

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF WATER RESOURCES

Application No. 7482 Filed January 11, 1933 at 11:51 A.M.  
(Applicant must not fill in the above blanks)

**AMENDED APPLICATION RECEIVED** 7/22/35

**APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER**

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

I, Imperial Irrigation District

Name of applicant

of El Centro

Post office

County of Imperial

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 (See supplement)

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

located in Imperial 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 10,000 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.

Beginning date each season

Closing date each season

Total diversions in any one year shall not exceed 3,850,000 acre feet (See supplement)

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet

1 acre-foot equals 325,851 gallons

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

Beginning date each season

Closing date 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.

mining, industrial, recreational, domestic. Recreational use may be deemed to include all uses incidental to a resort such as domestic, boating, fish culture, etc.

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 to be located S. 8° 50' E., 2495' from N.W. corner of

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

Section 9

being within Lot 2

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

of Section 9, Tp. 15 S, R. 24 E, S.B. M., in the County of Imperial

5. The main conduit terminates in Lot 3 of Sec. 20, Tp. 17 S, R. 13 E, S.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.

(b) Diversion will be by gravity, the diverting dam being 22 feet in height (stream bed to level of overflow); 1770 feet long on top; and constructed of rockfill covered by concrete slab.

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. Storage Reservoir \_\_\_\_\_

Name

The storage reservoir will flood lands in \_\_\_\_\_

Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of \_\_\_\_\_ acres, and a capacity of \_\_\_\_\_ acre-feet.

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

JUL 21 1935

8. Conduit System (describe main conduits only)

(a) Canal, ~~232.14~~: Width on top (at water line) 232.14 feet; width at bottom 160

Cross out two not used

feet; depth of water 20.61 feet; length 80 miles ~~feet~~; grade 0.0026 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 proposed is 15,000 c.f.s.

State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is \$27,000,000

Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

### Completion Schedule

10. Construction work ~~has begun.~~ ~~\_\_\_\_\_~~

Construction work will be completed within 10 years after approval of this application.

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

### Description of Proposed Use

11. Place of Use. (See supplement)

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? Yes for district.

Yes or No

Balance under contract with U.S. to serve.

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: All domestic water used will be supplied from

Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding

the canals.

one-half acre each in area connected with places of residence

The amount for which application is made was determined by \_\_\_\_\_

Describe basis of estimate of quantity needed

13. Irrigation Use. (See marginal note.) The area to be irrigated is 992,548 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 992,548 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 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 (See Supplement)

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 be returned to \_\_\_\_\_ in \_\_\_\_\_ of

will not

Name stream

State 40-acre subdivision

Sec. \_\_\_\_\_, Tp. \_\_\_\_\_, R. \_\_\_\_\_, M. \_\_\_\_\_

GRAPHS 13, 14, 15, 16, 17 and 18  
municipal, mining, industrial and recrea-  
may be included on the same application.

DO NOT FILL IN MORE

Applications must be filed upon additional uses. Domestic use wh.

15. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_ Name city or cities, town  
\_\_\_\_\_ 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 \_\_\_\_\_ Explain nature of pollution, if any

and it will be returned to \_\_\_\_\_ in \_\_\_\_\_ of  
Name stream 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 (See supplement)

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

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

IMPERIAL IRRIGATION DISTRICT

Ernest Johnson  
PRESIDENT

W. W. Goodson  
SECRETARY Signature of Applicant

PERMIT No. 7643

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 and shall not exceed 10,000 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 to which the State of California is a party. Under authority of an Act of Congress the United States has contracted to deliver to Imperial Irrigation District, a public agency of the State of California, at the District's point of diversion known as Imperial Dam, 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. 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 water as may be required by said lands.

SEC. 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.

SEC. 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.

SEC. 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.

SEC. 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, 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.

SEC. 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.

SEC. 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."

4. This permit is issued and made subject to that certain agreement dated February 14, 1934, by and between Imperial Irrigation District and Coachella Valley County Water District.

5. As required by an Act of Congress of the United States, California has agreed to limit its consumptive use of the water of the Colorado River (Stats. 1929, page 38) and this permit is issued subject to the conditions of said limitation act.

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*\*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, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, 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 1950

  
EDWARD HYATT, State Engineer

**SUPPLEMENT TO APPLICATION 7482**

full amount of water for agricultural use as follows:

**Paragraph 1.** This application is filed by Imperial Irrigation District to supplement its existing rights 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 and without waiver of any such rights, the water covered by this application is any unappropriated water in the Colorado River and in particular any flood or storm waters and any water that may be released from the Boulder Canyon reservoir to be created by the Boulder Dam, or other storage, provided that the water to be taken pursuant to this application shall not exceed 3,850,000 acre feet in any calendar year 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, and subject also to that certain agreement dated February 14, 1934, by and between Imperial Irrigation District and Coachella Valley County Water District, copies of which said agreements have heretofore been filed with the Division of Water Resources and to which reference is hereby made.

**Paragraph 11.**

East Mesa	219,010 acres
East Mesa No. 1	640 "
East Mesa No. 2	360 "
West Mesa	122,225 "
Superstition Mesa	9,630 "
Kane Springs Mesa	5,565 "
Borego Mesa	1,565 "
Pilot Knob Mesa	20,895 "
Imperial Irrigation District	<u>612,658</u> "
Total	992,548 Acres

Being within Townships 9 to 17 South, Ranges 9 to 21 East, S.B.B.&M., as shown on map marked Exhibit "c" filed with the Division of Water Resources, April 19, 1935.

**Paragraph 13.** Imperial Irrigation District claims certain rights in the Colorado River and has been diverting and distributing water therefrom for many years, and now claims the right to take 10,000 cubic feet per second of water from any water in the river not otherwise appropriated. This application is intended to secure to the District the right to take any water in the river not otherwise appropriated including flood and storm waters and releases from the Boulder Canyon reservoir and other storage, up to the limits herein specified.

**Paragraph 20.** The intake of the present system is owned by the District, which also has a contract with the United States for the construction of the All-American Canal.