A 15673

SUPERSEDED

EXHIBIT
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FILE IN DUPLICATE

[For full information concerning the filling out of this form refer to Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

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DIV OF WATER RESOURCES
SACRAMENTO

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

1954 JAN 7 PM 2 33

Application No. 15673 Filed January 7, 1954, at 2:33 P.M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, United States of America - Bureau of Reclamation
Name of applicant

of _____ County of _____
Address

State of _____, do hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, *SUBJECT TO VESTED RIGHTS*:

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is Little Truckee River
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

located in Sierra County, tributary to Truckee River

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use 350 cubic feet per second
1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day

to be diverted from April 1 to November 1 of each year.
Beginning date Closing date

(b) For diversion to be stored and later applied to beneficial use 126,000 acre-feet per annum
1 acre-foot equals 325,851 gallons

to be collected between January 1 and December 31 of each season.
Beginning date Closing date

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed.

3. The use to which the water is to be applied is irrigation, flood control and recreational
Domestic, irrigation, power, municipal, mining, industrial, recreational

purposes.

4. The point of diversion is to be located at Stampede Dam, 480 ft., S10°24'E from NW
State bearing and distance or coordinate distances from section or quarter section corner

Corner Sec. 28, T. 19 N., R. 17 E.

being within the NE1/4NE1/4 (See Par. 4 of supplement for points of re-diversion)
State 40-acre subdivision of U. S. Government survey or projection thereof

of Section 28, T. 19 N., R. 17 E., M. D. B. & M., in the County of Sierra

5. The main conduit terminates in NE1/4NE1/4, of Sec. 19, T. 19 N., R. 27 E., M. D. B. & M.
State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application can not be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)

(a) Diversion will be made by pumping from _____
Sump, offset well, unobstructed channel, etc.

(b) Diversion will be by gravity, the diverting dam being 196 feet in height (stream bed to level of overflow); 1,340 feet long on top; and constructed of rolled earth fill material.
Concrete, earth, brush, etc.

(c) The storage dam will be 196 feet in height (stream bed to overflow level); 1,340 feet long on top; have a freeboard of 6.5 feet, and be constructed of rolled earth fill material.
Concrete, earth, etc.

7. Storage Reservoir Stampede Reservoir
Name

The storage reservoir will flood lands in (See Par. 7 of supplement)
Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of 2,520 acres, and a capacity of 126,000 acre-feet.

☞ In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

FORM 1

8. Conduit System (describe main conduits only)
(See Par. 8 of supplement)

(a) Canal, ditch, flume: Width on top (at water line) ..... feet; width at bottom .....
Cross out two not used

feet; depth of water ..... feet; length ..... feet; grade ..... feet per 1,000 feet; materials

of construction .....
Earth, rock, timber, etc.

(b) Pipe line: Diameter ..... inches; length ..... feet; grade ..... feet per

1,000 feet; total fall from intake to outlet ..... feet; kind .....
Riveted steel, concrete, wood-stave, etc.

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. The estimated capacity of the diversion conduit or pumping plant proposed is 350 c.f.s.
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is $16,000,000
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin on or before following authorization of Washoe project and appropriation of funds for construction by Congress of United States.

Construction work will be completed on on or before 1970

The water will be completely applied to the proposed use on or before 1980

Description of Proposed Use

11. Place of Use. Truckee Meadows gross acreage 36,340; net acreage 26,800 and
State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land

Newlands project gross acreage 107,140; net acreage 70,000. (See general map)

survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing of all

40-acre tracts, describe area in a general way and show detail upon map.

Does applicant own the land whereon use of water will be made? No
Yes or No

Water will be delivered by contract to various agencies.

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. Domestic Use. Domestic use is proposed as follows: .....
Describe nature of use which may include stock water and the irrigation of domestic

gardens not exceeding one-half acre with each place of residence. State number and kind of stock to be watered, number of houses and people to be served.

The amount for which application is made was determined by .....
Describe basis of quantity needed

13. Irrigation Use. The area to be irrigated is 96,800 acres.
State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice ..... acres; alfalfa ..... acres;

orchard ..... acres; general crops 96,800 acres; pasture ..... acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about April 1 and end about November 1
Beginning date Closing date

The land to be irrigated has another water right or source of water supply other than that herein applied for. The nature
NO OTHER

and amount of the additional supply referred to is (See Truckee River Final Decree, U.S. District Court, Nev. (See Proposed Findings of Fact, Conclusions of Law and Decree - U.S. of America vs. Alpine Land and Reservoir Company - No. D-183, U.S. District Court - Nevada.

14. Power Use. The total fall to be utilized is ..... feet.
Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is ..... cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is ..... horsepower.
Second feet × fall ÷ 8.8

The use to which the power is to be applied is .....
For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is .....
Turbine, Pelton wheel, etc.

The size of the nozzle to be used is ..... inches.

The water will / will not be returned to ..... in ..... of
Name stream State 40-acre subdivision

Sec. ....., Tp. ....., R. ....., ... B. & M.

SUPPLEMENT

The Washoe project, a multipurpose Bureau of Reclamation development, contemplates regulation and storage of surplus flows of the Truckee River system at the 126,000 acre foot potential Stampede Reservoir. This stored water will permit the irrigation of lands in the upper Carson River drainage through a system of water exchange described as follows: The stored water would be released and passed through the 6 mile Stampede tunnel, Calvada Penstock and Power Plant to the Truckee River. A small part of the water would be used on lands in Truckee Meadows near Reno. The remaining stored water would continue down the Truckee River to Derby Dam where it would be re-diverted through the Truckee Canal into the existing Lahontan Reservoir on the Carson River. It would then be released down the Carson River for use on lands of the Newlands project. Carson River water normally utilized on the Newlands project lands would then be made available for upstream regulation in the potential Watasheamu Reservoir and used for irrigation of Carson Valley and other lands above Lahontan Dam. This application covers the storage of unappropriated water at Stampede Reservoir and its later use on Truckee Meadows and Newlands project lands. The project features, lands, etc., are shown on the accompanying general map.

Par. 4

The water is diverted at Stampede Dam, 480 ft. S10°24'E. from NW corner, Sec. 28, T. 19 N., R. 17 E., M.D.B.M. It returns to the Truckee River at the Calvada Power Plant, Sec. 30, T. 19 N., R. 18 E., M.D.B.M. It is re-diverted to Truckee Meadows lands at 1,520 ft. S8°33'W from NW corner, Sec. 29., T. 19 N., R. 18 E. and at 5,760 ft. S22°29'E from NE corner, Sec. 7, T. 19 N., R. 20 E. as well as numerous points in between. It then follows the Truckee River to Derby Dam, 2,725 ft. N32°45'E from SW corner, Sec. 19, T. 20 N., R. 23 E., where it is re-diverted through Truckee Canal to Lahontan Dam, 3,850 ft. N82°45'E from SW corner, Sec. 33, T. 19 N., R. 26 E. It is released from Lahontan Dam into the Carson River and re-diverted to Newlands project lands at Carson Diversion Dam, 1,885 ft. N56°30'W from SE corner, Sec. 19, T. 19 N., R. 27 E. and Sagouspe Diversion Dam, 3,620 ft. N43°00'E from SW corner, Sec. 4, T. 19 N., R. 29 E. as well as numerous points in between.

Par. 7

The storage reservoir will flood lands in Sierra County, California.

T. 19 N., R. 16 E., M.D.B.M.
SE¼SW¼, SW¼SW¼, SE¼, SE¼NE¼, Sec. 24;
NE¼, NW¼, SW¼, N½SE¼, Sec. 25;
NE¼, E½NW¼, SW¼NW¼, N½SW¼, E½SE¼, Sec. 26;
NE¼SE¼, Sec. 27; N½NE¼, Sec. 35.

T. 19 N., R. 17 E., M.D.B.M.
SW¼, Sec. 16; W½SW¼, Sec. 17;
SE¼, S½NE¼, Sec. 18;
SE¼NW¼, NE¼, SE¼, SW¼, Sec. 19;
All Sec. 20; W½, Sec. 21;
W½NW¼, Sec. 28; N½, Sec. 29;
N½, NW¼SW¼, NE¼SE¼, Sec. 30.

Par. 8

The conduit system consists of: The concrete lined Stampede tunnel 28,750 ft. long, 7 ft. in diameter, capacity 350 sec. ft., with grade of 5.6 per 1,000 feet; Calvada steel penstock 3,800 ft. long, 5 ft. in diameter, capacity 350 sec. ft.; Truckee River capacity 6,000 sec. ft.; Truckee Canal 31 miles long, capacity 1,000 sec. ft.; and the Carson River capacity 3,500 sec. ft.

DO NOT WRITE IN THIS SPACE

ATTACH EXTRA SHEETS HERE

15. **Municipal Use.** This application is made for the purpose of serving.....
Name city or cities, town or towns. Urban areas only
.....having a present population of.....

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

16. **Mining Use.** The name of the mining property to be served is .....
Name of claim
.....and the nature of the mines is.....
Gold placer, quartz, etc.

The method of utilizing the water is.....

It is estimated that the ultimate water requirement for this project will be.....
Cubic feet per second, gallons per minute. State basis of estimate

The water $\begin{matrix}\text{will}\\\text{will not}\end{matrix}$ be polluted by chemicals or otherwise.....
Explain nature of pollution, if any

and it $\begin{matrix}\text{will}\\\text{will not}\end{matrix}$ be returned to.....in.....of
Name stream State 40-acre subdivision

Sec....., T....., R....., ... B. & M.

17. **Industrial Use.** The nature of the use proposed is.....
Describe nature and method of use

The amount for which application is made was determined by.....
Describe basis of estimate of quantity needed

18. **Recreational Use.** Water will be used for...fishing, boating, camping, etc.
Describe nature and method of use

The amount for which application is made was determined by...Stampede Reservoir will afford flood
Describe basis of estimate of quantity needed
control to the cities of Reno and Sparks and for 78 miles of river and for approximately 30,000 acres of farm land.

General

19. Are the maps as required by the Rules and Regulations filed with Application?...Yes... If not,
Yes or No
state specifically the time required for filing same [redacted]

20. Does the applicant own the land at the proposed point of diversion?...No... If not, give name and
Yes or No
address of owner and state what steps have been taken to secure right of access thereto...Necessary access
will be secured prior to construction.

21. What is the name of the post office most used by those living near the proposed point of diversion?

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?.....

[SIGNATURE OF APPLICANT] E. O. Larson, Regional Director
Region 4 Bureau of Reclamation

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No._____

This is to certify that the application of which the foregoing is a true and correct copy has been considered and is hereby approved SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed

2. The maximum amount herein stated may be reduced in the license if investigation so warrants.

3. Actual construction work shall begin on or before and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked.

4. Said construction work shall be completed on or before

5. Complete application of the water to the proposed use shall be made on or before

6. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Engineer until license is issued.

7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the Department acting through the State Engineer in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Witness my hand and the seal of the Department of Public Works of the State of California this day of 19

A. D. EDMONSTON,
State Engineer

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