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12	IN THE UNITED ST	TATES DISTRICT COU	URT
13	FOR THE DISTRICT OF ARIZONA		
14	RIVER RUNNERS FOR WILDERNESS, et al.,) Civ. No. 06-0894-	-PCT-DGC
15	Plaintiffs,))	
16	v.	,	ENDANTS' AND
17	STEPHEN P. MARTIN, et al., ¹	,	IENT OF MATERIAL PORT OF SUMMARY
18	Federal Defendants,) JUDGMENT	
19	GRAND CANYON RIVER OUTFITTERS ASSOCIATION;)))	
20	GRAND CANYON PRIVATE BOATERS ASSOCIATION,))	
21 22	Defendant-Intervenors.)))	
23	Pursuant to LRCiv 56.1(a), Federa	l Defendants and Defer	ndant-Intervenors, by and
24	through undersigned counsel of record, her	eby submit the followin	g statement of undisputed
25	material facts in support of their respective	e motions for summary	judgment:
26			
27	¹ Pursuant to Fed. R. Civ. P. 25(d), Grand Canyon National Park, is substitute		
	Defendants' Statement of Material Facts	1	Civ. No. 06-0894-PCT-DGC

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Prefatory Note: Each of Plaintiffs' claims seeks judicial review of agency actions pursuant tor the Administrative Procedure Act ("APA"), 5 U.S.C. § 706. The Ninth Circuit has held that summary judgment motions are an appropriate vehicle for resolving challenges to agency action under the APA. See Northwest Motorcycle Assn. v. U.S. Dept. of Agriculture, 18 F.3d 1468, 1471-72 (9th Cir. 1994). Nonetheless, judicial review of federal agency actions under the APA does not call for this Court to make factual findings on the merits or to determine the existence of genuine issues of disputed material facts on summary judgment. Rather, the Court's task is to review the Administrative Record that was before the federal agencies at the time they made the challenged decisions to determine whether, as a matter of law, that Record supports the agencies' decisions or whether the agencies' decisions are arbitrary, capricious or otherwise contrary to law. 5 U.S.C. § 706; Florida Power & Light Co. v. Lorion, 470 U.S. 729 (1985). Because the Court need not, and may not, "find" underlying facts, there are no material facts essential to the Court's resolution of this action. See, e.g., Celotex Corp. v. Catrett, 477 U.S. 317, 322 (1986); Lujan v. National Wildlife Federation, 497 U.S. 871, 883 (1990).

Thus, the "facts" necessary for resolution of this case on the pending cross-motions for summary judgment are set forth in the Administrative Record before the Court, and the "Statements of Material Facts" submitted by the Parties in support of their respective motions for summary judgment should be viewed as the Parties' summary and characterization of materials in the Record that support their legal arguments under the APA standard of review.

Establishment and Administration of Grand Canyon National Park

1. President Theodore Roosevelt established Grand Canyon National Monument through Proclamation No. 794, 35 Stat. 2175 (1908), to protect the Grand Canyon of the Colorado River, "the greatest eroded canyon within the United States." Congress established Grand Canyon National Park ("GRCA" or "Park") through the Act of February 26, 1919, ch. 44, 40 Stat. 1175, and enlarged it through the Grand Canyon National Park Enlargement Act, Pub. L. No. 93-620, 88 Stat. 2089 (1975), as amended by the Act of June 10, 1975, Pub. L.

No. 94-31, 89 Stat. 172.²

2. Under 16 U.S.C. § 222, the National Park Service ("NPS"), United States Department of the Interior, administers GRCA as a unit of the National Park System in accordance with what is commonly referred to as the NPS Organic Act, Act of August 25, 1916, ch. 408, 39 Stat. 535, codified as amended at 16 U.S.C. §§ 1 and 2-4 (2006), and with other laws applicable generally to units of the National Park System, including NPS's concessions authority.³

3. Section 1 of the NPS Organic Act directs the NPS to "promote and regulate the use of the Federal areas known as national parks, monuments, and reservations hereinafter specified . . . by such means and measures as conform to the fundamental purpose of the said parks, monuments, and reservations, which purpose is to conserve the scenery and wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations." 16 U.S.C. § 1. Section 3 of the Organic Act directs the Secretary of the Interior to "make and publish such rules and regulations as he may deem necessary or proper for the use and management of the parks, monuments, and reservations under the jurisdiction of the National Park Service." 16 U.S.C. § 3. A later statute, enacted as part of the Act of October 7, 1976, Pub. L. No. 94-458, 90 Stat. 1939, authorizes the Secretary of the Interior to "[p]romulgate and enforce regulations concerning boating and other activities on or relating to waters located within areas of the National Park System, including waters subject to the jurisdiction of the United States." 16 U.S.C. § 1a–2(h)

4. Acting under its various statutory authorities, the NPS has promulgated regulations

Defendants' Statement of Material Facts

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Civ. No. 06-0894-PCT-DGC

² The various statutes pertaining to GRCA's establishment and enlargement are codified at 16 U.S.C. §§ 221-228j (2006).

³ NPS's current concessions authority, the National Park Service Concessions Management Improvement Act of 1998 ("CMIA" or "Concessions Act"), was enacted as title IV of the National Parks Omnibus Management Act of 1998, Pub. L. No. 105-391, 112 Stat. 3497, 3503, and is codified at 16 U.S.C. §§ 5951-66 (2006). The CMIA repealed the former NPS concessions authorization law, which had been codified at 16 U.S.C. §§ 20-20g (1994).

specifically governing the use of the Colorado River within GRCA. See 36 C.F.R. § 7.4(b). NPS also has entered into concession contracts with 16 private entities to provide motorized and non-motorized boat trips for the public on the Colorado River within GRCA. AR 104606 (FEIS Vol. I at 19).⁴

Grand Canyon National Park and Wilderness

- 5. In 1964, Congress enacted the Wilderness Act, Pub. L. No. 88-577, 78 Stat. 890, establishing the National Wilderness Preservation System. See 16 U.S.C. §§ 1131-36. Under the Wilderness Act, federal agencies may recommend areas under their jurisdiction for wilderness designation, but only Congress may designate those areas as wilderness. Id. § 1132. There is no timetable or deadline for Congress to act to designate an area as wilderness. Id.
- 6. Subsection 4(d)(1) of the Wilderness Act authorizes permitting the continued use of aircraft and motorboats within designated wilderness, "where these uses have already become established." 16 U.S.C. § 1133(d)(1). Accordingly, the NPS Management Policies contemplate "the continuation of motorboat and aircraft use under certain circumstances in which those activities were established prior to wilderness designation." <u>Id.</u> § 6.4.3.3.
- 7. The Grand Canyon National Park Enlargement Act, as amended in June 1975, required the Secretary of the Interior to report to the President, within two years, "his recommendation as to the suitability or nonsuitability of any area within the national park for preservation as wilderness." 16 U.S.C. § 228i–1. In 1977, NPS prepared a "Final Wilderness Recommendation" for GRCA that proposed the Colorado River corridor as wilderness. SAR 002678-810 (particularly SAR 002695). That recommendation was

⁴ Citations to materials in the Administrative Record lodged with the Court on September 21, 2006, Dkt. No. 42, or the Supplemental Administrative Record lodged on February 16, 2007, Dkt. No. 50, are provided in the form of "AR ##" and "SAR ##," respectively, where "##" is the Bates number of the specific page or pages referenced. For the convenience of the Court and the Parties, citations to pages in certain core Administrative Record documents, such as the Final Environmental Impact Statement ("FEIS"), are given in parallel to the actual page numbers of those documents.

Defendants' Statement of Material Facts

forwarded to the Department's office of legislative counsel but was held in abeyance pending
completion of the Park's first comprehensive river management plan. AR 104604 (FEIS Vol.
I at 17); AR 104820 (FEIS Vol. I at 233). In 1980, upon completion of the plan, the NPS
resubmitted the wilderness recommendation to the Department, proposing the Colorado
River as "potential wilderness pending the phase-out of non-wilderness use by motorized
craft." SAR 005787; see also AR 104604 (FEIS Vol. I at 17); AR 104820 (FEIS Vol. I at
233); see generally SAR 005770-893.

- 8. In 1993, NPS prepared a document titled "1993 Update/Final Wilderness Recommendation." The 1993 Update again proposed the Colorado River corridor as potential wilderness, "pending resolution of the motorized riverboat issue." AR 104604 (FEIS Vol. I at 17); SAR 008274-008311 (particularly SAR 008292).
- 9. Congress has not designated any portion of GRCA as wilderness. AR 104604 (FEIS Vol. I at 17); AR 104820-23 (FEIS Vol. I at 233-36); AR 105206 (FEIS Vol. III at 369).
- 10. Until Congress acts on any wilderness recommendation for GRCA, the FEIS indicates that NPS will manage the Colorado River corridor within GRCA as "potential wilderness" in accordance with internal NPS guidance, including the NPS Management Polices. AR 104821 (FEIS Vol. I at 234).
- 11. In 2004, the GRCA Superintendent obtained the written concurrence of the Department of the Interior's Assistant Secretary for Fish and Wildlife and Parks in his conclusion, based on advice provided by his legal counsel, that "in developing the new CRMP [Colorado River Management Plan] the NPS may consider alternatives that permit the continued use of motorboats on the Colorado River in the park without violating the Wilderness Act or any written NPS policy." Attachment 2 to Federal Defendants' Supplemental Notice of Lodging Administrative Record, Dkt. No. 42, September 21, 2006.

⁵ Defendant-Intervenor Grand Canyon Private Boaters Association joins in paragraphs 11, 26 and 56 only insofar as those paragraphs provide that the Superintendent's memo dated

History of NPS's Management of Colorado River within GRCA

12. Use of the Colorado River within GRCA increased substantially after completion of the Glen Canyon Dam in 1963 resulted in a steady flow of water in the River and made river-running feasible on a year-round basis. In 1967, only 2,100 people ran the River through the Park; by 1972 that number had risen nearly eightfold to 16,500, exceeding total use during the 100-year period from 1870 through 1969. That enormous increase resulted in deleterious impacts on sensitive inner canyon resources: accumulating trash, charcoal, and human waste; development of multiple informal trails to points of interest; and damage to cultural resources near the River. It also led to competition and conflicts among diverse user-groups. AR 104590 (FEIS Vol. I at 3); SAR 005230-35; SAR 007528-30.

13. At that time, NPS initiated the first in a series of river planning and management efforts, culminating in a River Use Plan issued in December 1972. SAR 000712-30.⁶ During the ensuing three decades, that plan was followed, in order, by a number of other river planning and management documents:

15	<u>Title of Document</u>	<u>Date</u>	AR Citation
16	Draft Environmental Statement Proposed: Establishment of Visitor Use	February 13, 1973	SAR 000913-71
17	Limits on the Colorado River Through Grand Canyon National Park, Arizona		
18			
19	Colorado River Management Plan ("1979-80 CRMP")	Dated 1980 (Approved December 20, 1979)	SAR 005223-85
20	Colorado River Management Plan and	CRMP dated December 1981;	SAR 005921-61
21	Annual Operating Requirements ("1981 CRMP")	Record of Decision signed January 28, 1982	SAR 006063-67
22	Colorado River Management Plan ("1989 CRMP")	Dated September 1989 (Approved September 14, 1989)	SAR 007522-612
23	(1707 CRIVII)	(Approved September 14, 1767)	
24	Final Environmental Impact Statement and Record of Decision/Colorado River	FEIS dated November 2005; Record of Decision approved	AR 104555-106104

April 27, 2004 was relied upon by NPS and appears in the Administrative Record with the Supplemental Notice of Lodging.

⁶ No statute, regulation, guideline, or policy requires NPS to develop or revise a river management plan.

The documents listed above analyze the impacts of visitor use on the Colorado River corridor's resources and attempt to establish the corridor's "carrying capacity." See, e.g., AR 109607-08 (Record of Decision ("ROD") for 2006 CRMP at 17-18); AR 104617-19 (FEIS Vol. I at 30-32). All quantify visitor use in terms of user-days. E.g., AR 109593 (ROD for 2006 CRMP at 3). One person using the river for any portion of one day equals one user-day. AR 104621 (FEIS Vol. I at 34). In all of the planning documents listed above, NPS allocated the number of user-days between professionally outfitted and guided (i.e., commercial) boaters and self-outfitted and self-guided (i.e., private or noncommercial) boaters.

- 14. The 1973 Draft Environmental Statement allocated 89,000 user-days to commercial users and 7,600 user-days to noncommercial users, or a ratio of 92.1 percent commercial to 7.9 percent noncommercial. SAR 000916.
- 15. The 1979-80 CRMP allocated 115,500 user-days to commercial users and 54,450 user-days to noncommercial users, or a ratio of 67.9 percent commercial to 32.1 percent noncommercial, divided between "summer" (April 16-October 15) and "winter" seasons (October 16-April 15). SAR 005244-51. That allocation was "based on the best available information on the demand for commercial and noncommercial trips." Several factors complicated the NPS's allocation decision, including the absence of a means to count the number of potential commercial passengers turned away because certain dates are full, duplicate applications for noncommercial trips, and false applications for noncommercial trips. Because of those factors, the "allocation ratio is . . . a best estimate based on experience and on interpretation of the available data." SAR 005249-50.
- 16. The 1981 CRMP and 1989 CRMP incorporated the annual allocation announced in the 1979-80 CRMP, with only minor changes to the seasonal definitions and allocations. SAR 005930; SAR 007530.
 - 17. The 2006 CRMP continues to cap commercial use at 115,500 user-days annually;

all of that use will occur between April 1 and October 31, during what the 2006 CRMP calls the "summer season" (May 1-August 31) and most of the "shoulder seasons" (March 1-April 30 and September 1-October 31). The 2006 CRMP does not cap noncommercial user-days. Based on expected number of launches and group size, NPS estimates that noncommercial boaters will use 79,399 user-days during the summer and shoulder seasons and 34,087 user-days during the winter season, or a total of 113,486 user-days. Therefore, as measured in user-days, the 2006 CRMP allocates approximately 50.3 percent of annual use to commercial boaters and 49.7 percent to noncommercial boaters. During the summer and shoulder seasons the ratio is 59.3 percent commercial to 40.7 percent noncommercial. AR 109592-93 (ROD at 2-3).

18. In the 1979-80 CRMP, NPS announced a plan to phase out the use of motorized watercraft on the Colorado River within GRCA over a five-year period. SAR 005244. In the appropriations act for the Department of the Interior and related agencies for federal fiscal year 1981, Congress responded to the NPS's plan by enacting a provision, sponsored by Senator Orrin Hatch and commonly referred to as the "Hatch Amendment," that prohibited the use of funds appropriated by the act "for the implementation of any management plan for the Colorado River within Grand Canyon National Park which reduces the number of user days or passenger-launches for commercial motorized watercraft excursions, for the preferred use period, from all current launch points below that which was available for the same period in the calendar year 1978." Title I, § 112 of the Act of December 12, 1980, Pub. L. No. 96-514, 94 Stat. 2957, 2972; SAR 005896-5900; SAR 005901-02. In response to that legislative restriction, NPS revised the 1979-80 CRMP to produce the 1981 CRMP, which, among other things, removed the five-year phase-out of motorized watercraft. SAR 005903-10; SAR 005921-61 (particularly SAR 005928). Subsequent river management plans have not called for the phase-out of motorized

 $^{^7}$ The 2006 CRMP permits only noncommercial use between November 1 and March 31. AR 109593 (ROD at 3).

1	watercraft, and NPS has continued to issue concession contracts requiring the use of motors.
2	1995 General Management Plan
3	19. In August 1995, NPS approved a general management plan ("1995 GMP") for
4	GRCA. AR 010126-99. The 1995 GMP guides the management of resources, visitor use,
5	and general development at the Park over a 10- to 15-year period. AR 010132 (1995 GMP
6	at 1). The plan focuses on the Park's developed areas: South Rim, North Rim, Tuweep, and
7	the corridor or cross-canyon trails. AR 010132 (1995 GMP at 1). Among its many
8	management objectives, the 1995 GMP includes the following:
9 10	Manage the Colorado River corridor through Grand Canyon National Park to protect and preserve the resource in a wild and primitive condition. Actively pursue the designation of eligible segments as part of the national wild and scenic rivers system.
11	
12	Provide a wilderness river experience on the Colorado River (this objective will not affect decisions regarding the use of motorboats on the river).
13	AR 010138-42 (1995 GMP at 7-11).
14	20. With respect to the CRMP, the 1995 GMP states:
15	The park's 1989 Colorado River Management Plan will be revised as needed to conform with the direction given in the management objectives of this
16	General Management Plan. The use of motorboats will be addressed in the revised plan, along with other river management issues identified through the
17 18	scoping process. The revised plan will also conform to NPS direction and responsibilities as set forth in the <i>Operation of Glen Canyon Dam Final Environmental Impact Statement</i> (Bureau of Reclamation).
19	AR 010182 (1995 GMP at 57).
20	2006 Colorado River Management Plan
21	21. In the 1989 CRMP, NPS stated that it would conduct a "comprehensive plan
22	review" within a five- to 10-year period. SAR 007535.
23	22. In 1997, NPS initiated that review, hosting public scoping workshops in Portland,
24	Oregon; Salt Lake City, Utah; and Phoenix, Arizona, and inviting written public comments
25	on river issues. SAR 10432-10433. That review process continued on and off until February
26	2000, when it was suspended by GRCA Superintendent Robert L. Arnberger. SAR 014305-
27	014429. His decision to suspend the planning process precipitated the filing of two lawsuits,

1	one styled Randall v. Babbitt, No. CIV 00-349 MV/WWD (D.N.M.), and the other Grand
2	Canyon Private Boaters Ass'n v. Arnberger (hereinafter "GCPBA"), No. CIV 00-1277 PCT-
3	PGR-TSZ (D. Az.). NPS settled GCPBA by agreeing to restart the planning process within
4	120 days after dismissal of the action and to complete a new CRMP by December 31, 2004.
5	AR 104593-94 (FEIS Vol. I at 6-7); see www.nps.gov/archive/grca/crmp/documents/index
6	(copy of settlement agreement).8
7	23. On June 13, 2002, NPS published in the Federal Register a notice of intent to
8	prepare an environmental impact statement ("EIS") for a revised CRMP. AR 105847 (FEIS
9	Vol. II at 810).
10	24. In 2002, NPS hosted a series of public scoping meetings at the following
11	locations:
12	August 1, 2002 Denver, Colorado
13	August 6, 2002 Sandy, Utah (suburb of Salt Lake City)
14	August 8, 2002 Flagstaff, Arizona
15	August 13, 2002 Las Vegas, Nevada
16	August 15, 2002 Mesa, Arizona
17	September 30, 2002 Towson, Maryland (suburb of Baltimore)
18	October 2, 2002 Oakland, California
19	More than a thousand people attended those meetings. AR 105847-105848 (FEIS Vol. II at
20	810-11). During the public scoping process, NPS received approximately 13,770 written
21	submissions containing approximately 55,165 comments. AR 105848 (FEIS Vol. II at 811).
22	The public identified the following major issues: access and visitor services; motors and
23	aircraft use; allocation and the noncommercial permit system; level of use/crowding, trip
24	length, and group size; and resource protection, tribal issues, and NPS regulations. AR
25	8 On April 19, 2004, the District Court in New Mexico denied the Randall plaintiffs' request
1	on riprin 17, 2001, the District Court in 110 w mexico defined the <u>Randan</u> planning request

Defendants' Statement of Material Facts

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for an adjustment of the allocation between commercial and noncommercial boaters, but ordered NPS "to complete a comprehensive plan review, as had been contemplated by the

1989 CRMP, within a reasonable time." 2003 U.S. Dist. LEXIS 27224.

Civ. No. 06-0894-PCT-DGC

105848-49 (FEIS Vol. II at 811-12). In January and June 2003, an NPS contractor conducted four intensive "stakeholder workshops" and one public workshop on various issues, including allocation of recreational use and motor use on the river. AR 105849 (FEIS Vol. II at 812).

25. In 1998, NPS had contracted with two researchers, Dr. Troy Hall and Dr. Bo Shelby, to conduct a sociological study on river runners and river running in the Grand Canyon. They provided NPS a June 15, 2000, report titled "1998 Colorado River Boater Study, Grand Canyon National Park." SAR 015411-624. The objective of the 1998 study was "to obtain information about boaters' experiences, and especially how social conditions affect experiences. One goal was to evaluate conditions (encounters) in relation to NPS management standards. Another was to replicate a 1975 study to assess how conditions and visitor attitudes had changed." SAR 015426. In early 2004, NPS received from Dr. Shelby and another researcher, Dr. Doug Whittaker, a "technical memorandum" titled "River Running in the Grand Canyon: Current Situation and Social Impacts of Alternatives." AR 107899-8079. That technical memorandum summarized the older and more recent research and provided detailed information about social and visitor experience issues related to recreational river running. AR 107908. NPS used the 2004 technical memorandum to develop the descriptions and analyses of visitor use and experience in both the draft and final environmental impact statements. AR 107908; AR 106047 (FEIS Appendix G).

26. In a memorandum dated April 27, 2004, the GRCA Superintendent sought concurrence of the Department of the Interior's Assistant Secretary for Fish and Wildlife and Parks in his conclusion, based on advice provided by legal counsel, that in preparing the revised CRMP he legitimately could consider alternatives permitting the continued use of motors on the Colorado River without violating the Wilderness Act or any written NPS policy. On November 10, 2004, the Assistant Secretary signed the concurrence line on the Superintendent's memorandum, which previously had been endorsed by the NPS's Regional Director and NPS's Director in Washington, D.C. Attachment 2 to Federal Defendants' Supplemental Notice of Lodging Administrative Record, Dkt. No. 42, September 21, 2006.

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In his memorandum, the Superintendent first observes that under section 4(d)(1) of the Wilderness Act the administering federal official generally has discretion to permit continued motorboat use where it has already become established. "It is undisputable," he continues, "that motorboat use has already become established on the Colorado River within GRCA." After quoting the relevant section of the NPS Management Policies, he then observes that "continued motorboat use on the Colorado River does not permanently impact wilderness resources or permanently denigrate wilderness values (but rather causes only a temporary or transient disturbance) and therefore does not compromise possible future wilderness designation." In support of that proposition, he cites a January 20, 1999, document prepared by the Washington, D.C., Solicitor's Office stating that "the use of motors is not an irretrievable commitment of resources that would foreclose meaningful congressional consideration of a wilderness proposal. (The use of motors is not equivalent to cutting trees.)" "Therefore," the Superintendent concludes, "the NPS Management Policies and Director's Order [# 41] do not require the NPS to seek to remove motorboat use from the river."

27. In the fall of 2004, NPS released for public review the draft environmental impact statement ("DEIS") for the revised CRMP. AR 102375-618 (DEIS Vol. I); AR 102619-3228 (DEIS Vol. II); AR 105849-50 (FEIS Vol. II at 812-13). The DEIS presented eight alternatives (identified as Alternatives A-H) for managing the River from Lees Ferry (River Mile 0) to Diamond Creek (River Mile 226) and five alternatives (identified as Alternatives 1-5) for managing the River from Diamond Creek (River Mile 226) to Lake Mead (River Mile 277). AR 102381-87 (DEIS Vol. I at v-xi). The various alternatives (and combinations of alternatives) incorporated a wide range of options to accommodate both commercial and noncommercial users. Because of the complexity of the DEIS and the level of public interest, NPS extended the standard 90-day public comment period on the DEIS from its original ending date of January 7, 2005, to February 1, 2005. AR 105849 (FEIS Vol. II at 812). In 2004, NPS hosted a series of public meetings to receive public comments on the

DEIS at the following locations:

2	November 8, 2004	Denver, Colorado
3	November 10, 2004	Salt Lake City, Utah
4	November 16, 2004	Washington, D.C.
5	November 18, 2004	Las Vegas, Nevada
6	November 22, 2004	Flagstaff, Arizona
7	November 30, 2004	Phoenix, Arizona
8	December 2, 2004	San Francisco, California

Approximately a thousand people attended those meetings. AR 105849-50 (FEIS Vol. II at 812-13). During the public review period, NPS received almost 10,000 written submissions containing approximately 6,000 substantive and 30,000 nonsubstantive comments. AR 105850 (FEIS Vol. II at 813); AR 104840 (FEIS Vol. III at 1). NPS reviewed, coded, and organized the substantive comments into subject-matter categories, including allocation, concessions, natural soundscape, visitor use and experience, and wilderness. AR 104838-39 (FEIS Vol. III at i-ii). NPS then analyzed and responded to those comments, where appropriate modifying the DEIS as a result. <u>E.g.</u>, AR 105207 (FEIS Vol. III at 370) (in response to public comments, NPS added "wilderness character" as impact topic).

28. Among the comments received by NPS were a set of joint comments from a coalition of groups representing both commercial and noncommercial users of the Colorado River within GRCA--the Grand Canyon River Outfitters Association, the Grand Canyon Private Boaters Association, American Whitewater, and the Grand Canyon River Runners Association--regarding how best to revise the CRMP in a manner that would resolve longstanding river management controversies. AR 050534-41. Their joint comments supported equal allocation of use between commercial and noncommercial use on an annual basis, the continued authorization of an appropriate level of motorized use, seasonal adjustments that would result in fewer river trips occurring at one time, and improvements to the noncommercial permit system. AR 060444-51; AR 050468.

- 29. In November 2005, NPS released the three-volume Final Environmental Impact Statement ("FEIS") for the revised CRMP. AR 104555-833 (Vol. I); AR 105919-6104 (Appendixes); AR 105262-918 (Vol. II); AR 104834-5261 (Vol. III).
- 30. On February 17, 2006, the NPS Regional Director approved the Record of Decision ("ROD") for the revised CRMP. AR 109590-626. In the ROD, NPS announced that it had selected for implementation the preferred alternatives--Modified Alternative H (Lees Ferry to Diamond Creek) and Modified Alternative 4 (Diamond Creek to Lake Mead)--described in the FEIS. AR 109592 (ROD at 2).
- 31. In accordance with regulations (40 C.F.R. chapter V (parts 1500-17)) promulgated by the Council on Environmental Quality pursuant to Section 102(2) of the National Environmental Policy Act of 1969, the FEIS analyzes the cumulative effects of each alternative when added to other past, present, and reasonably foreseeable future actions, including operation of Glen Canyon Dam, backcountry management at GRCA, Hualapai Tribal actions solely on their land, air tour management efforts at GRCA, and comprehensive noise management at GRCA. NPS analyzed the cumulative effects on various aspects of the affected environment, each of which is identified in the FEIS as a "resource topic" or "impact topic." AR 105277-78 (FEIS Vol. II at 240-41); AR 1052856 (FEIS Vol. II at 249).
- 32. In the FEIS, NPS adopted management zones based on the recreational opportunity spectrum, a planning framework that recognizes that people participate in various recreational activities in different biophysical/social/managerial settings to realize various experiences. AR 104626 (FEIS Vol. I at 39). The FEIS divides the Colorado River corridor into four zones, ranging from "primitive" (Lees Ferry to Diamond Creek) to "urban" (park boundary to Lake Mead). AR 104626-29 (FEIS Vol. I at 39-42).
- 33. Through the process of developing the DEIS and the FEIS, NPS considered and determined the Colorado River corridor's "visitor carrying capacity," which NPS defined as "the type and level of visitor use that can be accommodated while sustaining acceptable resource and social conditions that complement the park." The concept of carrying capacity

- 34. NPS also considered the equitable allocation of use between commercial and noncommercial boaters without exceeding the Colorado River corridor's carrying capacity. AR 102426-28 (DEIS Vol. I at 24-26); AR 104615-17 (FEIS Vol. I at 28-30). Although relative demand for commercial and noncommercial trips is difficult, if not impossible, to measure, multiple sources indicate that demand exceeds supply for both commercial and noncommercial trips. AR 104785-86 (FEIS Vol. I at 198-99).
- 35. As discussed above, the 2006 CRMP adjusts the allocation of use between commercial and noncommercial users that was in effect under the 1989 CRMP. The 1989 CRMP allocated 115,500 user-days to commercial users and 54,450 user-days to noncommercial users annually, or a ratio of 67.9 percent commercial to 32.1 percent noncommercial. SAR 007530. The 2006 CRMP continues to cap commercial use at 115,500 user-days annually; however, the 2006 CRMP does not cap noncommercial user-days. Based on expected number of launches and group size, NPS estimates that noncommercial boaters will use 113,486 user-days annually. Therefore, as measured in user-days, the 2006 CRMP allocates approximately 50.3 percent of annual use to commercial boaters and 49.7 percent to noncommercial boaters. During the summer and shoulder seasons the ratio is 59.3 percent commercial to 40.7 percent noncommercial. AR 109592-93 (ROD at 2-3); AR 104630 (FEIS Vol. I at 43).
- 36. Under the 1989 CRMP--specifically during the five-year period from 1998 through 2002--an average of 640 commercial launches and 18,891 commercial passengers embarked on the River annually. AR 104632 (FEIS Vol. I at 45). Under the 2006 CRMP, those numbers will decrease to 598 launches and an estimated 17,600 passengers. AR 062742 (ROD at 3); AR 104647 (FEIS Vol. I at 60). Under the 1989 CRMP, an average of

253 noncommercial launches and 3,570 noncommercial passengers embarked on the River annually. AR 104632 (FEIS Vol. I at 45). Under the 2006 CRMP those numbers will nearly double to a total of 503 launches and an estimated 7,051 passengers. AR 109593 (ROD at 3); AR 104647 (FEIS Vol. I at 60).

37. Throughout the process of developing the DEIS and the FEIS, NPS considered visitor use and experience as part of the affected environment and analyzed the impacts of the various proposed alternatives on visitor use and experience. AR 102566-95 (DEIS Vol. I at 164-93); AR 102990-3077 (DEIS Vol. II at 578-665); AR 104767-96 (FEIS Vol. I at 180-209); AR 105642-733 (FEIS Vol. II at 605-96). The FEIS summarizes the public comments received during public scoping as follows:

The analysis of public scoping comments clearly indicated that there is no one definition of the ideal Grand Canyon river trip. For example, while some people may prefer a trip without motors of any kind, some may prefer a motorized trip that ends with a helicopter ride. Still others may prefer motorized trips, but find the prospect of encountering a helicopter shuttle unacceptable. Some visitors want a social experience while others prefer to vacation with a small group that is unlikely to encounter other groups. Some want short trips, others want long trips. Preferences also vary on desired season and whether trips are commercial or self-guided. All of the variables, and the degree to which each is offered, are considered in this analysis.

AR 105645 (FEIS Vol. II at 608).

- 38. The NPS also specifically considered whether guided, commercial trips down the Colorado River, including motorized trips, are a necessary and appropriate service to authorize within GRCA. AR 104605-07 (FEIS Vol. I at 18-20). Commercial outfitters have been providing guided trips on the Colorado River through GRCA for nearly 60 years. AR 104606 (FEIS Vol. I at 19). In general, motorized trips are shorter than nonmotorized trips, and motorized, commercial trips are less expensive than nonmotorized commercial trips. AR 104804 (FEIS Vol. I at 217).
- 39. After releasing the DEIS, NPS received hundreds of public comments on the motors/no-motors issue. Although opinions varied widely, many commenters urged the NPS to continue to authorize motorized trips. The most common reasons given in support of continuing to authorize motorized trips were to increase access for those physically unable

١	to experience the canyon without motorized assistance, to offer shorter trips for people with
	limited vacation time, and to offer less expensive trips (i.e., faster and thus shorter than
	commercial oar trips) for people with limited financial means. Four major Grand Canyon
	river user groupsrepresenting a diverse assembly of the Park's river users, including
	outfitters, private boaters, and commercial passengersin joint comments, explained the
	importance of motorized use, stating, in part:
	The collaborating groups support the continuation of an appropriate type and level of both motor and non-motor recreational use on the Colorado River within the Grand Canyon throughout the life of the newly revised CRMP. * * * Motorized use as part of the system allows for far greater and broader overall public access opportunities to Grand Canyon river trips, both commercial and noncommercial, than would otherwise be possible. * * * It is

AR 050540. Many individuals submitted comments similar to the following:

River under the updated and revised CRMP.

We applaud the National Park Service for supporting the continuation of motorboats in Preferred Alternative 'H'. Retaining motorized rafting supports the management objective of providing a diverse range of quality recreational opportunities for park visitors by allowing the widest spectrum of ages, abilities and trip lengths for canyon visitors. We are pleased that the NPS recognizes the fact that motorboats do not 'permanently impact wilderness resources or permanently denigrate wilderness values.'

absolutely critical, therefore, that a reasonable level of the appropriate type of both motorized and non-motorized recreational use continue on the Colorado

AR 047187. One commenter stated: "It [prohibiting motorboats and helicopters] would certainly eliminate many, or most, individuals from making the trip for time, financial, or physical factors." AR 057654. Another commenter stated:

When I was young enough to hike the canyon, I had neither the money nor the vacation time to allow me to raft the canyon. I dreamed of someday rafting the canyon for nearly 25 years before I was able to do it. Do not restrict rafting to only those tax-paying citizens fit enough to hike in/out of the canyon. Do not make rafting the canyon available only to those citizens with enough vacation time and rafting experience to take an 18-day non-motorized rafting trip.

AR 057567.

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40. With respect to the impact on visitor use and experience of Modified Alternative H, the selected alternative for the upper section of the River (Lees Ferry to Diamond Creek), NPS concluded:

Because of the variability of visitors' perceptions, values, and their level of sensitivity to certain impacts, the intensity of impacts would be negligible to moderate, and adverse or beneficial depending on their perspective and desired experience. The even launch patterns, smaller group sizes, higher level of mixed motorized and nonmotorized opportunities at similar to current levels of Whitmore exchanges during the motorized season, and increased discretionary time throughout the year, but especially during the summer season, would most likely be desirable to most people seeking both motorized and nonmotorized trips.

AR 105691 (FEIS Vol. II at 653).

41. Based on extensive public comments it received on the DEIS and its various impact analyses, NPS made the following determination with respect to the necessity and appropriateness of continuing to authorize commercial river guides and trips:

A river trip through the Grand Canyon can be a life-shaping experience. Thousands of visitors each year seek to experience the Grand Canyon in this intimate and adventurous way. Since many visitors who wish to raft the Colorado River through Grand Canyon possess neither the equipment nor the skill to successfully navigate the rapids and other hazards of the river, the NPS has determined that it is necessary and appropriate for the public use and enjoyment of the park to provide for experienced and professional river guides who can provide such skills and equipment.

AR 104606 (FEIS Vol. I at 19).

- 42. Although NPS will continue to authorize commercial trips, including motorized trips, the 2006 CRMP imposes additional restrictions on commercial trips. For example, the 1989 CRMP permitted a maximum of 43 passengers per motorized commercial trip (39 per nonmotorized commercial trip), including guides. The 2006 CRMP reduces group size, permitting a maximum of 32 passengers per commercial trip, including guides, from May 1 through August 31, and 24 passengers, including guides, during the "shoulder seasons." AR 109592 (ROD at 2); AR 104630 (FEIS Vol. I at 43); AR 104646 (FEIS Vol. I at 59).
- 43. In the FEIS, NPS considered natural soundscape as part of the affected environment and analyzed the impact of the various proposed alternatives on natural soundscape along the Colorado River within GRCA. AR 104728-30 (FEIS Vol. I at 141-43); AR 105385-441 (FEIS Vol. II at 348-404). NPS also considered appropriate mitigation measures to reduce the impacts of various alternatives on the natural soundscape. AR 105393-94 (FEIS Vol. II at 356-57).

- 44. For purposes of the natural soundscape analysis, NPS evaluated impacts "for the noise produced at various locations along the river corridor (percent time audible), and contrasted to the amount of unaffected natural sounds (noise-free interval) to be expected or desired in the particular zone." AR 105391 (FEIS Vol. II at 354). NPS utilized "natural ambient sound levels" or "natural soundscape" as the baseline for its analysis. AR 104728-30 (FEIS Vol. I at 141-43) and AR 105388-98 (FEIS Vol. II at 351-61).
- 45. Typical water-influenced natural ambient sound levels along the river vary between 24 dBA and 66 dBA, depending on proximity to rapids and flow levels. AR 104728-30 (FEIS Vol. I at 141-43); AR 105389 (FEIS Vol. II at 352).
- 46. The 2006 CRMP continues to require the use of four-stroke outboard motors, which are cleaner burning and quieter than two-stroke outboard motors, and prohibits the use of generators, except in emergency situations and for inflating rafts. AR 109597 (ROD at 7); AR 105323, 105330 (FEIS Vol. II at 286, 293). A researcher measured the noise produced by a 30-horsepower, four-stroke outboard motor, operating at full speed while headed downstream, at a maximum of 60 dBA at a distance of about 56 yards. AR 105389 (FEIS Vol. II at 352). By comparison a normal conversation also measures about 60 dBA. AR 104730 (FEIS Vol. I at 143). In locations such as river rapids, where the sound from moving water and other natural sounds (wind, storm activity, insect activity, etc.) raises the natural ambient sound levels, the sounds of motors and other human sources will usually have less impact on the natural soundscape. AR 105395 (FEIS Vol. II at 360).
- 47. Under the 2006 CRMP, during the peak summer season (May-August), motorboat noise may be audible at any single point on the river for a total of about 54 minutes during a 12-hour day, which is considered a minor adverse impact. Because motorized watercraft do not run their motors all the time, for any single point on the river the noise intrusions are expected to be random in nature and infrequent. AR 105421 (FEIS Vol. II at 384).
- 48. The 1989 CRMP authorized motorized trips during nine months of the year; the 2006 CRMP authorizes motorized trips during only five and a half months of the year. AR

49. Some passengers either leave or join an existing river trip at places other than the standard launch points, such as Phantom Ranch (River Mile 88) or Whitmore Wash (River Mile 187). The action of substituting one passenger for another is known as a "passenger exchange." AR 104774 (FEIS Vol. I at 187). Most passenger exchanges at Whitmore Wash occur via helicopters landing on, and taking off from, nearby Hualapai Indian Reservation lands. AR 104774 (FEIS Vol. I at 187); AR 104781 (FEIS Vol. I at 194). NPS has no authority over transportation outside Park boundaries, including helicopter flights on Hualapai lands. AR 104646 (FEIS Vol. I at 59). Helicopters landing at Whitmore Wash on the Hualapai Indian Reservation typically transport passengers to and from the Bar-10 Ranch, a private ranch located outside of the park on the north rim. AR 104774 (FEIS Vol. I at 187); AR 104802 (FEIS Vol. I at 215).

50. Section 3(b) of the Act of August 18, 1987, Pub. L. No. 100-91, 101 Stat. 674, required the Secretary of the Interior to submit to the Administrator of the Federal Aviation Administration a recommendation providing for "the substantial restoration of the natural quiet and experience of the park [GRCA] and protection of public health and safety from adverse effects associated with aircraft overflight." In accordance with this Act, the Administrator prepared a final plan for air traffic in the air space above the Grand Canyon and promulgated regulations to implement it. 14 C.F.R. Part 93, Subpart U. However, Section 3(c) of the Act contained the following limitation:

- (c) HELICOPTER FLIGHTS OF RIVER RUNNERS--Subsection (b) shall not prohibit the flight of helicopters--
- (1) which fly a direct route between a point on the north rim outside of the Grand Canyon National Park and locations on the Hualapai Indian Reservation (as designated by the Tribe); and
- (2) whose sole purpose is transporting individuals to or from boat trips on the Colorado River and any guide of such a trip.
- 51. The 1989 CRMP permitted passenger exchanges at Whitmore Wash all year. AR 104630 (FEIS Vol. I at 43). The 2006 CRMP permits passenger exchanges at Whitmore

audible at all during the rest of the day. AR 105422 (FEIS Vol. II at 385).

- 52. With respect to the impact on natural soundscape of Modified Alternative H, the selected alternative for the upper section of the River (from Lees Ferry to Diamond Creek), NPS concluded that overall noise intrusions would be of "minor to moderate intensity (at high-use areas and gathering points). It is likely that impacts can be reduced to minor levels or less with adequate funding and staffing for a monitoring and mitigation program." NPS also noted that even if all noise from all river recreation were eliminated from the Park (including river-related helicopter flights at Whitmore), "[t]here would still be 'significant adverse effects' on the natural soundscape due to frequent, periodic and noticeable noise from [non-river-related] overflights." AR 105424 (FEIS Vol. II at 387).
- 53. In response to public comments on the DEIS, the FEIS considered wilderness character as part of the affected environment and analyzes the impact of the various proposed alternatives on wilderness character along the Colorado River within GRCA. AR 104820-23 (FEIS Vol. I at 233-36) and AR 105815-37 (FEIS Vol. II at 778-800). Specifically, NPS analyzed the impacts of the various proposed alternatives on the following three qualities of wilderness derived from the language of the Wilderness Act:
 - a. Wilderness is undeveloped land retaining its primeval character and influence, without permanent improvements or human habitation.
 - b. Wilderness generally appears to have been affected primarily by the forces of nature, with the imprint of man's work substantially unnoticeable.
 - c. Wilderness has outstanding opportunities for solitude or a primitive and unconfined type of recreation.

- 54. With respect to the impact on wilderness recreational opportunities of Modified Alternative H, NPS stated: "Visitors will experience smaller group sizes, especially during the shoulder and winter months, and the absence of motorized rafts and helicopter noise at the Whitmore area for at least six months each year (beginning in late September through March)." AR 105828 (FEIS Vol. II at 791). NPS also concluded: "For visitors seeking outstanding opportunities for solitude or a primitive and unconfined type of experience, the impacts would be adverse and of moderate intensity during the peak motorized periods, with beneficial and negligible impacts during the longer non-motorized use period with smaller group size." AR 105829 (FEIS Vol. II at 792).
 - 55. With respect to the impact on wilderness character of Modified Alternative H, NPS concluded that the impacts would be both beneficial and adverse, and would range in intensity from negligible to moderate. AR 105829 (FEIS Vol. II at 792).
 - 56. Based on advice provided by legal counsel and with the concurrence of the Department of the Interior's Assistant Secretary for Fish and Wildlife and Parks, the GRCA Superintendent concluded that it legitimately could permit the continued use of motorboats on the Colorado River without violating the Wilderness Act or any written NPS policy because (a) Congress has not designated any portion of GRCA as wilderness and (b) the continued use of motors is only a temporary or transient disturbance of wilderness values on the River and does not permanently impact wilderness resources or permanently denigrate wilderness values. Furthermore, "the continued use of motorboats does not pose a legal impediment to possible wilderness designation." AR 104604 (FEIS Vol. I at 17); AR 104821-22 (FEIS Vol. I at 234-35); Attachment 2 to Federal Defendants' Supplemental Notice of Lodging Administrative Record, Dkt. No. 42, September 21, 2006.

Dated: August 6, 2007. Respectfully Submitted,

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	Defendants' Statement of Material Facts	23 Civ. No. 06-0894-PCT-D0

1	<u>CERTIFICATE OF SERVICE</u>
2 3	I hereby certify that on August 6, 2007, I electronically transmitted the attached document to the Clerk's Office using the CM/ECF System for filing and transmittal of a Notice of Electronic Fling to the following CM/ECF registrants:
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