

## Summary

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### New Document:

[FinalEIS](#)

33 pages (1.83 MB)

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### Old Document:

[Appendices](#)

34 pages (1.63 MB)

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No pages were deleted

## How to read this report

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**Appendix P**

**Public and Agency Scoping Comments**

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### Chatfield Reservoir Storage Reallocation Project—Summary of Public and Agency Scoping Comments

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
1	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	The state believes it is feasible to reallocate some of the flood control space at Chatfield Reservoir to allow for up to 20,600 acre-feet of additional water storage space in the existing operational pool. This decision can be made after conducting an antecedent flood study that will demonstrate that the Corps can change its operating criteria so that more reservoir space is available for water storage.	Hydrology
2	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	A recent 2003 Colorado State House Joint Resolution (03-1017) also supports the reallocation of Chatfield reservoir capacity for additional water storage use.	General
3	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	In order to make the 20,600-AF storage space available, one of four actions would have to be taken: 1) Build a 3.5 ft. high wave action/parapet wall around the top of the existing structure; 2) Increase outlet works releases during severe flood events; 3) Increase the size of the spillway from 390 ft. wide to 490 ft wide; or 4) Conduct a site-specific antecedent flood study.	Alternatives
4	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	The State believes that conducting a site-specific antecedent flood study is the preferred alternative the Corps should decide to use; and by conducting such a study will find that the existing Chatfield Reservoir structures are adequate to hold the additional 20,600 AF of water.	Hydrology
5	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	Allowing more water to be stored in Chatfield Reservoir is the most cost-beneficial of any other storage options being pursued in the area at this time. The current cost estimates for the additional storage space at Chatfield is thousands of dollars less per AF than new reservoir storage.	Socioeconomics - Benefit

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6	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	Expanding the use of this reservoir will help water suppliers cope with impacts of drought much sooner.	Socioeconomics
7	Letter	10/25/2004	Russell George and Rod Kuharich	Colorado DNR - CWCB	Agency	Expanding the use of Chatfield Reservoir will help CWCB meet its planning goals, based from a comprehensive study of Colorado's current and future water needs. Through the Statewide Water Supply Initiative (SWSI), CWCB has determined that an 89,000-AF gap exists between currently available water supply and future water needs.	Socioeconomics
8	Scoping Meeting - Verbal	10/26/2004	Andy Hough	Douglas County - Planning and Community Development	Agency	Concern about impacts on Preble's Meadow Jumping Mouse.	Wildlife
9	Scoping Meeting - Whiteboard	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	How will water rights affect the relocation of and /or access to recreation facilities?	Recreation
10	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	Scuba organization should be notified of this project.	Scoping
11	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	Notice of scoping meetings was not adequate.	Scoping
12	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	Mailings were not postmarked until October 15th, less than 2 weeks before the public meeting.	Scoping
13	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	Some water rights are junior and water will be high only 1 out of 3 years. When the recreation facilities are moved farther from the average flow water surface, recreation facilities will be less functional.	Recreation
14	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	Additional storage would have impacts, but fewer impacts than constructing a new reservoir would.	General

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15	Scoping Meeting - Verbal	10/26/2004	Ann Bonnell	Audubon of Denver Metro	Membership Organization	The recreation plan had landscape plantings. I want to know where the water supply is for the irrigation of these plantings.	Recreation
16	Scoping Meeting - Verbal	10/26/2004	Brad Buckner - Park Manager	Colorado State Parks - Chatfield State Park	Agency	The recreation study had certain assumptions. USACE policy has changed and State Parks does not know what final decisions would be made that affect the outcome of this project, particularly that affect recreation.	General
17	Scoping Meeting - Verbal	10/26/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	Concerned with water quality. CWA has adopted TMDL for Phosphate. As water retention times change, P levels may change, and the standards may not reflect this change.	Water Quality
18	Scoping Meeting - Verbal	10/26/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	Hayman wildfire may have resulted in sediment in reservoir and may have contaminants such as Mercury.	Water Quality
19	Scoping Meeting - Whiteboard	10/26/2004	Unknown Public	Unknown	Unknown	Current minimum pool is 5423'. Will the new minimum pool be 5436' or 5423'? And what is the time period? Memorial to Labor Day? April through Nov.1?	Alternatives
20	Scoping Meeting - Whiteboard	10/26/2004	Unknown Public	Unknown	Unknown	How does this (new pool elevation and timing of the pool elevation) affect Parking Lot and Marina?	Recreation
21	Letter	10/29/2004	Cheryl Eckhardt	USDI (NPS)	Agency	The entire 3,768 acre Chatfield State Park is under Land and Water Conservation Fund 6(f) protection. Impacts to Chatfield State Park and its LWCF designation should be considered in the EIS.	Authorizations
22	Letter	10/29/2004	Cheryl Eckhardt	USDI (NPS)	Agency	Consult with Mr. Joe Maurier, Deputy Director at Colorado Division of Parks and Outdoor Recreation to determine any potential conflicts with section 6(f)(3) of the LWCF Act (Public Law 88-578, as amended).	Authorizations
23	Email	11/1/2004	Jan Justice-Waddington	Individual	None	Chatfield was built to contain periodic flood waters, but additional long term storage would definitely degrade the design and intent of this multiple use facility.	General

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
24	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	Reservoir operation changes create additional management consideration for the Colorado State Parks who lease and operate the recreation use on the facility. Who will deal with the significant impacts to the recreational users and park operation?	Recreation
25	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	Flooding the existing shoreline will probably kill most woody vegetation. Although the woody vegetation will re-establish at the new high water line, this will create a significant habitat and aesthetic impact for several years.	Vegetation
26	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	The increased flux in water level will create a wider 'beach' area devoid of perennial vegetation, which will increase the area for weeds and could cause wind blown sediment.	Vegetation
27	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	A wider beach may also create access issues for recreation users.	Recreation
28	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	A pond with very good visibility is located to the southwest end of the reservoir. This pond is used by scuba divers and others. The water elevations currently discussed would flood the pond and create poorer water quality in this area. The probable change in overall water quality will likely create an impact to the recreational value and use.	Recreation
29	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	The reservoir site currently provides open space in an urbanized area, where open water area may be the least important habitat type for many of the wildlife species. The increase in open water and decrease in important habitat types will likely cause significant impacts to the wildlife species currently using the site.	Wildlife
30	Letter	11/4/2004	Frank Riggle	USDA (NRCS)	Agency	The estimate for acres of habitat that would be impacted by the various project alternatives need to be refined.	Wildlife

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
31	Letter	11/4/2004	Susan Linner	USDI (FWS)	Agency	Major concern with the proposed project is that it could impact a large area of Preble's meadow jumping mouse habitat, including designated critical habitat.	Wildlife
32	Letter	11/4/2004	Susan Linner	USDI (FWS)	Agency	Issues of concern include: Federally-threatened and endangered plants, the threatened bald eagle, and impact to threatened and endangered species downstream from potential water depletions to the South Platte River. The attached table included the following species for Jefferson and Douglas Counties - Bald Eagle, Mexican spotted owl, Piping plover, Whooping crane, Canada lynx, Preble's meadow jumping mouse, Greenback cutthroat trout, Pallid sturgeon, Pawnee montane skipper, Colorado butterfly plant, Ute's ladies tresses orchid.	Vegetation and wildlife
33	Letter	11/4/2004	Susan Linner	USDI (FWS)	Agency	Migratory birds, wetlands, and riparian habitats are also issues of concern.	Vegetation and wildlife
34	Letter	11/4/2004	Susan Linner	USDI (FWS)	Agency	There is a potential need for a Planning Aid Report and/or Fish and Wildlife Coordination Act Report. The possibility of the Service becoming a cooperating agency on the EIS should also be discussed.	Threatened and Endangered Species
35	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Find a way to ensure an adequate water supply without diminishing the flood storage and recreation resources of a state park as popular as Chatfield. This could be done through conservation, leased water rights from agriculture, or a stable population.	Recreation
36	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Describe in greater detail how the potential reallocated storage would be used. Clarify which uses, or what combination of different uses, will be pursued. The effects of different scenarios need to be clearly documented.	Alternatives

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37	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	You should examine where uses can serve multiple purposes (e.g., some instream flow use might be able to be delivered downstream to agricultural users).	Alternatives
38	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Support operations that benefit both environmental and consumptive uses.	General
39	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Examine impacts on fishery resources above, below, and within Chatfield Reservoir.	Aquatic Resources
40	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Changes in expected flow conditions both above and below the reservoir should be analyzed for their significance on aquatic life.	Aquatic Resources
41	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Analyze impacts of the proposal on facilities and the environment within the whole watershed.	General
42	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	If transbasin water from the Blue River is ultimately proposed for storage in the reallocated pool, impacts on the Blue River watershed must also be considered.	Aquatic Resources
43	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	The Corps should describe options for water supply in lieu of additional storage at Chatfield, including off-channel storage, and conservation and reuse, when exploring the no-action alternative.	Alternatives
44	Email	11/5/2004	David Nickum	Colorado Trout Unlimited	Membership Organization	Support projects that use or enlarge existing infrastructure in preference to development of new reservoirs.	General
45	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	Additional water storage would aid South Platte Basin and Douglas County water providers.	Socioeconomics
46	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	Chatfield SP recreation quality and public availability should be maintained.	Recreation



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47	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	Colorado Department of Public Health and Environment Regulation 73 sets specific water quality (WQ) standards for Chatfield Reservoir, and these standards are used to set WQ requirements for point-source wastewater discharge permits and non-point WQ targets. The added water storage would change the concentration and retention of nutrients and other parameters that affect algae growth and the ability to meet basin-wide WQ standards.	Water Quality
48	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	The EIS should consider the potential for changes to reservoir WQ and the ramifications on wastewater service providers. The Corps should also coordinate with the Chatfield Watershed Authority (CWA), the designated Section 208 WQ management agency for Chatfield Reservoir and associated reaches of the South Platte, which represents Douglas County and other governmental and private interests. POC is CWA manager Russ Clayshulte, (303) 751-7144, (rclayshulte@earthlink.net).	Water Quality

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49	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	It is estimated that 200 acres of existing wetlands and riparian areas along the reservoir, Plum Creek, and the South Platte would be lost at the 5444 feet msl elevation alternative. Douglas County desires to be included in any discussions regarding replacement of these areas for three reasons. First, replacements could limit the amount of phosphorus entering the reservoir. Second, this would aid Douglas County, which would be managing limited development of Preble's meadow jumping mouse habitat in accordance with a Habitat Conservation Plan being submitted to USFWS. Finally, this would ensure good vegetative communities so that Chatfield SP can remain a habitat conservation area, and the South Platte River and Plum Creek can remain wildlife corridors, as designated in the Douglas County Comprehensive Master Plan.	Mitigation
50	Letter	11/8/2004	Andy Hough and Don Moore	Douglas County - Planning and Community Development	Agency	As part of the mitigation for impacts to riparian habitat and wildlife corridors, Douglas County proposes a tree/shrub corridor on the south side of Chatfield SP, between Plum Creek and the South Platte, and has already coordinated this proposal with Chatfield SP, Colorado Division of Wildlife, the Denver Water Board, Lockheed Martin, and Shea Homes.	Vegetation and wildlife
51	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	Concerned about the daily, weekly, and monthly fluctuations of the reservoir from April through October, not just from Memorial Day to Labor Day. Less fluctuation is preferred over "lots of up and downs" week to week.	Recreation
52	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	Mitigation for fluctuation could include a website or phone number to call 2-4 weeks ahead of time to give warnings about high run-off coming into the reservoir and drawdowns.	Mitigation

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53	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	How would the inundated cottonwood trees along the shoreline be treated if the reservoir was raised to 5444? Would they become underwater hazards?	Recreation
54	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	The recreation mitigation study states that the marina boat slips can accommodate the fluctuating pool elevation. What happens to the marina building when a flood occurs which raises the water elevation above 5444 feet?	Recreation
55	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	There is a proposal to give greater depth to the marina by excavation of material for raising the parking lot. Can the excavation be done between November and March or will boat slips and the parking lot not be available while work is underway?	Mitigation
56	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	Currently the 2 lane boat ramp by the marina has limited capacity and has long lines of people and trailers waiting more than an hour to retrieve their boats. Can additional boat ramps be added to the mitigation plan?	Mitigation
57	Letter	11/10/2004	Ross John Lowe	Colorado Sail and Yacht Club	Membership Organization	Who will pay the \$30 million to implement the facility relocation and other mitigation costs?	Mitigation
58	Letter	11/12/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	Authority is concerned that a change in reservoir residence time caused by increased storage may trigger eutrophication problems, resulting in more restrictive nutrient criteria for the watershed. Authority recommends critical consideration in NEPA to include predictions from appropriate water quality models. Any new model needs to be dynamic and predict changes in quality under different storage/residence allocations.	Water Quality

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59	Letter	11/12/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	Storage model must evaluate a wide-range of water quality parameters of concern associated with Chatfield. These parameters include, but are not limited to, selected metals (copper, magnesium, zinc, lead, iron, mercury), sediments, and nutrients (phosphorus, nitrate, ammonia nitrogen). Regulation 73 controls the amount of total phosphorus discharged from point sources, and the study needs to address potential changes to control regulation.	Water Quality
60	Letter	11/12/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	The CWA is the water quality management agency for the Chatfield Watershed and is responsible under the Colorado Chatfield Reservoir Control Regulation #73 for water quality monitoring and reporting to the Colorado Water Quality Control Division and Commission, to assure point and nonpoint source water quality compliance.	Water Quality
61	Letter	11/12/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	An increase in the Chatfield Reservoir storage volume may affect the CWA's water quality management program, and a raise to above 5437 feet msl would alter the current prediction models used to determine water quality compliance and could alter the approved TMDL for the reservoir.	Water Quality
62	Letter	11/12/2004	Russ Clayshulte	Chatfield Watershed Authority	Agency	CWA requests that the Corps and contractors work closely with them in the water quality portion of the project.	Water Quality
63	Letter	11/16/2004	John Scully	Denver Botanic Gardens (at Chatfield)	Membership Organization	It may be feasible to mitigate environmental impacts the project will have on DBG at Chatfield. DBG would like to work with the Corps to identify mitigation areas and activities that compliment the existing and future plans for the DBG site, and to discuss how DBG might become land stewards for the mitigation areas.	Mitigation

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64	Agency Meeting - Verbal	2/10/2005	David Giger	Colorado DNR - Parks and Recreation	Agency	Denver's existing storage (5423 –5432 feet msl) and fluctuations should be included in modeling the proposed 12' storage zone.	Hydrology
65	Agency Meeting - Verbal	2/10/2005	David Giger	Colorado DNR - Parks and Recreation	Agency	Impacts of the new pumps (currently in the EA on Denver Water Department's proposed "drawdown" pumps) should be considered in the reallocation EIS because operation of the pumps will affect the operating plan.	Cumulative Effects
66	Agency Meeting - Verbal	2/10/2005	David Giger	Colorado DNR - Parks and Recreation	Agency	The EIS should also emphasize the multipurpose authorities stated in the enabling legislation; there are multiple users (i.e., M&I water supply, recreation, and fish and wildlife).	Authorizations
67	Agency Meeting - Verbal	2/10/2005	Don Anderson	USDI (FWS)	Agency	The reallocation project is allowed to be covered by the 3 state plans based on historical, current and future depletions and sources of water stored in Chatfield. CO made assumptions regarding the mix of water sources for 13 years. USFWS will track actual depletions versus projected depletions. If west slope water (Upper Colorado River Basin) is transferred, a certain amount of depletions could occur before a threshold is reached that would require Section 7 consultation.	Statement
68	Agency Meeting - Verbal	2/10/2005	Don Moore	Douglas County - Planning and Community Development	Agency	At what point will water quality be addressed in the analysis?	Water Quality
69	Agency Meeting - Verbal	2/10/2005	Don Moore	Douglas County - Planning and Community Development	Agency	Water quality data is available for the last 19 years; CWA takes samples 16 times/year from various places in the reservoir. They are concerned about the effect that retention and fluctuation of water in the reservoir will have on phosphorous standards.	Water Quality
70	Agency Meeting - Verbal	2/10/2005	Grady McNeill	Colorado DNR - CDOW	Agency	EIS needs to look at impacts to fish and wildlife resulting from changes in water quality.	Wildlife and Aquatic Resources

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71	Agency Meeting - Verbal	2/10/2005	Janet Bell	Jefferson County Planning and Zoning	Agency	Environmental justice impacts should be addressed in socio-economic impacts. Jefferson County Planning and Zoning would like to review the PDEIS.	Socioeconomics
72	Agency Meeting - Verbal	2/10/2005	Janet Bell	Jefferson County Planning and Zoning	Agency	Do senior versus junior water rights make a difference regarding water fluctuations in the reservoir?	Alternatives
73	Agency Meeting - Verbal	2/10/2005	Joni Nuttle	CDPHE-WQCD	Agency	Not sure if water quality has been correlated with elevation or eutrophication.	Water Quality
74	Agency Meeting - Verbal	2/10/2005	Jude O'Connor	City and County of Denver	Agency	Will releases (volume of water) going downstream change?	Alternatives
75	Agency Meeting - Verbal	2/10/2005	Ray Sperger	South Suburban Parks and Recreation District	Agency	How far downstream will fisheries impacts be evaluated?	Aquatic Resources
76	Agency Meeting - Verbal	2/10/2005	Ray Sperger	South Suburban Parks and Recreation District	Agency	Concerned about impacts to the South Platte ecosystem and cottonwood regeneration; if 60% of releases are in summer, this could affect cottonwoods.	Vegetation
77	Agency Meeting - Verbal	2/10/2005	Russ Clayshulte	Chatfield Watershed Authority	Agency	CWA has some predictive models that provide trophic level changes with changes in various parameters including flows and retention time. CWA would need \$180,000 to model the water chemistry of the reservoir based on these parameters. CWA has been under more pressure recently to evaluate TMAL.	Water Quality
78	Agency Meeting - Verbal	2/10/2005	Russ Clayshulte	Chatfield Watershed Authority	Agency	CWA agreed to advise the Corps hydrologists on evaluation methods. CWA data is posted on their website and CWA will get Tetra Tech the necessary data. One model available is the Jones-Bachmann model, but it may not have the proper assumptions. CWA will allow the Corps to use their models in the Reallocation analysis.	Water Quality
79	Agency Meeting - Verbal	2/10/2005	Steve Priest	USDA Forest Service	Agency	Will the reallocation study cause any changes/impacts to the operation of Strontia Springs lake?	Alternatives

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80	Letter	2/15/2005	Russ Clayshulte	Chatfield Watershed Authority	Agency	Authority water quality data sets for the last 3 years are posted on the Internet. The Authority has used simple mass load models and typical limnological models to monitor and characterize the reservoir and input sources.	Statement
81	Letter	2/20/2005	Brian Pesch	Jefco Aeromodler's Club	Membership Organization	Our concern is the recreational "experience" enjoyed by the 1.5 million annual users of Chatfield - even after the facilities are replaced. The impact to the recreational user will be severe.	Recreation
82	Letter	2/20/2005	Brian Pesch	Jefco Aeromodler's Club	Membership Organization	A significant drop in water related recreation use would occur because of the facilities placed at the upper level of the pond elevation at flood stage (given the Corps current rules governing structures in flood zones) and the water level being drawn down 21 feet.	Recreation
83	Letter	2/20/2005	Brian Pesch	Jefco Aeromodler's Club	Membership Organization	A significant drop in water related recreation use would cause a drop in revenue generated fees and must be taken into account.	Recreation
84	Letter	2/20/2005	Brian Pesch	Jefco Aeromodler's Club	Membership Organization	"Will the Denver Metro area lose one of its premier State Park facilities as a direct result of this project?"	Recreation
85	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	The scoping hearing announcement received inadequate publicity.	Scoping
86	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Schedule more scoping hearings on the Reallocation this spring so that the public can adequately participate in this process, and include opportunities to comment on the Drawdown Draft EA.	Scoping
87	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	The March 10, 2005 date for end of scoping comments is premature because "many aspects of the reallocation and draw-downs have not been publicly presented."	Scoping

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88	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	The Corps must require that the Chatfield Storage Reallocation project and the Denver Water Pump Station are considered in one EIS that has mitigation proposals for both projects.	Cumulative Effects
89	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Agencies applying for Corps permits cannot subdivide their projects into small phases to avoid examining cumulative impacts.	Cumulative Effects
90	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Consider the following alternatives in the reallocation: 1) Continue some water surcharges all year; 2) continue no-water days for the whole watering season (non-volunteer); 3) Give rebates all-year for installing low flush toilets; 4) Have a surcharge on bluegrass by the foot to save millions of gallons of water; 5) Put high surcharge on water used on median grass; 6) No alternatives mention using outlying reservoirs for additional use and not placing all the impacts on a reservoir with such important wildlife and recreation values in the metro area; 7) Promote the use of water budgeting systems in the metro area.	Alternatives
91	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Provide a study addressing the effects of siltation on reservoir capacity, due to the silt that may have flushed into the reservoir from the Hayman fire.	Water Quality
92	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Provide a study addressing the impacts on downstream farms, bridges and structures along the river if a flood event does occur upstream of the reservoir. What are the maximum flows that can be tolerated downstream?	Hydrology and Socioeconomics
93	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Provide a recreation study addressing the pool elevation fluctuation. The 12 foot increase would only be there one out of three years.	Recreation



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94	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Special plans would have to be made so that recreation uses can continue at various projected levels of the reservoir.	Recreation
95	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Analyze impacts of the proposed Denver Water pumping station during "a prolonged drought" that could leave a 659 acre-foot pool.	Cumulative Effects
96	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Cumulative effects of the Denver water pumping station and the Chatfield Storage Reallocation project will be devastating. The influx of 12 feet of water will kill the 200 acres of riparian forest. The mitigation mentioned in the Recreation Mitigation study is not sufficient for the impacts.	Cumulative Effects
97	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Where are the funds or plans for water taps for the water lines to water the landscaping proposed in the recreation study?	Mitigation
98	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Need to scope the effects of the recent Kassler water diversions to Conduit 20 and the Fox Run water diversions from the reservoir and study how they interact with the Reallocation EIS and Draw down proposals.	Cumulative Effects
99	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Scoping must address the actual scenarios of how water levels will fluctuate in the reservoir with the combined draw-down and storage reallocation and how the users are going to manage these levels for the least amount of impacts under various situations.	Alternatives
100	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Disruption of the Preble's Mouse habitat during construction, draw-down and reallocation should be addressed.	Wildlife
101	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Constructing new roads and facilities will have a big impact on Preble's and loss of adjoining meadows to riparian habitat will be devastating to the mouse.	Wildlife

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102	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	New roads projected in the recreation study are just a few feet in elevation above the reallocation levels. When floods occur, much damage occurs to the road base, as has been demonstrated by previous floods at the Park.	Transportation
103	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Concerned that the recreation mitigation study provides only one bike lane on the roadways. The bike lane is too narrow for safe passage with other traffic. On the main roads there should be a wide enough bike lane going both directions. Most bike lanes are 10'-12' not 6' as indicated in the off-road bike trails.	Recreation
104	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	On the main roads there should be a wide enough bike lane going both directions. Most bike lanes are 10'-12' not 6' as indicated in the off-road bike trails. The existing bike lanes were constructed at unsafe widths.	Recreation
105	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Scoping should include the impacts mentioned at the scoping meeting by Russ Clayshulte on increasing loads of various phosphates and nitrates in an already endangered water supply with the flooding up onto new soil of the reallocation.	Water Quality
106	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	What will the phosphate and nutrient loads be and how will they vary with varying heights of the reservoir?	Water Quality
107	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	The water below 5423' was paid for with between 2.8 and 3.6 million dollars by State Parks. Much of that money was Land and Water Conservation Fund money for recreational and fishery use. This would be a conversion of use of those dollars. What are the legal ramifications of this Conversion of Use? Does Denver Water have the right to remove it?	Authorizations

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
108	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	Denver Water is not participating in wetlands, Preble's, Land and Water Conservation Fund conversion of use, or in rebuilding/relocating recreational facilities by doing an EA separate from the Reallocation EIS.	General
109	Letter	3/5/2005	Ann Bonnell and Pauline Reetz	Audubon Society of Greater Denver	Membership Organization	More detail is needed as to how the water users withdrawals or storage plans interact in actual practice and the impacts on water flows at different times of the year.	Alternatives
110	Letter	3/8/2005	Ray Sperger	Individual	None	Concerned about the riparian ecosystem on the Platte River. This is a relatively small patch with a rich diversity of migratory songbirds. A large portion of this habitat would be lost due to inundation.	Wildlife
111	Letter	3/8/2005	Ray Sperger	Individual	None	12 feet of additional storage would flood approx. 150 acres of quality cottonwood riparian forest along Plum Creek and the South Platte River.	Vegetation and Wildlife
112	Letter	3/8/2005	Ray Sperger	Individual	None	If the water floods the trees for a few months in each of 2 successive growing seasons, the cottonwoods and most vegetation would die. If the inundation is less frequent, the riparian vegetation may be able to persist.	Vegetation
113	Letter	3/8/2005	Ray Sperger	Individual	None	The riparian forest could be mitigated, but it would be hard to do all the mitigation in adjacent areas upstream in the vicinity of the loss without significant modification to the surrounding uplands.	Vegetation
114	Letter	3/8/2005	Ray Sperger	Individual	None	Loss of riparian habitat would have many ecological impacts, including a local impact on populations of breeding and migratory neo tropical songbirds, many of which are already in decline.	Wildlife

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
115	Letter	3/8/2005	Ray Sperger	Individual	None	Concerned that flooding would severely reduce the size of the patch of lowland riparian habitat that currently exists from the mouth of Waterton Canyon to Kingfisher bridge. This is a birding hotspot and is valued by visitors wanting a more secluded nature experience along the Platte River.	Vegetation and recreation
116	Letter	3/8/2005	Ray Sperger	Individual	None	Lowland riparian habitat also supports the Preble's Mouse, which is an indicator of good quality riparian habitat.	Wildlife
117	Letter	3/8/2005	Ray Sperger	Individual	None	The smaller the lowland riparian habitat patch, the more isolated it will be, and the more likely it will become a population sink (i.e., areas that produce offspring insufficient to replace adult mortality) for wildlife. Population sinks can eventually lead to the local extinction of sensitive species of wildlife. Reducing area habitat has been shown to be a primary factor in local extinction of species. Local extinctions affect the overall metapopulation dynamics of species within the riparian community and thus have a negative impact on the health of surrounding riparian areas.	Wildlife
118	Letter	3/8/2005	Ray Sperger	Individual	None	Mitigation measures and conservation of tributary streams (Willow Creek) and surrounding upland habitat, could be vital to the perpetuation of this population of Preble's. It could serve as a vital connection to other Preble's populations and act as a movement and habitat corridor for many other species of wildlife and plant life.	Wildlife

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
119	Letter	3/8/2005	Ray Sperger	Individual	None	Flooded areas would most likely need to be mitigated by the purchase of additional property. Mitigating the loss of this habitat could include the conservation of buffer properties identified by the Chatfield Basin Conservation Network, which has conducted a habitat analysis of several surrounding areas. CBCN could assist with the prioritization of any properties purchased for mitigation purposes.	Mitigation
120	Letter	3/8/2005	Ray Sperger	Individual	None	The potential for large fluctuations in the reservoir is a large concern, because of the impacts to recreational opportunities provided by the Park and the aesthetics of the lake.	Recreation
121	Letter	3/8/2005	Ray Sperger	Individual	None	If there is only enough water to increase the level to 12 feet once in three years, then at low water levels, the recreation facilities would be too far from the water to fulfill the needs of the swim beach, boat ramps and other facilities.	Recreation
122	Letter	3/8/2005	Ray Sperger	Individual	None	Relocation of the swim beach or other facilities below the reservoir could put additional visitor use pressure on surrounding lands such as South Platte Park. Parking facilities in South Platte Park are already overflowing with Chatfield users, which limits the use of parking lots by the South Platte Park visitors.	Recreation
123	Letter	3/8/2005	Ray Sperger	Individual	None	Drawdown areas could be unsightly, produce odors and could reduce recreational access to the water.	Water Quality and Recreation
124	Letter	3/8/2005	Ray Sperger	Individual	None	The drawdown, especially during droughts, will create a significant amount of area for the invasion of noxious weeds below the high water line.	Vegetation

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
125	Letter	3/8/2005	Ray Sperger	Individual	None	Need integrated weed management practices, mechanical weed controls, or the use of aquatic approved herbicides or many of these invasive exotic species will spread to offsite locations around the reservoir and possibly, downstream.	Vegetation
126	Letter	3/8/2005	Ray Sperger	Individual	None	One of the most significant problem weeds of concern in the drawdown is the establishment of tamarisk. This noxious weed could be a management nightmare if not controlled quickly. Yearly costs for weed control in open spaces range from \$150 to \$400 per acre or more.	Vegetation
127	Letter	3/8/2005	Ray Sperger	Individual	None	There could be a positive influence on populations of nesting and migrating shorebirds, waterfowl, wading birds, other desirable bird species (Snowy plover and Piping plover) and wildlife, if the drawdown is large enough and if the timing is at the right time.	Wildlife
128	Letter	3/8/2005	Ray Sperger	Individual	None	The mudflats from the draw downs can be an attraction to the wildlife watching public. According to USFWS, there are nearly twice as many people who have participated in watching birds in the US as there are people who have hunted, and over four times as many as people who have fished.	Recreation
129	Letter	3/8/2005	Ray Sperger	Individual	None	Areas of cottonwoods that are flooded could provide additional snag habitat that would be beneficial to colonial nesting water birds such as Great blue heron, Black-crowned night heron and Double-crested cormorants.	Vegetation and Wildlife
130	Letter	3/8/2005	Ray Sperger	Individual	None	Flooded trees and shrubs can also produce a significant amount of structural cover for fish and other aquatic species and benefit fishing opportunities.	Vegetation and Aquatic Resources

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
131	Letter	3/8/2005	Ray Sperger	Individual	None	Different operational scenarios could be played out to provide a variety of benefits to one group of plant and animal species that might be detrimental to another group of species. It all depends on water availability, need and the operational scenarios.	Alternatives
132	Letter	3/8/2005	Ray Sperger	Individual	None	Riparian habitat mitigation could occur downstream of Chatfield Dam, both in the reach between the dam and C-470 in the State Park, and in South Platte Park. This would improve the habitat downstream of the Reservoir and offset some of the negative impacts above the dam.	Mitigation
133	Letter	3/8/2005	Ray Sperger	Individual	None	Additional water in the downstream river flow would improve the water quality and health of the stream by diluting releases from Centennial Water and Sanitation District's Sewage treatment plant on Marcy Gulch.	Water Quality
134	Letter	3/8/2005	Ray Sperger	Individual	None	Additional water in the downstream river flow would improve the health of trout and trout populations, and create better recreation fishing opportunities.	Aquatic Resources
135	Letter	3/8/2005	Ray Sperger	Individual	None	Additional water in the downstream river flow would improve the health of aquatic benthic macroinvertebrate communities, which would benefit fish because it is their primary food source.	Aquatic Resources
136	Letter	3/8/2005	Ray Sperger	Individual	None	Additional water in the downstream river flow would support South Platte Park's educational programs that focus on aquatic life in the river, because of the improved river health.	Statement

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
137	Letter	3/8/2005	Ray Sperger	Individual	None	Additional water in the downstream river flow, if timed properly, could improve the boatability of the river, including many of the grade control structures that serve to stabilize the stream, create fish habitat and create recreational interest in float trips down the South Platte.	Recreation
138	Letter	3/8/2005	Ray Sperger	Individual	None	Mitigation measures necessary to offset the loss of upland, riparian, and wetland ecosystems and to offset recreational impacts (as well as the operation plans) will be critically important to the success of this reallocation project.	Mitigation
139	Letter	3/8/2005	Ray Sperger	Individual	None	Continuing to plan and involve a stakeholder process will be the back bone to gain community and agency support.	Public Participation
140	Letter	3/8/2005	Ray Sperger	Individual	None	Ecologically informed design including the spatial and temporal context of the mitigation and operational plan are vital to success or failure.	Alternatives and Mitigation
141	Letter	3/8/2005	Ray Sperger	Individual	None	Without a better understanding of how the reservoir might be operated and what will be the mitigation end products, it is difficult to further comment on the short and long-term benefits and impacts of reallocation.	Alternatives
142	Letter	3/9/2005	Rick Cables, Regional Forester	USDA Forest Service - Rocky Mountain Region	Agency	Forest Service involvement is not warranted at this time.	General
143	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Protests to lack of proper notice for the November scoping hearing. They did receive notice of a February meeting.	Scoping
144	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Feel the March 10, 2005 date for end of scoping comments is premature because "many aspects of the reallocation and draw-downs have not been publicly presented."	Scoping



Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
145	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	There should be a joint scoping process for the Chatfield Storage Reallocation project and the Denver Water Pump Station with one EIS that has mitigation proposals for both projects.	Scoping
146	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Developers applying for Corps permits cannot subdivide their projects into small phases to avoid examining cumulative impacts.	Cumulative Effects
147	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Consider the following alternatives in the reallocation: 1) Continue some water surcharges all year; 2) continue no-water days for the whole watering season (non-volunteer); 3) Give rebates all-year for installing low flush toilets; 4) Have a surcharge on bluegrass by the foot to save millions of gallons of water; 5) Put high surcharge on water used on median grass; 6) No alternatives mention using outlying reservoirs for additional use and not placing all the impacts on a reservoir with such important wildlife and recreation values in the metro area; 7) Promote the use of water budgeting systems in the metro area.	Alternatives
148	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Provide a study addressing the effects of siltation on reservoir capacity, due to the silt that may have flushed into the reservoir from the Hayman fire.	Water Quality
149	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Provide a study addressing the impacts on downstream farms, bridges and structures along the river if a flood event does occur upstream of the reservoir. What are the maximum flows that can be tolerated downstream?	Hydrology and Socioeconomics
150	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Provide a recreation study addressing the pool elevation fluctuation. The 12 foot increase would only be there one out of three years.	Recreation

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151	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Special plans would have to be made so that recreation uses can continue at various projected levels of the reservoir.	Recreation
152	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Cumulative effects of the Denver water pumping station and the Chatfield Storage Reallocation project will be devastating. The influx of 12 feet of water will kill the 200 acres of riparian forest. The mitigation mentioned in the Recreation Mitigation study is not sufficient for the impacts.	Cumulative Effects
153	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Where are the funds or plans for water taps for the water lines to water the landscaping proposed in the recreation study?	Mitigation
154	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Need to scope the effects of the recent Kassler water diversions to Conduit 20 and the Fox Run water diversions from the reservoir and study how they interact with the Reallocation EIS and Draw down proposals.	Cumulative Effects
155	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Scoping must address the actual scenarios of how water levels will fluctuate in the reservoir with the combined draw-down and storage reallocation and how the users are going to manage these levels for the least amount of impacts under various situations.	Alternatives
156	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Disruption of the Preble's Mouse habitat during construction, draw-down and reallocation should be addressed.	Wildlife
157	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Constructing new roads and facilities will have a big impact on Preble's and loss of adjoining meadows to riparian habitat will be devastating to the mouse.	Wildlife
158	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	New roads projected in the recreation study are just a few feet in elevation above the reallocation levels. When floods occur, much damage occurs to the road base, as has been demonstrated by previous floods at the Park.	Transportation

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
159	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Concerned that the recreation mitigation study provides only one bike lane on the roadways. The bike lane is too narrow for safe passage with other traffic. On the main roads there should be a wide enough bike lane going both directions. Most bike lanes are 10'-12' not 6' as indicated in the off-road bike trails.	Recreation
160	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Scoping should include the impacts mentioned at the scoping meeting by Russ Clayshulte on increasing loads of various phosphates and nitrates in an already endangered water supply with the flooding up onto new soil of the reallocation.	Water Quality
161	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	The water below 5423' was paid for with between 2.8 and 3.6 million dollars by State Parks. Much of that money was Land and Water Conservation Fund money for recreational and fishery use. This would be a conversion of use of those dollars.	Authorizations
162	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	More detail is needed as to how the water users withdrawals or storage plans interact in actual practice and the impacts on water flows at different times of the year.	Alternatives
163	Letter	3/11/2005	Ann Bonnell and Kirk Cunningham	South Platte Group of Sierra Club	Membership Organization	Denver Water is not participating in wetlands, Preble's, Land and Water Conservation Fund conversion of use, or in rebuilding/relocating recreational facilities by doing an EA separate from the Reallocation EIS.	General
164	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	It is critical to understand what the operation plan will be (i.e., timing and rates of fill/drain) to determine the environmental and associated wildlife impacts that this project may cause.	Alternatives

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
165	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	It is important to note that proposed pumping operations are related to the proposed project. Any modeling and analysis of a proposed operations plan for the reallocated space must incorporate the operation of the reservoir below the elevation of the reallocated space.	Cumulative Effects
166	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Consider both water quality and water quantity issue impacts to both upstream and downstream users and to the reservoir.	Water Quality and Hydrology
167	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Increased storage in the reservoir will result in inundation of river habitat upstream of the reservoir.	Aquatic Resources
168	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	The EIS needs to address impacts of loss of river habitat and other associated structures (i.e., handicap access fishing sites).	Wildlife and Recreation
169	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	In addition to wetland mitigation, other types of vegetative plantings, including trees, shrubs, grasses and forbs should be considered. Contact CDOW for technical guidance on this.	Vegetation
170	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Noxious weed management needs to be addressed - with rapidly rising and falling water levels, there may be a high risk of invasion of non-native, noxious plant species.	Vegetation
171	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Address impacts to reservoir fish populations. Chatfield reservoir provides valuable sport fisheries for walleye, trout, and small mouth bass. The reservoir is one of three reservoirs, that through artificial spawning operations, supply all the walleye eggs for the entire state hatchery system.	Aquatic Resources

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
172	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Smallmouth bass and walleyes are spring spawners (March -May) that move into shallower rocky areas to spawn. Although walleye natural reproduction is limited, their movement into these shallow areas allows fisheries biologists to capture them for the artificial spawning operations. Severe water level fluctuations during this time period could disrupt this movement to shallow water, impact egg incubation, and ultimately negatively impact spawning success.	Aquatic Resources
173	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Gizzard shad are another important fish species in Chatfield. Although not a sport fish, they are the primary forage for predatory species such as walleye and smallmouth bass. Similar to these species, they may also be negatively impacted by severe spring fluctuations.	Aquatic Resources
174	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Address the Bald eagle, Heron (rookery), Common shiner, Iowa darter, Johnny darter, Western burrowing owl, White pelicans, Ferruginous hawk, Northern leopard frog, deer, and Black-tailed prairie dog.	Wildlife
175	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Address impacts to river fish populations downstream of Chatfield. In this case, increased flows may be beneficial, providing increased habitat and flushing sediments.	Aquatic Resources
176	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Trees and other vegetation (grasses and ground vegetation) flooded in the increased water levels should be preserved to provide important habitat for reservoir fish, specifically largemouth bass and bluegill.	Vegetation and Aquatic Resources
177	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	If the existing buildings and picnic structures are to be destroyed for the new structures, place the rubble in the reservoir to serve as fish habitat (artificial reefs).	Aquatic Resources

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
178	Letter	3/14/2005	Russell George	Colorado DNR - CDOW	Agency	Mark areas with flooded vegetation or artificial reefs with buoys, to ensure navigational safety.	Recreation
179	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Operation plans should be reviewed to address impacts caused by a potential lack of sufficient water supplies to fill the reservoir's newly allocated space 6 out of 10 years.	Alternatives
180	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Operation plans should be reviewed to address impacts caused by monthly and annual water fluctuations.	Alternatives
181	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Operation plans should be reviewed to address impacts caused by annual rapid fill of the reservoir in April, May and June.	Alternatives
182	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Operation plans should be reviewed to address impacts caused by effects of prolonged drought periods.	Alternatives
183	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Once an acceptable operations plan is developed meeting recreational, environmental, and aesthetic standards, an analysis of water quality impacts needs to be performed based on the operations plan. Consider inflow, outflow, residence time, water temperature, dissolved oxygen, nutrient loading, and the potential for algal bloom.	Water Quality
184	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	The plan needs to be adaptive in order to resolve water quality problems.	Water Quality
185	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Address economic impacts to direct revenues to Colorado State Parks and to the park's concession operations. Areas of analysis should include: cost of relocating facilities, increased operation and maintenance costs, loss of recreation opportunities during drought conditions, and use impacts of facilities after relocation (e.g. revenue projections from the swim beach pre and post relocation of the facility)	Socioeconomics

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
186	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Mitigation should be proposed for any negative impacts.	Statement
187	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Chatfield State Park operates under Section 6(f) of the Department of Transportation Act of 1966 (49 USC 303 (1988). A review of Section 6 should be included in the study to prevent violations. Multiple land and water conservation fund projects are in the park. Maintenance of the permanent pool for recreation needs could be regulated by Section 6, too.	Authorizations
188	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Review all Federal and State documents relating to the authorization of Chatfield Reservoir for uses other than flood control and recreation.	Authorizations
189	Letter	3/14/2005	Russell George	Colorado DNR - Parks and Recreation	Agency	Incorporate the operation of Denver Water's proposed pump station at Chatfield into the analysis of reallocated space.	Cumulative Effects
190	Letter	3/14/2005	Russell George	Colorado DNR – CWCB	Agency	During flood events, inundation of river habitat upstream of the reservoir will naturally occur. In 1980 and 1995, the reservoir reached elevation 5,444 msl. Historical record must be reviewed.	Hydrology
191	Letter	3/14/2005	Russell George	Colorado DNR – CWCB	Agency	Any analysis of potential wetlands loss should evaluate the environment and soils to determine if the wetland will simply move to the new elevation.	Vegetation
192	Letter	3/14/2005	Russell George	Colorado DNR – CWCB	Agency	The reallocation project must provide an opportunity to construct a better park using flood proofing measures. In the 1995 flood event, the existing park plan experienced flood loss in the amount of \$1.5 million. Reconstruction was funded by the State to re-establish the plan.	Recreation
193	Letter	3/14/2005	Russell George	Colorado DNR – CWCB	Agency	The Colorado DNR and its divisions must be an active participant in the design of the pumping operation plan that will reconstruct the lake experience for the period of record 1980-2004.	Hydrology

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194	Letter	3/16/2005	Donald Kennedy	Denver Water	Agency	Denver Water has led an effort to use a portion of the reallocated storage capacity for environmental enhancement for the urban reach of the South Platte River downstream, and to provide water for recreation, municipal and agricultural uses. The environmental benefits to the South Platte urban corridor should be included in the scope of this EIS.	General
195	Letter	3/16/2005	Donald Kennedy	Denver Water	Agency	The Reallocation and Pump Station projects should be analyzed separately under NEPA, because they are unconnected actions and have independent utility.	Cumulative Effects
196	Letter	3/16/2005	Donald Kennedy	Denver Water	Agency	Denver Water supports the Storage Reallocation project as long as the project does not interfere with DW's Chatfield water operations and the construction and operation of the proposed pump station project.	Cumulative Effects
197	Letter	3/16/2005	Donald Kennedy	Denver Water	Agency	Under the 1979 contract, DW uses the 27,428 acre-foot conservation pool. DW's operation of this pool should be the baseline for any reservoir operation analysis conducted for the Reallocation project	Alternatives
198	Letter	3/30/2005	Donald Kennedy	Denver Water	Agency	Project proponents would need to reimburse Denver Water for the expense of redesign and relocation of the Chatfield Reservoir Inlet Pump Station.	General
199	Letter	11/21/2005	Fred Nahwoosky	Comanche Tribe	Tribe	If human remains or archaeological items are discovered during the project, immediately cease project work and notify Tribe to discuss appropriate disposition with USACE and other Tribal Nations that might be affected by such discoveries.	Cultural
200	Letter	12/2/2005	Jennifer Morin	Individual	None	Concerned for freshwater ecosystems at the park and how they will be negatively impacted as a result of the proposed reallocation.	Statement



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201	Letter	12/2/2005	Jennifer Morin	Individual	None	Keenly aware of the problems the park managers and contractors will encounter as a result of the reallocation, and wish to see that proper mitigation to their facilities takes place.	Mitigation
202	Letter	12/2/2005	Jennifer Morin	Individual	None	Storage increase has the potential to change water providers release of water. As a result, many water providers may want to simultaneously release water from storage, resulting in daily, weekly, and monthly fluctuations of water levels, posing risks to riparian/wetland areas and park facilities.	Wetlands/Riparian Areas/Recreation Facilities
203	Letter	12/2/2005	Jennifer Morin	Individual	None	The proposed Chatfield Reservoir reallocation project will negatively impact wetland areas at the park.	Statement
204	Letter	12/2/2005	Jennifer Morin	Individual	None	Wetlands are an important natural resource that should be safeguarded at all costs.	Statement
205	Letter	12/2/2005	Jennifer Morin	Individual	None	The U.S. government and the state of Colorado have recognized the importance of wetlands and instituted many laws, regulations, and policies to protect them.	Statement
206	Letter	12/2/2005	Jennifer Morin	Individual	None	The Chatfield reallocation project should avoid damage to wetlands at all costs. If that is not possible, the EIS should include a comprehensive plan to mitigate damage to wetlands caused by the project.	Mitigation
207	Letter	12/2/2005	Jennifer Morin	Individual	None	The Chatfield reallocation project does have the potential to be beneficial to citizens in the Denver metro area, if the negative impacts to wetlands are minimized.	Statement

Track	Source	Date	Commenter	Affiliation	Organization	Comment	Topic
208	Letter	12/19/2005	Georgianna Contiguglia	Colorado Historical Society, SHPO	Agency	At this time, SHPO agrees with APE boundaries. Recommend continued study of APE while screening and choosing alternatives. SHPO requests involvement during the process with local governments and other consulting parties. Reevaluation of eligibility and APE may be needed if local governments/consulting parties request additional information.	Statement