

[For full information concerning the filling out and filing of this form refer to Regulation 4 of Rules and Regulations of the Division of Water Resources Governing the Appropriation of Water]

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

Application No. 9280 Filed April 21, 1938

(Applicant must not fill in the above blanks)

AMENDED APPLICATION RECEIVED

JUL 21 '38

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

This application involves in no way the right to construct a dam

1938 APR 21 PM 2:36
DIVISION OF WATER RESOURCES
RECORDS

I. PALO VERDE IRRIGATION DISTRICT

Name of applicant

of Blythe

County of Riverside

Post office

State of California

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

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is Colorado River

Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

located in Riverside County, tributary to Gulf of California

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 without storage 1500 2/00 cubic feet per

1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day

second, to be diverted from January 1st to December 31st of each season.

(See supplement - Paragraph 2a)

(b) For diversion to be stored temporarily and later applied to beneficial use none acre-feet

1 acre-foot equals 325,851 gallons

per annum, to be collected between _____ and _____ of each season.

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. The amounts stated must be in definite terms of some established unit of measurement. Neither these amounts nor the season may be increased after application is filed.

3. The use to which the water is to be applied is irrigation

Irrigation, power, municipal,

and domestic

purposes.

NOTE.—A separate application must be made for each use except that incidental domestic use may be included with any other use.

4. The point of diversion is ~~not~~ located approx. 12 miles N.E. of Blythe on California

State bearing and distance or coordinate distance to section or quarter section corner

Bank of river at place known as Rock Point, being 3250 feet So. 67° 46' E. from the Northwest corner of Sec. 19, Township 5 S., R. 24 E., S.B.B. & M., being within ~~the~~ Lot 3 SE 1/4 SW 1/4

State 40-acre subdivision of U. S. Government survey or projection thereof

of Section 19, Tp. 5 S., R. 24 E., S.B.B. & M., in the County of Riverside

5. The main conduit terminates in NE 1/4, of Sec. 34, Tp. 5 S., R. 23 E., S.B.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: Capacity of plant _____ gallons per minute.

through concrete intake structure containing 8 wood gates

(b) Diversion will be by gravity 8 feet wide, bottom of gates at Elev. 275.0; and River Elev. Approx. 285.0

both Palo Verde Irrigation District datum. Concrete, earth, brush, etc.

(c) The storage dam will be _____ feet in height (stream bed to overflow level); _____ feet

long on top have a freeboard of _____ feet, and be constructed of _____

Concrete, earth, etc.

7. _____ None proposed.

The storage reservoir will flood lands in _____

Indicate section or sections of _____

It will have a surface area of _____ acre-feet.

In case of insufficient space for _____ at top of page 3 and cross reference.

12-29-49

8. Conduit System (describe main conduits only)

Width on top (at water line) Approx. 75' feet; width at bottom Approx. 50' feet; depth of water 8 feet; length 19,200 feet; grade variable, at present 0.15 feet per 1,000 feet; materials of construction earth
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, cement, 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 works is Approx. 1500 sec. feet
State cubic feet per second or gallons per minute

The estimated cost of the diversion works is Approx. \$1,175,000.00
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin with began in 1878 months after approval of this application

Construction work will be completed within ten years after approval of this application.

The water will be completely applied to the proposed use within 50 months after approval of this application.

Description of Proposed Use

11. Place of Use. Palo Verde Irrigation District as it existed August 18, 1931, and lands between said district and the Colorado River, a gross area of 104,500 acres; and 16,000 acres in that area known as the "Lower Palo Verde Mesa", adjacent to said district. (See Supplement, Para. 11)
State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land 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 all 40-acre tracts, describe area in a general way and show detail upon map. These blanks need not be filled in when municipal use is proposed.

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

Lands now outside the district are to be included in it.

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

12. Domestic Use. [If incidental to one of the major uses described in Paragraphs 13, 14, 15, 16, 17 or 18 domestic use may be included in the same application with any one thereof, and Paragraph 12 should be filled out. If the domestic use is not incidental to some major use a separate application is required.]

Domestic use is proposed as follows: in towns and at ranches and residences
Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding within the place of use.
one-half acre each in area connected with places of residence

The amount for which application is made was determined by other considerations than domestic use.
Describe basis of estimate of quantity needed as is

13. Irrigation Use. (See marginal note.) The area to be irrigated is 120,500 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 _____ acres.
Crop acreage will vary between alfalfa, cotton, grains, fruit and nut trees, etc.

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 January 1st and end about December 31st
Beginning date each season Closing date each season

The land to be irrigated has another water right or source of water supply other than that herein applied for. The nature and amount of the additional supply referred to is appropriations aggregating 985,000 miners inches filed from July 17, 1877 to August 5, 1911.

14. Power Use. (See marginal note.) 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 X fall ÷ 5.5

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, hydraulic ram, etc.

The water will _____ in _____ of _____
Name of _____ State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, M. _____

GRAPHS 13, 14, 15, 16, 17 and 18

Principal, mining, industrial and recreational uses. included on the same application.

See page 1 of Supplement

DO NOT FILL IN MORE THAN ONE APPLICATION
Applications must be filed upon receipt of this form
Domestic use which

15. Municipal Use. (See marginal note.) 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. (See marginal note.) The name of the mining property to be served is _____
Name of claim _____ and the nature of the mines is _____
Gold placer, lead 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 will be polluted by chemicals or otherwise _____
will not Explain nature of pollution, if any

and it will be returned to _____
will not Name stream in _____ of _____
State 40-acre subdivision
Sec. _____, Tp. _____, R. _____, M. _____

17. Industrial Use. (See marginal note.) 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. (See marginal note.) Water will be used for _____
Describe nature and method of use

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

General

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

20. Does the applicant own the land at the proposed point of diversion? Yes If not, state what steps have been taken to secure right of access thereto _____
Yes or No

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

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?
Yuma Project, U.S. Bureau of Reclamation, Yuma, Arizona.

Imperial Irrigation District, El Centro, Cal.

Coachella Valley County Water District, Coachella, Cal.

City of San Diego, c/o City Attorney, San Diego, Cal.

By Stewart, Shaw & ...
Its Attorneys
835 Rowan Bldg., Los Angeles, Cal.

PALO VERDE IRRIGATION DISTRICT
By J. A. ...
Its President.

SUPPLEMENT. 1. Appl. 9280.

Paragraph 2 (a): This application is filed to supplement the existing rights of Palo Verde Irrigation District to waters of the Colorado River and without waiving any of its existing rights thereto, or any claims to such rights.

Subject to the foregoing, this application is filed pursuant to the recommendations of the Division of Water Resources contained in "Memorandum on Colorado River Allocation", dated September 8, 1931, and the amount of water which may be diverted hereunder, and all rights under this application are subject to that certain agreement dated August 18, 1931, by and between Palo Verde Irrigation District, Imperial Irrigation District, Coachella Valley County Water District, City of Los Angeles, The Metropolitan Water District of Southern California, City of San Diego and County of San Diego, as modified by reservation under which said Palo Verde Irrigation District approved said agreement.

Paragraph 11: The place of use includes:

A. Palo Verde Irrigation District as of August

18, 1931,

88,693 acres

B. Subsequently included in District,

6,307 "

Total in present District,

95,000 "

C. Land between District and River,

9,500 "

Gross area

104,500 "

The above conforms to the District's allocation under Priority 1, as stated in memorandum and agreement mentioned in supplement to paragraph 2 (a) above and in the District's contract with the United States of America for delivery of water from the Colorado River, dated February 7, 1933. The map filed herewith shows acreage between the District and the river aggregating 12,200 acres, rather than 9,500 acres. To explain this discrepancy

the following statement is submitted:

The Colorado River, flowing along the easterly margin of the Palo Verde Valley, is continually, from day to day, changing its course. Since the completion of Boulder Dam this tendency has been somewhat enhanced. Since 1931 it has wandered across the easterly boundary line of the District and has taken out of the District and left in the River bed, or on the Arizona side, between 1000 and 1500 acres of land which was in the original District. This reduces the actual gross area now in the District and on the California side of the River to approximately 93,500 acres, instead of 95,000. At the same time, at other points along the River front, slightly more acreage has been added to California than existed in 1931. It is submitted that because the acreage in California along the River front is constantly fluctuating it would serve no useful purpose to designate on the map the acreage of fractional 40-acre lots intersected by the River. Full 40-acre lots are shown ^{1/4 inch square} ~~as squares 1/4~~ ~~inch in diameter~~. It is further submitted that it would be contrary to the best interests of the State of California to eliminate at this time from the appropriation sought any part of the 12,200 acres now between the District and the River, by defining any specific 104,500 acres on the California side, inasmuch as it is inevitable that portions of any area so defined will be eroded away by the River and other lands will probably be added to California.

D. The place of use also includes, under Priority 3, as shown in said memorandum and agreement of August 18, 1931, 16,000 acres on "Lower Palo Verde Mesa". The map shows this area by 40-acre subdivisions. It contains a gross area of 34,100 acres. This land is virgin, undeveloped desert land. It is believed to be for the best interests of the District and of the State of California that the most desirable and productive 16,000 acres in this area be given the water right. Soil and topographical investigations made

up to this time have not developed adequate information upon which to base a selection of the best 16,000 acres. It may be some years in the future before such information is available. For this reason it is not attempted at this time to designate on the map the precise acreage to be irrigated in each 40-acre subdivision on the Lower Palo Verde Mesa.

A description of the legal boundaries of the District, as now existing, is attached hereto.

PERMIT No. 7652

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, provisions of the Water Code of the State of California, and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, at an average rate of diversion not exceeding 1500 cubic feet per second and at a maximum rate of diversion not exceeding 2100 cubic feet per second, to be diverted from January 1st to December 31st of each season.

2. The Colorado River flows along a part of the eastern boundary of the State of California and is the subject of an interstate compact (Colorado River Compact, signed at Santa Fe, New Mexico, November 24, 1922) to which the State of California is a party. Under authority of an Act of Congress (45 Stat. 1057) the United States has contracted to deliver to Palo Verde Irrigation District, a public district of the State of California, at the District's point of diversion known as Blythe Intake (or as relocated within two miles of that intake), water in the quantity as in said contract and hereinafter set out, from storage constructed by the United States at Hoover Dam on said River outside of the State of California. Said facts are found to be such as bring the case within the terms of Section 1005 of the Water Code of California.

3. As required by said Act of Congress of the United States, California has agreed to limit its consumptive use of the water of the Colorado River (Stats. 1929, P. 38) as this permit is issued subject to the conditions of said Limitation Act.

4. This permit supplements, and is without prejudice to, rights held or claimed by applicant under said contract with the United States, or under appropriation, user or otherwise. So much water is to be diverted under this permit as is agreed in said contract to be delivered and as may be necessary to supply the district a total quantity, including all other waters diverted for use of the district from the Colorado River, as follows:

"The waters of the Colorado River available for use within the State of California under the Colorado River compact and the Boulder Canyon project act shall be apportioned to the respective interests below named and in amounts and with priorities therein named and set forth, as follows:

SECTION 1. A first priority to Palo Verde Irrigation District for beneficial use exclusively upon lands in said district as it now exists and upon lands between said district and the Colorado River, aggregating (within and without said district) a gross area of 104,500 acres, such waters as may be required by said lands.

SECTION 2. A second priority to Yuma project of the United States Bureau of Reclamation for beneficial use upon not exceeding a gross area of 25,000 acres of land located in said project in California, such waters as may be required by said lands.

SECTION 3. A third priority (a) to Imperial Irrigation District and other lands under or that will be served from the All-American Canal in Imperial and Coachella Valleys, and (b) to Palo Verde Irrigation District for use exclusively on 16,000 acres in that area known as the 'Lower Palo Verde Mesa', adjacent to Palo Verde Irrigation District, for beneficial consumptive use, 3,850,000 acre-feet of water per annum less the beneficial consumptive use under the priorities designated in sections 1 and 2 above. The rights designated (a) and (b) in this section are equal in priority. The total beneficial consumptive use under priorities stated in sections 1, 2, and 3 of this article shall not exceed 3,850,000 acre-feet of water per annum.

SECTION 4. A fourth priority to the Metropolitan Water District of Southern California and/or the City of Los Angeles, for beneficial consumptive use, by themselves and/or others, on the Coastal Plain of Southern California, 550,000 acre-feet of water per annum.

SECTION 5. A fifth priority (a) to the Metropolitan Water District of Southern California and/or the City of Los Angeles, for beneficial consumptive use, by themselves and/or others, on the Coastal Plain of Southern California, 550,000 acre-feet of water per annum, and (b) to the City of San Diego and/or County of San Diego and/or County of San Diego, for beneficial consumptive use, 112,000 acre-feet of water per annum. The rights designated (a) and (b) in this section are equal in priority.

SECTION 6. A sixth priority (a) to Imperial Irrigation District and other lands under or that will be served from the All-American Canal in Imperial and Coachella Valleys, and (b) to Palo Verde Irrigation District for use exclusively on 16,000 acres in that area known as the 'Lower Palo Verde Mesa', adjacent to Palo Verde Irrigation District, for beneficial consumptive use, 300,000 acre-feet of water per annum.

SECTION 7. A seventh priority of all remaining water available for use within California, for agricultural use in the Colorado River Basin in California, as said basin is designated on Map No. 23000 of the Department of the Interior, Bureau of Reclamation."

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 purchase 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 6th day of January 19 50*

Edward Hyatt
EDWARD HYATT, State Engineer

Permit 7652

