VOLUME 1 OF 6

DRAFT
ENVIRONMENTAL IMPACT STATEMENT

MOFFAT COLLECTION SYSTEM PROJECT

Denver Water

U.S. Army Corps of Engineers
Omaha District

October 2009

This Environmental Impact Statement (EIS) was prepared by URS Corporation, an environmental and engineering consulting firm, with the guidance, participation, and independent evaluation of the U.S. Army Corps of Engineers (Corps). The Corps, in accordance with 40 Code of Federal Regulations (CFR) 1506.5(a) and (c), is in agreement with the findings of the analysis, and approves and takes responsibility for the scope and content of this document.

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Martha S. Chieply, Chief
REGULATORY BRANCH
ARMY CORPS OF ENGINEERS, OMAHA DISTRICT

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☐ Legislative ☒ Executive

COVER SHEET
DRAFT ENVIRONMENTAL IMPACT STATEMENT

MOFFAT COLLECTION SYSTEM PROJECT

Lead Agency: Department of the Army
Corps of Engineers, Omaha District

Jurisdictions in Colorado That Could be Directly Affected: City and County of Denver, Adams County, Boulder County, Jefferson County, and Grand County

Abstract: This Draft Environmental Impact Statement (EIS) evaluates the effects of a water supply project called the Moffat Collection System Project (Moffat Project). The Moffat Project would result in direct impacts to jurisdictional waters of the United States (U.S.), including wetlands. The placement of fill material in these waters of the U.S. for the construction of water storage and distribution facilities associated with developing additional water supplies requires authorization from the U.S. Army Corps of Engineers (Corps) under Section 404 of the Clean Water Act. The Applicant is the City and County of Denver, acting by and through its Board of Water Commissioners (Denver Water).

Denver Water proposes to enlarge its existing 41,811-acre foot (AF) Gross Reservoir by 72,000 AF to a total storage capacity of 113,811 AF. Gross Dam is located in Boulder County, Colorado, approximately 35 miles northwest of Denver and 6 miles southwest of the city of Boulder. The enlargement would be accomplished by raising the existing concrete gravity arch dam by 125 feet, from 340 to 465 feet high. The surface area of the reservoir would be expanded from approximately 418 acres to 818 acres. Using existing collection infrastructure, water from the Fraser River, Williams Fork River, and South Boulder Creek would be diverted and delivered during average to wet years via the Moffat Tunnel and South Boulder Creek to Gross Reservoir. There would be no additional diversions in dry years because Denver Water already diverts the maximum amount physically and legally available under their existing water rights without additional storage in their system. In order to firm this water supply and provide 18,000 AF per year of new firm yield, an additional 72,000 AF of storage capacity is necessary. To meet future demands, in most years, Denver Water would continue to rely on supplies from its entire integrated collection system. In a drought or emergency, Denver Water would rely on the additional water it would have previously stored in the Moffat Collection System to provide the additional 18,000 AF of yield.

The purpose of the Moffat Project is to develop 18,000 AF per year of new, annual firm yield to the Moffat Water Treatment Plant (WTP) and raw water customers upstream of the Moffat WTP pursuant to the Board of Water Commissioners' commitment to its customers. Denver Water's need for the proposed Moffat Project is to address two major issues: (1) the overall near-term water supply shortage, and (2) the imbalance in water storage and supply between the North and South systems.

This EIS analyzes six alternatives for the Moffat Project: (1) Proposed Action (Alternative 1a) – Gross Reservoir Expansion (Additional 72,000 AF), (2) Alternative 1c – Gross Reservoir Expansion (Additional 40,700 AF)/New Leyden Gulch Reservoir (31,300 AF), (3) Alternative 8a – Gross Reservoir Expansion (Additional 52,000 AF)/Reusable Return Flows/Gravel Pit Storage (5,000 AF), (4) Alternative 10a – Gross Reservoir Expansion (Additional 52,000 AF)/Reusable Return Flows/Denver Basin Aquifer Storage (20,000 AF), (5) Alternative 13a – Gross Reservoir Expansion (Additional 60,000 AF)/Transfer of Agricultural Water Rights/Gravel Pit Storage (3,625 AF), and (6) No Action Alternative, which assumes that Denver Water would not receive approval from the Corps to implement the Moffat Project. Denver Water would rely upon a combination of strategies including using a portion of its Strategic Water Reserve and imposing mandatory restrictions to reduce demand during droughts.

EIS Contact for Comments and Additional Information: Scott Franklin, Moffat EIS Project Manager
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Date Draft EIS Filed with EPA: October 30, 2009

Date of Public Hearings: December 1, 2, and 3, 2009

Date by Which Comments are Due: January 28, 2010. Written comments should be received by close of business, 5 p.m. Please include your name and complete mailing address on all written comments.

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ACHP	Advisory Council on Historic Preservation
ADT	Average Daily Traffic
AF	acre-feet
AIR	Automobile Inspection and Readjustment
APCD	Air Pollution Control Division
APE	Area of Potential Effect
AQCC	Air Quality Control Commission
ASR	aquifer storage and recovery
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AUM	Animal Unit Month
AWT	advanced water treatment
BA	Biological Assessment
BCZ	Block Clearance Zone
BDL	Below Detection Limit
BLM	Bureau of Land Management
BMP	Best Management Practices
CAA	Clean Air Act
C-BT	Colorado-Big Thompson
CCP	Comprehensive Conservation Plan
CDOT	Colorado Department of Transportation
CDOW	Colorado Division of Wildlife
CDPHE	Colorado Department of Public Health and Environment
CDSS	Colorado Decision Support System
CEC	Chadwick Ecological Consultants, Inc.
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CHS	Colorado Historical Society
CNHP	Colorado Natural Heritage Program
Corps	U.S. Army Corps of Engineers
CR	County Road
CRRP	Colorado River Return Project
C.R.S.	Colorado Revised Statutes
CRWCD	Colorado River Water Conservation District
CSA	Combined Service Area
CWA	Clean Water Act
CWCB	Colorado Water Conservation Board
DAU	data analysis units
DM	daily maximum
DOLA	Colorado Department of Local Affairs
DRCOG	Denver Regional Council of Governments
EA	Environmental Assessment
EAC	Early Action Compact
ECA	Environmental Conservation Areas
EIS	Environmental Impact Statement
EO	Executive Order
EPA	U. S. Environmental Protection Agency
ESA	Endangered Species Act
FDR	Forest Development Road
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FR	Forest Road
FRICO	Farmers Reservoir and Irrigation Company
FTA	Federal Transit Authority
GCWIN	Grand County Water Information Network
GIS	Geographic Information System
GMU	game management unit
GPCD	gallon per capita per day
GPS	Global Positioning System
I	Interstate
IF	Isolated Finds
IFIM	Instream Flow Incremental Methodology
IGA	Intergovernmental agreement
IMPROVE	Interagency Monitoring of Protected Visual Environments
IRP	Integrated Resources Plan

JSA	Joint Sewer Authority
KOP	Key Observation Point
LEPDA	least environmentally damaging practicable alternative
L-E Plant	Littleton-Englewood WWTP
MCL	Maximum Contaminant Level
MPM	Meyer-Peter Müller
MPWCD	Middle Park Water Conservancy District
MOA	Memorandum of Agreement
MSA	Metropolitan Statistical Area
MWAT	maximum weekly average temperature
MWRD	Metro Wastewater Reclamation District
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NCWCD	Northern Colorado Water Conservancy District
NDIS	Natural Diversity Information System
NEPA	National Environmental Policy Act
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NISP	Northern Integrated Supply Project
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWCCOG	Northwest Colorado Council of Governments
NWR	National Wildlife Refuge
O&M	operations and maintenance
OAHP	Office of Archaeology and Historic Preservation
OHV	off-highway vehicle
ORV	Outstandingly Remarkable Value
OSHA	Occupational Safety and Health Administration
PA	Programmatic Agreement
PACSM	Platte and Colorado Simulation Model
PCA	Potential Conservation Areas
PEL	Permissible Exposure Level
PEM	palustrine emergent wetland
PIA	Primary Impact Area
PRV	pressure reducing valve
PSS	palustrine scrub-shrub wetland
PWSD	Parker Water and Sanitation District
RAQC	Regional Air Quality Council
RDC	relative development cost
RMP	Resource Management Plan
RN	Roaded Natural
ROD	Record of Decision
ROM	rough order-of-magnitude
ROS	Recreation Opportunity Spectrum
ROW	right-of-way
RTD	Regional Transportation District
SDC	system development charge
SEL	Sound Exposure Level
SEO	Colorado Office of the State Engineer
SH	State Highway
SHPO	State Historic Preservation Officer
SIA	Secondary Impact Area
SIP	State Implementation Plan
SPM	Semi-primitive Motorized
SPWCP	South Platte Water Conservation Project
SWA	State Wildlife Area
STORET	Storage and Retrieval EPA Database
TCHD	Tri-County Health Department
TMDL	total maximum daily load
TVS	table value standard
UPCO	Upper Colorado River Basin
U.S.	United States
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USFS	U.S Forest Service
USGS	U.S. Geological Survey

UST	underground storage tank
VSI	Visibility Standard Index
WAPA	Western Area Power Administration
WGFP	Windy Gap Firming Project
WQCC	Water Quality Control Commission
WRAA	water rights acquisition area
WTP	Water Treatment Plant
WUA	Weighted Usable Area
WWTP	Wastewater Treatment Plant
ZLD	zero liquid discharge

Chemicals/Constituents

CO	carbon monoxide
DO	dissolved oxygen
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
PAH	polyaromatic hydrocarbons
Pb	lead
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	fine particulate matter less than 2.5 microns in diameter
SO_2	sulfur dioxide
SO_x	sulfur oxides
TCE	trichloroethylene
TDS	total dissolved solids
TOC	total organic carbon
TSS	total suspended solids
VOC	volatile organic compounds

Acronyms

Measurements

ac	acre
AF	acre-feet
AF/yr	acre-feet per year
bdl	below detection limits
bgs	below ground surface
°C	degrees Celsius
cfs	cubic feet per second
cm	centimeters
dB	decibel
dBA	decibel rating A scale (human ear)
°F	degrees Fahrenheit
ft	foot/feet
gpd	gallons per day
gpm	gallons per minute
gpd/ft	gallons per day per foot
ha	hectare
kg	kilogram
km	kilometers
L_A	A-weighted sound level
L_{eq}	equivalent sound level
L_{dn}	day-night average sound level
lbs	pounds
lbs/ft^3	pounds per cubic foot
m^2	meters squared
mgd	million gallons per day
mg/L	milligrams per liter
ml	milliliter
mm	millimeter
Mm^{-1}	inverse megameters
msl	mean sea level
mph	miles per hour
MPN	mean probable number
MW	megawatt
NTU	nephelometric turbidity unit
ppm	parts per million
psf	pounds per square foot
psi	pounds per square inch
pCi/g	picoCuries per gram
pCi/L	picoCuries per liter
SEL	A-weighted sound exposure level
$\mu g/m^3$	micrograms per cubic meter
µg	micrograms
µg/L	micrograms per liter
µmhos/cm	micromhos per centimeter
>	greater than
<	less than

acre-feet (AF). The volume of water that covers 1 acre to a depth of 1 foot; approximately 325,851 gallons.

adjudicate. To be determined by a court of law or judges.

advanced wastewater treatment (AWT). A process added to normal wastewater treatment processes to further reduce concentrations in constituents of concern.

alluvial groundwater. Shallow groundwater aquifer associated with a stream channel. In Colorado, alluvial groundwater is considered a tributary water source.

appropriation doctrine. The process of adjudicating water rights in Colorado. Rights are granted on a "first in time, first in right" basis.

aquifer. A geologic formation sufficiently permeable to yield water to wells and springs.

augmentation plan. A court-approved plan that sets forth methodologies to reuse water while keeping the stream system whole to protect other water rights.

base load water. Water use that is relatively consistent throughout the year. Coincides with indoor water use and is not dependent on weather (temperature, precipitation, etc.).

bedrock aquifer storage. The method of delivering water into the aquifer through wells so that water can be stored underground with no evaporative losses.

Best Management Practices (BMPs). Policies, practices, procedures, or structures implemented to mitigate the adverse environmental effects on surface water quality resulting from development BMPs are categorized as structural or non-structural.

big game. Larger species of wildlife that are hunted, such as elk, deer, bighorn sheep, and pronghorn antelope.

breccia. zones of broken up rock formed in fault zones

carry-over storage. The storage that remains in the reservoir after satisfying the demands on the reservoir. Carry-over storage is one of the primary functions of a reservoir to allow excess water to be captured in wet years, then stored for use in dry years.

cfs. CFS is an acronym for cubic feet per second. A cubic foot per second is one cubic foot of water passing by a single point for one second. It is the standard unit of measure for flowing water. A flow rate of one cfs would mean that 7.48 gallons passed by a point of reference in one second or 448.8 gallons of water in one minute.

colluvium. Accumulation of weathered materials often including rock fragments and soil

Colorado-Big Thompson Project. The Colorado-Big Thompson Project (C-BT) diverts Colorado River through a transmountain diversion to northeastern Colorado. The C-BT collects the headwaters of the Colorado River in Grand County and divert through the Alva B. Adams tunnel on the eastern end of Grand Lake to farms and cities in northeast Colorado. The C-BT is a complex system of reservoirs, pumps, pipelines, canals and other water structures for collecting and distributing water and generating hydroelectric power. The project was constructed in 1957.

confined aquifer. An aquifer that is confined under pressure greater than atmospheric by overlying relatively impermeable strata.

conjunctive use. The combined beneficial use of surface water and groundwater supplies by integrating the use of both systems, e.g., deep well injection of surface water supplies.

consumptive use. Consumptive use is the amount of water that does not return to its source after it has been diverted and put to

beneficial use. Not all water is physically consumed when it is diverted. Unconsumed water that returns to a water supply through a municipal or industrial wastewater system or an irrigation system's tailwater is called return flow. Return flows are then available for other downstream water users.

cultural resources. Those fragile and nonrenewable remains of human activity, occupation, or endeavor reflected in districts, sites, structures, buildings, objects, artifacts, ruins, works of art, architecture, and natural features that were of importance in human events.

Cultural Resources Inventory Classes.

> ***Class I***. An existing data survey. This is an inventory of a study area to (1) provide a narrative overview of cultural resources by using existing information, (2) compile existing cultural resources information, and (3) compile existing cultural resources site record data on which to base the development of the BLM's site record system.
>
> ***Class II***. A sampling field inventory designed to locate, from surface and exposed profile indications, all cultural resource sites within a portion of an area so that an estimate can be made of the cultural resources for the entire area.
>
> ***Class III***. An intensive field inventory designed to locate, from surface and exposed profile indications, all cultural resource sites in an area. Upon its completion, no further cultural resources inventory work is normally needed.

cumulative effects. The collective and incremental effects on the environment of the project when added to other past, present, and reasonably foreseeable future actions. Cumulative effects are defined by the Council on Environmental Quality (CEQ) at 40 CFR 1508.7.

dam axis. The centerline of the dam.

dead pool. The dead pool in a reservoir represents the minimum volume at which a reservoir can function. Typically when a reservoir is at or below the contents in the dead pool, water cannot be released because the base of the outlet exceeds the water surface elevation.

decant. To draw off the clear water above potentially more turbid water.

decree. An official document issued by the court defining the priority, amount, use, timing and location of a water right.

dendrocalibrated. Correlating tree ring dates with carbon dates to convert carbon dates to the Christian calendar, i.e., BC or AD.

Denver Basin. A group of geologic formations that underlie a 6,700 square-mile area along the Front Range of Colorado and is comprised of four principal aquifers: the Dawson, Denver, Arapahoe, and Laramie-Fox Hills. This aquifer system provides municipal water supplies for many entities along the Front Range.

depletion. A depletion is the amount of water lost to a river system or aquifer when water is diverted from it.

effluent. The product water from the wastewater treatment process.

effluent storage. The storage of effluent in the reservoir.

endangered species. Any species which is in danger of extinction throughout all or a significant portion of its range.

Environmental Impact Statement (EIS). A formal public document prepared to analyze the impacts on the environment of a proposed project or action and released for comment and review. An EIS must meet the requirements of NEPA, CEQ guidelines, and directives of the agency responsible for the proposed project or action.

ephemeral stream. An ephemeral stream has flowing water only during, and for a short duration after, precipitation events in a typical year. Ephemeral stream beds are located above the water table year-round. Groundwater is not a resource of water for the stream. Runoff from rainfall is the primary source of water for stream flow.

exchange. An exchange is an agreement between parties where water can be diverted or stored at one point, in exchange for an equivalent amount of water being released or bypassed at another point on a river system. In an exchange, the diversion or storage of water and the release or bypass of water from another point must occur simultaneously to prevent injury to other water users.

firm yield. The measure of a water collection system's ability to reliably supply water to meet demand during drought periods.

gaining reach. The description of stream or river reaches that receive water from an underlying aquifer.

impact. The effect, influence, alteration, or imprint caused by an action.

injury. Injury is the act of depriving a senior water right owners of their full water right. New water rights, changes of water rights, exchange and substitution agreements are only allowed if they do not injure other water users or uses.

in-priority. A legal term in the Colorado Appropriations System that denotes a time when water can legally be taken from a river by an existing water right. Conversely, out-of-priority is used to denote the time when water cannot legally be taken from a river by an existing water right (without augmentation).

intermittent stream. An intermittent stream has flowing water during certain times of the year, when groundwater provides water for stream flow. During dry periods, intermittent streams may not have flowing water. Runoff from rainfall is a supplemental source of water for stream flow.

lawn irrigation return flow (LIRF). The portion of water that is applied to residential lawns but is not consumed by the grass.

losing reach. The description of stream or river reaches that feeds water to an underlying aquifer.

mitigation. Alleviation or lessening of possible adverse effects on a resource by applying appropriate protective measures. Adverse effects can be rectified by either repairing, rehabilitating, or restoring affected environment and through compensation of the adverse effects by replacing or providing substitute resources or environments.

National Environmental Policy Act of 1969 (NEPA). Public Law 91-190. Establishes environmental policy for the nation. Among other items, NEPA requires federal agencies to consider environmental values in decision-making processes.

National Register of Historic Places (National Register, NRHP). A listing of architectural, historical, archaeological, and cultural sites of local, state, or national significance, established by the Historic Preservation Act of 1966 and maintained by the National Park Service.

NRHP Eligibility Determinations per Section 106 of the National Historic Preservation Act:

> ***No Determination.*** An evaluation of NRHP eligibility has not been made by either the SHPO or the field recorder.
>
> ***Listed on NRHP***. Property has been formally nominated and listed on the NRHP.
>
> ***Officially Eligible***. Property has been determined eligible for listing on the NRHP by the SHPO.

Field Needs Data. Property has been recommended to need additional data by the recorder, but SHPO concurrence has not been obtained.

Field Not Eligible. Property has been recommended to be not eligible for the NRHP by the recorder, but SHPO concurrence has not been obtained.

Non-Contributing Segment/ Officially Eligible. Portion of site documented has been determined to be a non-contributing segment of a property that has otherwise been determined by the SHPO to eligible for the NRHP.

Normal water surface elevation. In hydrologic terms, the lowest crest level of overflow on a reservoir with a fixed overflow level (spillway crest elevation). For a reservoir whose outflow is controlled wholly or partly by movable gates, siphons, or other means, it is the maximum level to which water may rise under normal operating conditions, exclusive of any provision for flood surcharge

Listed on the State Register. Property has been formally nominated and listed on the State Register of Historic Places.

Officially Eligible to the State Register. Property has been determined eligible for listing on the State Register of Historic Places by the SHPO.

Centennial Farm. An evaluation of NRHP eligibility has not been made by either the SHPO or the field recorder, but the property is commemorated as a farm that has been within the same family for at least 100 years.

ogee-crested spillway. A dam spillway that has an "S" curved shape in cross-section. Gross Dam has an ogee-crested spillway section.

out-of-priority. A legal term in the Colorado Appropriations System that denotes a time when water cannot legally be taken from a river by an existing water right (without augmentation). Conversely, in-priority is used to denote the time when water can legally be taken from a river by an existing water right.

paleontological resource. A site containing non-human life of past geological periods, usually in the form of fossil remains.

perennial stream. A perennial stream has flowing water year-round during a typical year. The water table is located above the stream bed for most of the year. Groundwater is the primary source of water for stream flow. Runoff from rainfall is a supplemental source of water for stream flow.

potable water. Water supplies that meet all applicable drinking water standards.

potentiometric surface. The water level elevation that coincides with the hydrostatic pressure level of the water in the aquifer.

priority system. The priority system was established when Colorado was still a territory to solve disputes over ownership and use of water. The system prioritizes use of water based upon who used water first. Those who put water to beneficial use first retain the senior right to continue using that water before newer users. When there is not enough water to satisfy all of the water users, the junior, or most recent user, must curtail or forego use until senior rights are fulfilled.

probable maximum flood (PMF). The maximum runoff condition resulting from the most severe combination of hydrologic and meteorologic conditions that are considered reasonably possible for the drainage basin under study.

raptor. Bird of prey with sharp talons and strongly curved beaks, e.g., hawks, owls, vultures, eagles.

raw water. Surface water or groundwater in its natural state, prior to treatment. Finished water has been treated and is ready to be delivered to customers.

reserve pool. A volume of water that is maintained in a reservoir under normal circumstances and is available as an emergency water supply under extreme drought conditions.

return flow. Water that returns to streams and rivers after it has been put to use is called a return flow. In most cases when water is used, not all of it is consumed and the remainder is returned to lakes, rivers or streams. When irrigating fields, for example, some water will typically flow off the land, referred to as tail water, and return to a waterway. Another portion will return after seeping into the ground, slowly percolating back to streams as groundwater.

riparian. Riparian areas are a form of wetland transition between permanently saturated wetlands and upland areas. These areas exhibit vegetation or physical characteristics reflective of permanent surface or subsurface water influence. Normally describes plants of all types that grow rooted in the water table or subirrigation zone of streams, ponds, and springs.

riparian/aquatic system. Interacting system between aquatic and terrestrial situations. Identified by a stream channel and distinctive vegetation that requires or tolerates free or unbound water.

scoping process. An early and open public participation process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action.

shears. Breaks in the rock that show evidence of movement, although the amount and direction of movement are not discernable.

significant. An action that is analyzed in the context of the proposed action and the severity of the effects either beneficial or adverse. Significance exists when the effects on the quality of the environment are likely to be highly controversial.

strategic water reserve. A water supply reserve to help protect against uncertainties in planning and emergencies in operating water supply infrastructure. It can also be termed "safety factor."

stream reach. A defined, continuous segment of a stream.

substitution. Similar to an exchange, a substitution involves taking water from one point of diversion while releasing water from another source to satisfy downstream senior rights. In a substitution, the diversion and the release do not happen at the same time. Substitutions occur mostly between reservoirs. Instead of releases of water occurring at the same time as the diversion, releases will take place at specified times in the future or as calls come on the river and the demands necessitate releases.

terminal storage. A facility which provides final water storage prior to use.

threatened species. Any species or a significant population of that species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.

transbasin/transmountain diversion. A transbasin diversion is the removal of water from one river basin to another river basin. A transmountain diversion is the removal and transport of water across the Continental Divide. These diversions of water are 100% consumptive since no water from the diversion will return to the basin of origin's waters as return flow.

tributary water. In Colorado, considered to be waters of the state that are subject to the Colorado appropriation doctrine.

unconfined aquifer. An aquifer in which the water table varies depending on areas of recharge and discharge, pumpage from wells and permeability, and is at atmospheric pressure.

vegetation type. A plant community with immediately distinguishable characteristics based upon and named after the apparent dominant plant species.

visual resources. The visible physical features on a landscape (topography, water, vegetation, animals, structures, and other features) that comprise the scenery of the area.

Water Court. Water Court is the mechanism by which water rights are adjudicated and therefore officially recognized by the State of Colorado. Water judges are district judges appointed by the Colorado Supreme Court and have jurisdiction in the determination of water rights, the use and administration of water, and all other water matters within the jurisdiction of the water divisions.

Windy Gap Project. The Windy Gap Project is located just west of the Town of Granby in Grand County, Colorado. It consists of a diversion dam on the Colorado River that creates the 445-acre-foot Windy Gap Reservoir, a pumping plants, and a 6-mile pipeline to Lake Granby. Water is pumped from the reservoir to Lake Granby, where it is stored for delivery to northeastern Colorado through the Colorado-Big Thompson (C-BT) Project facilities.

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