habitat "may be present," the USFS must complete a "biological assessment" to determine if the proposed action "may affect" or is "likely to adversely affect" the listed species. *Id.*; 16 U.S.C. § 1536(c)(1); 50 C.F.R. §§ 402.12(f), 402.14(a), (b)(1). The Ninth Circuit holds that "the minimum threshold for an agency action to trigger consultation with [USFWS] is low." *Id.* at 1071 (citing *W. Watersheds Project v. Kraayenbrink*, 632 F.3d 472, 496 (9th Cir. 2011)). "[A]ny possible effect, whether beneficial, benign, adverse, or of an undetermined character, triggers the formal consultation requirement." *See Id.* at 1071-80 (citations omitted).

There is no record evidence showing the USFS fulfilled these obligations for ESA-listed and candidate species that are known to occur or "may be present" on these allotments, such as lynx, grizzly bear, and whitebark pine. *See* AR01821, 01818; Compl. ¶¶115-119; Defs.' Answer ¶116, 118. Accordingly, the USFS violated the ESA. 16 U.S.C. §§ 1536(a)(2), 1540(g).

CONCLUSION

Because the USFS failed to fulfill its obligations under NEPA, NFMA and the ESA, the Court should grant Plaintiffs' Motion for Summary Judgment.

Dated: January 22, 2021 Respectfully submitted, /s/ Jennifer Schwartz Wildearth Guardians P.O. Box 12086 Portland, OR 97213 Ph: (503) 780-8281 jschwartz@wildearthguardians.org Of Counsel for Plaintiffs

CERTIFICATE OF SERVICE

I hereby certify that on January 22, 2021, I electronically filed the foregoing Motion for Summary Judgment, supporting Memorandum, and all associated Exhibits and Declarations with the Clerk of the Court using the CM/ECF system, which will send notification of this filing to the attorneys of record.

Dated: January 22, 2021

Respectfully submitted,

/s/ Jennifer Schwartz Jennifer R. Schwartz