

STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CENTRAL OREGON IRRIGATION DISTRICT
2598 N. HIGHWAY 97
REDMOND, OREGON 97754

confirms the right to store the waters of THE DESCHUTES RIVER, a tributary of THE COLUMBIA RIVER, in CRANE PRAIRIE RESERVOIR, appropriated under Permit 23256, for MULTIPLE PURPOSE USES.

The right to store these waters was perfected under Reservoir Permit R-1687. The date of priority is FEBRUARY 28, 1913. The amount of water entitled to be stored each year under this right is 50,000 ACRE-FEET.

The reservoir is located as follows:

SE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 36
Township 20 South, Range 7 East, W.M.

SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$
Section 21 SE $\frac{1}{4}$ NW $\frac{1}{4}$
 NE $\frac{1}{4}$ SW $\frac{1}{4}$
SW $\frac{1}{4}$ SW $\frac{1}{4}$ S $\frac{1}{2}$ SW $\frac{1}{4}$
Section 22 SE $\frac{1}{4}$
 Section 31

W $\frac{1}{2}$ NW $\frac{1}{4}$
W $\frac{1}{2}$ SW $\frac{1}{4}$ ALL
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 32
Section 27

NE $\frac{1}{4}$ N $\frac{1}{2}$
SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$
Section 28 Section 33

E $\frac{1}{2}$ NW $\frac{1}{4}$ N $\frac{1}{2}$
S $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$
Section 29 Section 34

Township 20 South, Range 8 East, W.M.

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$
Section 1

NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$ S $\frac{1}{2}$ NE $\frac{1}{4}$
E $\frac{1}{2}$ SE $\frac{1}{4}$ N $\frac{1}{2}$ SE $\frac{1}{4}$
Section 12 Section 13

Township 21 South, Range 7 East, W.M.

N½ NW¼
SW¼ NW¼
Section 4

N½
N½ SW¼
SE¼ SW¼
W½ SE¼
Section 8

ALL
Section 5

NW½ NW¼
Section 9

ALL
Section 6

SW¼ NW¼
Section 16

N½
SW¼
Section 7

N½ NE¼
Section 17

NW¼ NW¼
Section 18

Township 21 South, Range 8 East, W.M.

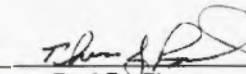
The right herein granted is limited to the storage of water from The Deschutes River appropriated under Permit 23256 for irrigation; provided that the priority for the storage of water shall be exercised in accordance with the inter-district contract date January 4, 1938, between Central Oregon Irrigation District, Crook County Improvement District No. 1, and Arnold Irrigation Company, predecessor of Arnold Irrigation District.

The right to store and use the water for the above purpose is restricted to beneficial use at the place of use described.

This certificate is issued to confirm a change in USE approved by an order of the Water Resources Director entered OCTOBER 16, 2000, and supersedes Certificate 76247, State Record of Water Right Certificates.

The issuance of this superseding certificate does not confirm the status of the water right in regard to the provisions of ORS 540.610 pertaining to forfeiture or abandonment.

WITNESS the signature of the Water Resources Director, affixed DECEMBER 15, 2000.



Paul R. Cleary

Recorded in State Record of Water Right Certificates numbered 76685.

STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

Superseded by
Cert. No. 76685

CENTRAL OREGON IRRIGATION DISTRICT
2598 N. HIGHWAY 97
REDMOND, OREGON 97754

confirms the right to store the waters of THE DESCHUTES RIVER, a tributary of THE COLUMBIA RIVER, in CRANE PRAIRIE RESERVOIR, appropriated under Permit 23256, for IRRIGATION.

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 NE $\frac{1}{4}$ SW $\frac{1}{4}$
SW $\frac{1}{4}$ SW $\frac{1}{4}$ S $\frac{1}{2}$ SW $\frac{1}{4}$
Section 22 SE $\frac{1}{4}$
 Section 31

W $\frac{1}{2}$ NW $\frac{1}{4}$
W $\frac{1}{2}$ SW $\frac{1}{4}$ ALL
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 32
Section 27

 N $\frac{1}{2}$
NE $\frac{1}{4}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$ NW $\frac{1}{4}$ W $\frac{1}{2}$ SE $\frac{1}{4}$
S $\frac{1}{2}$ Section 33
Section 28

 N $\frac{1}{2}$
E $\frac{1}{2}$ NW $\frac{1}{4}$ N $\frac{1}{2}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ Section 34
Section 29

Township 20 South, Range 8 East, W.M.

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$
Section 1

 NE $\frac{1}{4}$ NE $\frac{1}{4}$
NE $\frac{1}{4}$ S $\frac{1}{2}$ NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$ N $\frac{1}{2}$ SE $\frac{1}{4}$
E $\frac{1}{2}$ SE $\frac{1}{4}$ Section 13
Section 12

Township 21 South, Range 7 East, W.M.

N½ NW¼
SW¼ NW¼
Section 4

N½
N½ SW¼
SE¼ SW¼
W½ SE¼
Section 8

ALL
Section 5

NW½ NW¼
Section 9

ALL
Section 6

SW¼ NW¼
Section 16

N½
SW¼
Section 7

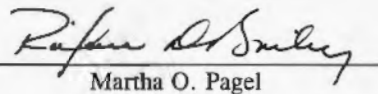
N½ NE¼
Section 17
NW¼ NW¼
Section 18

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The right to store and use the water for the above purpose is restricted to beneficial use at the place of use described.

WITNESS the signature of the Water Resources Director, affixed JULY 12, 1999.


Martha O. Pagel

Recorded in State Record of Water Right Certificates numbered 76247.

STATE OF OREGON

COUNTY OF DESCHUTES

PROPOSED CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CENTRAL OREGON IRRIGATION DISTRICT
2598 N. HIGHWAY 97
REDMOND, OREGON 97754

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SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 22	S $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 31

W $\frac{1}{2}$ NW $\frac{1}{4}$ W $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 27	ALL Section 32
---	-------------------

NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ S $\frac{1}{2}$ Section 28	N $\frac{1}{2}$ SW $\frac{1}{4}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ Section 33
--	---

E $\frac{1}{2}$ NW $\frac{1}{4}$ S $\frac{1}{2}$ Section 29	N $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 34
---	---

Township 20 South, Range 8 East, W.M.

NE $\frac{1}{4}$ E $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 1	NE $\frac{1}{4}$ NE $\frac{1}{4}$ S $\frac{1}{2}$ NE $\frac{1}{4}$ N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 13
---	---

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
E $\frac{1}{2}$ SE $\frac{1}{4}$
Section 12

Township 21 South, Range 7 East, W.M.

N½ NW¼
SW¼ NW¼
Section 4

N½
N½ SW¼
SE¼ SW¼
W½ SE¼
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ALL
Section 5

NW½ NW¼
Section 9

ALL
Section 6

SW¼ NW¼
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N½
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The right to store and use the water for the above purpose is restricted to beneficial use at the place of use described.

MEMORANDUM

To: John Falk Date: April 20, 1999

From: Steve Brown

Reference: Permit R-1687 - Crane Prairie Reservoir



I have attached a copy of a memorandum from Bob Main. This memo serves as a final proof inspection describing the reservoir and use made under the permit.

An area-capacity table, received February 1972, is located in the permit file. The permit does not contain any conditions regarding dam safety requirements.

Please review the report and advise of any additional requirements are necessary for the completion of the proof of appropriation as it pertains to dam safety requirements.

Thanks.

INTEROFFICE MEMO
WATER RESOURCES DEPARTMENT
SOUTH CENTRAL REGION

1340 NW WALL STREET, SUITE 100, BEND, OREGON 97701-1982
(541) 388-6669 FAX: (541) 388-5101

RECEIVED

APR 26 1999

WATER RESOURCES DEPT.
SALEM, OREGON

April 22, 1999

To: Steve Brown

From: Ben Bishop
Field Water Right Technician

Subj.: Crane Prairie Reservoir Final Proof maps

Steve,

If these are not sufficient, let me know.

* Map is in WRD's GIS system as of 5/1999

MEMORANDUM

To: John Falk

Date: April 20, 1999

From: Steve Brown

Reference: Permit R-1687 - Crane Prairie Reservoir



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An area-capacity table, received February 1972, is located in the permit file. The permit does not contain any conditions regarding dam safety requirements.

Please review the report and advise if any additional requirements are necessary for the completion of the proof of appropriation as it pertains to dam safety requirements.

Thanks.

Existing Storage Capacity @ Elevation 4445'
listed as 55,300 acre-feet. Appears to
exceed Permit amount by 5,300 acre-feet.

Recommend additional filing to legitimize
storage right. Will not need as-built unless
facilities have been modified from original
design circa 1939.

JF

Memorandum

To: app. R-13179, permit R-1687
CC:
From: Bob Main
Date: 04/05/99
Re: Final Proof for Crane Prairie Reservoir

This memo constitutes the report of the construction, completion, and use of Crane Prairie Reservoir under permit R-1687.

A rock crib dam was built in 1922 by the predecessor to the Central Oregon Irrigation District. The present dam was built by the Bureau of Reclamation in 1940. An allotment of 50,000 acre feet was granted out of the State Engineer's withdrawal of 1913 for storage in Crane Prairie Reservoir. It was from this allotment that the present permit was issued. The active capacity of the present reservoir is 55,340 acre feet, but the storage authorized by the present permit is limited to 50,000 acre feet.

Storage began in November, 1923, and has occurred every year since then. Storage contents are recorded in USGS and WRD records as Crane Prairie Reservoir near Lapine, Oregon.

As built plans are found in Standing Operating Procedures, Crane Prairie Dam, in the Dam Safety section of the Water Resources Department. Reservoir Capacity allocations are attached, as well as end-of-month contents for 1966-1998. A photograph of Crane Prairie dam and outlet control structure is also attached.

Use of the stored water has been generally for supplemental irrigation, with additional miscellaneous uses made within the irrigation districts storing water in the reservoir. Considering these additional miscellaneous uses, Central Oregon Irrigation District has requested, under authority of OAR 690-13-030, the use of the waters stored in Crane Prairie Reservoir be described as "Multi-Purpose Uses".

From levels run 9/29/66 by G. Backe, W.N. Perry, spillway elevation at crest varies from 4445.1 to 4445.115 abv msl. Using scaling on a 1994 aerial photograph, the width of the spillway entrance was found to be 220 feet, the width at the spillway crest was found to be 78 feet. Total length of the spillway channel is 496 feet. The dam crest was found to be at 4455.272 (RM2) by levels run in 1994. Crest width was 19 feet, by scaling photo. Upstream slope was found to be 3.2:1; downstream slope was less than 2:1.

Area inundated when reservoir is at elevation 4445 msl (spillway crest) was scaled from aerial photo, and found to be 4788.7 acres.

April 5, 1999

From these measurements, the as-built plans found in "Standing Operating Procedures, Crane Prairie Dam, vol 14 and 15" were found to be an accurate representation of the the dam as it was constructed.

LEVEL NOTES

Stream Crane Prairie Reservoir
Locality near Lagoon, Ding
Party Kalish & Party Date 11-15, 1956

STATION	D.S.	HT. INST.	F.S.	ELEVATION	REMARKS
					Result of levels run to tie in reservoir dam gage to U.S.G.S. BM 4445 (copper nail and washer in base of 36" yellow pine near corner Crane Prairie Ranger Station and on east side of Crane Prairie road, about 200' downstream from gage station below Crane Prairie Reservoir) also 4444.510 based on our line run by J.A. Sutherland of PP&L in 1929, datum of 1924.
44445				4444.510	
1113091 dam				4446.740	Red on 4446.740

No corrections indicated except for
adjustments to BM elevations which have
not been determined

Note Original field notes for these
levels are included with level
notes for station below reservoir, 328

LEVEL NOTES

Stream Crane Prairie R. - reservoir
Locality near the Pine
Party G.J. Beck & W. Perry & J.L. Date Sept 29, 1966

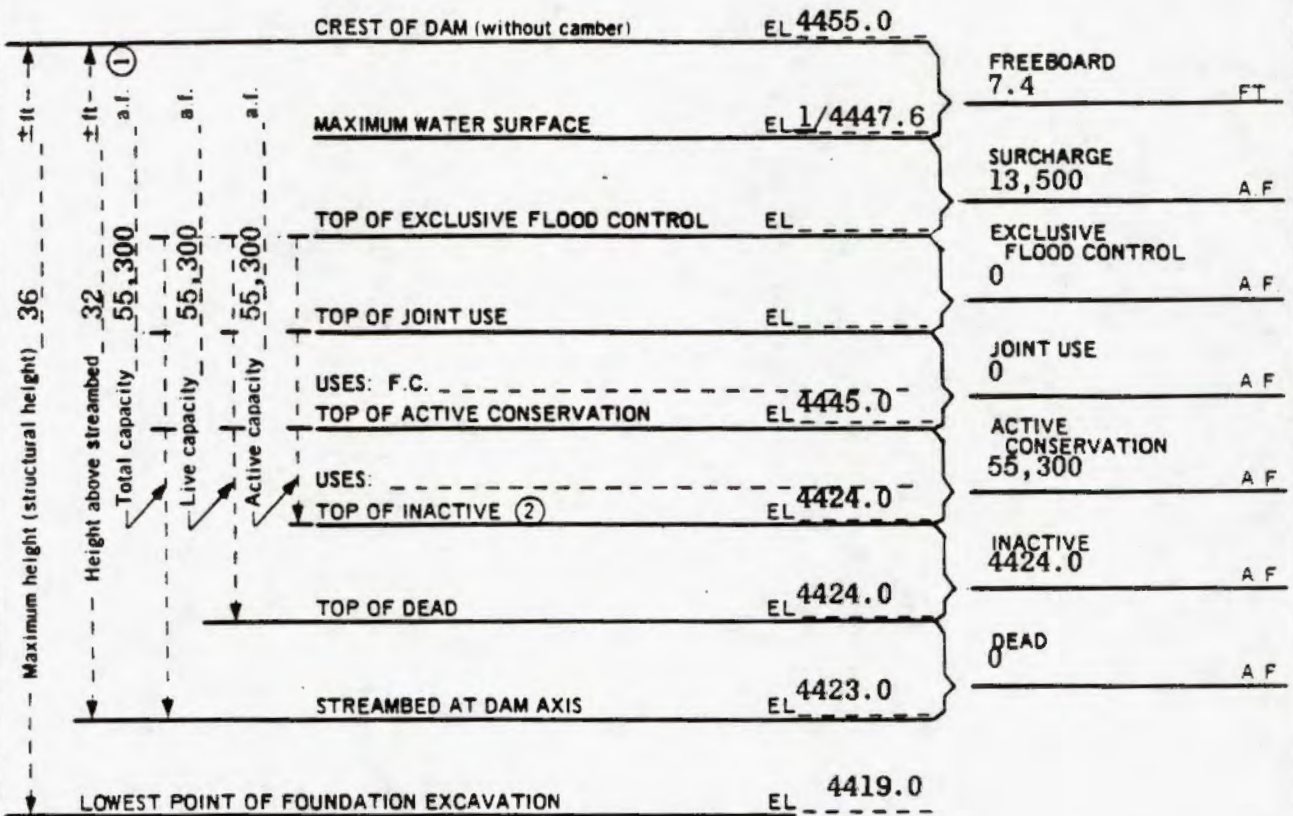
Station	B.S.	Ht. Inst.	F.S.	Elevation	REMARKS
USGS Copper Nail	2.230	46.740		4444.510	
TP	6.175	50.915	2.000	44.74	in road
TP	5.180	48.765	7.330	43.585	in spill in top
Spillway			3.665	45.100	NE Spillway
Spill			3.650	45.115	Center
Spill			3.660	45.105	Spill - 1' out
TBM	4.350	49.420	3.695	45.070	1" iron rod, open to spill at right bank
Gage board	2.650	49.620	2.445	46.975	Nail in gage board
TBM	3.520	48.595	4.550	45.075	1" iron rod in spill way
TP	7.490	51.070	5.015	43.500	Rock in spillway
TP	2.230	47.015	6.285	44.785	Rock in road
BM			2.445	44.570	USGS Copper nail COSC 0.06 high
	3.660	48.460		45.00	Spill for gage position
TBM	4.350	49.315	3.695	45.165	Iron rod at upper end of spill on right bank, 1/2" out from gage Nail in gage board - 3/4"
	2.650	49.520	2.445	46.970	Nail in gage board - 3/4"
			4.550	44.970	Iron rod. ^{40 gage to} this nail.

35.94 G.H. = 36.00 or old gage
Old gage was 0.06 high rdg low. This occurred
when gage board changed on Sept 16, 1966

Level Notes on Spillway

RESERVOIR CAPACITY ALLOCATIONS

TYPE OF DAM	Zoned earthfill	REGION	PN	STATE	Oregon
OPERATED BY	Central Oregon Irrigation Dist	Crane Prairie		RESERVOIR	
CREST LENGTH	285 FT	CREST WIDTH	25 FT	Crane Prairie DAM	
VOLUME OF DAM	30,000 CU YD	Deschutes		PROJECT	
CONSTRUCTION PERIOD	1939-1940	Crane Prairie Storage		DIVISION	
STREAM	Deschutes River	UNIT			
RES AREA	4,940 ACRES AT EL 4445.0	Operational		STATUS OF DAM	
ORIGINATED BY:			APPROVED BY:		
TAD	PN-475	03/14/91	WLB	D-5210	10/09/91
(Initials)	(Code)	(Date)	(Initials)	(Code)	(Date)



- ① Includes _____ a.f. allowance for _____ year sediment deposition between streambed and El. _____ of which _____ a.f. is above El. _____.
- ② Established by _____

REFERENCES AND COMMENTS:

Drawing No. 112-100-74 - Area Capacity Curves.

1/ The listed maximum water surface elevation is achieved by routing the original inflow design flood. Maximum water surface elevation 4459.2 is achieved when routing the current probable maximum flood (PMF) in the Modification Decision Analysis dated 1/31/89. The PMF study was reviewed and approved by interoffice memorandum dated 8/22/88 from Chief, Earth Sciences Division to Chief, Civil Engineering Division; subject: Review of PMF for Wickiup and Crane Prairie Dams.

CRANE PRAIRIE RESERVOIR nr LAPINE OR
 Month-end Contents in Acre-feet of Storage

Water Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1965												31840
1966	37480	40980	45800	48100	47000	49380	42900	33530	26650	23260	16650	12180
1967	15000	24160	31720	38300	40980	38860	35980	34370	29450	18870	14200	10940
1968	15400	22930	29570	31510	33120	33950	32330	27630	22520	16000	11220	10160
1969	12690	20900	28700	30900	29410	30100	31470	29330	24350	19830	18130	15600
1970	14930	24010	32460	41820	44990	45780	37990	33370	32460	28060	22080	19470
1971	21560	32000	37860	44900	45500	46100	46470	48570	45000	36830	31110	19720
1972	23600	36360	48960	54200	57090	59060	58560	55330	48910	41320	33620	33330
1973	34630	44180	51240	53140	54060	55930	52110	36270	21050	19100	12590	9840
1974	14580	23800	31970	37870	39830	41780	46370	51820	50650	39480	34930	33330
1975	38090	48060	55730	57800	57800	57340	56130	56130	47360	33620	32910	31560
1976	40100	50650	55430	56540	55980	54500	56740	54600	45040	30350	26980	27020
1977	28490	33360	36400	41230	45130	49140	43090	28900	26790	19390	13980	16500
1978	21910	28730	41590	46610	48960	52060	50700	43770	28650	22500	23980	28140
1979	29060	29740	29260	34890	40310	43410	40840	36440	29620	23100	19280	11100
1980	12720	14140	17690	27840	32460	30470	29660	24770	20560	19040	16670	9470
1981	10720	18150	26090	29840	31400	32460	31280	21830	17480	16700	15960	11260
1982	14920	21200	32090	31480	32050	39620	44680	46510	44540	39050	36230	33160
1983	36190	44360	45950	42090	46420	53570	55180	56240	42270	39090	36650	38000
1984	44400	50900	52650	50320	51970	53480	54940	55280	52400	48860	49050	46510
1985	43590	44400	39000	35640	42090	48440	54160	53180	44860	34800	31240	32130
1986	42050	46800	45220	45080	52400	53570	52650	44990	40180	38610	31730	25930
1987	25080	31930	39050	45670	49610	50940	44180	35220	29500	29660	26160	18110
1988	21200	21610	26480	28110	27600	28030	30350	30920	30190	26590	23240	21280
1989	19710	20930	21610	27330	30070	31560	34840	38390	36360	29340	27180	24620
1990	25257	24612	23524	27936	28886	36431	41765	40874	37289	26320	17973	17241
1991	22204	25854	28379	30190	31808	29850	28451	28690	28094	24953	17818	13263
1992	13917	20907	26706	26428	26781	25642	27058	22907	18220	17376	17005	16987
1993	17477	18433	19495	19707	18928	22835	31268	36399	31646	29259	30392	23391
1994	24245	26164	31283	33000	36900	40000	39200	32100	29100	22612	14950	9613
1995	11307	17443	21267	24573	25104	26588	28412	25487	25104	24156	20218	15439
1996	14429	22680	37331	43034	48201	51953	55624	54389	50027	43266	37375	34672
1997	34500	40343	51515	51079	50839	49788	54930	54684	49503	47679	45624	42078
1998	40564	40388	40608	48109	52545	54389	53854	52744	46546	41053	38202	35503
1999	33986	38467	41944	46921	49883							
2000												
2001												
2002												
2003												
MEAN	25176	30870	36017	39182	41356	42940	43156	40172	34920	29398	25616	22653
MAX	44400	50900	55730	57800	57800	59060	58560	56240	52400	48860	49050	46510
MIN	10720	14140	17690	19707	18928	22835	27058	21830	17480	16000	11220	9470

**OWRD
STATION DESCRIPTION**

File No. 14053500
Description
revised 05/11/94
by M.D. Clark

**Description of Gaging Station on Crane Prairie Reservoir
near LaPine, Oregon**

1. **LOCATION:** Lat 43° 45'20", Long 121° 46'50", in SW¼, NW¼, Sec 16, T 21 S, R 8 E, on the control structure at Crane Prairie Dam on the Deschutes River, 11.5 miles upstream from Wickiup dam and 15 miles northwest of LaPine. Reached from Bend by driving south on US Hyw 97 toward La Pine;

Mile Location

- | | |
|------|---|
| 0.0 | Hyw 20 and Hyw 97 intersection (Greenwood and 3rd St) Drive south toward LaPine on Hyw 97 (3rd St). |
| 15.2 | Turnoff to Sunriver continue straight on Hyw 97 |
| 17.8 | Turn right to Fall River on Vandervert Rd. |
| 18.8 | Turn left on South Century Drive. |
| 19.9 | Turn right on South Century Drive |
| 38.9 | Turnoff to Twin Lakes, continue straight |
| 40.3 | Cross Deschutes R and turn right to Crane Prairie Reservoir. |
| 40.8 | Veer right through locked gate (Central Oregon Irrigation District key) and continue .3 mi to dam. |
| 41.1 | Crane Prairie Dam. Gage can be seen on the outlet structure. |
2. **HISTORY:** 1922 to Jul 13, 1940; station 150 ft upstream at the same datum.

Jul 13, 1940 to Sep 16, 1966; Staff or tape gage installed on the tower at the dam.

Sep 16, 1966 to present: water stage recorder in plywood shelter on an 8" dia steel pipe well attached to the outlet structure.
 3. **GAGE:** Stevens A-35 graphic recorder with a slaved shaft encoder and telemetry equipment in a plywood shelter on the left side of the trashrack structure. The recorder is referenced to an outside iron enameled staff gage, 33.90' to 47.5' mounted on a 2"x6" board next to the float well and a wireweight gage mounted to the left of the gage structure.

4. BENCH MARKS: BM 1 is a USGS copper nail and washer in base of 3' pine tree next to road (east side), 600 ft from spillway (south) at former guard station. In April 1994 the tree (which has a triangle cut into its' bark) was located but the nail could not be found.

RM 1 is a 1" dia steel rebar 6" above the ground 100 ft upstream from the spillway crest, on the right bank at the spillway entrance. Elevation 44.97 ft gage datum (9/29/66).

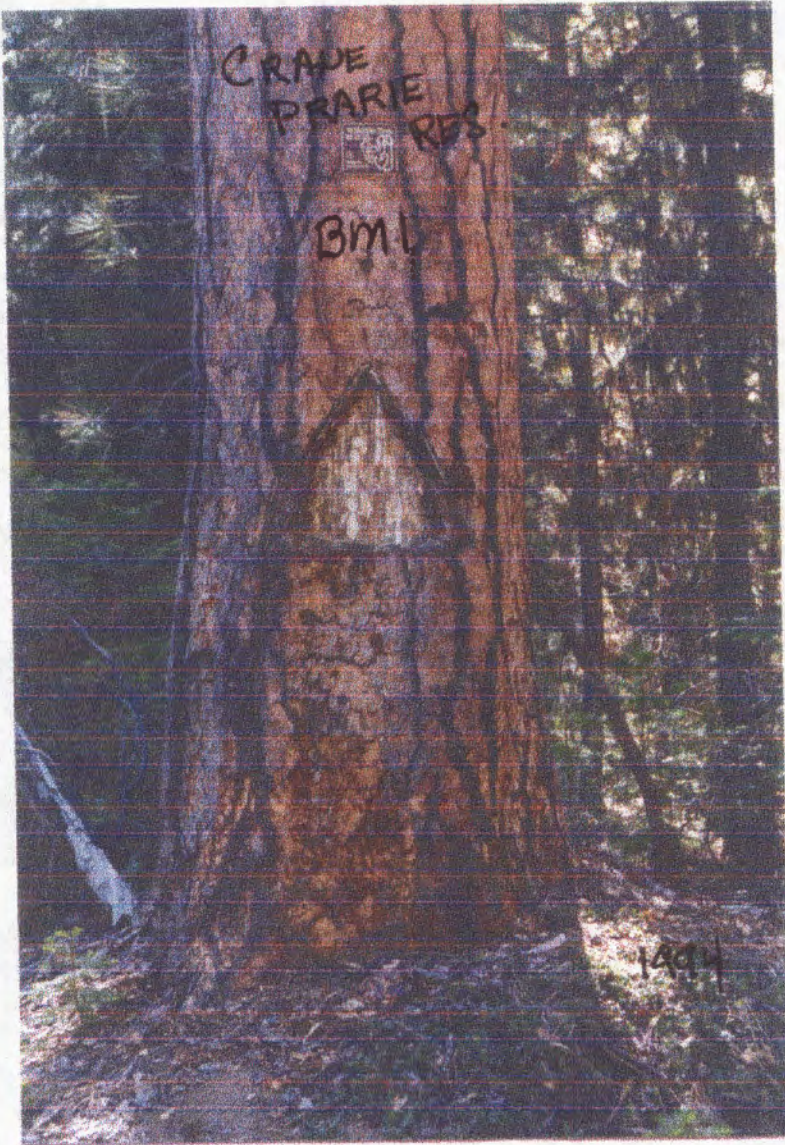
RM 2 is a 2½" dia aluminum disk marked "OWRD, RM 2", on the right side concrete supporting structure for the walkway to the outlet works. Elevation 55.272 ft gage datum. Established 5/13/94.

Wireweight gage check bar elevation is 52,514 ft, gage datum.

Spillway crest (concrete curb), elevation 45.0 ft gage datum.

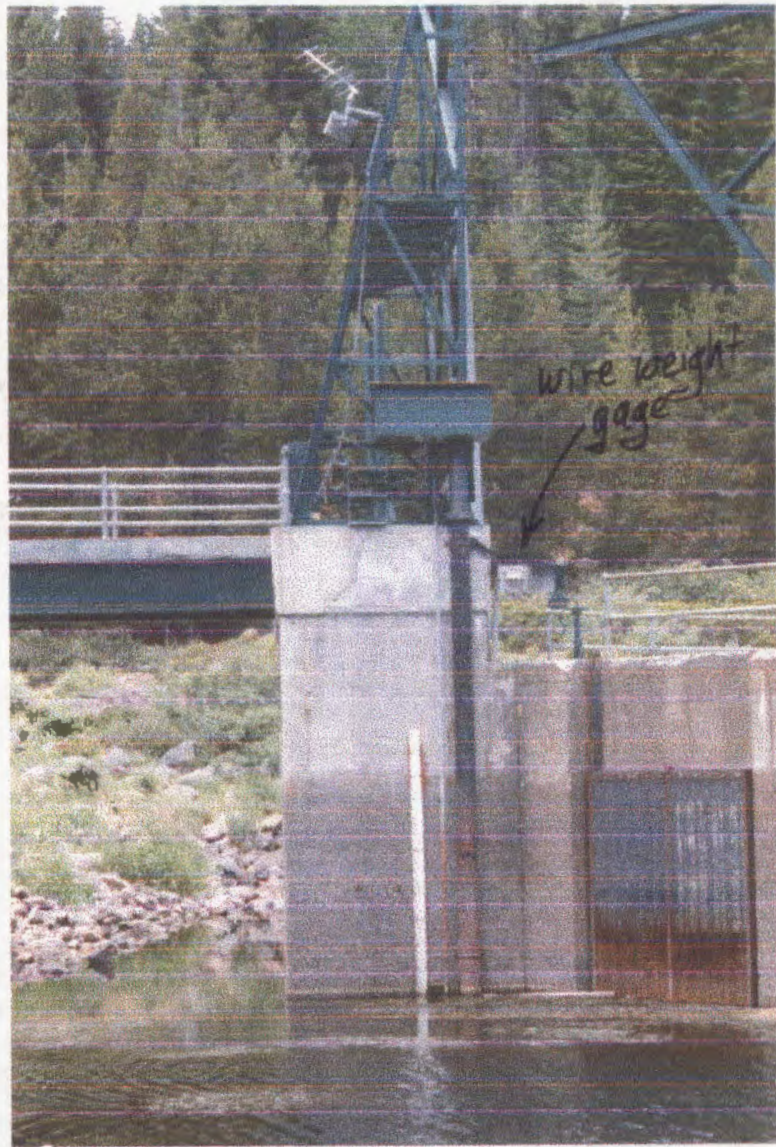
Gage datum is 4400.00 ft MSL from BM 1.

6. DAM AND SPILLWAY: Rock faced earth dam 36 ft high and 315 ft long with gate tower and fish screen structure in pool above and at the center of the dam. The gate tower is reached from the dam by a concrete walkway. The spillway is an uncontrolled open cut around the left end of the dam with a concrete weir crest at an elevation of 45.0 ft gage datum. The capacity of the spillway is 2,500 cfs with a depth of 5.0 ft of water. The outlet tunnels consist of two 7 ft diameter horseshoe openings 140 ft long designed to carry 1,800 cfs of water.
7. CAPACITY TABLE: Prior to 1940 a capacity table dated 12-29-25 was used. Between 1940 and 1971 a capacity table dated 12-31-40 was used. Currently a capacity table dated Nov 1971 is used.
8. COOPERATION AND PURPOSE: OWRD Watermasters office in Bend collects and processes the record from the gage. Central Oregon Irrigation District (COID) maintains the outlet works. Records determine water stored and released for use by COID.
9. MAPS: USGS topographic 7½ min. Crane Prairie Reservoir Quadrangle, 1963.









Crane Prairie Reservoir

795





CRANE PRAIRIE RESERVOIR

DESCHUTES PROJECT, OREGON

(CENTRAL OREGON IRRIGATION DISTRICT)

AREA-CAPACITY TABLE RECEIVED

FEB 3 1972

STATE ENGINEER
SALEM OREGON

BOISE, IDAHO

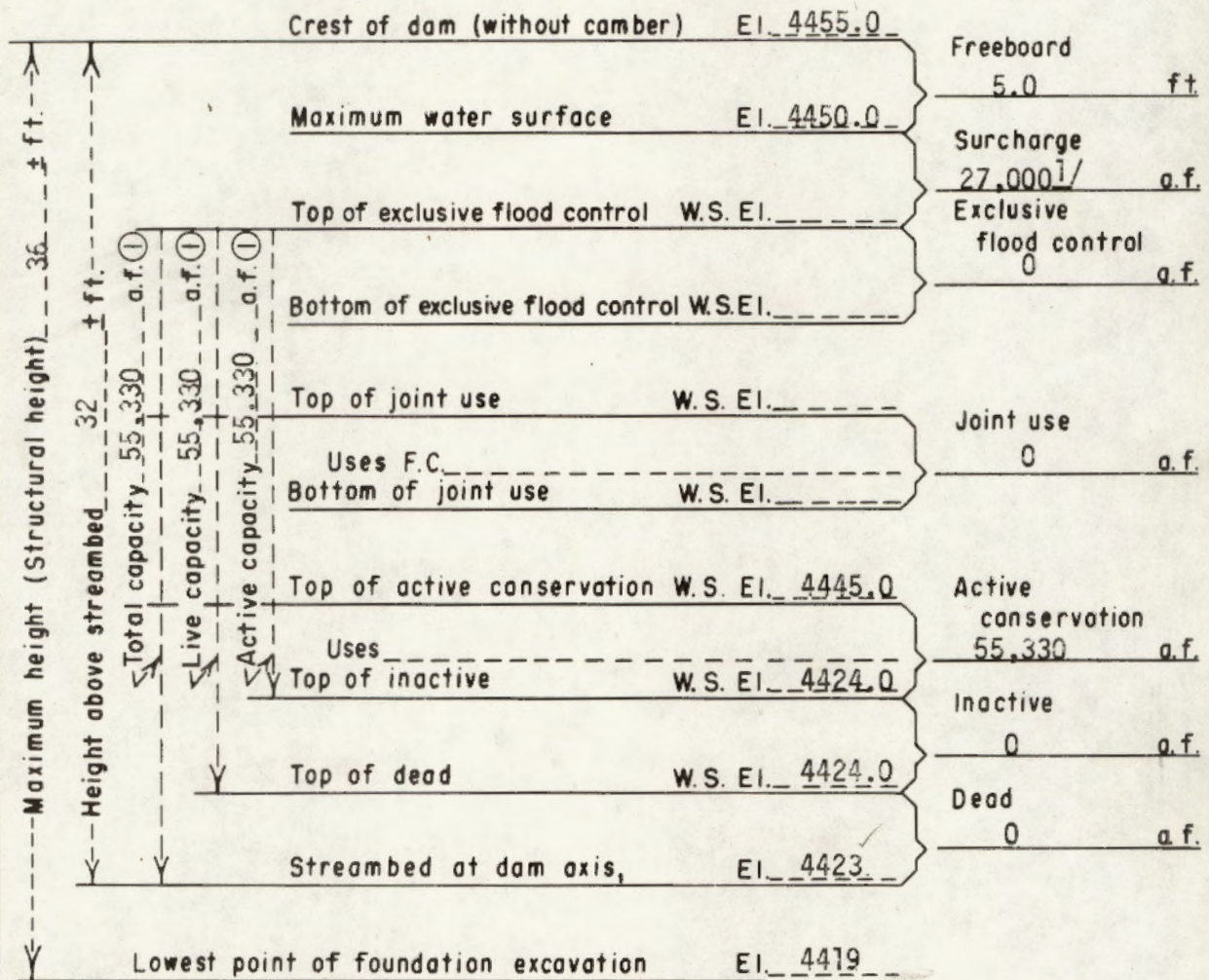


NOVEMBER 1971

RESERVOIR CAPACITY ALLOCATIONS

Type of dam <u>Zoned earthfill</u>	Region <u>1</u> State <u>Oregon</u>
Operated by <u>Central Oregon Irrig. Dist.</u>	<u>Crane Prairie</u> Reservoir
Crest length <u>285</u> ft.	<u>Crane Prairie</u> Dam
Volume <u>30,000</u> cubic yards	<u>Deschutes</u> Project
Top width <u>25</u> ft., Max. Base Width <u>200</u> ft.	Division
Closure date _____	Unit
Construction period <u>1939-1940</u>	<u>As built</u> Status
Stream <u>Deschutes River</u>	<u>November 1971</u> Date
Reservoir Surface area <u>4,960</u> acres at El. <u>4445.0</u>	

Furnish one copy of completed form to the Chief Engineer: Attention D-756



F.C.	Flood Control (Total) _____	a.f.	
I.	Irrigation <u>55,340</u> _____	a.f.	}
M. & I.	Municipal and Industrial _____	a.f.	
P.	Power _____	a.f.	
F. & W.	Fish and Wildlife _____	a.f.	
	Other _____	a.f.	
S	Sediment _____	a.f.	C (ACTIVE CONSERVATION AND JOINT USE)

① Includes No a.f. allowance for year sediment deposition between streambed and El. _____ of which _____ a.f. is above El. _____

Reference: Dwg. 112-100-74 1/ Extrapolated
Reclamation Project Data Book

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE 1/

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4424.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4424.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4424.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4424.3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
4424.4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
4424.5	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
4424.6	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
4424.7	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
4424.8	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	2.
4424.9	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	2.
4425.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	2.
4425.1	1.	1.	1.	1.	1.	2.	2.	2.	2.	2.	2.
4425.2	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	3.
4425.3	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	3.
4425.4	2.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.
4425.5	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
4425.6	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	4.
4425.7	3.	3.	4.	4.	4.	4.	4.	4.	4.	4.	4.
4425.8	3.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
4425.9	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	5.
4426.0	4.	5.	5.	5.	5.	5.	5.	5.	6.	6.	5.
4426.1	5.	6.	6.	6.	6.	6.	7.	7.	7.	7.	7.
4426.2	7.	7.	7.	7.	8.	8.	8.	8.	8.	8.	8.
4426.3	8.	8.	9.	9.	9.	9.	9.	9.	9.	9.	10.
4426.4	9.	10.	10.	10.	10.	10.	10.	10.	11.	11.	11.
4426.5	10.	11.	11.	11.	11.	11.	12.	12.	12.	12.	13.
4426.6	12.	12.	12.	12.	13.	13.	13.	13.	13.	13.	14.
4426.7	13.	13.	14.	14.	14.	14.	14.	14.	14.	14.	16.
4426.8	14.	15.	15.	15.	15.	15.	15.	15.	16.	16.	17.
4426.9	15.	16.	16.	16.	16.	16.	17.	17.	17.	17.	19.
4427.0	17.	17.	18.	18.	18.	18.	19.	19.	19.	19.	20.
4427.1	19.	20.	20.	20.	21.	21.	21.	21.	22.	22.	21.
4427.2	22.	22.	23.	23.	23.	23.	24.	24.	24.	24.	22.
4427.3	24.	25.	25.	25.	26.	26.	26.	26.	27.	27.	23.
4427.4	27.	27.	28.	28.	28.	28.	29.	29.	29.	29.	24.
4427.5	29.	30.	30.	30.	31.	31.	31.	31.	32.	32.	25.
4427.6	32.	32.	33.	33.	33.	33.	34.	34.	34.	34.	26.
4427.7	34.	35.	35.	35.	36.	36.	36.	36.	37.	37.	27.
4427.8	37.	37.	38.	38.	38.	38.	39.	39.	39.	39.	28.
4427.9	39.	40.	40.	40.	41.	41.	41.	41.	42.	42.	29.

1/ See "Remarks" on last page of this table.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4428.0	42.	45.	49.	52.	55.	58.	62.	65.	68.	71.	30.
4428.1	74.	78.	81.	84.	88.	91.	94.	97.	101.	104.	89.
4428.2	107.	110.	114.	117.	120.	123.	127.	130.	133.	136.	148.
4428.3	139.	143.	146.	149.	153.	156.	159.	162.	166.	169.	207.
4428.4	172.	175.	179.	182.	185.	188.	192.	195.	198.	201.	266.
4428.5	204.	208.	211.	214.	218.	221.	224.	227.	231.	234.	325.
4428.6	237.	240.	244.	247.	250.	253.	257.	260.	263.	266.	384.
4428.7	269.	273.	276.	279.	283.	286.	289.	292.	296.	299.	443.
4428.8	302.	305.	309.	312.	315.	318.	322.	325.	328.	331.	502.
4428.9	334.	338.	341.	344.	348.	351.	354.	357.	361.	364.	561.
4429.0	367.	378.	388.	399.	410.	420.	431.	442.	452.	463.	620.
4429.1	473.	484.	495.	505.	516.	527.	537.	548.	559.	569.	709.
4429.2	580.	591.	601.	612.	623.	633.	644.	655.	665.	676.	798.
4429.3	686.	697.	708.	718.	729.	740.	750.	761.	772.	782.	887.
4429.4	793.	804.	814.	825.	836.	846.	857.	868.	878.	889.	976.
4429.5	899.	910.	921.	931.	942.	953.	963.	974.	985.	995.	1065.
4429.6	1006.	1017.	1027.	1038.	1049.	1059.	1070.	1081.	1091.	1102.	1154.
4429.7	1112.	1123.	1134.	1144.	1155.	1166.	1176.	1187.	1198.	1208.	1243.
4429.8	1219.	1230.	1240.	1251.	1262.	1272.	1283.	1294.	1304.	1315.	1332.
4429.9	1325.	1336.	1347.	1357.	1368.	1379.	1389.	1400.	1411.	1421.	1421.
4430.0	1432.	1450.	1468.	1485.	1503.	1521.	1539.	1556.	1574.	1592.	1510.
4430.1	1609.	1627.	1645.	1663.	1681.	1698.	1716.	1734.	1752.	1769.	1563.
4430.2	1787.	1805.	1823.	1840.	1858.	1876.	1894.	1911.	1929.	1947.	1616.
4430.3	1964.	1982.	2000.	2018.	2036.	2053.	2071.	2089.	2107.	2124.	1669.
4430.4	2142.	2160.	2178.	2195.	2213.	2231.	2249.	2266.	2284.	2302.	1722.
4430.5	2319.	2337.	2355.	2373.	2391.	2408.	2426.	2444.	2462.	2479.	1775.
4430.6	2497.	2515.	2533.	2550.	2568.	2586.	2604.	2621.	2639.	2657.	1828.
4430.7	2674.	2692.	2710.	2728.	2746.	2763.	2781.	2799.	2817.	2834.	1881.
4430.8	2852.	2870.	2888.	2905.	2923.	2941.	2959.	2976.	2994.	3012.	1934.
4430.9	3029.	3047.	3065.	3083.	3101.	3118.	3136.	3154.	3172.	3189.	1987.
4431.0	3207.	3229.	3252.	3274.	3297.	3319.	3341.	3364.	3386.	3409.	2040.
4431.1	3431.	3453.	3476.	3498.	3521.	3543.	3565.	3588.	3610.	3633.	2080.
4431.2	3655.	3677.	3700.	3722.	3745.	3767.	3789.	3812.	3834.	3857.	2120.
4431.3	3879.	3901.	3924.	3946.	3969.	3991.	4013.	4036.	4058.	4081.	2160.
4431.4	4103.	4125.	4148.	4170.	4193.	4215.	4237.	4260.	4282.	4305.	2200.
4431.5	4327.	4349.	4372.	4394.	4417.	4439.	4461.	4484.	4506.	4529.	2240.
4431.6	4551.	4573.	4596.	4618.	4641.	4663.	4685.	4708.	4730.	4753.	2280.
4431.7	4775.	4797.	4820.	4842.	4865.	4887.	4909.	4932.	4954.	4977.	2320.
4431.8	4999.	5021.	5044.	5066.	5089.	5111.	5133.	5156.	5178.	5201.	2360.
4431.9	5223.	5245.	5268.	5290.	5313.	5335.	5357.	5380.	5402.	5425.	2400.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4432.0	5447.	5473.	5499.	5525.	5551.	5577.	5603.	5629.	5655.	5681.	2440.
4432.1	5707.	5733.	5759.	5785.	5811.	5837.	5863.	5889.	5915.	5941.	2472.
4432.2	5967.	5993.	6019.	6045.	6071.	6097.	6123.	6149.	6175.	6201.	2504.
4432.3	6227.	6253.	6279.	6305.	6331.	6357.	6383.	6409.	6435.	6461.	2536.
4432.4	6487.	6513.	6539.	6565.	6591.	6617.	6643.	6669.	6695.	6721.	2568.
4432.5	6747.	6773.	6799.	6825.	6851.	6877.	6903.	6929.	6955.	6981.	2600.
4432.6	7007.	7033.	7059.	7085.	7111.	7137.	7163.	7189.	7215.	7241.	2632.
4432.7	7267.	7293.	7319.	7345.	7371.	7397.	7423.	7449.	7475.	7501.	2664.
4432.8	7527.	7553.	7579.	7605.	7631.	7657.	7683.	7709.	7735.	7761.	2696.
4432.9	7787.	7813.	7839.	7865.	7891.	7917.	7943.	7969.	7995.	8021.	2728.
4433.0	8047.	8076.	8105.	8134.	8163.	8192.	8221.	8250.	8279.	8308.	2760.
4433.1	8337.	8366.	8395.	8424.	8453.	8482.	8511.	8540.	8569.	8598.	2788.
4433.2	8627.	8656.	8685.	8714.	8743.	8772.	8801.	8830.	8859.	8888.	2816.
4433.3	8917.	8946.	8975.	9004.	9033.	9062.	9091.	9120.	9149.	9178.	2844.
4433.4	9207.	9236.	9265.	9294.	9323.	9352.	9381.	9410.	9439.	9468.	2872.
4433.5	9497.	9526.	9555.	9584.	9613.	9642.	9671.	9700.	9729.	9758.	2900.
4433.6	9787.	9816.	9845.	9874.	9903.	9932.	9961.	9990.	10019.	10048.	2928.
4433.7	10077.	10106.	10135.	10164.	10193.	10222.	10251.	10280.	10309.	10338.	2956.
4433.8	10367.	10396.	10425.	10454.	10483.	10512.	10541.	10570.	10599.	10628.	2984.
4433.9	10657.	10686.	10715.	10744.	10773.	10802.	10831.	10860.	10889.	10918.	3012.
4434.0	10947.	10979.	11010.	11042.	11073.	11105.	11137.	11168.	11200.	11231.	3040.
4434.1	11263.	11295.	11326.	11358.	11389.	11421.	11453.	11484.	11516.	11547.	3064.
4434.2	11579.	11611.	11642.	11674.	11705.	11737.	11769.	11800.	11832.	11863.	3088.
4434.3	11895.	11927.	11958.	11990.	12021.	12053.	12085.	12116.	12148.	12179.	3112.
4434.4	12211.	12243.	12274.	12306.	12337.	12369.	12401.	12432.	12464.	12495.	3136.
4434.5	12527.	12559.	12590.	12622.	12653.	12685.	12717.	12748.	12780.	12811.	3160.
4434.6	12843.	12875.	12906.	12938.	12969.	13001.	13033.	13064.	13096.	13127.	3184.
4434.7	13159.	13191.	13222.	13254.	13285.	13317.	13349.	13380.	13412.	13443.	3208.
4434.8	13475.	13507.	13538.	13570.	13601.	13633.	13665.	13696.	13728.	13759.	3232.
4434.9	13791.	13823.	13854.	13886.	13917.	13949.	13981.	14012.	14044.	14075.	3256.
4435.0	14107.	14141.	14174.	14208.	14242.	14276.	14309.	14343.	14377.	14410.	3280.
4435.1	14444.	14478.	14511.	14545.	14579.	14613.	14646.	14680.	14714.	14747.	3298.
4435.2	14781.	14815.	14848.	14882.	14916.	14950.	14983.	15017.	15051.	15084.	3316.
4435.3	15118.	15152.	15185.	15219.	15253.	15287.	15320.	15354.	15388.	15421.	3334.
4435.4	15455.	15489.	15522.	15556.	15590.	15624.	15657.	15691.	15725.	15758.	3352.
4435.5	15792.	15826.	15859.	15893.	15927.	15961.	15994.	16028.	16062.	16095.	3370.
4435.6	16129.	16163.	16196.	16230.	16264.	16298.	16331.	16365.	16399.	16432.	3388.
4435.7	16466.	16500.	16533.	16567.	16601.	16635.	16668.	16702.	16736.	16769.	3406.
4435.8	16803.	16837.	16870.	16904.	16938.	16972.	17005.	17039.	17073.	17106.	3424.
4435.9	17140.	17174.	17207.	17241.	17275.	17309.	17342.	17376.	17410.	17443.	3442.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4436.0	17477.	17512.	17548.	17583.	17619.	17654.	17689.	17725.	17760.	17796.	3460.
4436.1	17831.	17866.	17902.	17937.	17973.	18008.	18043.	18079.	18114.	18150.	3476.
4436.2	18185.	18220.	18256.	18291.	18327.	18362.	18397.	18433.	18468.	18504.	3492.
4436.3	18539.	18574.	18610.	18645.	18681.	18716.	18751.	18787.	18822.	18858.	3508.
4436.4	18893.	18928.	18964.	18999.	19035.	19070.	19105.	19141.	19176.	19212.	3524.
4436.5	19247.	19282.	19318.	19353.	19389.	19424.	19459.	19495.	19530.	19566.	3540.
4436.6	19601.	19636.	19672.	19707.	19743.	19778.	19813.	19849.	19884.	19920.	3556.
4436.7	19955.	19990.	20026.	20061.	20097.	20132.	20167.	20203.	20238.	20274.	3572.
4436.8	20309.	20344.	20380.	20415.	20451.	20486.	20521.	20557.	20592.	20628.	3588.
4436.9	20663.	20698.	20734.	20769.	20805.	20840.	20875.	20911.	20946.	20982.	3604.
4437.0	21017.	21054.	21091.	21128.	21165.	21203.	21240.	21277.	21314.	21351.	3620.
4437.1	21388.	21425.	21462.	21499.	21536.	21574.	21611.	21648.	21685.	21722.	3638.
4437.2	21759.	21796.	21833.	21870.	21907.	21945.	21982.	22019.	22056.	22093.	3656.
4437.3	22130.	22167.	22204.	22241.	22278.	22316.	22353.	22390.	22427.	22464.	3674.
4437.4	22501.	22538.	22575.	22612.	22649.	22687.	22724.	22761.	22798.	22835.	3692.
4437.5	22872.	22909.	22946.	22983.	23020.	23058.	23095.	23132.	23169.	23206.	3710.
4437.6	23243.	23280.	23317.	23354.	23391.	23429.	23466.	23503.	23540.	23577.	3728.
4437.7	23614.	23651.	23688.	23725.	23762.	23800.	23837.	23874.	23911.	23948.	3746.
4437.8	23985.	24022.	24059.	24096.	24133.	24171.	24208.	24245.	24282.	24319.	3764.
4437.9	24356.	24393.	24430.	24467.	24504.	24542.	24579.	24616.	24653.	24690.	3782.
4438.0	24727.	24766.	24805.	24844.	24882.	24921.	24960.	24999.	25038.	25077.	3800.
4438.1	25115.	25154.	25193.	25232.	25271.	25310.	25349.	25387.	25426.	25465.	3817.
4438.2	25504.	25543.	25582.	25621.	25659.	25698.	25737.	25776.	25815.	25854.	3834.
4438.3	25892.	25931.	25970.	26009.	26048.	26087.	26126.	26164.	26203.	26242.	3851.
4438.4	26281.	26320.	26359.	26398.	26436.	26475.	26514.	26553.	26592.	26631.	3868.
4438.5	26669.	26708.	26747.	26786.	26825.	26864.	26903.	26941.	26980.	27019.	3885.
4438.6	27058.	27097.	27136.	27175.	27213.	27252.	27291.	27330.	27369.	27408.	3902.
4438.7	27446.	27485.	27524.	27563.	27602.	27641.	27680.	27718.	27757.	27796.	3919.
4438.8	27835.	27874.	27913.	27952.	27990.	28029.	28068.	28107.	28146.	28185.	3936.
4438.9	28223.	28262.	28301.	28340.	28379.	28418.	28457.	28495.	28534.	28573.	3953.
4439.0	28612.	28652.	28693.	28733.	28774.	28814.	28855.	28895.	28936.	28976.	3970.
4439.1	29016.	29057.	29097.	29138.	29178.	29219.	29259.	29300.	29340.	29381.	3985.
4439.2	29421.	29461.	29502.	29542.	29583.	29623.	29664.	29704.	29745.	29785.	4000.
4439.3	29825.	29866.	29906.	29947.	29987.	30028.	30068.	30109.	30149.	30190.	4015.
4439.4	30230.	30270.	30311.	30351.	30392.	30432.	30473.	30513.	30554.	30594.	4030.
4439.5	30634.	30675.	30715.	30756.	30796.	30837.	30877.	30918.	30958.	30999.	4045.
4439.6	31039.	31079.	31120.	31160.	31201.	31241.	31282.	31322.	31363.	31403.	4060.
4439.7	31443.	31484.	31524.	31565.	31605.	31646.	31686.	31727.	31767.	31808.	4075.
4439.8	31848.	31888.	31929.	31969.	32010.	32050.	32091.	32131.	32172.	32212.	4090.
4439.9	32252.	32293.	32333.	32374.	32414.	32455.	32495.	32536.	32576.	32617.	4105.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4440.0	32657.	32699.	32741.	32783.	32825.	32867.	32909.	32951.	32993.	33035.	4120.
4440.1	33077.	33120.	33162.	33204.	33246.	33288.	33330.	33372.	33414.	33456.	4137.
4440.2	33498.	33540.	33582.	33624.	33666.	33708.	33750.	33792.	33834.	33876.	4154.
4440.3	33918.	33961.	34003.	34045.	34087.	34129.	34171.	34213.	34255.	34297.	4171.
4440.4	34339.	34381.	34423.	34465.	34507.	34549.	34591.	34633.	34675.	34717.	4188.
4440.5	34759.	34802.	34844.	34886.	34928.	34970.	35012.	35054.	35096.	35138.	4205.
4440.6	35180.	35222.	35264.	35306.	35348.	35390.	35432.	35474.	35516.	35558.	4222.
4440.7	35600.	35643.	35685.	35727.	35769.	35811.	35853.	35895.	35937.	35979.	4239.
4440.8	36021.	36063.	36105.	36147.	36189.	36231.	36273.	36315.	36357.	36399.	4256.
4440.9	36441.	36484.	36526.	36568.	36610.	36652.	36694.	36736.	36778.	36820.	4273.
4441.0	36862.	36906.	36949.	36993.	37037.	37081.	37124.	37168.	37212.	37255.	4290.
4441.1	37299.	37343.	37386.	37430.	37474.	37518.	37561.	37605.	37649.	37692.	4306.
4441.2	37736.	37780.	37823.	37867.	37911.	37955.	37998.	38042.	38086.	38129.	4322.
4441.3	38173.	38217.	38260.	38304.	38348.	38392.	38435.	38479.	38523.	38566.	4338.
4441.4	38610.	38654.	38697.	38741.	38785.	38829.	38872.	38916.	38960.	39003.	4354.
4441.5	39047.	39091.	39134.	39178.	39222.	39266.	39309.	39353.	39397.	39440.	4370.
4441.6	39484.	39528.	39571.	39615.	39659.	39703.	39746.	39790.	39834.	39877.	4386.
4441.7	39921.	39965.	40008.	40052.	40096.	40140.	40183.	40227.	40271.	40314.	4402.
4441.8	40358.	40402.	40445.	40489.	40533.	40577.	40620.	40664.	40708.	40751.	4418.
4441.9	40795.	40839.	40882.	40926.	40970.	41014.	41057.	41101.	41145.	41188.	4434.
4442.0	41232.	41277.	41323.	41368.	41413.	41459.	41504.	41549.	41594.	41640.	4450.
4442.1	41685.	41730.	41776.	41821.	41866.	41912.	41957.	42002.	42047.	42093.	4466.
4442.2	42138.	42183.	42229.	42274.	42319.	42365.	42410.	42455.	42500.	42546.	4482.
4442.3	42591.	42636.	42682.	42727.	42772.	42818.	42863.	42908.	42953.	42999.	4498.
4442.4	43044.	43089.	43135.	43180.	43225.	43271.	43316.	43361.	43406.	43452.	4514.
4442.5	43497.	43542.	43588.	43633.	43678.	43724.	43769.	43814.	43859.	43905.	4530.
4442.6	43950.	43995.	44041.	44086.	44131.	44177.	44222.	44267.	44312.	44358.	4546.
4442.7	44403.	44448.	44494.	44539.	44584.	44630.	44675.	44720.	44765.	44811.	4562.
4442.8	44856.	44901.	44947.	44992.	45037.	45083.	45128.	45173.	45218.	45264.	4578.
4442.9	45309.	45354.	45400.	45445.	45490.	45536.	45581.	45626.	45671.	45717.	4594.
4443.0	45762.	45809.	45856.	45903.	45950.	45997.	46044.	46091.	46138.	46185.	4610.
4443.1	46231.	46278.	46325.	46372.	46419.	46466.	46513.	46560.	46607.	46654.	4627.
4443.2	46701.	46748.	46795.	46842.	46889.	46936.	46983.	47030.	47077.	47124.	4644.
4443.3	47170.	47217.	47264.	47311.	47358.	47405.	47452.	47499.	47546.	47593.	4661.
4443.4	47640.	47687.	47734.	47781.	47828.	47875.	47922.	47969.	48016.	48063.	4678.
4443.5	48109.	48156.	48203.	48250.	48297.	48344.	48391.	48438.	48485.	48532.	4695.
4443.6	48579.	48626.	48673.	48720.	48767.	48814.	48861.	48908.	48955.	49002.	4712.
4443.7	49048.	49095.	49142.	49189.	49236.	49283.	49330.	49377.	49424.	49471.	4729.
4443.8	49518.	49565.	49612.	49659.	49706.	49753.	49800.	49847.	49894.	49941.	4746.
4443.9	49987.	50034.	50081.	50128.	50175.	50222.	50269.	50316.	50363.	50410.	4763.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4444.0	50457.	50506.	50554.	50603.	50652.	50701.	50749.	50798.	50847.	50895.	4780.
4444.1	50944.	50993.	51041.	51090.	51139.	51188.	51236.	51285.	51334.	51382.	4798.
4444.2	51431.	51480.	51528.	51577.	51626.	51675.	51723.	51772.	51821.	51869.	4816.
4444.3	51918.	51967.	52015.	52064.	52113.	52162.	52210.	52259.	52308.	52356.	4834.
4444.4	52405.	52454.	52502.	52551.	52600.	52649.	52697.	52746.	52795.	52843.	4852.
4444.5	52892.	52941.	52989.	53038.	53087.	53136.	53184.	53233.	53282.	53330.	4870.
4444.6	53379.	53428.	53476.	53525.	53574.	53623.	53671.	53720.	53769.	53817.	4888.
4444.7	53866.	53915.	53963.	54012.	54061.	54110.	54158.	54207.	54256.	54304.	4906.
4444.8	54353.	54402.	54450.	54499.	54548.	54597.	54645.	54694.	54743.	54791.	4924.
4444.9	54840.	54889.	54937.	54986.	55035.	55084.	55132.	55181.	55230.	55278.	4942.
4445.0 ^{2/}	55327.	55377.	55428.	55478.	55529.	55579.	55630.	55680.	55731.	55781.	4960.
4445.1	55831.	55882.	55932.	55983.	56033.	56084.	56134.	56185.	56235.	56286.	4977.
4445.2	56336.	56386.	56437.	56487.	56538.	56588.	56639.	56689.	56740.	56790.	4994.
4445.3	56840.	56891.	56941.	56992.	57042.	57093.	57143.	57194.	57244.	57295.	5011.
4445.4	57345.	57395.	57446.	57496.	57547.	57597.	57648.	57698.	57749.	57799.	5028.
4445.5	57849.	57900.	57950.	58001.	58051.	58102.	58152.	58203.	58253.	58304.	5045.
4445.6	58354.	58404.	58455.	58505.	58556.	58606.	58657.	58707.	58758.	58808.	5062.
4445.7	58858.	58909.	58959.	59010.	59060.	59111.	59161.	59212.	59262.	59313.	5079.
4445.8	59363.	59413.	59464.	59514.	59565.	59615.	59666.	59716.	59767.	59817.	5096.
4445.9	59867.	59918.	59968.	60019.	60069.	60120.	60170.	60221.	60271.	60322.	5113.
4446.0	60372.	60424.	60476.	60528.	60581.	60633.	60685.	60737.	60789.	60841.	5130.
4446.1	60893.	60946.	60998.	61050.	61102.	61154.	61206.	61259.	61311.	61363.	5147.
4446.2	61415.	61467.	61519.	61571.	61624.	61676.	61728.	61780.	61832.	61884.	5164.
4446.3	61936.	61989.	62041.	62093.	62145.	62197.	62249.	62302.	62354.	62406.	5181.
4446.4	62458.	62510.	62562.	62614.	62667.	62719.	62771.	62823.	62875.	62927.	5198.
4446.5	62979.	63032.	63084.	63136.	63188.	63240.	63292.	63345.	63397.	63449.	5215.
4446.6	63501.	63553.	63605.	63657.	63710.	63762.	63814.	63866.	63918.	63970.	5232.
4446.7	64022.	64075.	64127.	64179.	64231.	64283.	64335.	64388.	64440.	64492.	5249.
4446.8	64544.	64596.	64648.	64700.	64753.	64805.	64857.	64909.	64961.	65013.	5266.
4446.9	65065.	65118.	65170.	65222.	65274.	65326.	65378.	65431.	65483.	65535.	5283.
4447.0	65587.	65641.	65695.	65749.	65803.	65857.	65910.	65964.	66018.	66072.	5300.
4447.1	66126.	66180.	66234.	66288.	66342.	66396.	66449.	66503.	66557.	66611.	5318.
4447.2	66665.	66719.	66773.	66827.	66881.	66935.	66988.	67042.	67096.	67150.	5336.
4447.3	67204.	67258.	67312.	67366.	67420.	67474.	67527.	67581.	67635.	67689.	5354.
4447.4	67743.	67797.	67851.	67905.	67959.	68013.	68066.	68120.	68174.	68228.	5372.
4447.5	68282.	68336.	68390.	68444.	68498.	68552.	68605.	68659.	68713.	68767.	5390.
4447.6	68821.	68875.	68929.	68983.	69037.	69091.	69144.	69198.	69252.	69306.	5408.
4447.7	69360.	69414.	69468.	69522.	69576.	69630.	69683.	69737.	69791.	69845.	5426.
4447.8	69899.	69953.	70007.	70061.	70115.	70169.	70222.	70276.	70330.	70384.	5444.
4447.9	70438.	70492.	70546.	70600.	70654.	70708.	70761.	70815.	70869.	70923.	5462.

^{2/} Elevation 4445.00 is top of Active Conservation Pool.

CRANE PRAIRIE RESERVOIR
AREA-CAPACITY TABLE

NOV 1971

ELEV (FEET)	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	AREA (ACRES)
4448.0	70977.	71033.	71088.	71144.	71200.	71255.	71311.	71367.	71422.	71478.	5480.
4448.1	71533.	71589.	71645.	71700.	71756.	71812.	71867.	71923.	71979.	72034.	5497.
4448.2	72090.	72146.	72201.	72257.	72313.	72368.	72424.	72480.	72535.	72591.	5514.
4448.3	72646.	72702.	72758.	72813.	72869.	72925.	72980.	73036.	73092.	73147.	5531.
4448.4	73203.	73259.	73314.	73370.	73426.	73481.	73537.	73593.	73648.	73704.	5548.
4448.5	73759.	73815.	73871.	73926.	73982.	74038.	74093.	74149.	74205.	74260.	5565.
4448.6	74316.	74372.	74427.	74483.	74539.	74594.	74650.	74706.	74761.	74817.	5582.
4448.7	74872.	74928.	74984.	75039.	75095.	75151.	75206.	75262.	75318.	75373.	5599.
4448.8	75429.	75485.	75540.	75596.	75652.	75707.	75763.	75819.	75874.	75930.	5616.
4448.9	75985.	76041.	76097.	76152.	76208.	76264.	76319.	76375.	76431.	76486.	5633.
4449.0	76542.	76599.	76657.	76714.	76771.	76829.	76886.	76943.	77001.	77058.	5650.
4449.1	77115.	77173.	77230.	77288.	77345.	77402.	77460.	77517.	77574.	77632.	5667.
4449.2	77689.	77746.	77804.	77861.	77918.	77976.	78033.	78090.	78148.	78205.	5684.
4449.3	78262.	78320.	78377.	78435.	78492.	78549.	78607.	78664.	78721.	78779.	5701.
4449.4	78836.	78893.	78951.	79008.	79065.	79123.	79180.	79237.	79295.	79352.	5718.
4449.5	79409.	79467.	79524.	79582.	79639.	79696.	79754.	79811.	79868.	79926.	5735.
4449.6	79983.	80040.	80098.	80155.	80212.	80270.	80327.	80384.	80442.	80499.	5752.
4449.7	80556.	80614.	80671.	80729.	80786.	80843.	80901.	80958.	81015.	81073.	5769.
4449.8	81130.	81187.	81245.	81302.	81359.	81417.	81474.	81531.	81589.	81646.	5786.
4449.9	81703.	81761.	81818.	81876.	81933.	81990.	82048.	82105.	82162.	82220.	5803.
4450.0 ^{3/}	82277.										5820.

2/ Elevation 4445.00 is top of Active Conservation Pool.

3/ Elevation 4450.00 is top of maximum water surface.

Remarks:

- (1) No new data were collected for the computation of this table.
- (2) Data used in computing this table between elevations 4429.0 and 4445.0 were taken directly from the undated Crane Prairie Reservoir Capacity Table that was in use prior to this one.
- (3) Data used in computing this table between elevations 4424.0-4428.0 and 4445.0-4450.0 were extrapolated from the old table.
- (4) The following statement was copied directly from the table referred to in Remarks 2 and 3.

"Areas above 4430-foot contours planimetered from original plane table topographic sheets of U.S.B.R. surveyed July and August 1914, by W. R. Parkhill. Areas from elevation 4424.5 feet to 4430.0 feet planimetered at half-foot contours from contour map prepared by State Engineer December 1940 from notes of survey made by A. E. Perry in October 1940. Datum is mean sea level. Elevation of fishscreen structure lip 4424.0 feet. Elevation of spillway lip 4445.0 feet. Drainage area 244 square miles."

File

* Reservoir Permit No.

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, Don H. Peoples, Trustee,
(Name of Applicant)

of Bend, County of Deschutes
(Postoffice)

State of Oregon, do hereby make application for a permit to construct the following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

If the applicant is a corporation, give date and place of incorporation

1. The name of the proposed reservoir is Crane Prairie

2. The name of the stream from which the reservoir is to be filled and the appropriation made is West Fork Deschutes River,
tributary of Columbia River

3. The amount of water to be stored is 50,000 acre feet.

4. The use to be made of the impounded water is Irrigation, stock and domestic
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. Twps. 20 & 21 S., R. 7 & 8 E., W. M
(Give sections or townships to be submerged)

Accompanying map shows location of reservoir.

(a) State whether situated in channel of running stream and give character of material at outlet
Situated across channel of running stream. Lava rock under about 3 ft. cemented gravel.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions

6. The dam ^{is} will be located in Sec. 16 & 17,
(Smallest legal subdivision)
Tp. 21 S., R. 8 E., W. M. It will be 24 feet in height,
(No. N. or S.) (No. E. or W.)

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

having a length on top of 236 feet; length on bottom approx. 100 feet;
width on top 15 feet; slope of front or water side 3 to 1; slope on back 1 1/2 to 1;
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)
height of dam above water line when full 7 feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The dam is now constructed is a combination of rock and earth fill.

8. The location of wasteway with dimensions are as follows: 64 ft. long over the dam
(State whether over or around the dam)
double planked with 2" plank over 3" planks. Also a logway through the dam 6 ft.
wide and with the bottom 4 ft. below the crest of the spillway.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: The outlet conduit is of timber, 6 ft. by 6 ft. through the dam
(State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be acres,
with a maximum depth of water of feet; and approximate mean depth of water
..... feet.

11. The estimated cost of the proposed work is \$.....

12. Construction work will begin on or before

13. Construction work will be completed on or before

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Water Board, accompany this application.

Don H Peoples Trustee
(Name of applicant)

Signed in the presence of us as witnesses:

(1) N. G. Wallace, Beed, Oregon
(Name) (Address of witness)

(2) George W Kanoff, Redmond Oregon
(Name) (Address of witness)

Remarks: This application is filed for the purpose of securing a supplemental water supply for the lands within the Central Irrigation District, Crook County Improvement District No. 1 and the Arnold Irrigation Company lands.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before _____, 19_____.

WITNESS my hand this _____ day of _____, 19_____.

STATE ENGINEER

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions:

The right hereunder shall be limited to the storage of _____ acre feet.

The priority date of this permit is _____

Actual construction work shall begin on or before _____

and shall thereafter be prosecuted with reasonable diligence and be completed on or before _____

WITNESS my hand this _____ day of _____, 19_____.

STATE ENGINEER

Application No. R-13179

Reservoir Permit No.

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 9th day of Dec., 1929, at 8:00 o'clock A.M.

Returned to applicant for correction:

Corrected application received:

Approved:

Recorded in Book No. of Reservoirs, on Page

STATE ENGINEER

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STATE OF OREGON

County of Marion

subject to the following limitations and conditions:

The right hereunder shall be limited to the storage of

The priority date of this permit is

and shall thereafter be governed by the provisions of the Constitution and the laws of the State of Oregon.

WITNESS my hand this

day of

19

STATE ENGINEER

WITNESS my hand this

day of

19

Witness my hand and seal

19

19

Remarked: This application is filed for the purpose of securing a supplemental

Improvement District No. 1 and the Arnold Irrigation Company, Inc.

of Marion County, Oregon

for the purpose of securing a supplemental

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of Marion County, Oregon

for the purpose of securing a supplemental

Improvement District No. 1 and the Arnold Irrigation Company, Inc.

of Marion County, Oregon

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for the purpose of securing a supplemental

Improvement District No. 1 and the Arnold Irrigation Company, Inc.

of Marion County, Oregon

Deschutes County

IN THE MATTER OF AN AMENDMENT
TO PERMIT NO. 23256 IN THE NAME
OF THE CENTRAL OREGON IRRIGATION
DISTRICT, TRUSTEE

FINDINGS, CONCLUSIONS AND
ORDER
AMENDING PERMIT

FINDINGS

- 1 -

Application has been made for amendment of permit No. 23256 for use of water stored in Crane Prairie Reservoir, particularly in the matter of the duty of water as fixed in said permit. Permit No. 23256 issued to Central Oregon Irrigation District, trustee, on March 21, 1955, granted the right to appropriate 50,000 acre feet of stored water only, from Crane Prairie Reservoir constructed under permit No. R-1687 for supplemental irrigation of the lands within the Central Oregon Irrigation District, the Arnold Irrigation District and the Crook County Improvement District No. 1, with priority date of February 28, 1913. The duty of water as fixed in the said permit was stated as follows:

"If for irrigation, this appropriation shall be limited to the duty of water as set out in the modified supplemental decree of the circuit court dated March 24, 1933 in the matter of the determination of the relative rights to the use of the waters of the Deschutes River and its tributaries; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein, and shall be further limited to the terms of the interdistrict contract dated January 4, 1938, between the Central Oregon Irrigation District, Crook County Improvement District No. 1 and the Arnold Irrigation Company, and shall be subject to such reasonable rotation system as may be ordered by the proper state officer".

The decree of the circuit court for the County of Deschutes dated March 24, 1933, to which the duty of water as stated in the permit was referred, reads as follows:

CUBIC FEET PER SECOND OF TIME PER ACRE AT DIVERSION

Name of Project	Transmission Losses	April 1 to May 1	May 1 to May 15	May 15 to Sept. 15	Sept. 15 to Oct. 1	Oct. 1 to Nov. 1	Total Acres Feet at River During Season
Arnold Irr. Co.	65%	1 ft. to 51 ac.	1 ft. to 39 ac.	1 ft. to 20.8 ac.	1 ft. to 39 ac.	1 ft. to 51 ac.	15.42
Central Ore. Irr. Co.	45%	1 ft. to 80 ac.	1 ft. to 60 ac.	1 ft. to 32.4 ac.	1 ft. to 60 ac.	1 ft. to 80 ac.	9.91
Deschutes Mun. Imp. Dist. # 1	45%	1 ft. to 80 ac.	1 ft. to 60 ac.	1 ft. to 32.4 ac.	1 ft. to 60 ac.	1 ft. to 80 ac.	9.91
Deschutes Rec. & Irr. Co.	43%	1 ft. to 83 ac.	1 ft. to 62 ac.	1 ft. to 33.45 ac.	1 ft. to 62 ac.	1 ft. to 83 ac.	99.58
Odin Falls Land Co.	0	1 ft. to 150 ac.	1 ft. to 109 ac.	1 ft. to 58.7 ac.	1 ft. to 109 ac.	1 ft. to 150 ac.	5.44
Cline Falls Power Co.	0	1 ft. to 150 ac.	1 ft. to 109 ac.	1 ft. to 58.7 ac.	1 ft. to 109 ac.	1 ft. to 150 ac.	5.44
Grook Cty. Imp. District No. 1 at Lone Pine Weir	35%	1 ft. to 137 ac.	1 ft. to 109 ac.	1 ft. to 86.6 ac.	1 ft. to 109 ac.	1 ft. to 137 ac.	4.20 At Lone Pine Weir

The application for modification of the permit asserts that the total quantity of water granted as shown in the preceding tabulation, being 15.42 acre feet for the Arnold Irrigation District and 9.91 acre feet for the Central Oregon Irrigation District, is adequate as an overall seasonal requirement, but that the distribution by months as fixed in the said tabulation is not satisfactory, particularly that insufficient water is granted for the beginning of the irrigation season extending from April 1 to May 15.

The quantity of water allowed for Creek County Improvement District No. 1 (Lone Pine) is inadequate both in total quantity and seasonal distribution. Support for this finding will be found in the decree of the court immediately following the preceding tabulation, which reads:

"It is further ordered and decreed that the quantity of water appropriated by the Creek County Improvement District No. 1 is insufficient to properly reclaim and irrigate the entire project, 2520 acres, ""

Transmission losses for water delivered to the Lone Pine weir are on the order of 25 per cent.

CONCLUSIONS

Permit No. 23256 deals with the use of stored water only, therefore, no specific seasonal limitation in the quantity to be used is necessary as long as the total amount does not exceed the certain specified duty. The duty of water as fixed in permit No. 23256 should be modified to eliminate specific seasonal limitations to the use of the stored water.

The duty of water as fixed in the said permit should also be modified to lower the duty for stored water for lands within the Creek County Improvement District No. 1 (Lone Pine) to allow the same duty of water on the land as on the lands within the Central Oregon Irrigation District (5.44 acre feet per acre) with transmission losses of 25 per cent.

ORDER

It is ORDERED that the duty of water as fixed by permit No. 23256 issued to Central Oregon Irrigation District, trustee, on March 21, 1955 shall be and the same hereby is amended to read as follows:

If for irrigation, this appropriation shall be limited to 15.42 acre feet per acre for lands covered by the Arnold Irrigation District, 9.91 acre feet per acre for lands covered by the Central Oregon Irrigation District and 7.30 acre feet per acre for lands within the Crook County Improvement District No. 1, measured at the point of diversion from the Deschutes River; provided that the amount of water allowed herein together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein, and shall be further limited to the terms of the interdistrict contract, dated January 4, 1938, between the Central Oregon Irrigation District, Crook County Improvement District No. 1 and the Arnold Irrigation District.

Dated at Salem, Oregon, this 8th day of November 1961.

/s/ LEWIS A. STANLEY
State Engineer

R-13179
13180

April 1, 1955

Central Oregon Irrigation District
Redmond, Oregon

Attention: Mr. J. M. Shively, Secretary

Gentlemen:

R-1687
23256

R-13179
13180

February 24, 1955

Law Offices of
Cunning and Brewster
Redmond, Oregon

Attention: Mr. Geo. H. Brewster

Gentlemen:

In response to your letter of February 21, Application Numbers R-13179 and 13180 of the Central Oregon Irrigation District as trustee for itself, Lone Pine and Arnold, have not been completed. We recently received the corrected acreage list of the lands to be irrigated in the Arnold District and upon rechecking the applications a few discrepancies were noted.

The amended reservoir application which you filed in this office on July 15, 1954 states the uses to which the water is to be applied are supplemental irrigation, domestic and stock while the secondary application lists the use as only supplemental irrigation. Since the domestic and stock uses were allowed the districts in the adjudication, it does not appear it would be necessary to include these uses in the present filing. If this is correct, then the reservoir application can be completed by deleting stock and domestic uses from item 4. Item 6 should also list the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 16 as one of the forty acre tracts in which the dam lies.

Item 4 of the secondary application should be completed by listing the location of the point of diversion which from the map appears to be south 1575 feet from the Northwest corner of Section 16, Township 21 South, Range 8 East, W.M.

The recording fees on the applications have not as yet been paid. Upon receipt of these fees and the above information it appears these applications will be in satisfactory form for issuance of permits. The recording fees for these applications are computed as follows:

February 24, 1955

Reservoir Application

First 100 acre feet	\$ 5.00	
Next 900 acre feet	9.00	
Next 19,000 acre feet	95.00	
Next 30,000 acre feet	<u>30.00</u>	\$139.00

Secondary Application

First 30 acres	\$ 5.00	
Next 70 acres at \$.15 per A.	10.50	
Next 900 acres at .05 per A.	45.00	
Next 51,891 acres at .01 per A.	<u>518.91</u>	<u>\$579.41</u>
		<u>\$718.41</u>

It appears that issuance of a certificate will have to be withheld pending the full irrigation of all of the lands set out in the application. From the information which we have it does not appear that all of this land, at least part of the lands listed in the Arnold Irrigation District have not been irrigated as yet. It is also believed that the land should be irrigated at least once from the reservoir subsequent to the issuance of permits for the use of the stored water prior to the issuance of certificates.

The applications of the North Unit Irrigation District for Wickiup Reservoir have not as yet been approved by issuance of permits. It is our intention to issue these permits as soon as the statutory time in which to appeal the State Engineer's Order has expired.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By
Chris L. Wheeler, Assistant

CLW:eh

August 13, 1954

Law Offices of
Cunning & Brewster
Redmond, Oregon

Attention: Mr. Geo. H. Brewster

Gentlemen:

This will acknowledge receipt of your letter of recent date transmitting the corrected map and list of the irrigated lands of the Central Oregon Irrigation District and list for the Arnold Irrigation District.

In checking the Arnold Irrigation District list with its map, a few discrepancies were noted and listed on the attached sheet. I am also returning the map so that the corrections can be made wherever required.

The amendments to Application No. R-13179 have been made as requested and authorized in your telephone call of August 6, 1954.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Chris L. Wheeler, Assistant

CLW:sk
Enc. Map
Tabulation
Correction List

8-6-54

As taken over telephone from Mr. Geo. Brewster this date.

Maximum height above stream bed - 31 ft. (Ground surface on center line of dam)

Length on top - 285 ft.

Length on bottom - 80 feet

Width of the top - 25 feet

Slope on front or water side - 3 to 1

Slope on back - 2 to 1

Height of dam above water line when full - 10 ft.

Location of wasteway and construction - Open rock cut at northeast end;
25 ft. with 2500 c.f.s. capacity

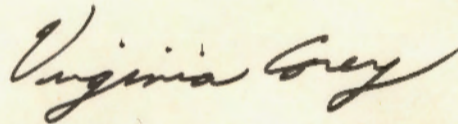
The outlet of the dam are two slide gates 4.8 x 6 ft. with a capacity
of 1800 second feet.

Area submerged when full - 4940 acres

Maximum water depth of 21 feet

Mean depth of 11 feet

Mr. Brewster authorized the State Engineer to include the above
information in Application No. R-13179.



Virginia Corey, Secretary

8-6-54

Mr. Brewster called and dictated the following

to be included in App. # R-13179

~~1st / Corp - 800 2127~~

~~2nd / Corp - 101127~~

~~3rd / Corp~~

~~4th / Corp~~

~~312 700000~~

~~5th / Corp~~

~~6th / Corp 2857~~

~~7th / Corp 8027~~

~~8th / Corp 257~~

~~9th / Corp~~

~~3017~~

~~4008 2017~~

~~5th / Corp~~

~~6th / Corp~~

~~7th / Corp 1374~~

~~8th / Corp~~

~~9th / Corp 2520 250055~~

~~10th / Corp~~

~~11th / Corp~~

~~12th / Corp 48x6~~

~~13th / Corp 1800027~~

~~14th / Corp 4440027~~



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
REGIONAL OFFICE, REGION 1
BOX 937, BOISE, IDAHO

150

AUG 5 - 1954

Mr. Geo. H. Brewster
Attorney for Central Oregon
Irrigation District
Redmond, Oregon

RECEIVED
AUG 9 1954
STATE ENGINEER
SALEM, OREGON

Dear Mr. Brewster:

This is in response to your letter of July 26 requesting certain information to assist you in completing an application for permit relating to Crane Prairie Reservoir which is being filed by the District with the Oregon State Engineer under the Oregon water laws.

The specific information requested by you is as follows:

"The maximum height will be 31 feet above stream bed or ground surface on center line of dam. The length on top will be 285 feet; length on bottom 80 feet; width on top 25 feet; slope of front or water side 3:1 (feet horizontal to 1 vertical); slope on back 2:1 (feet horizontal to 1 vertical); height of dam above water line when full 10 feet."

Subdivision 8:

"The location of wasteway with dimensions are as follows: (State whether over or around the dam) open rock cut at northeast end of dam - 2,500 c.f.s. capacity."

Subdivision 9:

"The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: (All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time.) Slide gates 4.8' x 6.0' - capacity 1,800 c.f.s."

Subdivision 10:

"The area submerged by the proposed reservoir, when full, will be 4,940 acres, with a maximum depth of water of 21 feet; and approximate mean depth of water 11 feet."

As you are aware, the North Unit Irrigation District several years ago worked out with us appropriate applications for permits, both reservoir and secondary diversion permits, as relates to Wickiup Reservoir and diversions on behalf of the project, which applications are now pending before State Engineer Stricklin. Additional material is being provided to Mr. Stricklin and a hearing is to be scheduled to consider a petition filed by the State Fish and Game Commission relating to passage of water through Wickiup Reservoir during the storage season. Since there has been considerable public discussion about this matter, it occurs to us that it may be desirable for the North Unit Irrigation District to be informed of the action of your District in filing now on Crane Prairie Reservoir. Accordingly, we are providing it with a copy of this letter.

Since Crane Prairie Dam and Reservoir were reconstructed by the United States and are located on Federal land, we would be interested in having from you a copy of the permit as it is filed. If you desire, we will provide any further additional information that is needed to assist you in making the filing. Attention is directed particularly to section 537-300, Oregon Revised Statutes, which requires that documentary evidence of an agreement with the owners of the reservoir be shown in connection with applications for reservoir permits. It would seem appropriate, therefore, that among other things the application for permit should include as an exhibit the repayment contract with the Central Oregon Irrigation District dated August 29, 1939. Although I believe Mr. Stricklin's office has already been provided authenticated copies of that agreement, if additional authenticated copies are needed they can be provided. Likewise, we would be interested in being informed as to the priority date or dates that are to be set out in the permits as issued.

If there is any additional information that you desire in connection with this matter, we will provide it to you. We would greatly appreciate having for our records copies of the documents as filed by you and as issued by the State Engineer.

Sincerely yours,

(Signed) Wm. H. Tuller

Assistant Regional Director

Copy to: Mr. Chas. E. Stricklin, State Engineer
North Unit Irrigation District, Madras, Oregon

LAW OFFICES OF
CUNNING & BREWSTER
TELEPHONE: REDMOND 430 OR 431
REDMOND, OREGON

RECEIVED
AUG 2 1954
STATE ENGINEER
SALEM, OREGON

July 31, 1954

*OK received
map*

Mr. Charles E. Stricklin
State Engineer
Water Resources Department
Salem, Oregon

Re: Amended Applications,
Nos. R-13179 and 13180

Attention: Chris L. Wheeler, Assistant

Dear Sir:

After receiving your letter of July 27, 1954, I referred the matter to Mr. Anderson, Superintendent of the District, and he states that he found that the map was in error in some places, and has made corrections. He found that the list was in error as to the fractional lots and has made those corrections.

Now, you have called attention to one error, and that did exist as far as we were concerned, and it existed as far as your report is concerned. On the listing of the errors, you have as follows: Page 3, T. 17 S. R. 12 E. Sec. 35, SE1/4 SE1/4, 35 acres under Pilot Butte Canal is also shown on page 4 under the Central Oregon Canal. There was a duplication, but it was not in Section 35, and was in Section 14.

As to the errors that you refer to as occurring on page 2 of the list, the first ones claimed on the exhibit attached to your letter, we found that the list was wrong and the map was correct, and we are sending you the corrected list.

I have already referred to the second item on your sheet, setting forth the errors and that has been corrected. The double claim is for Section 14, not for Section 35.

As to those alleged errors appearing on page 4, T. 16 S. R. 14 E., Sections 3 and 4, the listing was in error and the map correct. There has been a change made in the listing.

As to the alleged errors in pages 5 and 6, we have found that the list was correct and the map was in error, and the map has been corrected.

I enclose a corrected listing, and will mail you under separate cover the map. I will also enclose the list for the Arnold, although I did leave the list for the Arnold with you when I was down there. I have another list which I will enclose.

Very truly yours,

Geo H Brewster

Geo. H. Brewster

ghb:pn
encs

Arnold I. D.

T.	R.W.M.	Sec	AD	Map	List
18 S	11 E	13	NE SE	10	0
			SE SE	0	10
18 S	13 E	30	NE NW	0	27.5
			NW NW	0	39
			SW NW	0	9
			SE NW	0	15.5
18 S	12 E	4	SE 1/4 & SW 1/4	10	10
			should break the listing & map to the acreage in each		
18 S	12 E	8	SE NE	30.1	30.5
			SW SE	34 & 15	20 & 26.8

~~T. 18 S R. 12 E Sec 20~~

The following discrepancies ^{appear} in the acreage of lots & by 40's in the list & ^{the} totals of the segments

18 S	13 E	Sec 20	net totals	163.7	should be	174.5
18 S	12 E	Sec 8	NE 1/4	tracts total	101.9	
			List as is	102.1		
			List corrected map	108.7		
18 S	12 E	Sec 8	page 17	tracts total	225.96	
			List net info	219.6		

there is also the question regarding SW SE as noted above which may effect the total.

The grand total of map is ^{acreage shown on} 4420.9 acres not including the the questioned acreage in SW SE of Sec. 8, T. 18 S, R. 12 E, W.M.

pg 2 - T R S List Map
 185 11E 13 SESE 10 NESE 10

pg 3 - 185 13E 30
 H.W. Kerns { NE NW 27.5 0
 NW NW 34.0 0
 SW NW 7.0 0
 SE NW 15.5 0
 71.0

pg 4 185 12E 4
 Should show amount in each 40 rather
 than 10 ac in ^{total} SESE - SESEW

v 45 185 12E 8 SESE 20 - 26.8 34 - 15
~~SESE 11.8 - 24.7 11.5 - 24.7~~
 SESE 30.5 30.1

pg 3 - Total on Leslie Aldous doesn't check
 off 10.9 ac
 lot listings do not total the
 same as the 40's involved

ARNOLD IRRIGATION DISTRICT

<u>Township</u>	<u>Range, W.M.</u>	<u>Section</u>	<u>40-Acre</u>	<u>Map</u>	<u>List</u>
18S	11E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	10 0	0 10
18S	13E	30	NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$	0 0 0 0	27.5 39 9 15.5
18S	12E	4	SE $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ SE $\frac{1}{4}$	10	10
Should break the listing & map to the acreage in each 4					
18S	12E	8	SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	30.1 34 & 15	30.5 20 & 26.8

The following discrepancies appear in the acreage of lots & by 40's in the list & the totals of the segments.

18S	13E	20	List totals	163.7	should be 174.5
18S	12E	8	NE $\frac{1}{4}$ tracts total	101.9	
			List as is	109.1	
			List corrected to map	108.7	
18S	12E	8 page 7	Tracts total	225.96	
			List totals	219.6	

There is also the question regarding the SW $\frac{1}{4}$ SE $\frac{1}{4}$ as noted above which may effect the total.

The grand total of acreage shown on map is 4420.9 acres not including the questioned acreage in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 8, T. 18S, R. 12E. W.M.

ARNOLD IRRIGATION DISTRICT

<u>Township</u>	<u>Range, W.M.</u>	<u>Section</u>	<u>40-Acre</u>	<u>Map</u>	<u>List</u>
18S	11E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$ SK $\frac{1}{4}$ SE $\frac{1}{4}$	10 0	0 10
18S	13E	30	NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$	0 0 0 0	27.5 39 9 15.5
18S	12E	4	SE $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ SE $\frac{1}{4}$	10	10
Should break the listing & map to the acreage in each					
18S	12E	8	SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	30.1 34 & 15	30.5 20 & 26.

The following discrepancies appear in the acreage of lots & by 40's in the list & the totals of the segments.

18S	13E	20	List totals	163.7	should be 171
18S	12E	8	NE $\frac{1}{4}$ tracts total	101.9	
			List as is	109.1	
			List corrected to map	108.7	
18S	12E	8 page 7	Tracts total	225.96	
			List totals	219.6	

There is also the question regarding the SW $\frac{1}{4}$ SE $\frac{1}{4}$ as noted above which may effect the total.

The grand total of acreage shown on map is 420.9 acres not including the questioned acreage in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 8, T. 18S, R. 12E. W.M.

July 27, 1954

Mr. George H. Brewster
Attorney at Law
Redmond, Oregon

Dear Mr. Brewster:

The amended applications, Nos. R-13179 and 13180, together with the acreage lists and maps which you left when you were in the office on July 15, 1954 have been carefully checked and a few discrepancies noted between the list and the map of the Central Oregon Irrigation District.

I have noted these discrepancies in pencil on the list and on the attached sheet. Part of the list questioned is your 40-acre tract designation for those fractional lots along the north line of Township 16 South. When listing these fractional lots in a 40 designation it is the practice of this office to list them in the 40 which would exist if the sections were normal and the suggested corrections on the attached sheet are on this basis.

I am returning the list and it would be appreciated if you would check the discrepancies and either correct or verify the list.

The list for the Crook County Improvement District agreed with the map.

In checking, it is noted that you failed to leave the Arnold Irrigation District list.

In checking the lists I note that they are carbon copies and that some of the figures are rather blurred and it is questionable if good photostatic copies can be made therefrom. It would be very much appreciated if the original lists could be submitted with the applications. I am also returning the map under separate cover and if it is in error it should be corrected.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Chris L. Wheeler, Assistant

CLW:dg
Enclosures

CENTRAL OREGON IRRIGATION DISTRICT

	T.	R.	Sec.	List	Acreage	Map	Acreage			
Page 2	16 S.	12 E.	1	NE $\frac{1}{4}$ NE $\frac{1}{4}$	1	SE $\frac{1}{4}$ NE $\frac{1}{4}$	1			
				NW $\frac{1}{4}$ NW $\frac{1}{4}$	4	SW $\frac{1}{4}$ NW $\frac{1}{4}$	4			
				2	NE $\frac{1}{4}$ NE $\frac{1}{4}$	8	SE $\frac{1}{4}$ NE $\frac{1}{4}$	8		
				NW $\frac{1}{4}$ NE $\frac{1}{4}$	8	SW $\frac{1}{4}$ NE $\frac{1}{4}$	8			
				NE $\frac{1}{4}$ NW $\frac{1}{4}$	6	SE $\frac{1}{4}$ NW $\frac{1}{4}$	6			
Page 3	17 S.	12 E.	35	SE $\frac{1}{4}$ SE $\frac{1}{4}$	35	under the Pilot Butte Canal is also shown on page 4 under the Central Oregon Canal				
Page 4	16 S.	14 E.	3	NW $\frac{1}{4}$ NW $\frac{1}{4}$	9	SW $\frac{1}{4}$ NW $\frac{1}{4}$	9			
				4	NE $\frac{1}{4}$ NE $\frac{1}{4}$	31	SE $\frac{1}{4}$ NE $\frac{1}{4}$	31		
				NE $\frac{1}{4}$ NW $\frac{1}{4}$	27	SE $\frac{1}{4}$ NW $\frac{1}{4}$	27			
Page 5	17 S.	13 E.	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	30	NE $\frac{1}{4}$ NW $\frac{1}{4}$	30			
				17 S.	14 E.	15	NE $\frac{1}{4}$ NE $\frac{1}{4}$	28.5	NW $\frac{1}{4}$ NE $\frac{1}{4}$	28.5
				SE $\frac{1}{4}$ NE $\frac{1}{4}$			28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	28	
				NE $\frac{1}{4}$ SE $\frac{1}{4}$			30	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	
				SE $\frac{1}{4}$ SE $\frac{1}{4}$			29	SW $\frac{1}{4}$ SE $\frac{1}{4}$	29	
Page 6	18 S.	14 E.	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$			30	SW $\frac{1}{4}$ NE $\frac{1}{4}$	30	

HOMES - FARMS - RANCHES
BUSINESSES - RESORT PROPERTY
REAL ESTATE LOANS - APPRAISALS

RECEIVED
JUL 15 1954
STATE ENGINEER
SALEM, OREGON

MIDSTATE REALTY CO.

DON H. PEOPLES, REALTOR
106 MINNESOTA AVE. PHONE 495
BEND, OREGON

July 13th, 1954.

Mr. Charles E. Stricklin,
State Engineer,
Salem, Oregon.

Dear Mr. Stricklin:-

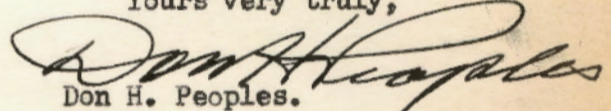
Back in 1929 or 1930 I made a filing for storage rights at Crane Prairie as Trustee for the Central Oregon Irrigation District, the Arnold Irrigation District, and the Crook County Improvement District No. 1.

I now wish to assign all my rights thereunder to the Central Oregon Irrigation District as Trustee for the said three above mentioned districts.

Mr. George Brewster, attorney for the Central Oregon Irrigation District is coming over to see you in regard to this matter.

If it is desirable or necessary to have a more formal assignment than this letter, I shall be glad to execute same. In the meantime, this should clear the way to start such additional proceedings as may be necessary.

Yours very truly,


Don H. Peoples.

Ans. Verbally to
Geo. Brewster
7/15/54

April 30, 1954

Mr. Thomas Boeke
Attorney at Law
Redmond, Oregon

Dear Mr. Boeke:

We are forwarding under separate cover the transparent
Brown Line which you requested of the Crook County Improvement
District No. 1.

Enclosed is our bill for \$0.45, for which you may remit
at your earliest convenience.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Robert D. Best, Assistant

RDB:gk
Enc. 1

R-13179

April 16, 1954

Mr. George Brewster
Attorney at Law
Redmond, Oregon

Dear Mr. Brewster:

Enclosed herewith are the required copies of Applications Nos. R-24920, 24921, R-13179 and 13180, together with our bill in the amount of \$5.00 for which you may remit at your convenience.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Robert D. Best, Assistant

RDB:gt
Enc. 7

R-13179
13180

April 16, 1954

Mr. Thomas Bocke
Attorney at Law
Redmond, Oregon

Dear Mr. Bocke:

Enclosed herewith are the copies of Applications Nos. R-13179 and 13180 which you requested, together with our bill in the amount of \$1.85 for which you may remit at your convenience.

The transparency will be forwarded to you as soon as we receive it from the State Highway Department.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Robert D. Best, Assistant

RDB:gt
Enc. 3

UNITED STATES OF AMERICA,

vs.

NORTH CANAL COMPANY,
a corporation,

Defendant

E-3769

D E C R E E

NOW AT THIS TIME this cause coming on to be heard upon the application of attorney for plaintiff asking for a Decree in this cause, and IT APPEARING TO THE COURT as follows:

That a Bill of Complaint was filed by the plaintiff in the above entitled Court and Cause on the 11th day of August, 1925, alleging that the defendant, North Canal Company, is a corporation; that the United States is the owner of the following described real property situate within the Deschutes National Forest in the State of Oregon, to-wit:

That portion of Townships Twenty (20) and Twenty-one(21) South, Ranges Seven (7) and Eight (8) East of the Willamette Meridian, known as Crane Prairie, and lands adjacent thereto and that upon said lands there was and is valuable merchantable saw timber, the property of the plaintiff; that in September, 1920, the Central Oregon Irrigation Company, the predecessor of the said defendant, filed with the Register of the United States Land Office at Lakeview, Oregon, its application for right-of-way and easement for a reservoir over and upon said lands; that said application was by the said Land Office forwarded to the General Land Office and the Secretary of the Interior for approval and on the 21st day of September, 1921, the defendant succeeded to the rights of the Central Oregon Irrigation Company.

That on the 28th day of January, 1922, the said defendant, North Canal Company, executed certain stipulations with the Secretary of Agriculture of the United States for the protection of the adjoining National Forest lands of the United States, which stipulations provided that the said defendant would pay to the United States the value of the timber cut, damaged, killed or destroyed on said right-of-way and pay to the United States for all damages to the said National Forest caused from breakage, overflow, leaking or seepage

from said canal, reservoir or ditch and for all damages caused to the said National Forest and that the said defendant would construct new roads and trails or other improvements, as required by the Forest Supervisor, to replace the roads, trails and other improvements damages by defendant.

That believing and relying upon the representations made in said application and stipulation, the Secretary of the Interior approved the application and granted the said defendant, North Canal Company, the right to the use of the right-of-way in said application described for the construction, operation and maintenance of canals and reservoir for irrigation purposes.

That thereafter and during the year 1922, the defendant, North Canal Company, entered upon said right-of-way for reservoir as aforesaid, and took possession thereof under the terms of said grant and stipulation, which were made a part thereof, and constructed a dam thereon, to-wit: in Sections Eight (8) and Seventeen (17), Township Twenty-one (21) South, Range Eight (8) East of the Willamette Meridian, for the purpose of impounding the waters of the Deschutes River and did, during the years 1922, 1923, 1924 and 1925, so impound said waters of said Deschutes River, thereby flooding a large portion of the area covered by said right-of-way theretofore granted.

That the said area flooded by reason of the construction of said dam amounted to 4,950 acres, more or less approximately 2,600 of which was covered with brush and timber belonging to the United States, which brush and timber was damaged and killed by said flooding and which flooding destroyed valuable improvements belonging to the United States, consisting of roads, trails and ranger station improvements. That notwithstanding repeated requests and demands made upon the said defendant to comply with the terms of said grant and stipulations herein referred to and set forth, the said defendant failed and neglected to comply with said requests and demands and that by reason of said failure to comply with its obligations, the said defendant, North Canal Company, forfeited all its right, title or interest in and to said right-of-way and grant and that said grant and right-of-way for reservoir, dam and canal purposes should be cancelled and set aside.

That on the first day of September, 1925, the said North Canal Company appearing in this Court by its attorney, Oswald West, filed a stipulation .

in said cause wherein it was agreed and stipulated that the allegations of the Bill of Complaint in said cause are true and are taken to be confessed by the said defendant, North Canal Company, and that the plaintiff in said cause is entitled to the relief demanded in said complaint. Said stipulation provided that a decree in said cause should not be entered until the first day of June, 1929; said stipulation further provided that if the defendant should not comply with the terms of said stipulation and do and perform the obligations and agreements therein contained, that judgment and decree should be taken and entered against the said defendant, North Canal Company, cancelling, and annulling said grant and right-of-way and as liquidated damages against the said defendant for the sum of \$36,000, as a sum necessary to be expended in clearing said area; and for the further sum of \$4,665.42 as liquidated damages to timber and other damages caused by overflow of said area, and

IT FURTHER APPEARING TO THE COURT that on the 3rd day of June, 1929, a further stipulation was entered into, signed and filed by the said defendant, North Canal Company, by its attorney, Oswald West, further stipulating and agreeing to do and perform certain acts and obligations set out in said stipulation on or before December 1, 1929, or in the event of not performing the terms and conditions of said stipulation on or before December 1, 1929, that judgment and decree shall be taken against the said North Canal Company for the sum of \$36,000 as aforesaid, and for the further sum of \$4,665.42 as aforesaid, and that the decree of this Court be entered forfeiting, cancelling, annulling and setting aside the said grant and enjoining all persons claiming by, under or through the said defendant, North Canal Company, from asserting any right, title or interest in and to the said grant or any part thereof, and

IT FURTHER APPEARING TO THE COURT that on the 27th day of May, 1929, the Crook County Improvement District No. 1, N. G. Wallace and George G. Segwick, filed in this Court and cause a petition of intervention and application for temporary injunction and that this Court on the said 27th day of May, 1929, made an order on said petition, which said order was in effect only until the time of entering final decree herein, and

IT FURTHER APPEARING TO THE COURT that the said Crook County Improvement District No. 1, the said N. G. Wallace and the said George G. Segwick have been duly notified of the application of plaintiff for decree herein and that the said parties nor any of them have appeared and opposed the entering of the decree as prayed for by the plaintiff, and

IT FURTHER APPEARING TO THE COURT that on the _____ day of December, 1929, a motion was served upon the said defendant, North Canal Company, by delivering a copy of the same to its attorney, Oswald West, reciting that the plaintiff would apply to the Court for a decree in accordance with said agreement and stipulation and as a part of said motion, affidavits were filed and served showing that the said defendants had failed, neglected and refused to carry out or perform any of terms or conditions of said stipulation and that the plaintiff is entitled to the relief prayed for in said complaint, and

IT FURTHER APPEARING TO THE COURT that no appearance has been made by the defendant and no cause shown why a decree should not be entered in accordance with said stipulation, and the Court at this time being fully advised in the premises, finds that the allegations of said complaint are true and that the plaintiff is entitled to the relief prayed for in said complaint.

IT IS, THEREFORE, ORDERED ADJUDGED AND DECREED that the right-of-way and grant mentioned in the foregoing complaint and stipulation to the said defendant, North Canal Company, be cancelled, annulled, set aside and held for naught and that the said defendant, North Canal Company, and all persons claiming by, through or under it be divested of all right, title, interest or estate in and to said grant or right-of-way or any interest of whatever kind or nature that they, or any of them, may assert thereto by reason of said grant or right-of-way as set forth in the pleadings in this suit.

IT IS FURTHER ORDERED, ADJUDGED and DECREED that the plaintiff have and recover judgment against the said defendant in accordance with the stipulation on file in said cause for the sum of \$36,000 liquidated damages,

as the sum necessary to be expended in clearing said area; and for the further sum of \$4,665.42 as liquidated damages to timber and other damages caused by overflow of said area and for the costs and disbursements of this suit.

District Judge.

Entered Monday Dec. 16th, 1929.

STATE ENGINEER
RECEIVED
MAR 26 1930
SALEM, OREGON

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
WASHINGTON

JKR

MAR 22 1930

IN REPLY PLEASE REFER TO

Roseburg 017163-018902 "F" JKR
Lakeview 011591

Very respectfully,
Central Oregon Irrigation Co. : Advice.

Luper

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

My dear Sir:

Reference is had to your letter of March 5, 1930, relative to the application of Don H. Peoples for right of way for the Granite Prairie reservoir site under serial Roseburg 018902, embracing certain lands within the Roseburg, Oregon, land district, which application conflicts with that right of way granted to the Central Oregon Irrigation Company on January 21, 1922, under the act of March 3, 1891 (26 Stat. 1095).

You reported that this right of way granted to the Central Oregon Irrigation Company has been forfeited by court decree.

The Department of Justice has been called upon to furnish this office with appropriate record in the

UNRECORDED
Roseburg 017163-018902 "T" JKR
Lakeview 011591

case and further action on Mr. Peoples' application
will be taken when such record has been furnished by
the Department of Justice.

Very respectfully,

Ed Moore
Commissioner.

3-14 mvd

2

af. —

February 18, 1930.

Commissioner of the General Land Office,
Washington, D. C.

Dear Sir:-

It has been brought to our attention that the documents and maps transmitted by this department to the Land Office at Roseburg, Oregon, in connection with the application of Don H. Peoples, Trustee, for right of way or permit to store water in the Crane Prairie Reservoir, Deschutes County, Oregon, and given Serial No. 018902 by the local office, have been filed with your department and action thereon is being deferred until said application has been completed.

An attempt was made late last fall to make the survey of the reservoir site for the purpose of filing an application in conformity with the rules and regulations of your department. The party had no more than arrived on the ground until they were compelled to leave on account of snow conditions. As a consequence, it will be impossible to make this survey until weather conditions permit, which will probably be in May or June.

Your records will show that a permit for the use of this same reservoir site applied for by Mr. Peoples was granted to the North Canal Company and a temporary dam thereafter constructed. (See file -- Portland 6958-Lakeview, 011591 "F" MN.) The permit, however, was cancelled as the company failed to clear the timber from the flooded area as required.

This office is particularly interested in the present application covering the reservoir site and now pending approval. The prospects for water next year are not any too good and in all likelihood there will be a shortage. There are three irrigation projects which will be affected by the application made by Mr. Peoples, and unless they are able to receive the benefits of the waters which might be stored in the Crane Prairie Reservoir, it is very likely that their crops will be materially damaged. On account of the large number of people who will be affected and the seriousness of the situation, this office is taking special interest in this matter and endeavoring to do all that is possible to assist the projects which are attempting to have the application approved and an easement or right of way granted for their use.

The survey is being made under the direction of our department and will be completed as soon as practical. We would appreciate very

2/18/30

much if you would advise us as to whether or not the application is incomplete in any other respects and if so, what is necessary to perfect the same. We would also like to know if it would be possible to obtain a special use permit until more complete data can be furnished. It is desired to do all that is possible to prevent anyone from making an application covering the reservoir site which would be preferred to the one now before your department and thereby defeat the rights that might be perfected under the Peoples' application. Any advise that you might give us which would protect the interest of the applicants will be greatly appreciated.

Thanking you for your cooperation in this matter, I am

Respectfully yours,

RHEA LUPER,
State Engineer.

WFC:H

It appears as though our letter of transmittal to the Land Office at Roseburg was not forwarded to the General Land Office, and under the circumstances it seems as though your suggestion is very good. I am enclosing herewith a copy of the letter which I have sent to the Washington office and hope that it will be of some help.

Thanking you for calling my attention to this matter and assuring you that we will do our best to cooperate in any way possible that the application may be perfected, I am

Yours very truly,

Encl.
WFC:H

W. F. CUSHY,
Assistant.

February 18, 1930.

February 18, 1930

Mr. Rhea Inger
State Engineer

Mr. N. G. Wallace,
Attorney At Law,
Bend, Oregon.

cc: Mr. Fred Coshov

Dear Mr. Wallace:-

I have your letter of recent date in regard to the application for right of way at Crane Prairie for the storage of water.

It appears as though our letter of transmittal to the Land Office at Roseburg was not forwarded to the General Land Office, and under the circumstances it seems as though your suggestion is very good. I am enclosing herewith a copy of the letter which I have sent to the Washington office and hope that it will be of some help.

Thanking you for calling our attention to this matter and assuring you that we will do our best to cooperate in any way possible that the application may be perfected, I am

Yours very truly,

Encl.
WFC:H

W. F. COSHOW,
Assistant.

Yours very truly,

N. G. Wallace

N. G. Wallace

LAWYER
Bend, Oregon

ENGINEER
RECEIVED
FEB 15 1930
SALEM, OREGON

February 13, 1930

Mr. Rhea Luper
State Engineer
Salem, Oregon

Attention: Mr. Fred Coshow

Dear Fred:

We are in receipt of a letter from the Land Office at Roseburg, dated February 10, 1930, from which we take the following:

"We are this day in receipt of a letter from the Commissioner of the General Land Office at Washington, D. C., stating that the papers and maps filed in connection with the Crane Prairie Reservoir Site have been filed in that office, awaiting the filing of a complete application."

I assume he has in mind a description by metes and bounds of the lands which we propose to occupy and this, of course, cannot be furnished until such time as it is possible to get on the ground with a surveying party. I believe if your office would address a letter directly to the General Land Office at Washington, citing the principle matters involved and requesting that the matter be held up until it can be done, that it would be quite helpful. I would like to have your reaction to this suggestion.

Yours very truly,

N. G. Wallace

N. G. Wallace

NGW:HL

H. H. DE ARMOND
County Judge

DESCHUTES COUNTY
STATE OF OREGON
COUNTY JUDGE
December 30, 1929.

STATE EXAMINED
RECEIVED
DEC 31 1929
SALEM, OREGON

December 21, 1929

Mr. W. F. Coshow
Salem, O.
Dear Sir:

Mr. H. H. DeArmond,
County Judge,
Bend, Oregon.

Dear Mr. DeArmond:
I thank you for your letter of December 13 concerning lands under the Carey Act upon which the County has foreclosed. I would like to have your present matter taken up every Wednesday which will be on the 21st, advising that your County Court will meet on January 2nd. It would not be convenient for us to be present at that time but could do so on Wednesday the 6th. Will you please let us know in case the Court does not meet on this date, so that we can arrange for a later time.

Very truly yours,

Yours very truly,

W. F. Coshow

W. F. COSHOW,
Assistant.

HBD:R

WFC:H

DESCHUTES COUNTY

STATE OF OREGON

OFFICE OF COUNTY JUDGE

BEND, OREGON

CITY ENGINEER
RECEIVED
DEC 23 1929
SALEM, OREGON

December 21, 1929

Mr. W. F. Coshow
Salem, Oregon

Dear Sir:

Replying to your letter of December 13 concerning lands under the Carey Act upon which the County has foreclosed. Would be glad to have you present this matter to the Court at the first meeting in January, which will be on January 2. Incidentally, we meet every Wednesday and when you get it here it will be taken up promptly.

Very truly yours,

J. H. D. Lambert

HHD:R

December 23, 1929.

The General Land Office,
Roseburg, Oregon.

Gentlemen:

I am transmitting herewith application of Don H. Peoples, Trustee, for a right of way or permit for the use of government land in creating storage in the Crane Prairie Reservoir site in Deschutes County.

A critical situation exists in that locality this season due to the water shortage, and we are cooperating with the three projects already colonized and settled, which are short of water and which desire to acquire storage facilities that will supplement their rights from the direct flow of the Deschutes River. We feel that public interest will best be served if storage of water in Crane Prairie Reservoir is permitted for the use of the Arnold Irrigation Company, the Crook County Improvement District Number One, and the Central Oregon Irrigation District, since these projects are all in operation and all will probably be short of water sufficient for their needs during the next irrigation season.

We realize that the application transmitted herewith is incomplete but trust that you will suspend action until data may be submitted which complies with your requirements. At the present time it is the intention of the parties to have a survey made of the reservoir site, but due to weather conditions it is impossible to comply with this regulation and ask that we be permitted to file complete maps this spring.

Yours very truly,

Encl.
RL:H

RHEA LUPER,
State Engineer.

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

RECEIVED
DEC 23 1929
SALEM, OREGON

The Dalles, Oregon.
Dec. 20, 1929.

Mr. Rhea Buper, State Engineer,
Salem, Oregon.

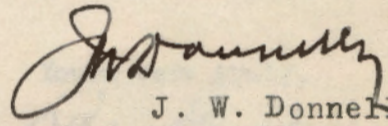
Sir:-

A representative of your office left with us a right of way application for the Crane Prairie Reservoir Site in Deschutes County.

In checking the papers over we find that the land involved is not in this land district. The **partion** of the application in T. 20 S., Ranges 7 and 8 East is in the Roseburg Land District and the portion in T. 21 S., Ranges 7 and 8 East is in the Lakeview Land District.

We are therefore returning the papers to you for their proper distribution.

Yours very truly,


J. W. Donnelly
Register.

Copy to Don H. Peoples, Trustee,
Bend, Oregon.

December 14, 1929.

The General Land Office,
The Dalles, Oregon.

Gentlemen:

I am transmitting herewith application of Don H. Peoples, Trustee, for a right of way or permit for the use of government land in creating storage in the Crane Prairie Reservoir site in Deschutes County.

A critical situation exists in that locality this season due to the water shortage, and we are cooperating with the three projects already colonized and settled, which are short of water and which desire to acquire storage facilities that will supplement their rights from the direct flow of the Deschutes River. We feel that public interest will best be served if storage of water in Crane Prairie Reservoir is permitted for the use of the Arnold Irrigation Company, the Crook County Improvement District Number One, and the Central Oregon Irrigation District, since these projects are all in operation and all will probably be short of water sufficient for their needs during the next irrigation season.

We realize that the application transmitted herewith is incomplete but trust that you will suspend action until data may be submitted which complies with your requirements. At the present time it is the intention of the parties to have a survey made of the reservoir site, but due to weather conditions it is impossible to comply with this regulation and ask that we be permitted to file complete maps this spring.

Encl.
RL:H

Yours very truly,

Rhea Luper
RHEA LUPER,
State Engineer.

December 30, 1929.

The General Land Office,
Mr. Robert E. Crawford, Acting Register,
Roseburg, Oregon.

Gentlemen:

018902

This will acknowledge receipt of your letter of December 24th, advising that you have transmitted the papers filed in connection with a right-of-way at Crane Prairie reservoir site, located in Townships 20 and 21 South, Ranges 7 and 8 East, W.M., to the General Land Office at Washington, D.C.

We thank you for your prompt action in this matter and will appreciate being advised of further developments.

Yours very truly,

RHEA LUPER,
State Engineer.

WFC:H

By W. F. Coahow, Ass't.

GENERAL LAND OFFICE

Roseburg, Oregon, December 24, 1929.

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

STATE ENGINEER
RECEIVED
DEC 26 1929
SALEM, OREGON

Dear Sir:-

We are in receipt from you this day of papers in connection with application for right of way or easement for the Crane Prairie Reservoir site in Tps 20 and 21, Ra 7 and 8 East. We have assigned this application Serial No. 018902 and are this day transmitting all the papers to the General Land Office at Washington, D. C. for action.

Respectfully,

Robert E. Crawford
Acting Register.

December 14, 1929.

The General Land Office,
The Dalles, Oregon.

Gentlemen:

I am transmitting herewith application of Don H. Peoples, Trustee, for a right of way or permit for the use of government land in creating storage in the Crane Prairie Reservoir site in Deschutes County.

A critical situation exists in that locality this season due to the water shortage, and we are cooperating with the three projects already colonized and settled, which are short of water and which desire to acquire storage facilities that will supplement their rights from the direct flow of the Deschutes River. We feel that public interest will best be served if storage of water in Crane Prairie Reservoir is permitted for the use of the Arnold Irrigation Company, the Crook County Improvement District Number One, and the Central Oregon Irrigation District, since these projects are all in operation and all will probably be short of water sufficient for their needs during the next irrigation season.

We realize that the application transmitted herewith is incomplete but trust that you will suspend action until data may be submitted which complies with your requirements. At the present time it is the intention of the parties to have a survey made of the reservoir site, but due to weather conditions it is impossible to comply with this regulation and ask that we be permitted to file complete maps this spring.

Yours very truly,

Encl.
RL:H

WHEA LUPER,
State Engineer.

December 14, 1929.

The General Land Office,
The Dalles, Oregon.

Gentlemen:

I am transmitting herewith application of Don H. Peoples, Trustee, for a right of way or permit for the use of government land in creating storage in the Crane Prairie Reservoir site in Deschutes County.

A critical situation exists in that locality this season due to the water shortage, and we are cooperating with the three projects already colonized and settled, which are short of water and which desire to acquire storage facilities that will supplement their rights from the direct flow of the Deschutes River. We feel that public interest will best be served if storage of water in Crane Prairie Reservoir is permitted for the use of the Arnold Irrigation Company, the Crook County Improvement District Number One, and the Central Oregon Irrigation District, since these projects are all in operation and all will probably be short of water sufficient for their needs during the next irrigation season.

We realize that the application transmitted herewith is incomplete but trust that you will suspend action until data may be submitted which complies with your requirements. At the present time it is the intention of the parties to have a survey made of the reservoir site, but due to weather conditions it is impossible to comply with this regulation and ask that we be permitted to file complete maps this spring.

Yours very truly,

Encl.
RL:H

RHEA LUPER,
State Engineer.

D. H. PEOPLES
GENERAL INSURANCE :: LOANS
BEND, OREGON

STATE ENGINEER
RECEIVED
DEC 10 1929
SALEM, OREGON

December 9th, 1929.

To The General Land Office,
The Dalles,
Oregon.

Gentlemen:-

I am transmitting herewith the following papers to be filed with the Secretary of the Interior for the purpose of securing a right-of-way and easement at Crane Prairie, Deschutes County, Oregon: Applications No. 13180 and 13179, records showing the flow of the Deschutes River at the Crane Prairie dam for the years of 1925, 1926, 1927 and 1928; maps prepared showing the topography of the reservoir site; certificates from the Trustees for the water users; a certificate of the Secretary of State to the effect that there has been no changes in the laws pertaining to irrigation since the last session of the legislature, March 4th, 1929; a certified copy of the decree cancelling the North Canal easement at the Crane Prairie reservoir.

Please consider this letter, together with these various documents, an application to the Secretary of the Interior for easement and right-of-way at Crane Prairie, Deschutes County, Oregon, for the purpose of storing within the red line indicated on the maps the waters mentioned in the applications.

Please forward this record to the general land office, Washington, D. C., at your earliest convenience.

Very truly yours,

Don H. Peoples
Trustee
Don H. Peoples, Trustee.

DHP:MRK.

N. G. WALLACE
LAWYER
Bend, Oregon

STATE ENGINEER
RECEIVED
DEC 10 1929
SALEM, OREGON

December 9th, 1929.

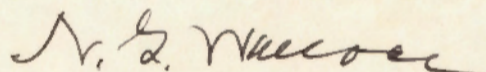
Mr. W. F. Coshow,
Assistant State Engineer,
Salem, Oregon.

Dear Fred:-

I am inclosing herewith two original letters from Don H. Peoples, Trustee, addressed to the General Land Office, The Dalles, covering the matters which we discussed this morning by telephone. I have taken the liberty of making some slight changes and additions, and have done this after conference with Mr. DeArmond. I hope you will find these letters in proper form and that the decree will be entered Wednesday, at which time these papers will all be deposited with the Land Office at The Dalles.

We appreciate the interest which your office has shown in this matter, and should anything develop, we will expect to hear from you.

Yours very truly,



N. G. Wallace.

NGW:MRK.

N. G. WALLACE
LAWYER
Bend, Oregon

STATE ENGINEER
RECEIVED
DEC 9 1929
SALEM, OREGON

Dec. 7th, 1929.

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

Dear Rhea:-

There is inclosed herewith executed applications for reservoir and appropriations and in accordance with your instructions I am returning the maps and the flow record. There is also attached Check dated today, No. 858 Central Oregon Bank, signed by H. H. DeArmond for the sum of \$12, \$2.00 for certificates of Secretary of State ~~of~~ and \$5.00 each on the applications. You will notice on the application for appropriation that I have added the second diversion point showing not only the North Canal diversion by the Arnold diversion. I am also inclosing two copies of certificate from D. H. Peoples, trustee.

I understand that your office will make the necessary representations to the Interior Department for the easement and right-of-way at Crane Prairie. Should there be any difficulty in this matter on other instruments to be executed please get in touch with us Monday afternoon, as I will be away Tuesday and Wednesday. I hope you will find these papers in order and the matter can be crowded along, as we desire to have this matter released through the local paper Monday afternoon if possible.

Yours very truly,

N. G. Wallace

N. G. Wallace.

NGW:MRK.

Lynch & Roberts

Peoples

January 8, 1930.

REDMOND, OREGON.

Honorable W. H. Luper,
Salem Ore.

Dear Mr. Luper,

Mr. M. A. Lynch, Redmond, Oregon, noticed some newspaper stories regarding the Crane Prairie which do not sound any too good to me as a land owner in the Lone Pine district, and would like to ask if you know the situation and also if it will be necessary for the Lone Pine to make other applications for water.

Dear Mr. Lynch:-- This will acknowledge receipt of your letter relative to the storage of water in Crane Prairie for use by the Lone Pine Irrigation District, and asking whether or not it will be necessary for the Lone Pine District to make an application for water.

Please be advised that it will not be necessary for the Lone Pine District to make application at this time for a permit to store water. An application has been filed by Don H. Peoples, Trustee for the Lone Pine, Central Oregon Irrigation Districts, and Arnold Irrigation Company. The purpose of this application was to furnish the Interior Department some evidence of a water right, as this is one of the requirements by the Interior Department before it will grant an easement for the storage of water.

It will doubtless be necessary for the State Engineer to make an allotment of water to be stored in Crane Prairie Reservoir for the use of the three districts. However, when this time comes, you will be advised and can then submit your application on behalf of the district. I do not believe that you have any cause to worry over the inability of the Lone Pine District to secure the necessary storage of water in Crane Prairie, as this district will doubtless be taken care of.

Yours very truly,

C. E. STRICKLIN,
Assistant State Engineer.

CES:H

Lynch & Roberts
THE QUALITY STORE

REDMOND, OREGON.

RECEIVED
JAN - 8 1930
ALEM, OREGON
1/7/30

Honorable Rhea Luper,
Salem Ore.

Dear Mr Luper,

I have noticed some newspaper stories regarding the North Canal Co and Crain Prarie which do not sound any too good to me as a land owner in the Lone Pine district and would like to ask if you know any thing about the situation and also if it will be necessary for the Lone Pine to make other applications for water. Thanking you in advance for this information I beg to remain

Very truly Yours,

M A Lynch

December 30, 1929.

Mr. N. G. Wallace,
Lawyer,
Bend, Oregon.

Dear Mr. Wallace:-

Many thanks for your letter of December 23rd and the enclosed check covering the cost of the certified copy of the North Canal Company's decree. The papers which covered the easement for Crane Prairie right-of-way were returned to us by The Dalles Land Office, with a letter stating that the matter was not within its jurisdiction. We immediately forwarded them to the Roseburg office and have since received word to the effect that the record had been forwarded to the Washington office. It appears as though the reservoir is located partly within the jurisdiction of the Roseburg office and partly within the Lakeview office. I assume that either place could properly handle it. As soon as we hear from the Department of the Interior as to what action has been taken, we will advise you.

Expect Mr. Luper or myself will be in Bend on Wednesday, January 8th, to meet with the County Court in regard to taxation of Carey Act lands located within the Tualala District.

Very truly yours,

W. F. COSHOW,
Assistant.

WFC:H

N. G. WALLACE

LAWYER
Bend, Oregon

STATE ENGINEER
RECEIVED
DEC 24 1929
SALEM, OREGON

December 23, 1929

Mr. W. F. Coshow
% State Engineer
Salem, Oregon

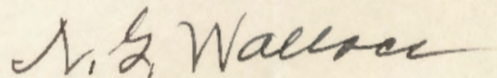
Dear Fred:

I have your letter of the 20th in reference to the amount paid for certified copy of Decree. I thank you very much for taking care of this matter and am inclosing you herewith my personal check in the sum of \$1.35 to cover the amount.

After these papers were forwarded, it occurred to me that the application should be filed at Lakeview. I do not know whether this occurred to you or not. Perhaps the Land Office at The Dalles took care of the matter. I would be glad if your office would keep me posted as to the progress made and if you have returns from the application, let me know.

I hope you will spend an enjoyable holiday season and that the New Year will be full of all the good things.

Yours very truly,



N. G. Wallace

NGW:HL

CENTRAL BOARD
W. O. HALL, CHAIRMAN, Prineville
W. B. TUCKER, VICE-CHAIRMAN, Prineville
S. D. MUSTARD, Powell Butte
L. J. POWELL, Prineville, S. F. D.
H. F. SEVERANCE, Pandem

SECRETARY'S OFFICE
J. E. STRICKLIN, SECRETARY
1000 STATE STREET, SEASIDE, OREGON

CROOK COUNTY SCHOOLS

COUNTY UNIT PLAN

*File with
San Peoples*

PRINEVILLE, OREGON
January 3, 1930.

December 31, 1929.

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

My dear Mr. Luper:

Mr. J. E. Myers,
Secretary, Powell Butte Irrigation District,
Prineville, Oregon.

Dear Mr. Myers:-

This will acknowledge receipt of your letter addressed to Mr. Luper, relative to securing an allotment of water for storage in Crane Prairie Reservoir for the use of your district.

The studies made of the storage in Crane Prairie Reservoir indicate that the practical limitation of storage will be approximately 50,000 acre feet. It will require about this quantity of water to take care of the needs of the Crook County Improvement District, the Central Oregon Irrigation District, and the Arnold Irrigation Company. While I have not discussed this question with Mr. Luper, it would seem to me to be inadvisable to allot a greater quantity of water than has been demonstrated that it is economical to store.

J. E. Stricklin
Yours very truly,

C. E. STRICKLIN,
Assistant State Engineer.

JEM:G
CES:H

PRINEVILLE, OREGON

December 21, 1929.

Hon. Rhea Luper,
State Engineer,
Salem, Oregon.

STATE ENGINEER
RECEIVED
DEC 23 1929
SALEM, OREGON

My dear Mr. Luper:

Some years ago I made application to your predecessor, Percy A. Cupper, for water for the Powell Butte Irrigation District, to be supplied by storage water from the waters of Crane Prairie.

Now, since West and his crowd seem to have lost out on their scheme for irrigation projects, in behalf of the Powell Butte Irrigation District, I wish to renew our former application. It is our desire that we be considered in the disposal of said storage waters. If you think it proper for us to make formal application on special blanks from your office we shall do so, if you think it advisable.

No doubt you have information in your office in reference to the surveys, plats, etc of our district, and the fact that a bond has already been voted to be used whenever it seemed feasible.

Yours very truly,

Powell Butte Irrigation District.

By *J. E. Myers*
Secretary.

JEM:G

STATE ENGINEER
RECEIVED
DEC 23 1929
SALEM, OREGON

December 30, 1929.

Route A
Redmond, Oregon
December 17, 1929

State Engineer
Salem, Oregon

Mr. C. L. Whittmore,

Dear Sir: Route A,
Redmond, Oregon.

Having entered into a contract with the North Canal

Dear Sir:

Company for the purchase of a water right for SW ^{1/4} Sec. 12 Twp. 16

S. R. to your contract with the North Canal Company for the purchase of a water right to be used on the SW ^{1/4} NW ^{1/4}, Section 12, Township 16 South, Range 12 East, W.M. storage, providing the direct flow

supply should Mr. West has called our attention to the fact that some six hundred acres of the North Canal lands, of which yours is a part, should be considered in making the allotment to the various irrigation interests who expect to store water at Crane Prairie. It occurs to us that this land is in the same position as that of the Crook County Improvement District, and will be given a right to store water to meet their needs. It is not expected that the matter of dividing the waters will be finally acted upon until the Supreme Court has handed down its decision in the matter of the determination of the relative rights to the use of the waters of the Deschutes River.

Respectfully,
Yours very truly,

RHEA LUPER,
State Engineer. *C. L. Whittmore*

WFC:H

By W. F. Coshaw, Ass't.

DEC 23 1929
SALEM, OREGON

Route A
Redmond, Oregon
December 17, 1929

State Engineer
Salem, Oregon

Dear Sir:

Having entered into a contract with the North Canal Company for the purchase of a water right for SW^{1/4} ¹²⁻²⁴⁻⁴ Sec. 12 Tp. 16 S. R. 12 E., which contract, approved by the State Board, called for water from Crane Prairie storage, providing the direct flow supply should be impaired as a result of the pending adjudication, I hereby request that in any arrangements made for the allotment and storage of water at Crane Prairie for irrigation purposes that reservations be made for the 600 acres of North Canal lands served by the Pilot Butte Canal and of which my lands are a part.

Respectfully,

C. L. Whittensone

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable sign above or preceding the address.

WESTERN UNION

SIGNS

- DL = Day Letter
- NM = Night Message
- NL = Night Letter
- LCO = Deferred Cable
- NLT = Cable Letter
- WLT = Week-End Letter

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 437 State Street, Salem, Oregon

TELEPHONE 61

1929 DEC 21 PM 12 14

PR56 20=BEND ORG 21 1205P

STATE ENGINEER=

SALEM ORG=

ON BEHALF OF TRUSTEE INTERESTS REQUEST IMMEDIATE INSPECTION
CRANE PRAIRIE DAM TO DETERMINE MAXIMUM SAFE STORAGE EXCESS

WATER NOW AVAILABLE=

N G WALLACE.

THE QUICKEST, SUREST AND SAFEST WAY TO SEND MONEY IS BY TELEGRAPH OR CABLE

N. G. WALLACE
LAWYER
Bend, Oregon

STATE ENGINEER
RECEIVED
DEC 24 1929
SALEM, OREGON

December 21st, 1929.

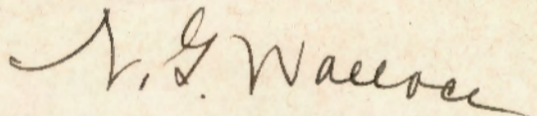
Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

Dear Rhea:-

Herewith confirmation of telegram this day filed. I have discussed the matter of safety at Crane Prairie with your Mr. McKinney, and, while he does not claim to be fully informed, he is of the opinion that ten thousand acre feet is maximum safety storage. If this is true and if the dam cannot be repaired, we are in a rather bad shape for Winter storage sufficient to satisfy the three interests. Just at this time I understand there is an excess of water in the stream and it would be most satisfactory if we could avail ourselves of that supply and store it. Mr. McKinney told me that it was suggested in your office this week that Mr. Stricklin personally in company with Mr. D. C. Henny could make a trip to Crane Prairie and inspect the dam, and based upon their report you could authorize the storing of a certain maximum. We have requested this installation to be made under the recent act which authorizes your office to determine the questions involved.

We will all appreciate very much having you look after this matter and if there is anything necessary for us to do at this time we will be glad to cooperate.

Yours very truly,



N. G. Wallace.

NGW:MRK.

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	FULL RATE
DAY LETTER	DEFERRED
NIGHT MESSAGE	CABLE LETTER
NIGHT LETTER	WEEK END LETTER

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

NO.	CASH OR CHG.
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

December 21 19 20

To STATE ENGINEER

Street and No. -----

Place SALEM, OREGON

ON BEHALF OF TRUSTEE INTERESTS REQUEST IMMEDIATE INSPECTION
CRANE PRAIRIE DAM TO DETERMINE MAXIMUM SAFE STORAGE.
EXCESS WATER NOW AVAILABLE

N. G. WALLACE

SENDER'S ADDRESS FOR REFERENCE
154 Court House, Bend, Oregon.SENDER'S TELEPHONE NUMBER
316

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated, that is, telegraphed back to the originating office for comparison. For this, one-half the un-repeated domestic message rate or one-quarter the un-repeated cable message rate is charged in addition. Unless otherwise indicated on its face, this is an un-repeated message and paid for as such, in consideration whereof it is agreed between the sender of the message and this company as follows:

1. The company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the un-repeated-message rate beyond the sum of five hundred dollars; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the repeated-message rate beyond the sum of five thousand dollars, unless specially valued; nor in any case for delays arising from unavoidable interruption in the working of its lines; nor for errors in cipher or obscure messages.
2. In any event the company shall not be liable for damages for mistakes or delays in the transmission or delivery, or for the non-delivery, of any message, whether caused by the negligence of its servants or otherwise, beyond the sum of five thousand dollars, at which amount each message is deemed to be valued, unless a greater value is stated in writing by the sender thereof at the time the message is tendered for transmission, and unless the repeated-message rate is paid or agreed to be paid, and an additional charge equal to one-tenth of one percent of the amount by which such valuation shall exceed five thousand dollars.
3. The company is hereby made the agent of the sender, without liability, to forward this message over the lines of any other company when necessary to reach its destination.
4. Domestic messages and incoming cable messages will be delivered free within one-half mile of the company's office in towns of 5,000 population or less, and within one mile of such office in other cities or towns. Beyond these limits the company does not undertake to make delivery, but will, without liability, at the sender's request, as his agent and at his expense, endeavor to contract for him for such delivery at a reasonable price.
5. No responsibility attaches to this company concerning messages until the same are accepted at one of its transmitting offices; and if a message is sent to such office by one of the company's messengers, he acts for that purpose as the agent of the sender.
6. The company will not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the company for transmission.
7. It is agreed that in any action by the company to recover the tolls for any message or messages the prompt and correct transmission and delivery thereof shall be presumed, subject to rebuttal by competent evidence.
8. Special terms governing the transmission of messages according to their classes, as enumerated below, shall apply to messages in each of such respective classes in addition to all the foregoing terms.
9. No employee of the company is authorized to vary the foregoing.

THE WESTERN UNION TELEGRAPH COMPANY
INCORPORATED
NEWCOMB CARLTON, PRESIDENT

CLASSES OF SERVICE

TELEGRAMS

A full-rate expedited service.

NIGHT MESSAGES

Accepted up to 2:00 A.M. at reduced rates to be sent during the night and delivered not earlier than the morning of the ensuing business day.

Night Messages may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect to delivery by mailing such night messages at destination, postage prepaid.

DAY LETTERS

A deferred day service at rates lower than the standard telegram rates as follows: One and one-half times the standard night letter rate for the transmission of 50 words or less and one-fifth of the initial rates for each additional 10 words or less.

SPECIAL TERMS APPLYING TO DAY LETTERS:

In further consideration of the reduced rate for this special Day Letter service, the following special terms in addition to those enumerated above are hereby agreed to:

A. Day Letters may be forwarded by the Telegraph Company as a deferred service and the transmission and delivery of such Day Letters is, in all respects, subordinate to the priority of transmission and delivery of regular telegrams.

B. Day Letters shall be written in plain English. Code language is not permissible.

C. This Day Letter is received subject to the express understanding and agreement that the Company does not undertake that a Day Letter shall be delivered on the day of its date absolutely, and at all events; but that the Company's obligation in this respect is subject to the condition that there shall remain sufficient time for the transmission and delivery of such Day Letter on the day of its date during regular office hours, subject to the priority of the transmission of regular telegrams under the conditions named above.

No employee of the Company is authorized to vary the foregoing.

NIGHT LETTERS

Accepted up to 2:00 A.M. for delivery on the morning of the ensuing business day, at rates still lower than standard night message rates, as follows: The stand-

ard telegram rate for 10 words shall be charged for the transmission of 50 words or less, and one-fifth of such standard telegram rate for 10 words shall be charged for each additional 10 words or less.

SPECIAL TERMS APPLYING TO NIGHT LETTERS:

In further consideration of the reduced rates for this special Night Letter service, the following special terms in addition to those enumerated above are hereby agreed to:

A. Night Letters may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect to delivery by mailing such Night Letters at destination, postage prepaid.

B. Night Letters shall be written in plain English. Code language is not permissible.

No employee of the Company is authorized to vary the foregoing.

FULL RATE CABLES

An expedited service throughout. Code language permitted.

DEFERRED HALF-RATE CABLES

Half-rate messages are subject to being deferred in favor of full rate messages for not exceeding 24 hours. Must be in language of country of origin or of destination, or in French. This class of service is in effect with most European countries and with various other countries throughout the world. Full particulars supplied on application at any Western Union Office.

CABLE LETTERS

For plain-language communications. The language of the country of destination may be employed, if the Cable Letter service is in operation to that country. Subject to delivery at the convenience of the Company within 24 hours if telegraphic delivery is selected. Delivery by mail beyond London will be made if a full mailing address is given and the words "Post London" are written after the destination. Rate is approximately one-third of the full rate; minimum 20 words.

WEEK-END LETTERS

Similar to Cable Letters except that they are accepted up to midnight Saturday for delivery Monday morning, if telegraphic delivery is selected. Rate is approximately one-quarter of the full rate; minimum 20 words.

NORTH CANAL COMPANY

Portland, Oregon
December 17, 1929

December 19, 1929.

Hon. Rhea Luper
State Engineer
Salem, Oregon

RECEIVED
18 1929
SALEM, OREGON

Dear Sir:

Since it is likely that the Crane Prairie reservoir will be used for the storage of water to supplement the supply of certain irrigation districts along the Deschutes I wish to suggest, as a matter of precaution, and particularly as a protection to the residents of the City of Bend and others on the upper river, that, before such storage is undertaken, a survey of the dam be made by your office.

Mr. Oswald West,
Attorney for North Canal Company,
531 Railway Exchange Bldg.,
Portland, Oregon.

No great amount of water has been stored at Crane Prairie

Dear Sir:
since shortly after the construction of the dam, when the tightness of the reservoir was in regard to the matter of storing water in the Crane Prairie Reservoir and the possible danger which might result therefrom.

It may be, there are defects have developed since that time which will endanger the dam. You may be assured that this office will take precautionary measures before authorizing the storage of a large amount of water.

We thank you for your letter of December 17th in regard to the matter of storing water in the Crane Prairie Reservoir and the possible danger which might result therefrom. You may be assured that this office will take precautionary measures before authorizing the storage of water as contemplated.

Trusting that your office will take all such steps as the situation demands, I am

Yours very truly,
RHEA LUPER,
State Engineer.

WFC:H

Respectfully,
By W. F. COSHOW, ASS'T.

Oswald West
Att. for North Canal Company

Portland, Oregon
December 17, 1929

STATE ENGINEER
RECEIVED
DEC 18 1929
SALEM, OREGON

Hon. Rea Luper
State Engineer
Salem, Oregon

Dear Sir:

Since it is likely that the Crane Prairie reservoir will be used for the storage of water to supplement the supply of certain irrigation districts along the Deschutes I wish to suggest, as a matter of precaution, and particularly as a protection to the residents of the City of Bend and others residing along the upper river, that, before such storage is undertaken, a thorough examination of the dam be made by your office.

No great amount of water has been stored at Crane Prairie since shortly after the construction of the dam, when the tightness of the reservoir was tested through the storage of around 50,000 acre feet. It may be, therefore, that defects have developed since that time which will endanger the dam should it be called upon to bear the pressure of a large amount of water.

Trusting that your office will take all such steps as the situation demands, I am

Respectfully yours,

Edward West
Atty for North Canal Company

OSWALD WEST
ATTORNEY AT LAW
531 RAILWAY EXCHANGE BUILDING
PORTLAND, OREGON
December 17, 1929

Hon. Rea Luper
State Engineer
Salem, Oregon

December 19, 1929.

Dear Sir:

In approving any arrangements for storage at Crane Prairie I would ask that you kindly not overlook the (approximately) 500 irrigable acres of North Canal lands lying under the Pilot Butte Canal.

You will recall that the sale of water rights for these lands was handled by your board, and the contracts covering such sale were duly approved by the board. Copies are on file in your office. These contracts provide for service from Crane Prairie in event the company's direct flow rights are impaired as the result of the Decohutes adjudication.

Mr. Oswald West,
Attorney for North Canal Company,
531 Railway Exchange Bldg.,
Portland, Oregon.

Dear Sir:

Attorney for North Canal Co.

This will acknowledge receipt of your letter dated December 17th, in which you call our attention to the fact that some six hundred irrigable acres of North Canal lands lying under the Pilot Butte Canal should be protected in connection with water stored in the Crane Prairie Reservoir.

I wish to thank you for calling our attention to this matter. We will look the matter up and give it due consideration at the time the agreement for the allotting of the use of the water is submitted to us for approval by the irrigation interests.

Yours very truly,

REBA LUPER,
State Engineer.

WFC:H

By W. F. Coahow, Ass't.

531 RAILWAY EXCHANGE BUILDING
PORTLAND, OREGON

December 17, 1929

ENGINEER
RECEIVED
DEC 18 1929
SALEM, OREGON

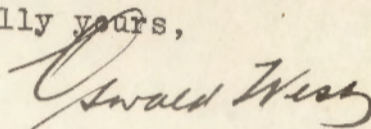
Hon. Rea Luper
State Engineer
Salem, Oregon

Dear Sir:

In approving any arrangements for storage at Crane Prairie I would ask that you kindly not overlook the (approximately) 600 irrigable acres of North Canal lands lying under the Pilot Butte Canal.

You will recall that the sale of water rights for these lands was permitted by your board, and the contracts covering such sale were duly approved by the board. Copies are on file in your office. These contracts provide for service from Crane Prairie in event the company's direct flow rights are impaired through the results of the Deschutes adjudication.

Respectfully yours,



Attorney for North Canal Co.

December 20, 1929.

Mr. N. G. Wallace,
Attorney,
Bend, Oregon.

Dear Mr. Wallace:-

I am enclosing herewith a receipt from the Clerk of the United States District Court, in the amount of \$1.35, which was the cost of certifying the copy of the judgment entered against the North Canal Company by the Forestry Department. As you will note, I paid this fee and would appreciate if you would see that I am properly reimbursed.

I attached the copy of the decree to the papers prepared in connection with the application for right-of-way on behalf of Mr. Peoples, Trustee, and took them in to The Dalles Monday afternoon but was unable to file them until Tuesday. Evidently there were no other applications submitted, so the time was immaterial.

With best wishes for A Merry Christmas and A Happy New Year, I am

Sincerely,

W. F. CUSHOW
Assistant.

WFC:H

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

WILDA BLDG., 1441 WALTON STREET
DENVER, COLO.

December 19, 1929.

RECEIVED
DEC 18 1929
SALEM, OREGON

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

Dear Mr. Luper:

We are in receipt of your letter of December 7, 1929, with regard to maps and notebooks pertaining to the Crane Prairie reservoir site.

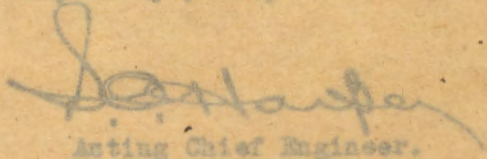
On August 27, 1920, we shipped to Mr. A. D. Acting Chief Engineer, U.S.R.S., Unit Irrigation District at Wilda Bldg., 1441 Walton St., Denver, Colorado, the Deschutes project. This shipment included the following data on the Crane Prairie reservoir site:

Dear Mr. Harper:-
Design for dam
Thank you for your letter of December 13th, relative to maps and data pertaining to the Crane Prairie Reservoir site. We also thank you for the print of the reservoir topography.

Boring records	1 notebook
Reservoir survey	Yours very truly,
Reservoir site	1 computation book
Field data	RHEA LUPER,
Drill runners' diary	State Engineer.

Under separate cover, we are forwarding a print from the Vandyke Hatch we have of the reservoir By W. F. Coshow, Ass't. ing about the only data we now have on the Crane Prairie site.

Very truly yours,



Acting Chief Engineer.

RECEIVED

BUREAU OF RECLAMATION

WILDA BUILDING, 1441 WELTON STREET

DENVER, COLO.

RECEIVED
DEC 16 1929
SALEM, OREGON

December 13, 1929.

Mr. Rhea Luper,
State Engineer,
Salem, Oregon.

Dear Mr. Luper:

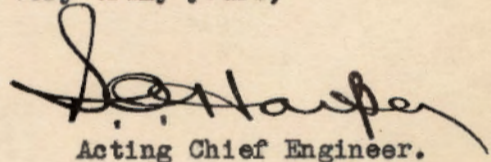
We are in receipt of your letter of December 7, 1929, with regard to maps and notebooks pertaining to the Crane Prairie reservoir site.

Our files show that on August 27, 1920, we shipped to Mr. A. D. Anderson, Secretary of the North Unit Irrigation District at Madras, Oregon, practically every original map, tracing and notebook bearing on the Deschutes project. This shipment included the following data on the Crane Prairie reservoir site:

Design for dam	Tracing
Reservoir topography	2 originals
Damsite topography	1 original
Reservoir site "	Tracing
Boring records	1 notebook
Reservoir survey	2 level books
Reservoir site	1 computation book
Field data	1 notebook
Drill runners diary	2 books.

Under separate cover, we are forwarding a print from the Vandyke which we have of the reservoir topography, this being about the only data we now have on the Crane Prairie site.

Very truly yours,


Acting Chief Engineer.

December 9, 1929.

Mr. H. H. De Armond,
Lawyer,
Bend, Oregon.

Dear Sir:

Enclosed herewith is our official receipt #11156, covering the payment of examination fees submitted with Applications Nos. R-13179 and 13180, made in the name of Don H. Peoples, Trustee, also the fee paid for the Secretary of State's certificate.

Yours very truly,

RHEA LUPER,
State Engineer.

WFC:H
ENC.

By W. F. Coshov, Ass't.

December 7, 1929.

United States Reclamation Service,
Wilda Bldg.,
Denver, Colorado.

Gentlemen:

Under a cooperative contract between the State of Oregon and the United States Reclamation Service, an investigation of the Deschutes River was made about the year 1913. The surveys were under the direction of John T. Whistler.

As a part of the investigation, topographic surveys of the Crane Prairie Reservoir Site were made. All of the original data we understand are on file in your department and we are desirous of obtaining the field notes and maps of the Crane Prairie Reservoir site. Please transmit these to this office at your early convenience, and any charges will be paid by this department.

Yours very truly,

RHEA LUPER,
State Engineer.

RL:H

December 6, 1929.

Mr. N. G. Wallace,
Attorney,
Bend, Oregon.

Dear Judge Wallace:-

Enclosed herewith you will find two applications, one for a permit to construct a reservoir and store waters, and the other for a permit to appropriate the waters so stored. You will notice that the name of the applicant is not stated, and it would be proper for whoever acts as trustee for the irrigation interest to fill this in. He should also sign the blanks and when the same have been completed, return them to the office with filing fees of \$10.00.

As you understand, these are in the nature of preliminary filings and can be completed later in case it is found necessary.

We are also submitting a copy of a map of the Crane Prairie Reservoir, as prepared by the State of Oregon and the government in connection with the report of the Deschutes Project.

You will also find blue prints of the records showing the water flow of the Deschutes River at the outlet of the dam for the years of 1924, 1925, 1926, 1927, and 1928.

We should have a certificate from the Secretary of State, certifying to the existing laws governing the appropriation and use of the water, but we will be unable to get it until this morning and we are forwarding these papers by Mr. Cooper and do not wish to detain him.

As soon as you get the applications for the appropriation of water completed, I would suggest that you return to this office the papers which we are sending, and we will get the certificate and send the record to the Land Office. It would probably be more effective for us to do this than to have your trustee, as it will be evidence that the State sanctions the applications. It is our thought that someone from this office will be present in Portland at the time the Forestry Department takes its decree and secure a certified copy of the

Mr. N. G. Wallace, p.2

12/6/29

decree and attach it to the application for a right-of-way and take it to The Dalles office for filing immediately thereafter. We feel that we have complied with the regulations of the Interior Department as near as possible under the circumstances.

We do not know who is going to make the application for the right-of-way, but in event it is an individual acting as trustee, I would suggest that you furnish us with a certified copy of the trust agreement or, if it is a group of individuals, that you send us copies of the agreement or whatever authority they are acting under.

Very truly yours,

RHEA LUPER,
State Engineer.

Encls.
WFC:H

By W. F. Conhow, Ass't.

SECRETARY OF STATE'S RECEIPT FOR AND STATEMENT OF FEES

Remitted by Rhea Luper, State Engineer,
P. O. Address Capitol Building, Salem, Oregon.

Receipt Mailed to Rhea Luper, State Engineer,
P. O. Address Capitol Building.

Date of letter containing remittance

Salem, Oregon, December 9, 1929

RECEIVED FROM RHEA LUPER, STATE ENGINEER

the sum of TWO & NO/100..... (\$ 2.00) Dollars, which has been applied as follows:

ON WHAT ACCOUNT	AMOUNT
Statutory fee for certificate covering the forwarding of copies of Oregon Laws and the subsequent Session Laws, relating to the formation and organization of private corporations and to water rights and irrigation to the Secretary of the Interior and to the Commissioner of the General Land Office at Washington, D. C.	\$2.00

IN DUPLICATE

HAL E. HOSS, Secretary of State,

By *Christine Schmidt*, Clerk

STATE OF OREGON
OFFICE OF THE SECRETARY OF STATE

No 48838

SECRETARY OF STATE'S RECEIPT FOR AND STATEMENT OF FEES

Remitted by **Rhea Luper, State Engineer,**
P. O. Address **Capitol Building, Salem, Oregon.**

Receipt Mailed to **Rhea Luper, State Engineer,**
P. O. Address **Capitol Building.**

Date of letter containing remittance

Salem, Oregon, December 9, 1929

RECEIVED FROM **RHEA LUPER, STATE ENGINEER**

the sum of **TWO & NO/100.....** (\$ **2.00**) Dollars, which has been applied as follows:

ON WHAT ACCOUNT

AMOUNT

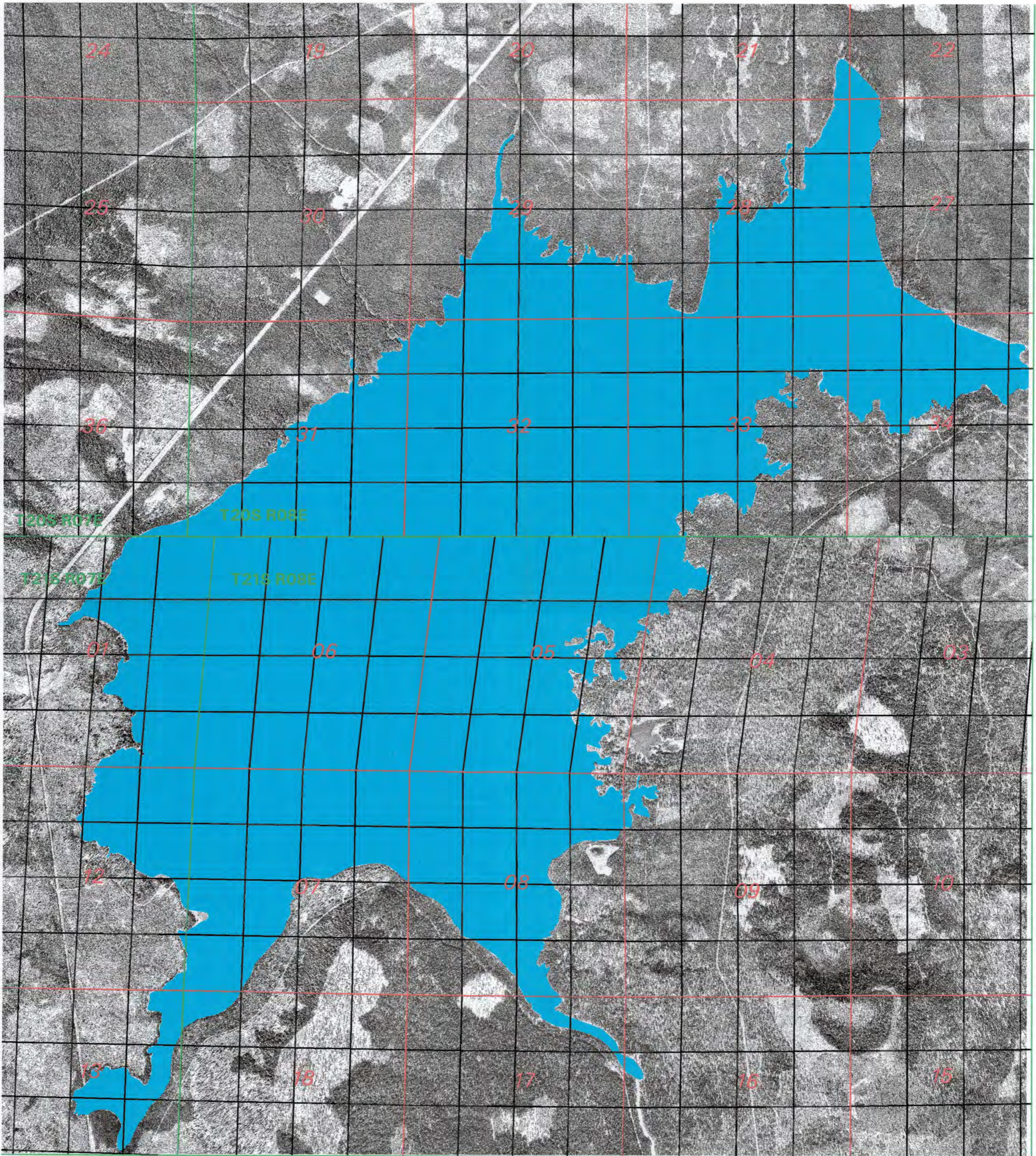
Statutory fee for certificate covering the forwarding of copies of Oregon Laws and the subsequent Session Laws, relating to the formation and organization of private corporations and to water rights and irrigation to the Secretary of the Interior and to the Commissioner of the General Land Office at Washington, D. C.	\$2.00
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IN DUPLICATE

HAL E. HOSS, Secretary of State,

By *Christine Schmidt* Clerk

Crane Prairie Reservoir Area Inundated at Full Capacity



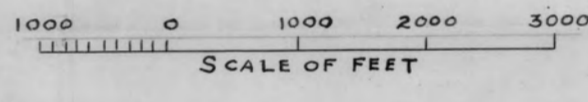
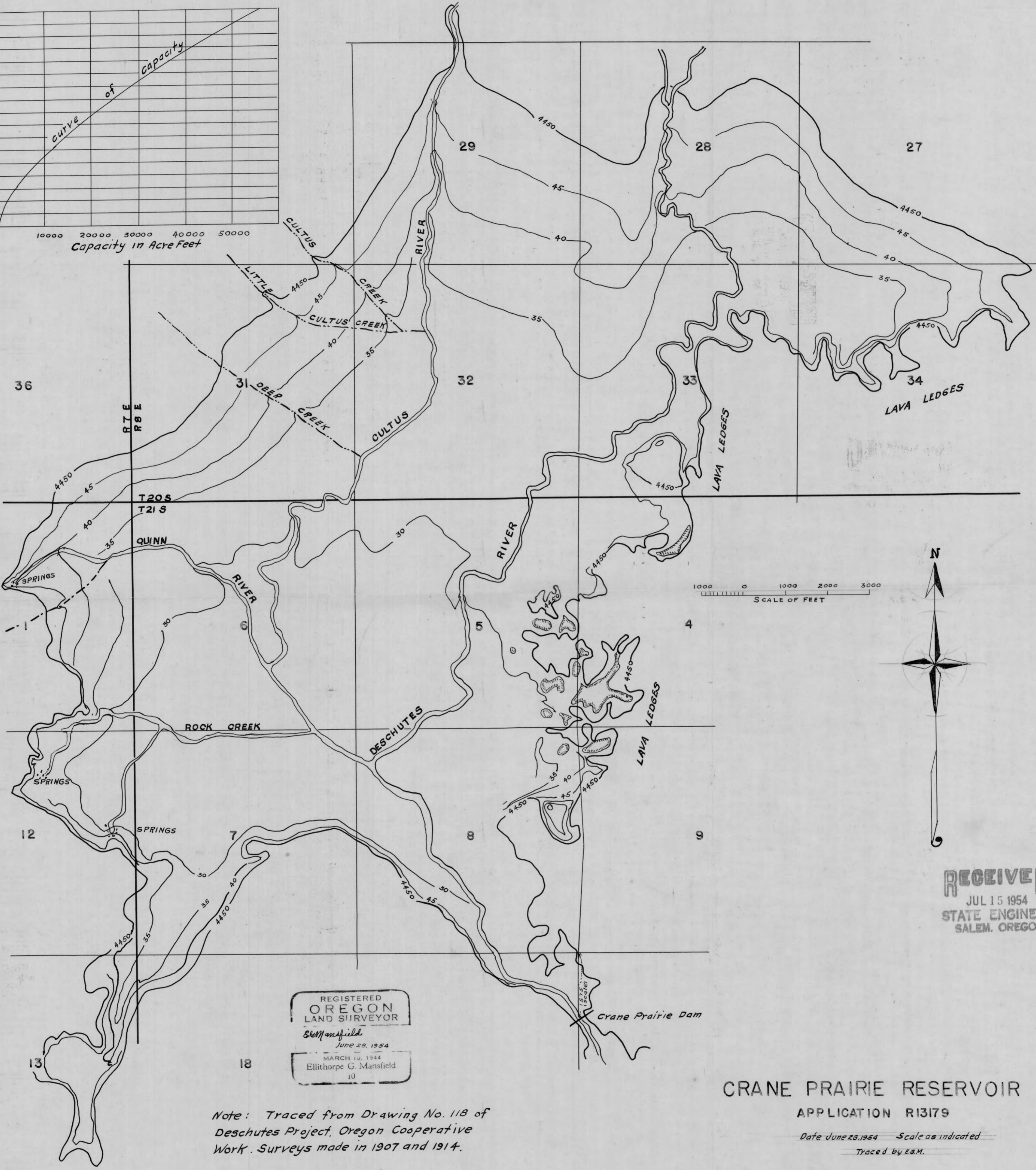
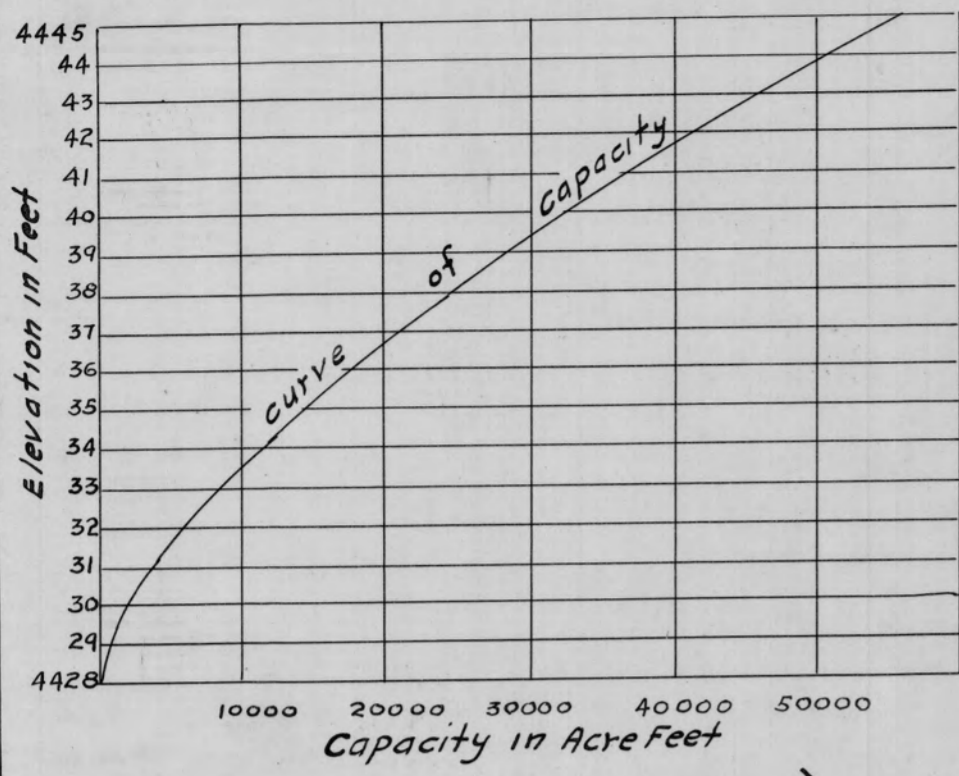
SCALE 1:24,000
250 0 250 500 750 1000 1250 1500 1750 Meters
1000 0 1000 2000 3000 4000 Feet



 **Section Lines**

Area = 208,594,368 sq.ft.

4,788.7 ACRES



RECEIVED
 JUL 15 1954
 STATE ENGINEER
 SALEM, OREGON

REGISTERED
 OREGON
 LAND SURVEYOR
E. Mansfield
 June 28, 1954
 MARCH 10, 1944
 Ellithorpe G. Mansfield
 10

Note: Traced from Drawing No. 118 of Deschutes Project, Oregon Cooperative Work. Surveys made in 1907 and 1914.

CRANE PRAIRIE RESERVOIR
 APPLICATION R13179

Date June 28, 1954 Scale as indicated
 Traced by E.G.M.