

DEPARTMENT OF PUBLIC WORKS  
DIVISION OF WATER RESOURCES

Application No. 7482 Filed January 11, 1935 at 11:15 AM  
(Applicant must see 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 County of Imperial  
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 (See supplement)  
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unappropriated  
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 second, to be diverted from January 1st to December 31st of each season.  
1 cubic foot per second equals 448.831 gallons per day

**Total diversions in any one year shall not exceed 3,850,000 acre feet (See supplement)**  
Specify date each season

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet per annum, to be collected between \_\_\_\_\_ and \_\_\_\_\_ of each season.  
Specify 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 seasons 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  
and domestic purposes.  
mining, industrial, recreational, domestic. Unappropriated use may be deemed to include all use incidental to a career such as domestic, heating, 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., 2496' from N.W. corner of Section 9  
Show bearing and distance or coordinates distance to section or quarter section corner

being within NE 1/4 2  
Show 40-acre subdivisions of U. S. Government survey or previous thereof  
of Section 9, T<sub>15</sub> S, R. 24 E, S. 2 E, M., in the County of Imperial

5. The main conduit terminates in Lot 3 of Sec. 20, T<sub>17</sub> S, R. 13 E, S. 2 E, M.  
Show 40-acre subdivisions of U. S. Government survey or previous thereof

Description of Diversion Works

NOTE.—An application can not be approved for an amount greatly 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 there upon one  
It will have a surface area of \_\_\_\_\_ acres, and a capacity of \_\_\_\_\_ acre-feet.  
MP In case of insufficient space for answers in form, attach extra sheets at top of page and cross reference.

JUL 21 1935

State Water Resources Control Board  
Hearing Name IID Transfer - Phase 1  
Exhibit: 27  
For Ident: \_\_\_\_\_ In Evidence: \_\_\_\_\_

(a) Canal, ~~200 ft wide~~: Width on top (at water line) 232.14 feet; width at bottom 160 feet; depth of water 20.61 feet; length 80 miles ~~feet~~ grade 0.0826 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, 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 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 not yet begun~~ has begun. ~~Construction work will be completed within \_\_\_\_\_ years after approval of this application.~~

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 use of the water use described in Paragraphs 11, 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 water use a separate application is required.]

Domestic use is proposed as follows: All domestic water used will be supplied from the canals.  
Describe nature of use which may include stock water and the irrigation of domestic gardens and orchards on-half acre each in area concerned 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  
Explaining date each month

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 intake 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 \_\_\_\_\_  
None stream State 40-acre subdivisions

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

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


DO NOT FILL IN MORE

Applications must be filed upon  
federal lands. Domestic use when  
or more. Urban areas only.

15. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_  
Name city or town, 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 placers, 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, times base of drainage

The water will be polluted by chemicals or otherwise \_\_\_\_\_  
will not be returned to \_\_\_\_\_  
Explains nature of pollution, if any  
Name stream State or other subdivision  
and it will be returned to \_\_\_\_\_ of  
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. (See supplement)  
Yes or No

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 point  
of diversion?

IMPERIAL IRRIGATION DISTRICT

Emma Johnson  
PRESIDENT

W. W. Goodson  
SECRETARY Signature of Applicant

SUPPLEMENT TO APPLICATION 7422

Paragraph 10. This Application is filed by Imperial Irrigation District to supplement its existing rights to water in 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 3,000,000 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	840 "
East Mesa No. 2	360 "
West Mesa	122,236 "
Superstition Mesa	9,630 "
Espe Springs Mesa	5,848 "
Borrego Mesa	1,848 "
Pilot Knob Mesa	20,895 "
Imperial Irrigation District	<u>612,668 "</u>
Total	992,848 Acres

Being within Townships 9 to 17 South, Ranges 9 to 21 East, S.E.3.A.M., as shown on map marked Exhibit "a" filed with the Division of Water Resources, April 19, 1938.

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.

## 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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*Permit 7643*

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

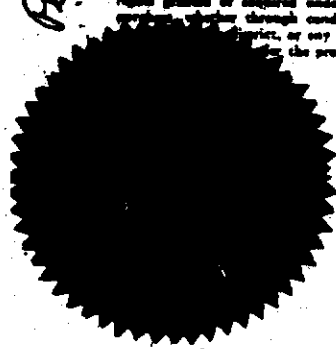
Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

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 appropriation 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 by the State, or any political subdivision of the State, of the rights and property of any permittee, or the possession 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



# DIVISION OF WATER RESOURCES

Application No. 8534 Filed January 13, 1936 at 10:43AM

RECORDED APPLICATION RECEIVED 2/24/36

(Applicant must not fill in the above blanks)

## 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 County of Imperial  
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 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 8,000 cubic feet per second, to be diverted from January 1st to December 31 of each season.  
1 cubic foot per second equals 448.831 gallons per day  
Beginning date each season Closing date each season

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet per annum, to be collected between \_\_\_\_\_ and \_\_\_\_\_ of each season.  
1 acre-foot equals 435,441 gallons  
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 generation of electric energy for light, heat, power and other uses  
generation, industrial, recreational, domestic. Recreational use may be deemed to include all uses incidental to a resort such as dramatic, 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 approximately S. 8° 50' E. 2495.0 feet from northwest corner of Section 9, T 15 S, R 24 E, S.B.E. & M.  
State bearing and distance or azimuth and distance by section or quarter section corner

being within Lot 2 of Section 9, T<sub>p</sub> 15 S., R 24 E. S.B.E. & M. in the County of Imperial  
State 40-acre subdivisions of U. S. Government survey or projection thereof

5. The main conduit terminates in SW 1/4 of SE 1/4 of Sec. 31, T<sub>p</sub> 16 S., R 20 E S.B.E. & M.  
State 40-acre subdivisions of U. S. Government survey or projection thereof

### Description of Diversion Works

NOTE.—An application can not be approved for an amount greatly 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 rock fill covered by concrete slab  
Concrete, earth, brick, 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 \_\_\_\_\_

The storage reservoir will flood lands in \_\_\_\_\_  
Indicate section or sections, also 40-acre subdivisions when those apply

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

SW 1/4 is name of insufficient space for answers in form, attach extra sheets at top of page 1 and cross reference.

**K. Conduit System** (describe main conduits only)

(a) Canal, ~~500x1000~~: Width on top (at water line) 196.36 feet; width at bottom 130 feet; depth of water 16.59 feet; length 190,800 feet; grade 0.026 feet per 1,000 feet; materials of construction Earth, rock and concrete  
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 \_\_\_\_\_  
Mixed 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 works proposed is 15,000 cubic feet per second  
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is \$6,100,000  
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

**Completion Schedule**

10. Construction work ~~with respect to~~ started July, 1934 ~~and the time proposed for completion is~~

Construction work will be completed within 5 years after approval of this application.

The water will be completely applied to the proposed use within 20 years after approval of this application.

**Description of Proposed Use**

11. Place of Use. <sup>*Is the use within*</sup> SW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Section 31, T 16 S, R 20 E, S.B.B. & M.  
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 produced. 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

To be furnished in connection with All-American Canal  
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 main uses described in Paragraphs 11, 13, 14, 15, 16, 17 or 18 domestic use may be included in the same application with any use shown, 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: \_\_\_\_\_  
Describe nature of use which may include stock water and the irrigation of domestic gardens and acreage 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 \_\_\_\_\_ 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.

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 \_\_\_\_\_ and end about \_\_\_\_\_  
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 \_\_\_\_\_  
no other

14. Power Use. (See marginal note.) The total fall to be utilized is 11.53 feet.  
Discerned between intake or draft tube water level and first free water surface thereby.

The maximum amount of water to be used through the penstock is 8,000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 10,482 horsepower.  
Second foot X fall ÷ 5.5

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

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

The water will be returned to All-American Canal in SW $\frac{1}{4}$  of SE $\frac{1}{4}$  of \_\_\_\_\_  
Name stream      State 40-acre subdivision

Sec. 31 Tp. 16 S. R. 20 E. S.B. M.

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

principal, mining, industrial and recreational included on the same application.



DO NOT FILL IN MOR

Applications must be filed in Imperial use. Domestic use

15. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_

Name city or town, 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, silver, 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 source of pollution, if any

and it will be returned to \_\_\_\_\_ in \_\_\_\_\_ of \_\_\_\_\_

Name stream

State 40-acre subdivisions

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? No If not, state what steps have been taken to secure right of access thereto Contract with United States

Yes or No

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

Andrade, California

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

IMPERIAL IRRIGATION DISTRICT

W. J. Dard

Signature of Applicant

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The attached application is made in connection with the use of water in the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States and all such rights are expressly reserved.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application, the quantity of water named and to use all water thus conveyed, to the site of the power plant so indicated, for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.

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7

DIVISION OF WATER RESOURCES

Application No. 7743 Filed November 7, 1933 at 2:47P. M.

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 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 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 6,000 cubic feet per second, to be diverted from January 1st to December 31st of each year

(b) For diversion to be stored temporarily and later applied to beneficial use acre-feet per annum, to be collected between and of each season.

NOTE—Amount (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 amount may be increased after application is filed.

3. The use to which the water is to be applied is generation of electric energy for light, heat, power and other uses.

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 at Imperial Dam to be constructed by the United States in connection with All American Canal, located S. 8 50' E. 2495 feet from N.W. corner Section 9 being within the Lot 2

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

5. The main conduit terminates in Lot 2 of Sec 15, Tp. 17 S. R. 15 E., S.B.M.

Description of Diversion Works

NOTE—An application can not be approved for an amount greater 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 rock fill covered with concrete

(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

7. Storage Reservoir

The storage reservoir will flood lands in

It will have a capacity of acre-feet

8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) 118.75 feet; width at bottom 80 feet; depth of water 13.25 feet; length 333,000 feet; grade 0.08 feet per 1,000 feet; materials of construction Earth, rock and concrete.
(b) Pipe line: Diameter inches; length feet; grade feet per 1,000 feet; total fall from intake to outlet feet; kind

Norm.—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 cubic feet per second
The estimated cost of the diversion works proposed is \$8,100,000

Completion Schedule

10. Construction work Started July, 1934
Construction work will be completed within 5 years after approval of this application.
The water will be completely applied to the proposed use within 20 years after approval of this application.

Description of Proposed Use

11. Place of Use, Sec. 13, T 17 S, R 15 E, S.B.M.
State 40-acre subdivisions of the public land survey. If use is contemplated indicate the location or if lines of the public land survey were prepared. 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
To be furnished in connection with All American Canal
If applicant does not own land whereon use of water will be made, state what arrangements have been made with owner.

12. Domestic Use.
Domestic use is proposed as follows:
Describe nature of use which may include such uses and the irrigation of domestic gardens not exceeding one-half acre each in use 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 22.65 acres.
The segregation of acreage as to crops is as follows: Rice acres; alfalfa acres; orchard acres; general crops acres.

Norm.—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 and end about
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

14. Power Use. (See marginal note.) The total fall to be utilized is 22.65 feet.

The maximum amount of water to be used through the penstock is 6,000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 15443.2 horsepower.

The use to which the power is to be applied is for distribution and sale, pumping and incidental uses

The nature of the works by means of which power is to be developed is turbine

The water will be returned to All American Canal in SW 1/4 of Sec. 13 of T 17 S, R 15 E, S.B.M.

PHS 13, 14, 15, 16, 17 and 18
al, mining, industrial and recrea-
ncluded on the same application.

1919-1926
1927-1934
1935-1940
1941-1946
1947-1952
1953-1958
1959-1964
1965-1970
1971-1976
1977-1982
1983-1988
1989-1994
1995-2000

DO NOT FILL IN MORE

Applications must be filed upon  
federal uses. Domestic use, wh

15. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_  
Name city or town, 1900  
\_\_\_\_\_ 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, silver, 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, acre feet basis of estimate

The water will be polluted by chemicals or otherwise \_\_\_\_\_  
will not Explain source of pollution, if any

and it will be returned to \_\_\_\_\_ in \_\_\_\_\_ of  
will not Name stream State where 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? No If not, state what steps have been taken to secure right of access thereto contract with the United States  
Yes or No

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

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?  
None

IMPERIAL IRRIGATION DISTRICT

By: [Signature]  
Signature of Applicant

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SUPPLEMENTAL STATEMENT

The attached application is made in connection with the use of water in the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States and all such rights are expressly reserved.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application, the quantity of water named and to use all water thus conveyed, to the site of the power plant so indicated, for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.

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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittee:

1. The amount of water appropriated shall be limited to 6,000 cubic feet per second, or so much thereof as may be flowing at any time in the All-American Canal at the site of the power plant covered by said application, from January 1st to December 31st of each year.

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 with Imperial Irrigation District, an irrigation district of the State of California, to construct the All-American Canal for said District and to deliver to the District at the District's point of diversion for said Canal, known as Imperial Dam, water for irrigation and domestic purposes in the quantity as in said contract provided and as referred to and set out in permit issued in the matter of Application No. 7482. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal; said application covers one of such possibilities which the District proposes to develop. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power, and other purposes; provided, however, that any and all rights acquired under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.

4. In conformity with the provisions of that certain Agreement between Imperial Irrigation District and Coachella Valley County Water District, dated the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said Agreement, this permit is approved to Imperial Irrigation District.

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

Section 1190. 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 1191. 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 appropriation of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1192. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the 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, water 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).

Permit 7648



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

DIVISION OF WATER RESOURCES

Application No. 7742 Filed November 7, 1935 at 2:47 P.M.

AMENDED 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 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 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 8,000 cubic feet per second, to be diverted from January 1st to December 31st of each season.

(b) For diversion to be stored temporarily and later applied to beneficial use 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 amount stated must be in definite terms of some established unit of measurement. Neither these amounts nor the seasons may be increased after application is filed.

3. The use to which the water is to be applied is generation of electric energy for light, heat, power and other uses.

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 at Imperial Dam to be constructed by the United States in connection with All-American Canal, located S. 8° 50' E., 2495 ft. from N.W. corner Section 9 being within Lot 2

of Section 9, T. 15 S., R. 24 E., S. 1/4 S. 1/4 E., S. 1/4 S. 1/4 E., in the County of Imperial

5. The main conduit commences in E 1/2 of NW 1/4 of Sec 3, T. 17 S., R. 17 E., S. 1/4 S. 1/4 E.

Description of Diversion Works

NOTE.—An application can not be approved for an amount greater 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 on level of overflow); 1320 feet long on top; and constructed of Rock fill covered with concrete

(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

7. Storage Reservoir

The storage reservoir will flood lands in

It will have a capacity of acre-feet.

Drawings in form, attach extra sheets at top of page 1 and cross reference.



8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) 170.96 feet; width at bottom 114.00 feet; depth of water 14.24 feet; length 275,800 feet; grade 0.081 feet per 1,000 feet; materials of construction Earth, rock and concrete

(b) Pipe line: Diameter inches; length feet; grade feet per 1,000 feet; total fall from intake to outlet feet; kind

Norm.—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 cubic feet per second

The estimated cost of the diversion works proposed is \$5,100,000

Completion Schedule

10. Construction work Started July, 1934

Construction work will be completed within 5 years after approval of this application.

The water will be completely applied to the proposed use within 20 years after approval of this application.

Description of Proposed Use

11. Place of Use. E 1/2 of NW 1 of Section 3, T 17 S, R 17 E, S.B.M.

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

To be furnished in connection with All-American Canal

12. Domestic Use. Domestic use is proposed as follows:

The amount for which application is made was determined by

13. Irrigation Use. (See marginal notes.) The area to be irrigated is acres.

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

14. Power Use. (See marginal notes.) The total fall to be utilized is 42.89 feet.

The maximum amount of water to be used through the penstock is 8,000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 45,173 horsepower.

The use to which the power is to be applied is for distribution and sale, pumping and incidental uses

The nature of the works by means of which power is to be developed is turbines

The water will be returned to All-American Canal in E 1/2 of NW 1

Sec. 3, Tp. 17 S., R. 17 E., S.B. M.

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

cial, mining, industrial and recre-  
e included on the same application.

DO NOT FILL IN MORE

Applications must be filed upon additional uses. Domestic use only

16. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_

Name city or town, town

having a present population of \_\_\_\_\_

r. town. Urban area only

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:

18. 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, silver, 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 co-acre subdivisions

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? No If not, state what steps have been taken to secure right of access thereto. contract with the United States

Yes or No

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

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

IMPERIAL IRRIGATION DISTRICT

By [Signature]

Signature of Applicant

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SUPPLEMENTAL STATEMENT

The attached application is made in connection with the use of water in the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States and all such rights are expressly reserved.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application, the quantity of water named and to use all water thus conveyed, to the site of the power plant so indicated, for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.

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PERMIT No. 7647

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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittee:

1. The amount of water appropriated shall be limited to 8,000 cubic feet per second, or so much thereof as may be flowing at any time in the All-American Canal at the site of the power plant covered by said application, from January 1st to December 31st of each year.

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 with Imperial Irrigation District, an irrigation district of the State of California, to construct the All-American Canal for said District and to deliver to the District at the District's point of diversion for said Canal, known as Imperial Dam, water for irrigation and domestic purposes in the quantity as in said contract provided and as referred to and set out in Permit issued in the matter of Application No. 7482. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal; said application covers one of such possibilities which the District proposes to develop. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power, and other purposes; provided, however, that any and all rights acquired under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.

4. In conformity with the provisions of that certain Agreement between Imperial Irrigation District and Coachella Valley County Water District, dated the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said Agreement, this permit is approved to Imperial Irrigation District.

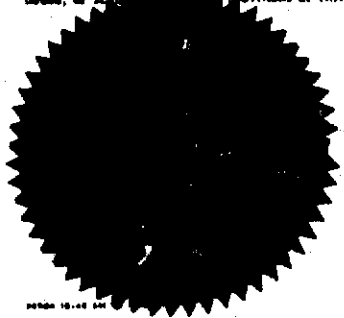
This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1190. 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 1191. 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 1192. 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 service or the price of the service 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 sum of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Permit 7647



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

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SUPPLEMENTAL STATEMENT

The attached application is made in connection with the use of water

**DIVISION OF WATER RESOURCES** to the rights of applicant by

Application No. 7741 Filed November 7, 1935 at 2:46 P.M.

(Applicant must not fill in the above blanks)

MEMORANDUM RECEIVED 2/24/36

**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 County of Imperial

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 measured  
 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 8,000 cubic feet per second, to be diverted from JANUARY 1st to December 31st of each season.  
1 cubic foot per second equals 448 gallons per minute or 3,136,736 gallons per day  
Beginning date each season Closing date each season

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet per annum, to be collected between \_\_\_\_\_ and \_\_\_\_\_ of each season.  
1 acre-foot equals 435,600 gallons  
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 generation of electric energy for light, heat, power and other uses.  
irrigation, power, municipal, mining, industrial, recreational, domestic. Recreational use may be deemed to include all use incidental to a resort such as domestic, bathing, fish culture, etc.

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

4. The point of diversion is to be located at Imperial Dam to be constructed by the United States in connection with the All American Canal, located S. 8 50' E. 2495 ft. from N.W. corner Sec. 9

being within the Lot 2 of Section 9, T<sub>15</sub> S., R. 24 E., S. R. M., in the County of Imperial  
State 40-acre subdivision of U. S. Government survey or projection thereof

5. The main conduit terminates in W<sub>2</sub> of NE<sub>1</sub> of Sec. 4, T<sub>17</sub> S., R. 18 E. S. R. 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); 1270 feet long on top; and constructed of rock fill covered with concrete slab  
Concrete, earth, brush, etc.

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

(a) Canal, ditch, flume: Width on top (at water line) 174.28 feet; width at bottom 116.30 feet; depth of water 14.57 feet; length 247,200 feet; grade 0.0785 feet per 1,000 feet; materials of construction Earth, rock, and concrete  
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 \_\_\_\_\_  
Iron, 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 descriptions, also show location of each clearly on map.

9. The estimated capacity of the diversion works proposed is 15,000 cubic feet per second  
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is 36,100,000  
Give only cost of water, or headworks, pumps, storage reservoirs and main conduits described herein

### Completion Schedule

10. Construction work ~~will begin~~ Started July, 1934  
 Construction work will be completed within 5 years after approval of this application.  
 The water will be completely applied to the proposed use within 20 years after approval of this application.

### Description of Proposed Use

11. Place of Use. Part of NE 1/4 Section 4, T. 17 S., R. 18 E., S. 2 R.M.  
State 40-acre subdivisions of the public land survey. If one is unsurveyed indicate the location or if those of the public land survey were proposed. In the case of irrigation use state the number of acres to be irrigated in each adverse tract, if open permits. If open does not permit listing all adverse tracts, describe acre 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

To be furnished in connection with All American Canal

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

Domestic use is proposed as follows: \_\_\_\_\_  
Domestic nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre each in one assessed with plans 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 24.37 acres.  
State acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice \_\_\_\_\_ acres; alfalfa \_\_\_\_\_ acres; orchard \_\_\_\_\_ acres; general crops \_\_\_\_\_ 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 \_\_\_\_\_ and end about \_\_\_\_\_  
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 \_\_\_\_\_

14. Power Use. (See marginal note.) The total fall to be utilized is 24.37 feet.  
Difference between angle of draft tube water level and flow (on water surface above)

The maximum amount of water to be used through the penstock is 8,000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 22,134.5 horsepower.  
Head feet X ft

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

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

The water will be returned to All American Canal in W 1/2 of NE 1/4 of \_\_\_\_\_  
Name course State 40-acre subdivision

Sec. 4, Tp. 17 S., R. 18 E., S. 2 R.M.

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

DO NOT FILL IN MOI  
Applications must be filed  
Domestic use. Domestic use.

\_\_\_\_\_ 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 \_\_\_\_\_  
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 \_\_\_\_\_  
and it will be returned to \_\_\_\_\_ in \_\_\_\_\_ of  
Name stream State or city 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? No If not, state what steps have been taken to secure right of access thereto. Contract with United States  
Yes or No

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

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?  
None

IMPERIAL IRRIGATION DISTRICT  
By [Signature] Signature of Applicant

SUPPLEMENTAL STATEMENT

The attached application is made in connection with the use of water in the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States and all such rights are expressly reserved.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application, the quantity of water named and to use all water thus conveyed, to the site of the power plant so indicated, for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.



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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittees:

1. The amount of water appropriated shall be limited to 8000 cubic feet per second, or so much thereof as may be flowing at any time in the All-American Canal at the site of the power plant covered by said application, from January 1st to December 31st of each year.

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 with Imperial Irrigation District, an irrigation district of the State of California, to construct the All-American Canal for said District and to deliver to the District at the District's point of diversion for said Canal, known as Imperial Dam, water for irrigation and domestic purposes in the quantity as in said contract provided and as referred to and set out in Permit issued in the matter of Application No. 7482. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal; said application covers one of such possibilities which the District proposes to develop. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power, and other purposes; provided, however, that any and all rights acquire under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.

4. In conformity with the provisions of that certain Agreement between Imperial Irrigation District and Coachella Valley County Water District, dated the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said Agreement, this permit is approved to Imperial Irrigation District.

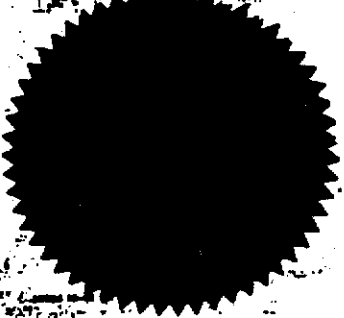
*This permit is issued and permittee takes it subject to the following provisions of the Water Code:*

Section 1394. 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 agreement that any appropriation of water to which 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 several amounts 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) or in respect to any valuation for purposes of sale to or regulation by any competent public authority of the service or the price of the service 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 regulation by any competent public authority of the service or the price of the service 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).

Permit 7646



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*  
EDWARD HYATT, State Engineer

DEPARTMENT OF PUBLIC WORKS  
DIVISION OF WATER RESOURCES

Application No. 7740 Filed November 7, 1933 at 2:46 P.M.

AMENDED APPLICATION RECEIVED 2/24/36

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 County of Imperial  
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  
located in Imperial County, tributary to Gulf of California  
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

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, 8,000 cubic feet per second, to be diverted from JANUARY 1st to December 31st of each season.  
1 cubic foot per second equals 448 gallons per minute or 3,137 gallons per day

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet per annum, to be collected between \_\_\_\_\_ and \_\_\_\_\_ of each season.  
1 acre-foot equals 325,721 gallons

Begin and close dates 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 generation of electrical energy for light, heat, power and other uses  
irrigation, power, municipal, mining, industrial, recreational, domestic. Recreational use may be deemed to include all use incidental to a resort such as domestic, bathing, 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 at Imperial Dam to be constructed by United States in connection with All American Canal, located S. 80° 50' E. 2495 ft. from N.W. corner Section 9  
State bearing and distance or azimuth distance to section or quarter section corner

being within Lot 2 of Section 9, T<sub>15 S.</sub>, R 24 E., S<sub>2 B. M.</sub>, in the County of Imperial  
State 40-acre subdivisions of U. S. Government survey or projection thereof

5. The main conduit terminates in E. of NW 1/4 of Sec. 4, T<sub>17 S.</sub> R 19 E. S<sub>2 B. M.</sub>  
State 40-acre subdivisions of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application can not be approved for an amount greatly 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 Rack fill covered with concrete  
Concrete, masonry, brush, etc.

(c) The storage dam will be \_\_\_\_\_ feet in height (stream bed to overflow level); \_\_\_\_\_ feet long on top; have a crest of \_\_\_\_\_ feet, and be constructed of \_\_\_\_\_  
Concrete, masonry, etc.

7. Storage Reservoir

The storage reservoir will flood lands in \_\_\_\_\_  
Indicate design or section, also 40-acre subdivisions unless there are none

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

SWP in case of insufficient space answers in form, attach extra sheets at top of page 5 and cross reference.

APR 22 1936

(a) Canal, ditch, flume: Width on top (at water line) 175.32 feet; width at bottom 112.20 feet; depth of water 14.73 feet; length 218,000 feet; grade 0.0772 feet per 1,000 feet; materials of construction Earth, rock and concrete  
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 \_\_\_\_\_  
Reinforced 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 cubic feet per second  
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is \$6,100,000  
Give only cost of labor, or hardware, pumps, storage reservoirs and other materials described herein

### Completion Schedule

10. Construction work ~~proposed~~ started July, 1934

Construction work will be completed within 5 years after approval of this application.

The water will be completely applied to the proposed use within 20 years after approval of this application.

### Description of Proposed Use

11. Place of Use. within Pt. Heald, E<sup>1</sup> of NW<sup>1</sup> Sec. 4, T 17 S, R 19 E, S.B.M.  
State the subdivision of the public land survey. Use is surveyed 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 them 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

To be furnished in connection with All American Canal

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: \_\_\_\_\_  
Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre each in use associated 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 \_\_\_\_\_ 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.

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 \_\_\_\_\_ and end about \_\_\_\_\_  
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 \_\_\_\_\_  
no other

14. Power Use. (See marginal note.) The total fall to be utilized is 24.37 feet.  
Distance between nozzle or draft tube water level and free flow water surface above

The maximum amount of water to be used through the penstock is 8,000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 22,154.5 horsepower.  
Second form X fall ÷ 5.5

The use to which the power is to be applied is for distribution and sale and pumping and incidental use  
For distribution and sale at present use, etc.

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

The water will be returned to All American Canal in E<sup>1</sup> of NW<sup>1</sup>  
Name stream      State the subdivision

Sec. 4, Tp. 17 S., R. 19 E., S. B.M.

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

DO NOT FILL IN MOF

Applications must be filed in original use. Domestic use

\_\_\_\_\_ 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 \_\_\_\_\_  
\_\_\_\_\_ and the nature of the mines is \_\_\_\_\_  
Name of claim 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, flow base 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 district 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  No 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?  No  Yes If not, state what steps have been taken to secure right of access thereto \_\_\_\_\_  
Yes or No Contract with United States

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

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?  
None

IMPERIAL IRRIGATION DISTRICT

By M. J. D. D.  
Signature of Applicant

SUPPLEMENTAL STATEMENT

The attached application is made in connection with the use of water in the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States and all such rights are expressly reserved.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application, the quantity of water named and to use all water thus conveyed, to the site of the power plant so indicated, for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.

This is to certify that the application of water for use 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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittee:

1. The amount of water appropriated shall be limited to 8,000 cubic feet per second, or so much thereof as may be flowing at any time in the All-American Canal at the site of the power plant covered by said application, from January 1st to December 31st of each year.
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 with Imperial Irrigation District, an irrigation district of the State of California, to construct the All-American Canal for said District and to deliver to the District at the District's point of diversion for said Canal, known as Imperial Dam, water for irrigation and domestic purposes in the quantity as in said contract provided and as referred to and set out in permit issued in the matter of Application No. 7482. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal; said application covers one of such possibilities which the District proposes to develop. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power, and other purposes; provided, however, that any and all rights acquired under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.
4. In conformity with the provisions of that certain Agreement between Imperial Irrigation District and Coachella Valley County Water District, dated the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said Agreement, this permit is approved to Imperial Irrigation District.

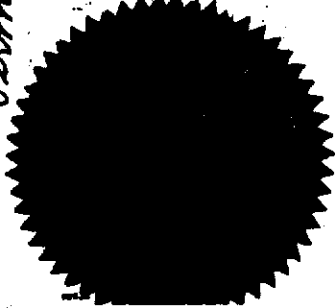
This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1190. A permit shall be effective for each 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 1191. 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 1192. Every permittee, if he accepts a permit, does so under the condition 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 curvins or the price of the curvins 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).

Permit 7645



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*  
EDWARD HYATT, State Engineer

**APPROPRIATED APPLICATION RECEIVED 2/24/36;**  
**APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER**

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

I, IMPERIAL IRRIGATION DISTRICT - Coachella Valley County Water Distr  
Name of applicant (See Sec. 20  
Comp. Procs. 111-112)

of El Centro 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  
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 13,000 cubic feet per second, to be diverted from January 1st to December 31 of each year

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet 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 generation of electric energy for light, heat, power and other uses.

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 at Imperial Dam to be constructed by United States in connection with All American Canal, located S. 60° 50' E. 2425 ft. from N.W. corner Section 9 being within rim Lot 2

of Section 9, T<sub>p.</sub> 15 S., R. 24 E., S. & M., in the County of Imperial

5. The main conduit extension is NW 1/4 of SW 1/4 of Sec. 25, T. 16 S., R. 21 E., S. & M.

**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 rock fill covered by concrete slab

(c) The storage dam will be \_\_\_\_\_ feet in height (stream bed to overflow level); \_\_\_\_\_ feet long on top; have a fringed crest of \_\_\_\_\_ feet, and be constructed of \_\_\_\_\_

7. Storage Reservoir

The storage reservoir will flood lands in \_\_\_\_\_ acres, and a capacity of \_\_\_\_\_ acre-feet.

APR 22 1936

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

a. CONDUIT SYSTEM (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) 272.14 feet; width at bottom 150 feet; depth of water 20.61 feet; length 110,000 feet; grade 0.0825 feet per 1,000 feet; materials of construction Earth, rock and concrete. (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 works proposed is 15,000 cubic feet per second. The estimated cost of the diversion works proposed is \$6,100,000.

Completion Schedule

10. Construction work started July, 1934. Construction work will be completed within 5 years after approval of this application. The water will be completely applied to the proposed use within 20 years after approval of this application.

Description of Proposed Use

11. Place of Use. Place of Use. NE 1/4 of SW 1/4 of Sec. 25, T 16 S, R 21 E, S.B.M. Does applicant own the land whereon use of water will be made? Yes.

To be furnished in connection with All-American Canal. 12. Domestic Use. Domestic use is proposed as follows: The amount for which application is made was determined by

13. Irrigation Use. (See marginal note.) The area to be irrigated is acres. The segregation of acreage as to crops is as follows: Rice acres; alfalfa acres; orchard acres; general crops 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 and end about. 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

14. Power Use. (See marginal note.) The total fall to be utilized is 55 (50 Min. - 60 Max.) feet. The maximum amount of water to be used through the penstock is 13,000 cubic feet per second. The maximum theoretical horsepower capable of being generated by the works is 87,250 - 88,636 horsepower.

The use to which the power is to be applied is for distribution and sale and pumping and incidental use. The nature of the works by means of which power is to be developed is turbine. The water will be returned to Colorado River in SE 1/4 of SW 1/4 of Sec. 25, Tp. 16 S, R. 21 E, S.B.M.

GRAPHS 13, 14, 15, 16, 17 and 18 principal, mining, industrial and recreational be included on the same application.



Applications must be filed by  
Municipal Use. Domestic use w

15. Municipal Use. (See marginal note.) This application is made for the purpose of serving \_\_\_\_\_  
\_\_\_\_\_ having a present population of \_\_\_\_\_  
Urban areas only

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 \_\_\_\_\_  
\_\_\_\_\_ and the nature of the mines is \_\_\_\_\_  
Name of claim  
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 be polluted by chemicals or otherwise \_\_\_\_\_  
Explain nature of pollution, if any

and it will be returned to \_\_\_\_\_ in \_\_\_\_\_ of \_\_\_\_\_  
will not 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? No If not, state what steps have been taken to secure right of access thereto Contract with the United States  
Yes or No

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

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

The attached application is made in connection with the use of water in and from the All-American Canal, and is supplementary to the rights of applicant by appropriation and under its contract with the United States hereinafter referred to. The All-American Canal Contract between applicant and the United States, dated December 1, 1932, provides for a capacity from Imperial Dam to Siphon Drop of 15,000 cubic feet of water per second and from Siphon Drop to Pilot Knob, the point designated in this application as the point where the power plant will be situated, of 13,000 cubic feet of water per second.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated and to use water through the All-American Canal from natural flow, from storage in Boulder Canyon reservoir and otherwise to a maximum of 13,000 cubic feet of water per second at Pilot Knob for power purposes when the water, or a portion of it, is not required for use within Imperial Irrigation District. That portion of the water that will be carried in the All-American Canal westerly from Pilot Knob to Imperial Irrigation District will be primarily used for irrigation and domestic purposes but will be incidentally used for power at various points on the All-American Canal and in the applicant's canal system and by this application to appropriate water for power purposes at the point indicated at Pilot Knob, applicant does not waive the right to pass any part of said water through the All-American Canal westerly from Pilot Knob and use the same for power purposes at other points on or in connection with the canal system of the applicant, and the All-American Canal, but that the right to use said water or any part of it for power purposes on or in connection with the canal system of the applicant and the All-American Canal is expressly reserved to applicant.

PERMIT No. 7644

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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittee:

1. The amount of water appropriated shall be limited to the amount available in the Colorado River at Imperial Dam for diversion into and carriage through the All-American Canal to Pilot Knob for the generation of electric power at the site covered by said application, and shall not exceed 13,000 cubic feet per second, to be diverted from January 1st to December 31st of each year.

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 with Imperial Irrigation District, an irrigation district of the State of California, to construct the All-American Canal for said District and has included capacity in said Canal from Imperial Dam to Pilot Knob in addition to that required by the District for irrigation and domestic purposes; this additional capacity and other capacity in the Canal unused from time to time are available for power development at Pilot Knob. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal; the said application covers one of such possibilities which the District proposes to develop. Under said contract, the United States also recognizes the right of the District to divert water to the full capacity of the All-American Canal if and when water over and above the quantity apportioned to the District under said contract is available; and the United States further agrees that no power development at Imperial and/or Laguna Dam shall be permitted to interfere with such diversion by the District. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power and other purposes; provided, however, that any and all rights acquired under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.

4. In conformity with the provisions of that certain agreement of compromise between Imperial Irrigation District and Coachella Valley County Water District, dated the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said contract this permit is approved to Imperial Irrigation District and Coachella Valley County Water District as their respective privileges to utilize power possibilities on the All-American Canal may appear from their respective contracts with the United States, to wit: Imperial Irrigation District's contract with the United States, dated December 1, 1932, and Coachella Valley County Water District's contract with the United States, dated October 15, 1934. This permit is therefore issued in duplicate originals.

-2-

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 service or the price of the service 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 assigned 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

1647

[For full information concerning the filling out and filing of this form refer to Regulations and 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. 8678 Filed May 25, 1936 at 10:42/M.  
(Applicant must not fill in the above blanks)

**AMENDED APPLICATION RECEIVED**  
**APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER**

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

I, COACHELLA VALLEY COUNTY WATER DISTRICT & Imperial Irrigation Dist.  
Name of applicant  
of Coachella County of Riverside  
For 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 source of source and that it is assumed  
located in Imperial County, tributary to Gulf of Lower 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 2000 cubic feet per  
1 cubic foot per second equals 7.48 gallons per minute or 646,317 gallons per day  
second, to be diverted from January 1 to December 31 of each season.  
Beginning date each season Closing date each season

(b) For diversion to be stored temporarily and later applied to beneficial use \_\_\_\_\_ acre-feet  
1 acre-foot equals 435,431 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 Power  
Irrigation, power, municipal, mining, industrial, recreational, domestic. Recreational use may be deemed to include all uses incidental to a resort such as dancing, boating, fish culture, etc.  
\_\_\_\_\_ 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 to be located at Imperial Dam, S. 8° 50' E., 2945'  
State bearing and distance or coordinates distance to section or quarter section corner  
from N.W. Corner of Section 9, T. 15 S., R. 24 E., S.B.M.  
being within NE Lot 2  
State 16-acre subdivision of U. S. Government survey or projection thereof

of Section 9, T. 15 S., R. 24 E., S. B. M., in the County of Imperial  
State 16-acre subdivision of U. S. Government survey or projection thereof

5. The main conduit terminates in N. E. 1/4 N. 1/4 of Sec. 10, T. 16 S., R. 19 E., S.B.M.  
State 16-acre subdivision of U. S. Government survey or projection thereof

**Description of Diversion Works**

**NOTE**—An application can not be approved for an amount greater 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 hollow concrete Indian wier type dam.  
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 \_\_\_\_\_

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

**NOTE**—In case of insufficient space for answers in form, attach extra sheets at top of page 1 and cross reference

8. Conduit System (describe main conduit only):

(a) Canal, ditch, flume: Width on top (at water line) 232.14 feet; width at bottom 160 feet; depth of water 20.61 feet; length 1.35 miles; grade 0.0826 feet per 1,000 feet; materials of construction earth.

(b) Pipe line: Diameter inches; length feet; grade feet per 1,000 feet; total fall from intake to outlet feet; kind.

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 cubic feet per second.

The estimated cost of the diversion works proposed is \$6,100,000.

Completion Schedule

10. Construction work will begin within 4 months after approval of this application. Construction work will be completed within 5 years after approval of this application. The water will be completely applied to the proposed use within 20 years after approval of this application.

Description of Proposed Use

11. Place of Use. Power plant will be located in N.E. 1/4 N.E. 1/4 Sec. 10, T. 16 S., R. 19 E., S.B.M.

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

Contract with United States.

12. Domestic Use. Domestic use is proposed as follows:

The amount for which application is made was determined by.

13. Irrigation Use. (See marginal note.) The area to be irrigated is acres.

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

14. Power Use. (See marginal note.) The total fall to be utilized is 35.27 feet.

The maximum amount of water to be used through the penstock is 2000 cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is 7561.3 horsepower.

The use to which the power is to be applied is distribution and sale and pumping and incidental project uses.

The nature of the works by means of which power is to be developed is Turbine.

The water will be returned to Colorado River.

PARAGRAPHS 13, 14, 15, 16, 17 and 18 river, municipal, mining, industrial and recreational uses may be included on the same application.

Table with multiple rows and columns for additional information or notes.

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; insofar as jurisdiction exists in the State of California, as supplemental to other rights of, and without prejudice to, any existing or vested rights of permittee:

1. The amount of water appropriated shall be limited to 2,000 cubic feet per second, or so much thereof as may be flowing at any time in the All-American Canal at the site of the power plant covered by said application, from January 1st to December 31st of each year.

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 with Coachella Valley County Water District, a County Water District of the State of California, and as such a public agency, to construct capacity in the All-American Canal for said District and to deliver to said District at the District's point of diversion for said Canal known as Imperial Dam, water for irrigation and domestic purposes in the quantity as in said contract provided and as referred to and set out in Permit No. 7650. Under authority of said Act of Congress and as provided in said contract, the United States has granted to the District the right to utilize power possibilities on the All-American Canal. Said application covers one of such possibilities which the District proposes to develop. 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 the rights held or claimed by said applicant under said contract with the United States, or under appropriation, user, or otherwise, to the use of water of and from the Colorado River for irrigation, domestic, power, and other purposes; provided, however, that any and all rights acquired under this permit shall be subject to said interstate compact and in particular to the provisions of Article IV(b) thereof which provide that the use of water of the Colorado River system for the generation of electric power shall be subservient to the use and consumption of such water for agricultural and domestic purposes within the United States and shall not interfere with or prevent use for such dominant purposes.

4. In conformity with the provisions of that certain agreement of compromise between Imperial Irrigation District and Coachella Valley County Water District, dated

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 7551

the 14th day of February, 1934, and in conformity with the provisions of Section 20 of said Contract this permit is approved to Coachella Valley County Water District and Imperial Irrigation District as their respective privileges to utilize power possibilities on the All-American Canal may appear from their respective contracts with the United States, to-wit: Imperial Irrigation District's Contract dated December 1, 1932, and Coachella Valley County Water District's Contract with the United States dated October 15, 1934. This permit is therefore issued in duplicate originals.

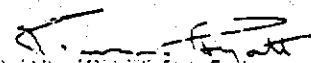
This permit is issued and permittee takes it subject to the following provisions of the Water Code:

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 several amounts paid to the State therefor shall at any time be asserted 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 6th day of January 1934

  
State Engineer



1. MAIN CONT.  
2. Blanks for irrigation  
3. Blanks for other use.

DO NOT WRITE IN THIS SPACE

Blank lines for notes or additional information.

SUPPLEMENTAL CONTRACT.

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 is 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.

This application is made in connection with the use of water in and from the All-American Canal and is supplemental to the rights of applicant by appropriation and under its contract with the United States for construction of capacity in the All-American Canal, etc., dated October 15, 1934.

It is proposed by applicant and applicant claims the right to divert from the Colorado River at the point indicated in this application and convey through the All-American Canal to the site of the power plant indicated in this application the quantity of water named and to use all water thus conveyed for power purposes. Applicant also claims the right to divert, convey and use such water for other purposes and for power purposes at other power sites and all such rights are expressly reserved.

18. Recreational Use. (See marginal note.) Water will be used for \_\_\_\_\_  
Describe nature and purpose 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 <sup>Amended</sup> 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? NO If not, state what steps have been taken to secure right of access thereto Contract with United States.  
Yes or No

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

Imperial Irrigation District, El Centro, California.

STEWART, SHAW & MURPHEY

COACHELLA VALLEY COUNTY WATER DISTRICT

By Arvin B. Shaw  
Attorneys for Applicant.

(SIGNATURE OF APPLICANT) By Arvin B. Shaw  
Attorney.