



WATER-RIGHT DOCKET

Rocky Mountain National Park

Docket No: 14

TIMBER CREEK WATER SYSTEM, WELL

Preliminary Docket Information

00-00-0000: water right record - id # romo w 240476 af 14

WATER RIGHT RECORD

Park: ROMO

Docket Number:

Federal #14

IDENTIFICATION NO: ROMO W 2 4 0 4 7 6 A E 1 4

DITCH/WATER SYSTEM: Timber Creek Water System

SOURCE OF SUPPLY: Well

LOCATION: NE $\frac{1}{4}$ SE $\frac{1}{4}$, sec. 24, T4N, R76W, 6th P.M.

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: 27240, May 12, 1966

Certificate Record Number:

Date of Priority: May 12, 1966

Quantity of Water: .055 c.f.s.

Purpose: Domestic, recreation, fire protection

Irrigated Land Description:

SUMMARY OF STATUS: This is a Federal water right consisting of a 75 ft. well, pump and 20,000 gallon reservoir and distribution system.

The original pipeline, Filing #16511, was commenced July 1, 1931 and completed July 24, 1939. This was adjudicated, abandoned and replaced with the well.

WATER RIGHT RECORD

Park:

Docket Number:

IDENTIFICATION NO: _____

DITCH/WATER SYSTEM:

SOURCE OF SUPPLY:

LOCATION:

WATER RIGHT:

Appropriator:

Application/Permit Number:

Certificate Record Number:

Date of Priority:

Quantity of Water:

Purpose:

Irrigated Land Description:

SUMMARY OF STATUS:

Docket No. 14.

Not Adjudicated.

MAY 8 1957

TIMBER CREEK CAMPGROUND PIPE LINE

Pipe Line No. , Water District No. 51

USE

Domestic and irrigation. Supplies water to Timber Creek Campgrounds and Road Camp, and to irrigate 22.17 acres when needed.

HEADGATE

Point of Diversion is on the North bank of Timber Creek about 550 feet East of the Road Camp Mess Hall, at a point whence the West Quarter Corner of Section 19, Township 5 North, Range 75 West, bears North 64° 52' West 734.35 feet.

PRIORITY

These rights have not been adjudicated. First beneficial use was on July 1, 1931.

AMOUNT OF DECREE

No decree. 0.542 cubic feet of water per second of time is claimed to flow from Timber Creek at said point of diversion through a 4 inch pipe. (235.17 gallons per minute)

OWNERSHIP and OPERATION

Claimed and owned by United States. Operated by Park Service.

MAPS

Filing No. 16511, accepted by State Engineer of Colorado on January 6, 1939.

Western Ranger District.

Timber Creek Campgrounds.

DOCKET INFORMATION SHEET

Docket Identity	ROMO W 24 04 76 A F 14
Region	ROCKY MOUNTAIN
Area	ROCKY MOUNTAIN NATIONAL PARK
Site	TIMBER CREEK WATER SYSTEM
State	COLORADO
County	GRAND
Docket	ROMO WATER RIGHT DOCKET 14
Location	T4N R76W SEC 24 NE 1/4 SE 1/4
Acquired by	APPROPRIATION
Application	27240 MAY 12 1966
Permit	
Certificate	
Priority	MAY 12 1966 - 0.055 CFS
Reservation	JANUARY 26 1915
Status	ACTIVE FEDERAL
Source	GROUND WATER
Use	DOMESTIC RECREATION FIRE PROTECTION
Quantity	0.055 CFS
Hydrologic Unit	14010001
Remarks	7.5 FT WELL, PUMP AND 20,000 GALLON RESERVOIR AND DISTRIBUTION SYSTEM. THE ORIGINAL PIPELINE FILING NO. 16511 STARTED JULY 1 1931 AND COMPLETED JULY 24 1939, WAS ADJUDICATED, ABANDONED AND REPLACED WITH THE WELL

IN THE DISTRICT COURT
IN AND FOR THE COUNTY OF GRAND
STATE OF COLORADO
CIVIL ACTION NO. 1768

IN THE MATTER OF THE	)	
SUPPLEMENTAL ADJUDICATION OF	)	
RIGHTS TO THE USE OF WATER	)	NOTICE OF SUPPLEMENTAL
IN WATER DISTRICT NO. 51,	)	ADJUDICATION OF WATER
FOR ALL BENEFICIAL USES AND	)	RIGHTS FOR ALL BENEFICIAL
PURPOSES,	)	PURPOSES IN WATER DISTRICT
	)	NO. 51.
CHARLES E. CLAYTON,	)	
	)	
Petitioner.	)	
	)	

The people of the State of Colorado: To all persons, associations, corporations and entities owning or claiming any water rights through any ditch, pipe line, canal or reservoir, or otherwise, in Water District No. 51 of the State of Colorado, and to all persons, associations, corporations, and entities resisting any claim for water rights in said water District No. 51, in the above En Titled matter, greeting:

WHEREAS, an order of the above Court was entered in the District Court, County of Grand and State of Colorado, on the 6th day of FEBRUARY, 1968, and filed in said cause on said date, in the matter of the supplemental adjudication of priorities of rights to the use of water for all beneficial purposes in said Water District No. 51, in said County and State.

NOW, THEREFORE, notice is hereby given to all persons, associations, corporations and entities interested as owners or claimants of water rights in Water District No. 51, Irrigation Division No. 5, in the State of Colorado, either for domestic, municipal, irrigation, sanitation, mining, milling, manufacturing, power-generation or other beneficial uses and purposes, and to the owners and claimants of ditches, canals, pipe lines and reservoirs in said District, that on the 30th day of April, 1968, at the hour of 10 o'clock A.M. of said day, in the District Court Room at the County Court House in Hot Sulphur Springs, Colorado, the Court will convene for the purpose of commencing the hearing and taking of evidence relative to priorities of right to the use of water in said District, and that hearings before the Court for such purpose will continue from day to day and be adjourned from time to time as provided by law until all persons, associations, corporations and entities are given a reasonable length of time to file their respective statements of claim for water rights in said District and to submit proof in support thereof; and that at said time and place fixed for said hearings and at all subsequent times to which said hearings might be adjourned and continued, all persons, associations, corporations and entities are hereby

notified that they shall have the right to resist any claim which may be made for any water right in said proceeding by any person, association, corporation or entity.

You are further notified that all persons, associations, corporation and entities listed as owners or claimants of water rights in said Water District No. 51 in the State of Colorado, and as the owners of any ditch, pipe line, canal or reservoir in said water District, are to attend said hearing by themselves, their agents or attorneys at the time and place above appointed and are then and there to file their statements of claim in case the same have not theretofore been filed in the office of the Clerk of this Court, under and pursuant to the statutes of the State of Colorado in such case made and provided, and to present their several proofs touching their claim for such priorities, by them or any of them for reservoirs in said District, and to present their proof for or against any priority to the use of water sought to be shown and established by any other person, association, corporation or entity claiming water rights in said District, provided: That this notice shall not require any owner or claimant of a water right which has already been adjudicated to submit such water right in this supplemental proceeding.

Notice is further given that, as defined by the statute of the State of Colorado, Water District No. 51 is described as follows:

"Water District No. 51 shall consist of all lands irrigated by water taken from the Grand River above the mouth of the Blue River, and from the streams draining into said portion of the Grand River except the Muddy and the Muddy and Troublesome Creeks and the streams draining into said creeks."

Witness my hand and the seal of the above Court at Hot Sulphur Springs, Grand County, Colorado, this 8TH day of FEBRUARY, 1968.

151 MARGUERITE BLOUCH
Marguerite Blouch, Clerk of
the District Court in and for
the County of Grand.

CERTIFICATE OF MAILING

I, FRANK P. LAND, Attorney at Law, and Attorney for the Petitioner in the above named Submittal Water Adjudication, do hereby certify that I have mailed a copy of the above and foregoing Notice of Supplemental Adjudication of Water Rights for all Beneficial Purposes in Water District No. 51, to all persons named on the list supplied to the Court by the Water Commissioner, Water District No. 51, Water Division No. 5 and the State Engineer of the State of Colorado, with sufficient postage thereon to carry each to its destination.

Frank P. Land
Frank P. Land,
Attorney for Petitioner

Form D (Rev.)
11/62STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER ADMINISTRATION

PERMIT

NOTE: This permit is issued for the purposes
indicated in the application.

Supt.	<i>2/5/66</i>
Asst. Supt.	
Memt. Asst.	
Chief Nat.	
Chief Ranger	
Adm. Officer	
Ch. of Maintenance	
Landscape Arch.	
Prof. Supervisor	
Prof. Inspector	
Supt's Sec.	

Form C Rev.
9-62/10M

STATE OF COLORADO

APPLICATION FOR:

☐ A PERMIT TO USE GROUND WATER
☒ A PERMIT TO CONSTRUCT A WELL

MAY 12 1966

National Park Service

Applicant Rocky Mountain National Park

LOCATION OF WELL COLORADO

County Grand

STATE ENGINEER

P.O. Address Box 1080, Estes Park, ColoradoQuantity applied for 25 gpm or
AF Storage

Public Campground

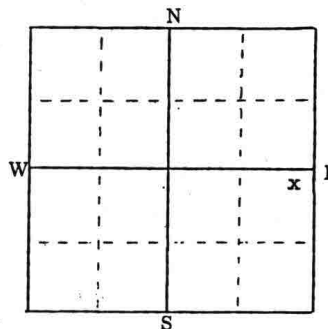
Used for Timber Creek Cgr. PurposesRge. 76W, 6 P.M. ORon/at _____
(legal description of land site)

Street Address or Lot & Block No. _____

Town or Subdivision _____

Total acreage irrigated and other rts.

ESTIMATED DATA OF WELL

Hole size: 6 in. to 75 ft.
_____ in. to _____ ft.Casing Plain 6 in. from 0 to 25 ft.
_____ in. from _____ to _____ ft.Open or Perf. 6 in. from 25 to 75 ft.
_____ in. from _____ to _____ ft.PUMP _____ Outlet _____
DATA: Type Submersible .HP _____ Size _____Use initiation date _____ 19____
(Use Supplemental pages for additional data)Driller to furnish Log and History (Form E)
within 30 days after completion of well.\$25.00 fee required for uses other
than Domestic or Livestock.Applicant Rocky Mountain National Park
Agent or Fred J. Novak, Superintendent
Driller _____ No. _____

Address _____

THIS APPLICATION APPROVED

PERMIT NO. 27240ISSUED: _____
DATE MAY 12 1966 19____

NOTE — SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

THE ABOVE APPLICATION, BEING A PART OF THIS PERMIT, IS APPROVED AS
INDICATED.

STATE ENGINEER

IN THE DISTRICT COURT IN AND FOR THE COUNTY OF GRAND
AND THE STATE OF COLORADO

IN THE MATTER OF THE ADJUDICATION	)	CIVIL ACTION NO. 1768
OF PRIORITIES TO THE USE OF WATER	)	STATEMENT OF CLAIM OF THE
FOR WATER DISTRICT NO. 51	)	UNITED STATES OF AMERICA FOR
IN THE STATE OF COLORADO	)	TIMBER CREEK CAMPGROUND PIPELINE

Comes now the United States of America by its attorneys, and makes
the following statement of claim pursuant to Colorado Rev. Stat. Ann.

148-9-8 (1963):

I.

The name of the claimant is the United States of America.

II.

The Post Office address of the claimant is Kenneth J. Burke, Trial
Attorney, Department of Justice, P. O. Box 1656, Denver, Colorado 80201.

III.

The name of the structure for which claim is made is the Timber Creek
Campground pipeline.

IV.

The source of supply is Timber Creek, a tributary of the North Fork
of the Colorado River from which it derives its supply of water, and diverted
therefrom through a four (4) inch pipeline for a distance of two thousand,
two hundred and sixty-four and eighty-seven one-hundredths (2,264.87) feet.
The grade of said pipeline is sixty-three and six-tenths (63.6) feet per
one thousand (1,000) feet and the carrying capacity is five hundred and
forty-two one thousandths (0.542) cubic feet of water per second of time.

V.

The point of diversion of said pipeline is on the North bank of
Timber Creek at a point where the West Quarter Corner of Section nineteen
(19), Township five (5) North, Range seventy-five (75) West bears North
sixty-four degrees fifty-two minutes ($64^{\circ}52'$) West seven hundred thirty-
four (734) feet.

VI.

No storage involved.

VII.

Construction of said pipeline was begun on July 1, 1931, and completed on July 24, 1939.

VIII.

The total amount of water claimed is five hundred forty-two one thousandths (0.542) cubic feet per second.

IX.

A map and statement of claim for said pipeline was filed with and accepted by the State Engineer of the State of Colorado on January 6, 1939 and was assigned by him, filing number sixteen thousand five hundred eleven (16,511).

X.

The character of use for which claim is hereby made is for domestic and public use.

The United States seeks to antedate the adjudication dates of earlier decrees insofar as they, in conjunction with applicable statutes, appear or purport to preclude this Court from awarding to the United States its water rights bearing their true priority dates.

Respectfully submitted.

James L. Treece
United States Attorney

By
Kenneth J. Burke
Trial Attorney
Department of Justice
P. O. Box 1656
Denver, Colorado 80201

C
O
P
Y

Filed July 12, 1948,
at Hot Sulphur Springs,
Colorado.

IN THE DISTRICT COURT IN AND FOR THE
COUNTY OF GRAND AND STATE OF COLORADO

Rocky Mountain
Docket No. 14

IN THE MATTER OF THE
ADJUDICATION OF THE
PRIORITIES OF RIGHT TO
THE USE OF WATER FOR
IRRIGATION PURPOSES IN
WATER DISTRICT NO. 51,
IN THE STATE OF COLORADO.

NO. 814

STATEMENT OF CLAIM OF THE
UNITED STATES OF AMERICA
FOR THE TIMBER CREEK WATER SYSTEM

Comes now C. V. Marmaduke, Jr., Special Assistant to the Attorney General, duly authorized and directed by the Attorney General of the United States, appearing for the purpose of this claim only and not submitting the rights of the United States, which are hereafter set out, to the jurisdiction of the above-entitled court, or in any way subjecting its rights to the jurisdiction of the State of Colorado or any of its agencies, and makes the following statement:

I.

The name of the claimant is United States of America.

II.

The postoffice address of the claimant is Rocky Mountain National Park, Estes Park, Colorado.

III.

The name of the pipe line for which claim is made herein is Timber Creek Water System.

IV.

The headgate or intake of the said pipe line is located at a point on the north, or right bank of Timber Creek, a tributary of the North Fork of the Colorado River, from which it derives its supply of water, whence the west quarter corner of Section nineteen (19), Township five (5) North, Range

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seventy-five (75) West of the 6th Principal Meridian, bears North sixty-four degrees, fifty-two minutes ($64^{\circ} 52'$) West seven hundred thirty-four and thirty-three one-hundredths (734.33) feet.

V.

The general course of said pipe line is southwesterly and crosses said Timber Creek.

The diameter of said pipe line is four (4) inches.

The grade of said pipe line is sixty-three and six-tenths (63.6) feet per one thousand (1,000) feet.

The length thereof is two thousand two hundred and sixty-four and eighty-seven one-hundredths (2,264.87) feet.

VI.

The carrying capacity of said pipe line is five hundred and forty-two one thousandths (0.542) cubic foot of water per second of time, for which claim is hereby made for domestic, irrigation, recreational, and fire protection purposes, at a public campground and road camp, designated as the Timber Creek Campground, situated in the northwest quarter of the southwest quarter ($NW\frac{1}{4} SW\frac{1}{4}$) of said Section Nineteen (19); and in the east half of the southeast quarter ($E\frac{1}{2} SE\frac{1}{4}$) of Section twenty-four (24), Township Five (5) North, Range seventy-six (76) West of the Sixth (6th) Principal Meridian.

The number of acres to be irrigated is approximately 20 acres.

VII.

Construction of Timber Creek Water System was initiated on July 1, 1931, and water was applied to a beneficial use at that time, and has continued to the capacity thereof ever since.

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VIII.

A map and statement of claim on said system was filed with and accepted by the State Engineer of the State of Colorado on January 6, 1939, and was assigned filing No. 16,511.

WHEREFORE, without submitting or in any way subjecting the water rights of the United States hereinabove described to the jurisdiction of the above-entitled court, but respectfully stating that said court and the State of Colorado are without jurisdiction over the water rights of the United States and are without jurisdiction to enter any order to make any determination affecting, or in any way affect, said water rights owned by the United States in said Colorado River Watershed, it is suggested that the said court adjust its findings, determinations and decree in the proceedings referred to according to the rights herein disclosed on the part of the United States and that it take cognizance of such rights in the said findings, determinations and judgment.

This statement is made and should be considered in conjunction with similar statements filed by the United States on this date in relation to Milner Pass Road Camp Pipe Line, Grand Lake Lodge Power Pipe Line, and Grand Lake Lodge and Ranger Station Water System.

Dated July 9, 1948.

C. V. MARMADUKE, JR.

Special Assistant to the Attorney General

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UNITED STATES OF AMERICA }
DISTRICT OF COLORADO } ss

DAVID H. CANFIELD, being first duly sworn, on his oath deposes and says that he is the Superintendent of the Rocky Mountain National Park, National Park Service, Department of the Interior, United States of America, that he has read the foregoing statement and that the contents thereof are true of his own personal knowledge.

Subscribed and sworn to before me this 8 day of July, A. D. 1948.

/s/ Wayne H. Hackett
United States Commissioner
Rocky Mountain National Park

IN THE DISTRICT COURT IN AND FOR THE
COUNTY OF GRAND AND STATE OF COLORADO.

IN THE MATTER OF THE ADJUDICATION OF THE PRIORITIES OF RIGHT TO THE USE OF WATER FOR PURPOSES IN WATER DISTRICT NO. 51, IN THE STATE OF COLORADO.	}	NO.
	}	STATEMENT OF CLAIM OF THE UNITED STATES OF AMERICA FOR THE TIMBER CREEK WATER SYSTEM.

NOW COMES United States of America by Worth Allen, Special Assistant
to the Attorney General of the United States, and hereby presents this its
petition and statement of claim herein, and shows unto this honorable
Court that:

I.

The name of the claimant is United States of America.

II.

The postoffice address of the claimant is Rocky Mountain National
Park, Estes Park, Colorado.

III.

The name of the pipe line for which claim is made herein is Timber
Creek Water System.

IV.

The headgate or intake of the said pipe line is located at a point
on the north, or right bank of Timber Creek, a tributary of the North Fork
of the Colorado River, from which it derives its supply of water, whence
the west quarter corner of Section nineteen (19), Township five (5) North,
Range seventy-five (75) West of the 6th Principal Meridian, bears North
sixty-four degrees, fifty-two minutes ($64^{\circ} 52'$) West seven hundred and
thirty-four and thirty-three one-hundredths (734.33) feet.

V.

The general course of said pipe line is southwesterly and crosses
said Timber Creek.

The diameter of said pipe line is four (4) inches.

The grade of said pipe line is sixty-three and six-tenths (63.6) feet
per one thousand (1,000) feet.

The length thereof is two thousand, two hundred and sixty-four and
eighty-seven one-hundredths (2,264.87) feet.

VI.

The carrying capacity of said pipe line is five hundred and forty-two one thousandths (0.542) cubic foot of water per second of time, for which claim is hereby made for domestic, incidental irrigation, recreational, and fire protection purposes, at a public campground and road camp, designated as the Timber Creek Campground, situated in the northwest quarter of the southwest quarter ($NW\frac{1}{4} SW\frac{1}{4}$) of said Section nineteen (19); and in the east half of the southeast quarter ($E\frac{1}{2} SE\frac{1}{4}$) of Section twenty-four (24), Township five (5) North, Range seventy-six (76) West of the Sixth (6th) Principal Meridian.

The number-of-acres area to be irrigated ^{is 2 acres which} ~~one-hundredths-(22.17)-acres~~ includes parts of approximately twenty (20) acres which have been set aside as said campground and road camp.

VII.

Construction of the Timber Creek Water System was begun on July 1, 1931, and was completed in its present condition ~~in-the-year-1935~~ on July 24, 1939.

Use of said system began ~~in-the-year-1931-or-1932~~, and has continued ~~to-the-capacity-thereof-ever-since~~ during its construction in the summer of 1931 and the quantity of water beneficially used increased annually until war conditions restricted public travel. Increased use in the summer of 1945 suggest that further increases may be expected in the next few years. A final right to five hundredths (0.05) cubic foot of water per second of time ^{is claimed} and a request is also made for a conditional decree to such additional portions of the total pipe capacity as may be justified by use when static campground use is reached.

VIII.

A map and statement of claim on said system was filed with and accepted by the State Engineer of the State of Colorado on January 6, 1939, and was assigned filing No. 16,511.

WHEREFORE, it is prayed that the petitioner, the United States of America, be permitted to file this its petition and statement of claim; that it be allowed to protect and secure its rights and interests by filing and

introducing any and all evidence, and by due examination of any and all witnesses touching any and all claims of others to the appropriation and use of water in Water District No. 51, State of Colorado, the allowance of which may be adverse to the interests of United States in the premises.

It is further prayed by the petitioner that a decree be made in this proceeding adjudicating and decreeing to the petitioner, United States of America, a priority right as of July 1, 1931, to the use of five hundred and forty-two one-thousandths ^{0.25} ~~(0.542)~~ cubic foot of water per second of time for the purposes hereinabove set forth; and for all other further and proper relief in the premises.

UNITED STATES OF AMERICA

Address of Claimant's Attorney:
704 Ernest & Crammer Building,
Denver, Colorado.

By _____
Special Assistant to the Attorney General.

STATE OF COLORADO, }
County of Larimer. } ss.

DAVID H. C.
JOHN B. DOERR, being first duly sworn, deposes and says that he is Superintendent of Rocky Mountain National Park and makes this affidavit on behalf of United States of America; that he has read the foregoing statement of claim and that the contents thereof are true to the best of affiant's knowledge and belief.

Subscribed and sworn to before me this _____ day of _____
1946.

My commission expires _____

Notary Public

Form NPS-L-1 UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

State Colorado Tract No. _____
County Grand Deed No. 64
Civil Subdivision _____ Area _____ acres _____
Name of Park or Area Rocky Mountain Nat. Park
Right based on surveyor filing Date January 6, 1939 Timber Creek Campground
~~Claim~~ Section of Park or Area
Legal Description: Filed Claim 16511 - Timber Creek Water System

Method of Acquisition: Filing Appropriation or Source of funds: Water Rights
Cost (if purchased) or estimated value: _____
Acquired from: State of Colorado
Accepted by Secretary () Opinion of Att'y. Gen.-title in U. S. () date: _____
Physical Characteristics: A claimed right to divert 0.542 sec. ft. of water from Timber Creek for domestic, recreational, irrigational, and fire protection purposes at Timber Creek Campground

Improvements on Land at time of Acquisition: _____

Existing or outstanding special use permits, reservations, rights, or rights of way: _____

Report Based on: Records of Water Rights Section
Prepared by: A. van V. Dunn, Hydraulic Engineer date: 11/23/43
Map References: NP-RM-6988A ✓
Remarks: To be adjudicated when United States consents.

25348

Supporting Hydro Data



IN REPLY REFER TO:
154-MW

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240

JAN 19 1970

LWW
noted in Washington

Memorandum

To: Director, Western Service Center
Attention: Mr. G. Witucki

From: Chief, Division of Water Resources

Subject: Partial completion report, Timberlake Campground, Rocky Mountain

The enclosed partial completion report for Timberlake Campground is forwarded for filing in your Water Right Docket No. 14.

Manuel Morris
Manuel Morris

Enclosure

RECEIVED	
WATER	
JAN 21 1970	
ACT. INFO.	INITIALS DATE
WITUCKI, G.	
CHAVEZ, D.	<i>AC</i>
REMARKS	

Form 10-374 (June 1962)		UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE		Work Order No. 121-211719	
FACE SHEET FOR COMPLETION REPORT				Fund Symbol 14X1035	
Park Rocky Mountain National Park		Region Midwest		Year Programmed 1967	
Location in Park Timberlake Campground		State(s) Colorado		PCP No. <i>Not in file</i> U-124-1	
☒ Contract and/or ☐ Day Labor		County or Counties Grand		Master Plan No. NP-RM-3126E	
Work Order Title Water and Sewer Additions				Master Plan Corrected By	
				As Built Drawings By	
				Date Started 6-5-67	
				Date Completed 8-18-67 <i>WES</i>	
DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)				TOTAL COSTS (For completion by FFO)	
<u>230 - UTILITY SYSTEMS</u> 1. Water System - Consisting of the installation of 4", 3", 2", 1" GS Water Pipe along with 4" valve and Box including a 20,000 gallon steel reservoir, pumphouse. 2. Sewer System - Consisting of the installation of 4" CI Sewer Pipe and Sanitary Station. 3. Electrical System - Consisting of installation of 1½" conduit, 2300 LF control cable. Contract 22,272.33 PS&S 16% <u>3,563.57</u> 25,835.90 Contract No. 14-10-2-121-6 Schedule 11 Globe Construction Co. Box 31227, Aurora, Colo. TOTAL \$ 25,835.90					
DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES			
No.	To	Submitted		Title	Date
1	WASO	By: Final Payment to Contract		BV 1989	9-1-68
1	DCSSC	Approved		Title:	Date:
1	MRO	By:			
1	FFO	COSTS VERIFIED		Title:	Date:
1	ROMO	BY Bruce E. Heiser		Regional Accountant	Nov 21 1968

Form 10-194a
(12/61)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Page 3

UNIT PRICE CONTRACT CONTINUATION SHEET

Contract No. 14-10-2-121-6		Contractor Globe Construction Company			
ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
<u>SCHEDULE II - UTILITIES, TIMBER CREEK CAMPGROUND</u>					
1.	80 L.F.	4" G. S. Water Pipe F	72	10.1178	\$ 728.48
2.	30 L.F.**	3" G. S. Water Pipe **C.O. #1 F	42	8.8308	370.89
3.	170 L.F.**	2" G. S. Water Pipe **C.O. #1 F	217	4.8609	1,054.82
4.	140 L.F.**	1" G. S. Water Pipe **C.O. #1 F	152	2.4057	365.67
5.	2 EA**, xxx	4" Valve and Box **C.O. #1 F C.O. #6	31	314.72	314.72
6.		****C.O. #4 F	0		0
7.	1 L.S. **** xxxx	20,000 Gallon Steel Reservoir F W/Valve Box, C.O. #4 & 7 F	100% 100%	5,247.00 2,050.00	5,247.00 2,050.00
8.	1 L.S. xxxx	Pumphouse and Equipment xxx F Structural Excavation Structural Backfill Concrete & Resteel, etc. Carpentry & Millwork Roofing Painting Mechanical Electrical	100% 100% 100% 100% 100% 100% 100% 100%	200.00 200.00 350.00 550.00 194.00 100.00 1,993.90 273.00	200.00 200.00 350.00 550.00 194.00 100.00 1,993.90 273.00
8A**	256 L.F.	1 1/2" Conduit w/3C No. 4 to PH **C.O. #1 F	258	1.7325	446.99
8B**	174 L.F.	1 1/2" Conduit w/3C No. 4 to C.S. **C.O. #1 F	207	1.7325	358.63
8C**	1 L.S. xxx	Wire 3 old C.S. **C.O. #1 & 6 F	100%	504.00	504.00
8D**	73 L.F.	1 1/2" Conduit w/3C No. 4 AWG type **C.O. #1 C.S. 245 RHW F	80	1.7325	138.60
8E**	1 L.S.	Wire bunkhouse **C.O. #1 F	100%	177.50	177.50
8F**	140 L.F.	1 1/2" Conduit w/3C No. 4 to #246 **C.O. #1 F	168	1.7325	291.06
8G**	181 L.F.	3C No. 4 Aluminum Triplex to Barn & Bunkhouse. **C.O. #1 F	185	0.35	64.75

Form 10-194a
(12/61)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Page 4

UNIT PRICE CONTRACT CONTINUATION SHEET

Contract No. 14-10-2-121-6		Contractor Globe Construction Company				
ITEM NO.	CONTRACT QUANTITY	DESCRIPTION		QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
9.	2,300 L.F.	Control Cable, 2C No. 19	F	2,100	.5643	1,185.03
10.	20 L.F.	6" C.I. Sewer Pipe **C.O. #1	F	0	9 .90	0
10A	89 L.F.	4" C.I. Sewer Pipe **C.O. #1	F	84	9 .60	806.40
11	1 L.S.	Sanitary Station	F	100%	2,376.99	2,376.99
12.		**C.O. #1 Deleted	F	0	---	0
13.	1 EA	2 Gate Valve & C.I.Box	F	2	163.35	326.70
14	1 L.S.	10 KW Generator - Testing	F	100%	148.50	148.50
15	Cont. Sum	Force Account Work	F	0	300.00	0
16	10 EA	Valve Boxes **C.O. #1	F	10	103.50	1,035.00
17**	1 EA	Water Meter - 3/4"	F	1 EA	57.50	57.50
***18.	L.S.	2-3" Underground Conduits (C.O. #3)	F	100 %	138.00	138.00
19xx	1 EA	3" Screened Flange	F	1 EA	60.34	60.34
20xx	3 EA	2" Screened Flang	F	3 EA	54.62	163.86
Total Schedule II (Items 1 thru 20)						22,272.33

Form 10-411
(Rev. 2/62)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

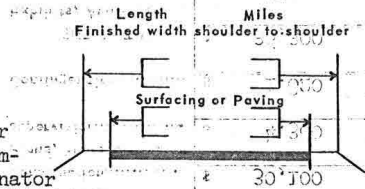
3103

PROJECT CONSTRUCTION PROPOSAL

3-1370

1. Statement of requirements, proposed work and construction data, justification, etc. (Use additional sheets as necessary.)

Improve the water system by replacing the present direct surface water intake with a well, pump and reservoir. (Note: The Public Health Service has severely criticized the present intake system. To meet the PHS standards would require an infiltration gallery with backwashing facilities or a ground water well. It is felt a ground water well would be economical to construct and maintain.) The present chlorinator house and equipment should be replaced with a new hypochlorinator and retention tank. For proper storage, it will be necessary to construct a reservoir.



A power line should be extended from the Holzwarth Ranch to the campground so as to provide power for the water pump and chlorinator, campfire circle, comfort stations, Ranger Station, and seasonal quarters.

2. Land Status (if Govt.-owned, what agency), Water Rights, Research, Etc.

Government Owned - NPS - Dept. of the Interior

3. PCP Data Prepared by (Name, Title & Date)

William P. Jensen 3/22/65

4. Cross-reference PCP's to this Project:

B-166

PCP numbers of previously completed portions:

5. Construction by:

Day Labor ☐ Contract ☒

Work supervised by:

Park ☐ Reg. ☐ Design Office ☒

6. CLASS C. ESTIMATE

Construction..... \$ 30,100 ✓

Plans, Surveys, & Supervision..... 4,380 ✓

Contingencies..... 1,820 ✓

SUB TOTAL 36,300 ✓

Exhibits, Audio-Visual Installations, etc.....

GRAND TOTAL \$ 36,300 ✓

7. DISTRIBUTION OF COPIES

No To

8. Recommended by Park Office (Signature, title, date)

Merlin K. Potts

Merlin K. Potts

Acting Superintendent 3/24/65

9. Approved by Regional Office (Signature, title, date)

*Richard B. D.*Ass't to Regional Director
Development

APR 21 1965

10. Reviewed by D&C Field Office (Signature, Title, Date)

Paul J. Parker

Supervisory Construction Management Engineer, WODG

JUN 18 1965

11. Location within Area or Termini

Timber Creek Campground

12. Master Plan No.

NP-RM 3126 E

13. Bldg. or Rt. # and Sec.

14. Region

Midwest

15. Park

Rocky Mountain National Park

16. Project

Improve Water System and Construct
Electrical Distribution System

Grand

(County)

Colorado

(State)

17. PCP Index No.

U-124-1

18. P. S. & S. by

BPR ☐NPS ☒

NARRATIVE STATEMENT

NAME OF PROJECT - Construction of Water and Sewer Additions -
Timber Creek Campground

PROJECT NO. - RM-S30

CONTRACT NO. - 14-10-2-121-6 Schedule II

WORK ORDER NO. - 121-211719 (Rev. No. 2)

This narrative is identical to the statement
for Work Order No. 121-225119 (Rev. No. 2)
except as follows:

DESCRIPTION OF WORK - This project included construction of a pump-
house over a previously drilled well with
installation of a electric motor-driven pump,
hypo-chlorinator, controls and connection to
the existing 4" main; service line to a new com-
fort station; construction of a 20,000 gallon
steel water reservoir with valve chamber,
connection to old 4" main and control cable to
pumphouse; construction of a trailer dump
station with service water and sewer lines;
and construction of a service line to the
ranger duplex and fire hydrant.

PLANS AND SPECIFICATIONS - For this project were prepared by the Design
Office of the San Francisco Service Center.

The working drawing number was NP-RM-3711.

The Construction Layout was made by the
Project Supervisor, D. Kane.

PROJECT ACTIVITIES - Water Systems

The sub-contractor for this portion of the contract
was Central Services, Inc. of Denver, Colo. The
work consisted of a wooden frame on concrete slab
pumphouse (32 S. F.), a 40 G.P.M. Reda Sub-
mersible Pump, Model 529D311, 2 H.P. motor with
pump type 9D31E. The pump is set 21' below the
pumphouse floor, Elevation 8,917.0. An electrical
driven hypo-chlorinator Wallace and Tiernan
"Chlorinet" Series A-588 was hooked into the system

in the pumphouse. Controls in the well, the pumphouse and the reservoir provide a completely automatic water system. Two 1-KW electric heaters with thermostats protect the pipes from freezing. Power and control cables are underground. The 2" supply line from the well was cut into the old 4" G. S. main with a drain to daylight.

A 20,000 gallon steel reservoir was installed near the old chlorinator house just above the water line crossing over Timber Creek. A flange at the edge of the creek was unbolted, the old line from the intake structure dropped down and the new 4" G. S. pipe from the tank bolted in place. The old system was retained on standby. The new tank was installed over a reinforced concrete valve chamber with a 3" overflow line teed into the 3" drain line. The floor of the tank is at the Elevation 9,017.0. The tank is 12' D X 24' high with a Square D, Class 9035 float switch, ladders, manholes, gage board, air terminal and grounding. Approximately 2,100 L. F. of 2C No. 19 control cable connects the float switch to the pumphouse.

A 2" G. S. fire line was cut into the old 4" G. S. main just below the new ranger duplex and a fire hydrant installed nearby. A 4" gate valve was installed in the cut main and a 1" tap provided to serve the duplex from the fire line.

A 2" G. S. Line was cut into the old 2" G. S. serving 'B' Loop in the campground. This new line ran 75 L. F. to serve the new comfort station. A water meter was installed on the line inside the comfort station. No pressure reduction was required.

A 1" G. S. line was teed into a 1" G. S. line feeding a water hydrant at the east end of 'A' Loop. This new line ran 152 L. F. to serve the new sanitary dump station water towers. Stop and waste valves were provided to drain the water towers.

During road construction several broken V. C. valve boxes were uncovered. Ten of these were dug out and replaced with C. I. adjustable valve boxes. This system with the new 6" X 77' well on the East bank of the North Fork of the Colorado River replaces the old 4" pipe intake approximately $\frac{1}{2}$ mile up Timber Creek from its mouth on the North Fork of the Colorado River. See attached U. S. G. S. appraisal for pumping details.

Power System

In order to perserve the naturalness of the forest, all power lines were run underground from a central power center near Comfort Station No. 245. A total of 713 L. F. of 1 $\frac{1}{2}$ " conduit with 3C No. 4 THW wire was laid to the pumphouse, Comfort Station No. 245, Comfort Station No. 246 and Comfort Station No. 352. A fifth run was laid to the amphitheater under Schedule VI Work Order No. 121-211722 (Rev. No. 2)

The three old comfort stations in the campground were wired for lights, outlets and future electric hand dryers. The bunkhouse and barn across Trail Ridge Road were wired for outlets only with aerial service.

Since power was not available at the time that the contractor was ready to test, so he was paid to supply his own source. Underground primary power and pad-mounted transformers were added in July, 1968 by others.

Sewer System

Approximately 84 L. F. of 4" C. I. soil pipe was installed from the sanitary dump station to the manhole on the 6" main line, 50' southwest of the ranger duplex. The 4" trap below the dump station slab has repeatedly failed to carry the slug loads dumped in it from trailer sewage tanks. Possibly manhole-type dump stations would work better.

No major underruns and overruns. See Change Orders.

- LIMITS OF PROJECT -
1. Utility System
 - a. Water System - Diversion Portion
 1. 20,000 gallon steel reservoir
 2. 72 L. F. - 4" G. S. pipe
 3. 42 L. F. - 3" G. S. pipe
 4. 117 L. F. - 2" G. S. pipe
 5. Pumphouse and equipment (hypo-chlorinator, pump, motor, controls, etc.) Building No. 689
 6. 2100 L. F. - 2C No. 19 control cable
 - b. Distribution Portion
 1. 100 L. F. - 2" G. S. pipe
 2. 152 L. F. - 1" G. S. pipe
 3. 2 - 2" gate valves and box
 4. 1 - 4" gate valves and box
 5. 10 C. I. valve boxes
 6. Sanitary dump station water towers
 7. 3/4" water meter

c. Sewer System

1. 84 L. F. - 4" C. I. soil pipe
2. Sanitary dump station slab

d. Power System

1. 713 L. F. $1\frac{1}{2}$ " conduit with 3C No. 4THW wire
2. Wire old comfort stations, bunkhouse and barn

This portion of the contract work upgraded the existing water system, added to the sewer system and installed a complete underground power distribution system. A revised complete and usable water, power and sewer systems have been constructed which work fine since the primary power has been installed. The only problem seems to be the plugging of the sanitary dump station.

D. A. Kane - James M. O'Keefe Jr.
D. A. Kane
Project Supervisor DC-SSG

Other Supporting Information

88-5-31-66.

Rocky Mountain National Park
and
Shadow Mountain National Recreation Area
P. O. Box 1080, Estes Park, Colorado 80517

154

~~S~~
SLW

May 10, 1966

Reed
EWY
5/31

State of Colorado
Division of Natural Resources
Ground Water Division
State Services Building
Denver, Colorado

Attention: Mr. George W. Colburn

Gentlemen:

Enclosed are two copies of Form C, Application for a Permit to Construct a Well, requesting permission to drill a well within Rocky Mountain National Park in Grand County. This well is to be located at the site of Timber Creek Campground near Trail Ridge Road approximately ten miles north of Grand Lake village.

In the past, the application fee has been waived for permits issued in Rocky Mountain National Park. Will you please advise us if this is not now the case.

Your usual cooperation in processing this application will be very much appreciated.

Sincerely yours,

(Sgd) Fred J. Novak

Fred J. Novak
Superintendent

cc:

Chief, Water Resources Section, WASO w/ encl. 2
Regional Director, MWRO w/ encl.
Chief, DCSSC w/encl.

MWR

Form 10-174
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Work Order No.

121-211719

Fund Symbol

14X1035

Year Programmed

1967

PCP No. *Not in L.S. file*
U-124-1

Master Plan No.

NP-RM-3126E

Master Plan Corrected By

As Built Drawings By

Date Started

6-5-67

Date Completed

8-18-67 *WES*

FACE SHEET FOR COMPLETION REPORT

Park Rocky Mountain National Park	Region Midwest	Year Programmed 1967
Location in Park Timberlake Campground	State(s) Colorado	PCP No. <i>Not in L.S. file</i> U-124-1
	County or Counties Grand	Master Plan No. NP-RM-3126E
☒ Contract and/or ☐ Day Labor		Master Plan Corrected By
Work Order Title Water and Sewer Additions		As Built Drawings By
		Date Started 6-5-67
		Date Completed 8-18-67 <i>WES</i>

DESCRIPTION OF FIXED ASSETS
(For completion by employee in charge of project)TOTAL COSTS
(For completion by FFO)230 - UTILITY SYSTEMS

1. Water System - Consisting of the installation of 4", 3", 2", 1" GS Water Pipe along with 4" valve and Box including a 20,000 gallon steel reservoir, pumphouse.
2. Sewer System - Consisting of the installation of 4" CI Sewer Pipe and Sanitary Station.
3. Electrical System - Consisting of installation of 1 1/2" conduit, 2300 LF control cable.

Contract 22,272.33
PS&S 16% 3,563.57
25,835.90

Contract No. 14-10-2-121-6 Schedule 11

Globe Construction Co.
Box 31227, Aurora, Colo.

TOTAL \$ 25,835.90

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES		
No.	To		Title	Date
1	WASO	Submitted		
1	DCSSC	By: Final Payment to Contract	BV 1989	9-1-68
1	MRO	Approved		
1	FFO	By:		
1	ROMO			
COSTS VERIFIED			Title:	Date:
BY <u>Bruce E. Heiser</u>			Regional Accountant	<i>Nov 21 1968</i>

Form 10-194a
(12/61)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Page 3

UNIT PRICE CONTRACT CONTINUATION SHEET

Contract No.
14-10-2-121-6Contractor
Globe Construction Company

ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
<u>SCHEDULE II - UTILITIES, TIMBER CREEK CAMPGROUND</u>					
1.	80 L.F.	4" G. S. Water Pipe F	72	10.1178	\$ 728.48
2.	30 L.F.**	3" G. S. Water Pipe **C.O. #1 F	42	8.8308	370.89
3.	170 L.F.**	2" G. S. Water Pipe **C.O. #1 F	217	4.8609	1,054.82
4.	140 L.F.**	1" G. S. Water Pipe **C.O. #1 F	152	2.4057	365.67
5.	2 EA**, xxx	4" Valve and Box **C.O. #1 F C.O. #6	1	314.72	314.72
6.		***C.O. #4 F	0		0
7.	1 L.S. **** xxxx	20,000 Gallon Steel Reservoir F W/Valve Box, C.O. #4 & 7 F	100% 100%	5,247.00 2,050.00	5,247.00 2,050.00
8.	1 L.S. xxxx	Pumphouse and Equipment xxx F Structural Excavation Structural Backfill Concrete & Resteel, etc. Carpentry & Millwork Roofing Painting Mechanical Electrical	100% 100% 100% 100% 100% 100% 100% 100%	200.00 200.00 350.00 550.00 194.00 100.00 1,993.90 273.00	200.00 200.00 350.00 550.00 194.00 100.00 1,993.90 273.00
8A**	256 L.F.	1 1/2" Conduit w/3C No. 4 to PH **C.O. #1 F	258	1.7325	446.99
8B**	174 L.F.	1 1/2" Conduit w/3C No. 4 to C.S. **C.O. #1 F	207	1.7325	358.63
8C**	1 L.S. xxx	Wire 3 old C.S. **C.O. #1 & 6 F	100%	504.00	504.00
8D**	73 L.F.	1 1/2" Conduit w/3C No. 4 AWG type **C.O. #1 C.S. 245 RHW F	80	1.7325	138.60
8E**	1 L.S.	Wire bunkhouse **C.O. #1 F	100%	177.50	177.50
8F**	140 L.F.	1 1/2" Conduit w/3C No. 4 to #246 **C.O. #1 F	168	1.7325	291.06
8G**	181 L.F.	3C No. 4 Aluminum Triplex to Barn & Bunkhouse. **C.O. #1 F	185	0.35	64.75

Form 10-194a
(12/61)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Page 4

UNIT PRICE CONTRACT CONTINUATION SHEET

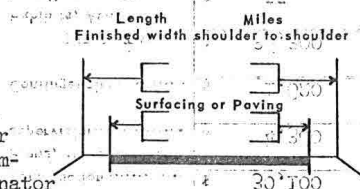
Contract No. 14-10-2-121-6		Contractor Globe Construction Company				
ITEM NO.	CONTRACT QUANTITY	DESCRIPTION		QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
9.	2,300 L.F.	Control Cable, 2C No. 19	F	2,100	.5643	1,185.03
10.	20 L.F.	6" C.I. Sewer Pipe **C.O. #1	F	0	9 .90	0
10A	89 L.F.	4" C.I. Sewer Pipe **C.O. #1	F	84	9 .60	806.40
11	1 L.S.	Sanitary Station	F	100%	2,376.99	2,376.99
12.		**C.O. #1 Deleted	F	0	---	0
13.	1 EA	2 Gate Valve & C.I.Box	F	2	163.35	326.70
14	1 L.S.	10 KW Generator - Testing	F	100%	148.50	148.50
15	Cont. Sum	Force Account Work	F	0	300.00	0
16	10 EA	Valve Boxes **C.O. #1	F	10	103.50	1,035.00
17**	1 EA	Water Meter - 3/4"	F	1 EA	57.50	57.50
***18.	L.S.	2-3" Underground Conduits (C.O. #3)	F	100 %	138.00	138.00
19-x	1 EA	3" Screened Flange	F	1 EA	60.34	60.34
20xx	3 EA	2" Screened Flang	F	3 EA	54.62	163.86
Total Schedule II (Items 1 thru 20)						22,272.33

Form 10-411
(Rev. 2/62)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PROJECT CONSTRUCTION PROPOSAL

1. Statement of requirements, proposed work and construction data, justification, etc. (Use additional sheets as necessary.)

Improve the water system by replacing the present direct surface water intake with a well, pump and reservoir. (Note: The Public Health Service has severely criticized the present intake system. To meet the PHS standards would require an infiltration gallery with backwashing facilities or a ground water well. It is felt a ground water well would be economical to construct and maintain.) The present chlorinator house and equipment should be replaced with a new hypochlorinator and retention tank. For proper storage, it will be necessary to construct a reservoir.



A power line should be extended from the Holzwarth Ranch to the campground so as to provide power for the water pump and chlorinator, campfire circle, comfort stations, Ranger Station, and seasonal quarters.

2. Land Status (if Govt.-owned, what agency), Water Rights, Research, Etc.

Government Owned - NPS - Dept. of the Interior

3. PCP Data Prepared by (Name, Title & Date) William P. Jensen 3/22/65		4. Cross-reference PCP's to this Project: B-166 PCP numbers of previously completed portions:		6. CLASS C ESTIMATE	
				Construction.....	\$ 30,100 ✓
				Plans, Surveys, & Supervision.....	4,380 ✓
				Contingencies.....	1,820 ✓
		5. Construction by: Day Labor ☐ Contract ☒ Work supervised by: Park ☐ Reg. ☐ Design Office ☒		SUB TOTAL	36,300 ✓
				Exhibits, Audio-Visual Installations, etc.....	
				GRAND TOTAL	\$ 36,300 ✓
7. DISTRIBUTION OF COPIES		8. Recommended by Park Office (Signature, title, date)			
No	To	Merlin K. Potts Acting Superintendent 3/24/65			
		9. Approved by Regional Office (Signature, title, date) Ass't to Regional Director Development APR 21 1965			
		10. Reviewed by D&C Field Office (Signature, Title, Date) Supervisory Construction Management Engineer, WDDG JUN 18 1965			
11. Location within Area or Termini Timber Creek Campground		12. Master Plan No. NP-RM 3126 E		13. Bldg. or Rt. # and Sec.	
14. Region Midwest	15. Park Rocky Mountain National Park				
16. Project Improve Water System and Construct Electrical Distribution System		Grand (County) Colorado (State)		17. PCP Index No. U-124-1	
				18. P. S. & S. by BPR ☐ NPS ☒	

NARRATIVE STATEMENT

NAME OF PROJECT - Construction of Water and Sewer Additions -
Timber Creek Campground

PROJECT NO. - RM-S30

CONTRACT NO. - 14-10-2-121-6 Schedule II

WORK ORDER NO. - 121-211719 (Rev. No. 2)

This narrative is identical to the statement
for Work Order No. 121-225119 (Rev. No. 2)
except as follows:

DESCRIPTION OF WORK - This project included construction of a pump-
house over a previously drilled well with
installation of a electric motor-driven pump,
hypo-chlorinator, controls and connection to
the existing 4" main; service line to a new com-
fort station; construction of a 20,000 gallon
steel water reservoir with valve chamber,
connection to old 4" main and control cable to
pumphouse; construction of a trailer dump
station with service water and sewer lines;
and construction of a service line to the
ranger duplex and fire hydrant.

PLANS AND SPECIFICATIONS - For this project were prepared by the Design
Office of the San Francisco Service Center.

The working drawing number was NP-RM-3711.

The Construction Layout was made by the
Project Supervisor, D. Kane.

PROJECT ACTIVITIES - Water Systems

The sub-contractor for this portion of the contract
was Central Services, Inc. of Denver, Colo. The
work consisted of a wooden frame on concrete slab
pumphouse (32 S. F.), a 40 G.P.M. Reda Sub-
mersible Pump, Model 529D311, 2 H.P. motor with
pump type 9D31E. The pump is set 21' below the
pumphouse floor, Elevation 8,917.0. An electrical
driven hypo-chlorinator Wallace and Tiernan
"Chlorinet" Series A-588 was hooked into the system

in the pumphouse. Controls in the well, the pumphouse and the reservoir provide a completely automatic water system. Two 1-KW electric heaters with thermostats protect the pipes from freezing. Power and control cables are underground. The 2" supply line from the well was cut into the old 4" G. S. main with a drain to daylight.

A 20,000 gallon steel reservoir was installed near the old chlorinator house just above the water line crossing over Timber Creek. A flange at the edge of the creek was unbolted, the old line from the intake structure dropped down and the new 4" G. S. pipe from the tank bolted in place. The old system was retained on standby. The new tank was installed over a reinforced concrete valve chamber with a 3" overflow line teed into the 3" drain line. The floor of the tank is at the Elevation 9,017.0. The tank is 12' D X 24' high with a Square D, Class 9035 float switch, ladders, man-holes, gage board, air terminal and grounding. Approximately 2,100 L. F. of 2C No. 19 control cable connects the float switch to the pumphouse.

A 2" G. S. fire line was cut into the old 4" G. S. main just below the new ranger duplex and a fire hydrant installed nearby. A 4" gate valve was installed in the cut main and a 1" tap provided to serve the duplex from the fire line.

A 2" G. S. Line was cut into the old 2" G. S. serving 'B' Loop in the campground. This new line ran 75 L. F. to serve the new comfort station. A water meter was installed on the line inside the comfort station. No pressure reduction was required.

A 1" G. S. line was teed into a 1" G. S. line feeding a water hydrant at the east end of 'A' Loop. This new line ran 152 L. F. to serve the new sanitary dump station water towers. Stop and waste valves were provided to drain the water towers.

During road construction several broken V. C. valve boxes were uncovered. Ten of these were dug out and replaced with C. I. adjustable valve boxes. This system with the new 6" X 77' well on the East bank of the North Fork of the Colorado River replaces the old 4" pipe intake approximately $\frac{1}{2}$ mile up Timber Creek from its mouth on the North Fork of the Colorado River. See attached U. S. G. S. appraisal for pumping details.

Power System

In order to perserve the naturalness of the forest, all power lines were run underground from a central power center near Comfort Station No. 245. A total of 713 L. F. of 1 $\frac{1}{2}$ " conduit with 3C No. 4 THW wire was laid to the pumphouse, Comfort Station No. 245, Comfort Station No. 246 and Comfort Station No. 352. A fifth run was laid to the amphitheater under Schedule VI Work Order No. 121-211722 (Rev. No. 2)

The three old comfort stations in the campground were wired for lights, outlets and future electric hand dryers. The bunkhouse and barn across Trail Ridge Road were wired for outlets only with aerial service.

Since power was not available at the time that the contractor was ready to test, so he was paid to supply his own source. Underground primary power and pad-mounted transformers were added in July, 1968 by others.

Sewer System

Approximately 84 L. F. of 4" C. I. soil pipe was installed from the sanitary dump station to the manhole on the 6" main line, 50' southwest of the ranger duplex. The 4" trap below the dump station slab has repeatedly failed to carry the slug loads dumped in it from trailer sewage tanks. Possibly manhole-type dump stations would work better.

No major underruns and overruns. See Change Orders.

- LIMITS OF PROJECT -
1. Utility System
 - a. Water System - Diversion Portion
 1. 20,000 gallon steel reservoir
 2. 72 L. F. - 4" G. S. pipe
 3. 42 L. F. - 3" G. S. pipe
 4. 117 L. F. - 2" G. S. pipe
 5. Pumphouse and equipment (hypo-chlorinator, pump, motor, controls, etc.) Building No. 689
 6. 2100 L. F. - 2C No. 19 control cable
 - b. Distribution Portion
 1. 100 L. F. - 2" G. S. pipe
 2. 152 L. F. - 1" G. S. pipe
 3. 2 - 2" gate valves and box
 4. 1 - 4" gate valves and box
 5. 10 C. I. valve boxes
 6. Sanitary dump station water towers
 7. 3/4" water meter

c. Sewer System

1. 84 L. F. - 4" C. I. soil pipe
2. Sanitary dump station slab

d. Power System

1. 713 L. F. 1½" conduit with 3C No. 4THW wire
2. Wire old comfort stations, bunkhouse and barn

This portion of the contract work upgraded the existing water system, added to the sewer system and installed a complete underground power distribution system. A revised complete and usable water, power and sewer systems have been constructed which work fine since the primary power has been installed. The only problem seems to be the plugging of the sanitary dump station.

D. A. Kane - James M. O'Leary Jr.
D. A. Kane
Project Supervisor DC-SS6

ADJUDICATION OF RIGHTS

MEMO For Files :

Mr. A. van V. Dunn, Chief, Water Resources Section, Director's Office, in his memorandum of September 20, 1960, to the Regional Director, Region Two, stated in the last paragraph as follows:

The Fedral claims under Filings 16511, 16658, 16659, 16668 and 17579, in Dockets 14, 15, 16, 17 and 20,sshould all be adjudicated when, or if, the Department of Justice decides to do so. The claims may all need revision before such action.

All above claims are in Water District No. 51.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS

SUPERINTENDENT	
ASST. CHIEF	12/4/45
CHIEF CLERK	
CHIEF ENGINEER	
NATURALIST	
PAINTERS	12/10/45
GROUP	
FOREMAN, C.E.	
COMMISSIONER	
FILE	

November 30, 1945.

MEMORANDUM for the Regional Director, Region Two.

In Mr. Baker's memorandum of November 26 for the Superintendent of Rocky Mountain National Park he requests information as to the date when drawing NP-EM-6982 is accepted by the State Engineer. The prints which have gone forward to him through your Office are only for review by him and by Mr. Worth Allen, and we are holding the tracings which will be filed with the State Engineer until we receive the approval of the statement on that map from Mr. Allen. His approval will depend largely on the extent to which he accepts our revisions of the statement of claim which he is to present to the court.

We are somewhat concerned over the delay which there has been in sending our memorandum of October 4 to Mr. Doerr. The map must be filed with the State Engineer before we can obtain the date and file number for the statement which will be filed with the court. There is also considerable chance that Mr. Allen will wish to make further revisions of some of the statements and we do not wish to be still making changes when the adjudication is reopened in March. It is suggested that Mr. Doerr arrange to have Mr. Allen send the final drafts and further comments directly to this Office in the interest of greater speed.

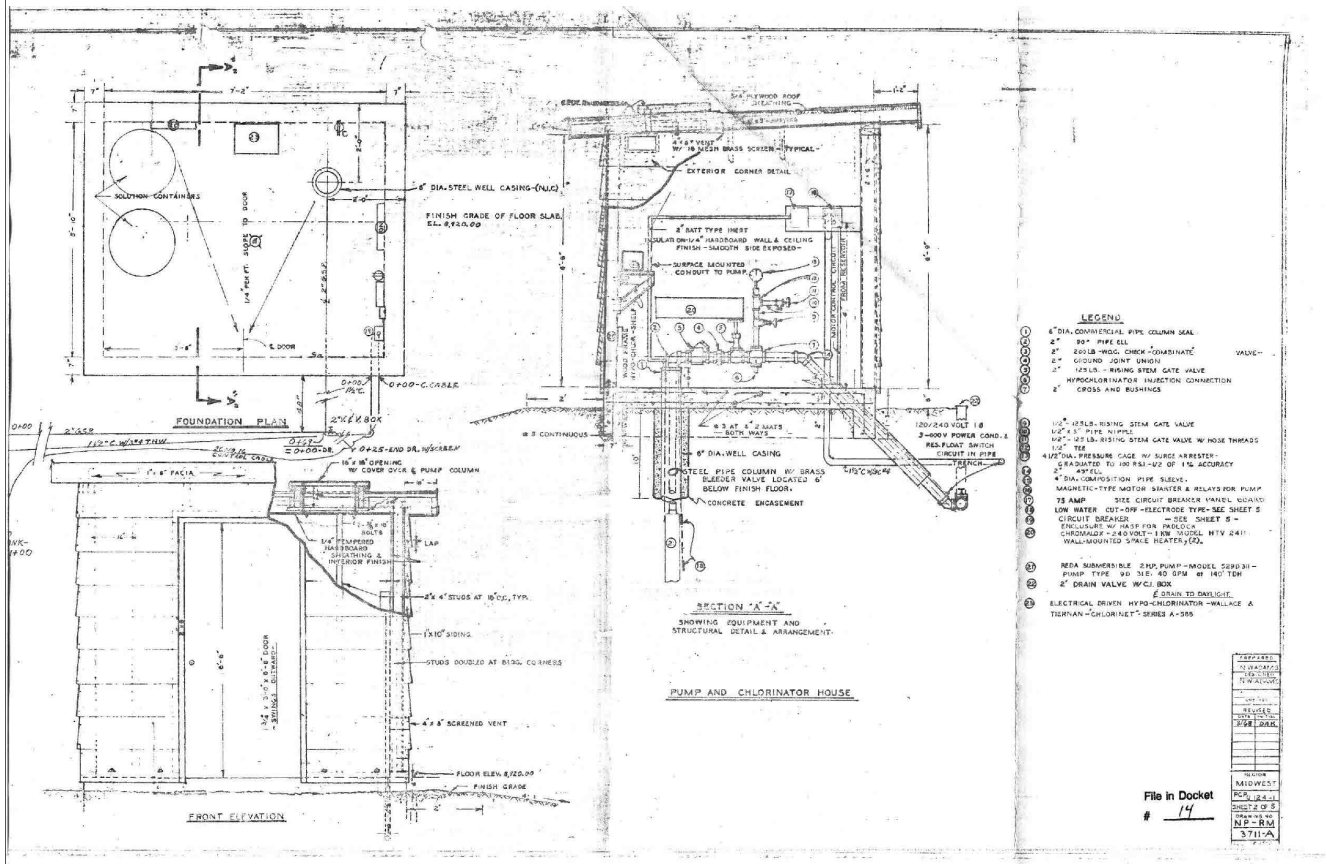
(SGD) HILORY A. TOLSON
Acting Director.

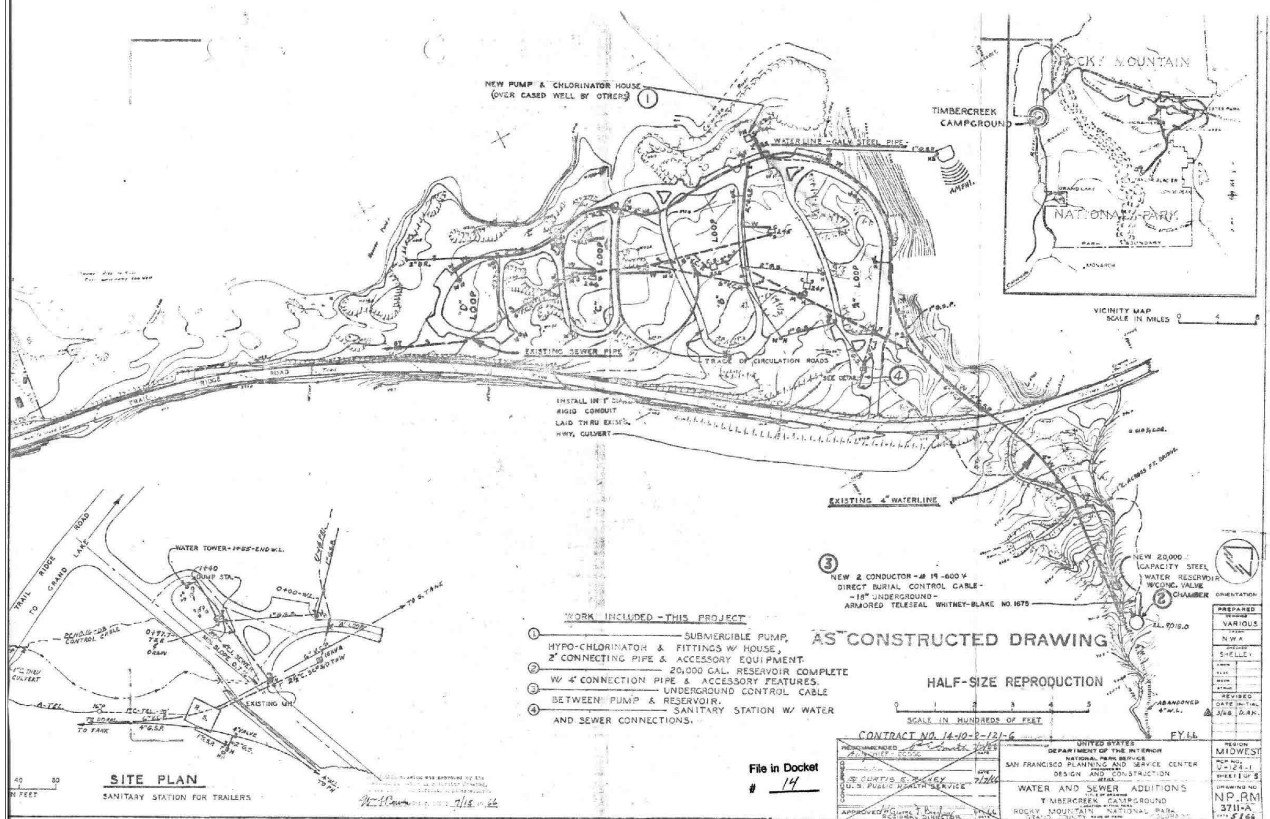
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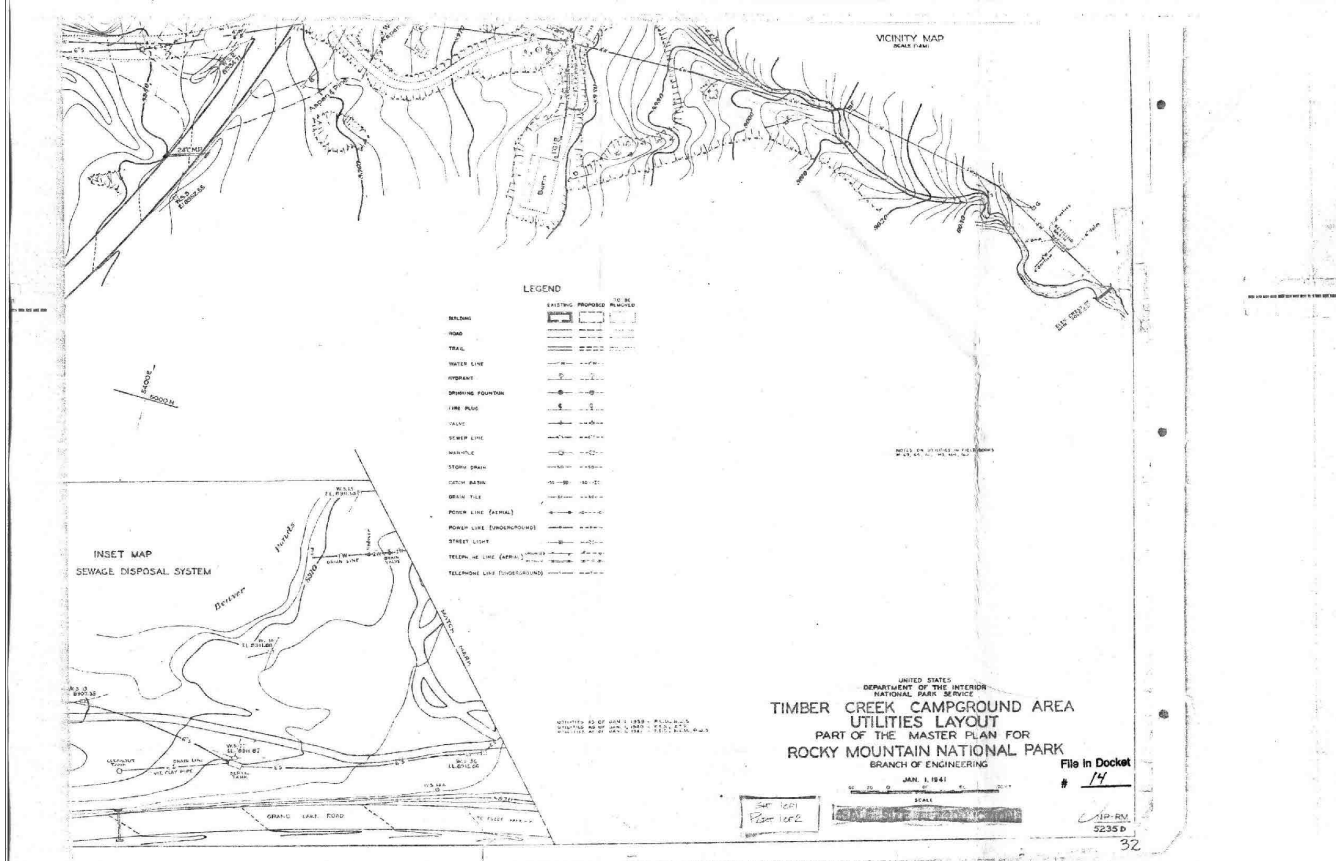


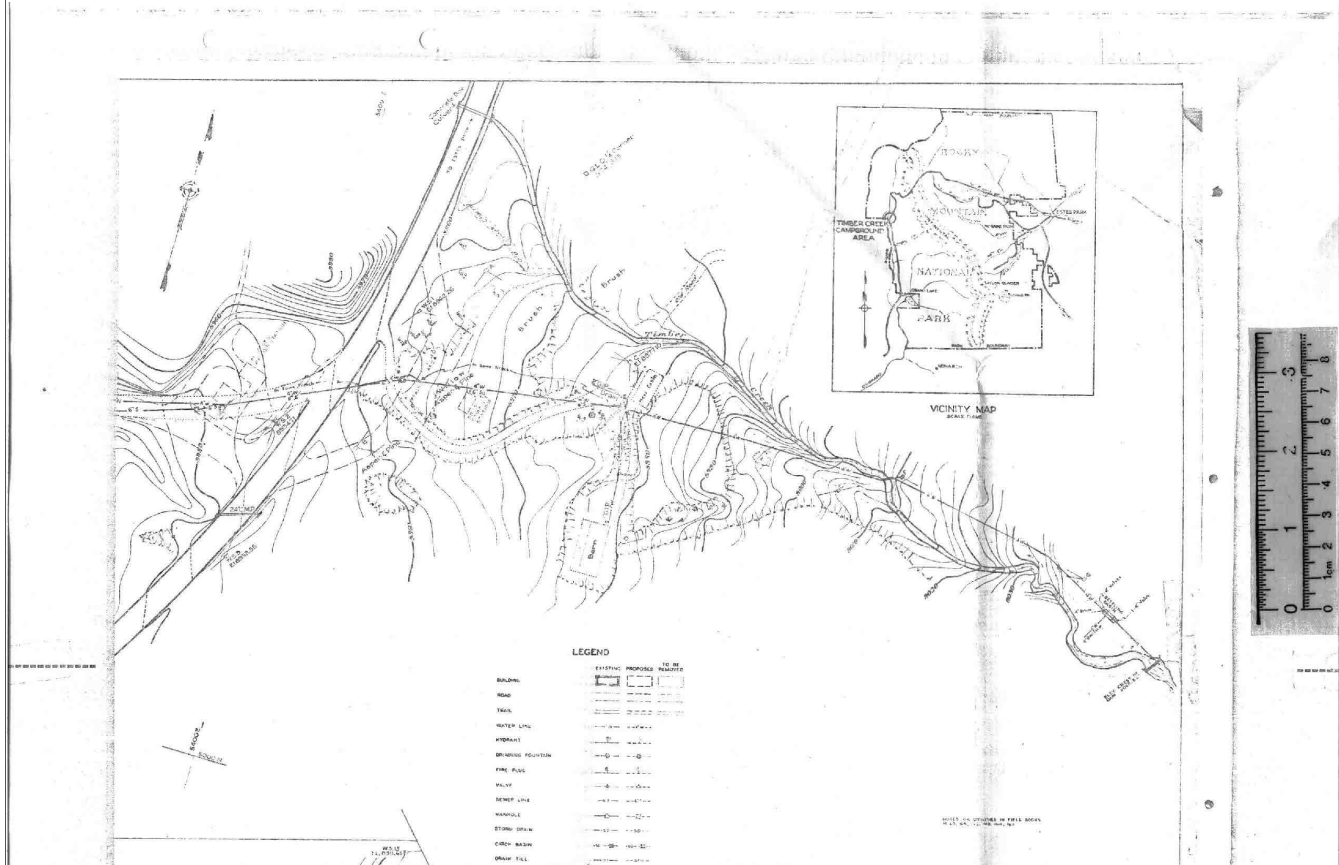
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By:	WBL
Date:	12/4/45





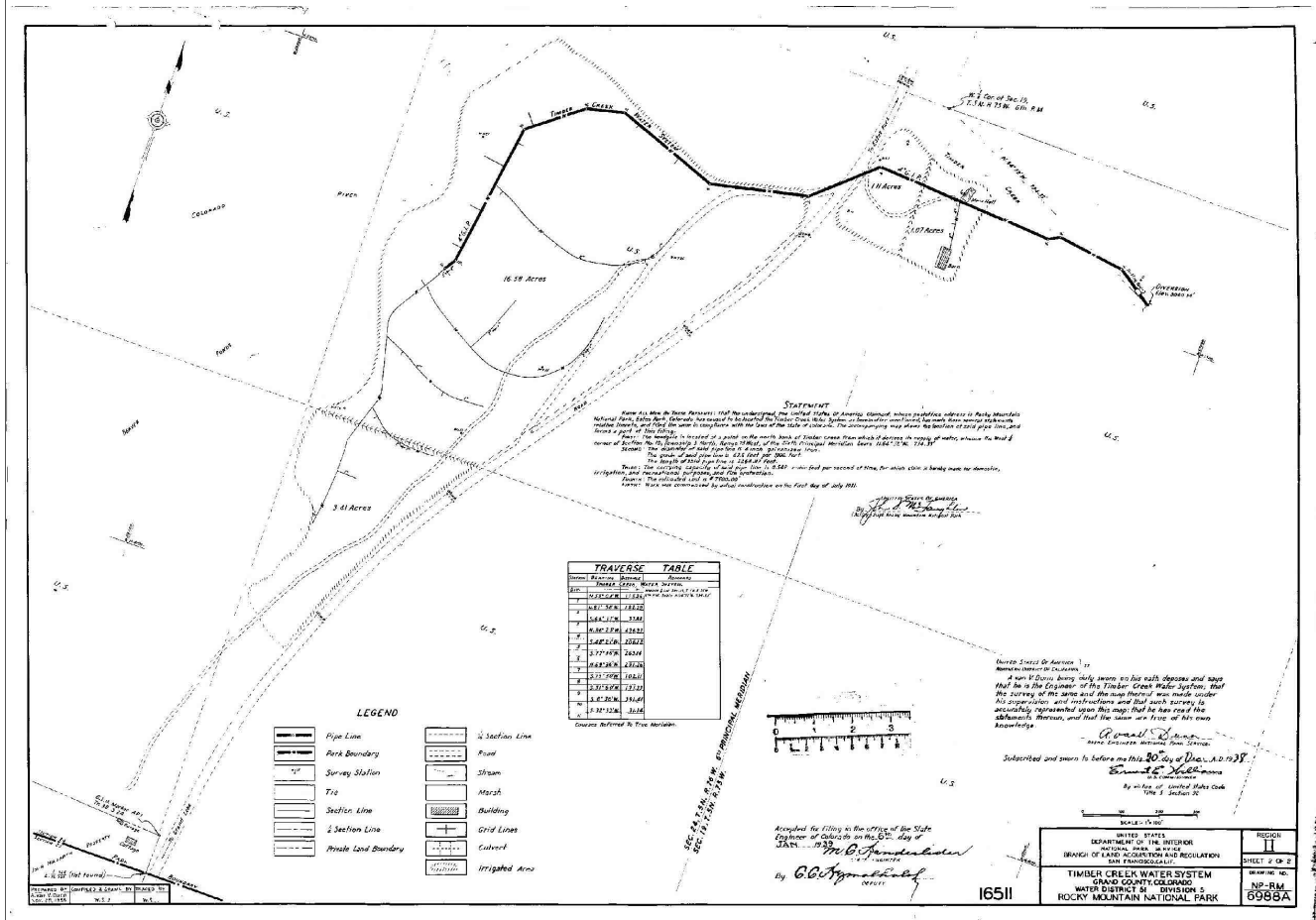












Docket Information

Number of Documents in Docket 46

Documents Dated from 1/6/1939 to 1/19/1970

Docket Compiled: 6/14/2011