

File



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551

PHONE (925) 454-5000

May 1, 2007

Division of Water Rights
State Water Resources Control Board (via Fax: 916-341-5400)
P.O. Box 2000
Sacramento, CA 95812-2000

Subject: Water Rights Permit No. 11319

This documents that the 2006 Progress Report will be submitted within a week. David Lunn of our office has been in phone contact with your office regarding the status and formal deadline extension of the Progress Report, and he has been told that our delayed submittal is acceptable.

Please call me at (925) 454-5004, or e-mail me at vwong@zone7water.com, if you have any questions.

Very truly yours,

Vincent D. Wong
Assistant General Manager

Cc: Jill Duerig
David Lunn

STATE WATER RESOURCES
CONTROL BOARD
2007 MAY -2 AM 9:05
DIVISION OF WATER RIGHTS
SACRAMENTO

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

Application 17002 Permit 11319 License _____

**ORDER APPROVING A NEW DEVELOPMENT SCHEDULE
AND AMENDING THE PERMIT**

WHEREAS:

1. Permit 11319 was issued to Pleasanton Township County Water District on April 29, 1958 pursuant to Application 17002. Permit 11319 was subsequently assigned to Alameda County Flood Control and Water Conservation District, Zone 7.
2. Permittee has been proceeding by phases to complete the project. A fourth petition for an extension of time within which to develop the project and apply the water to the proposed use was filed with the State Water Resources Control Board on January 2, 1997.
3. The permittee has proceeded with diligence and good cause has been shown for said extension of time.

NOW, THEREFORE, IT IS ORDERED THAT:

A new development schedule is approved as follows:

COMPLETE APPLICATION OF THE
WATER TO THE PROPOSED USE
SHALL BE MADE BY

December 31, 2007

(0000009)

Dated: **AUGUST 18 1997**

for 
Edward C. Anton, Chief
Division of Water Rights

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

APPLICATION 17002

PERMIT 11319

LICENSE _____

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE AND AMENDING THE PERMIT

WHEREAS:

1. A petition for extension of time within which to develop the project and apply the water to the proposed use has been filed with the State Water Resources Control Board.
2. The permittee has proceeded with diligence and good cause has been shown for extension of time.

NOW, THEREFORE, IT IS ORDERED THAT:

1. A new development schedule is approved as follows:

CONSTRUCTION WORK SHALL BE
COMPLETED ON OR BEFORE

December 1, 1993

COMPLETE APPLICATION OF THE
WATER TO THE PROPOSED USE
SHALL BE MADE ON OR BEFORE

December 1, 1996

2. Paragraph 8 of this permit is deleted. A new Paragraph 8 is added as follows:

Pursuant to California Water Code Sections 100 and 275, and the common law public trust doctrine, all rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to protect public trust uses and to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.

The continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to eliminating waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement a water conservation plan, features of which may include but not necessarily be limited to: (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity

limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation. The continuing authority of the Board also may be exercised by imposing further limitations on the diversion and use of water by the permittee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such action is consistent with California Constitution Article X, Section 2; is consistent with the public interest and is necessary to preserve or restore the uses protected by the public trust.

3. Paragraph 16 is added to this permit as follows:

Permittee shall consult with the Division of Water Rights and the Department of Water Resources and develop and implement a water conservation plan or actions. The proposed plan or actions shall be presented to the Board for approval within one year from the date of this permit (order) or such further time as may, for good cause shown, be allowed by the Board. A progress report on the development of a water conservation plan may be required by the Board within this period.

JUNE 4 1985

Dated:

Raymond Walsh

Raymond Walsh, Chief
Division of Water Rights

3. Paragraph 13 to be added to the permit as follows:

The quantity of water diverted under this permit and under any license issued pursuant thereto is subject to modification by the State Water Resources Control Board if, after notice to the permittee and an opportunity for hearing, the Board finds that such modification is necessary to meet water quality objectives in water quality control plans which have been or hereafter may be established or modified pursuant to Division 7 of the Water Code. No action will be taken pursuant to this paragraph unless the Board finds that (1) adequate waste discharge requirements have been prescribed and are in effect with respect to all waste discharges which have any substantial effect upon water quality in the area involved, and (2) the water quality objective cannot be achieved solely through the control of waste discharges.

4. Paragraph 14 be added to the permit as follows:

"Permittee shall, concordant with project operational procedures and objectives, maintain a live, flowing stream in the reaches of Arroyo Del Valle, Arroyo De La Laguna and Alameda Creek from Del Valle Dam to the point of percolation on the Niles Cone downstream from USGS Gauging Station 11-1790 on Alameda Creek near Niles when water stored pursuant to this permit is available."

5. Paragraph 15 be added to the permit as follows:

"Permittee's normal operating procedures are to release water stored pursuant to this permit near Del Valle Dam so that it will flow down Arroyo Del Valle, Arroyo De La Laguna and Alameda Creek into the Niles Cone percolation facilities. Additional operating procedures to meet permittee's needs include transporting Del Valle water in the South Bay Aqueduct for release to Vajecitos Creek and for release to the Mission San Jose Water Treatment Plant. The water released to Vajecitos Creek flows into Arroyo De La Laguna near Sunol and thence in Alameda Creek to the Niles Cone percolation facilities. The above procedures meet the requirements of this permit term."

Dated: DECEMBER 13 1978

Original Signed by
C. L. Whitney

Clint Whitney, Executive Director
Water Rights and Administration

STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

APPLICATION 17002

PERMIT 11319

LICENSE _____

ORDER CORRECTING PERMIT TERMS

WHEREAS:

1. An order granting a new development schedule and amending Permit 11319 (Application 17002) was issued on December 13, 1978. Paragraphs 14 and 15 were added to the permit by that order.
2. Said paragraphs 14 and 15 were not properly written to reflect the terms of a stipulation between the permittee and the State Department of Fish and Game.

NOW, THEREFORE, IT IS ORDERED THAT:

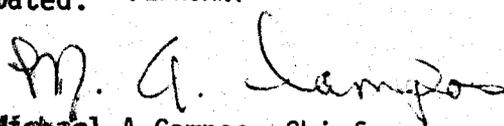
1. Paragraph 14 of the permit 11319 be corrected to read as follows:

"Permittee shall, concordant with project operational procedures and objectives, maintain a live, flowing stream in the reach of Arroyo Del Valle from near Del Valle Dam to the USGS Gaging Station 11-1766 on Arroyo del Valle near the confluence with Arroyo de la Laguna when water stored pursuant to this permit is available."

2. Paragraph 15 of the permit 11319 be corrected to read as follows:

"Permittee's normal operating procedure is to release water stored pursuant to this permit from near Del Valle Dam for the primary purpose of groundwater recharge in the area affected by the channel between the Dam and the USGS Gaging Station 11-1766. Additional operating procedures include transporting local water in the South Bay Aqueduct directly or by exchange with water imported by the Department of Water Resources, for release into Arroyo Mocho, Patterson, Altamont, and (or) South Livermore turn-outs of the aqueduct within the Livermore Valley ground water basin. The foregoing procedures meet the requirements of this permit term."

Dated: FEBRUARY 6 1979



Michael A Campos, Chief
Division of Water Rights

STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

11319

APPLICATION

17002

PERMIT

LICENSE

**ORDER APPROVING A NEW DEVELOPMENT SCHEDULE,
AND AMENDING PERMIT**

WHEREAS:

1. A petition for extension of time within which to develop the project and apply the water to the proposed use has been filed with the State Water Resources Control Board.
2. It appears that the permittee has proceeded with diligence and that good cause has been shown for extension of time.
3. The Board has determined that this extension of time will not operate to the injury of any other legal user of water.

NOW, THEREFORE, IT IS ORDER THAT:

1. A new development schedule is approved as follows:

**CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1983.
APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON
OR BEFORE DECEMBER 1, 1986.**

2. Paragraph 8 of the permit be amended to read as follows:

Pursuant to California Water Code Section 100, all rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.

This continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to minimizing waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement such programs as (1) reusing or reclaiming the water allocated; (2) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (3) suppressing evaporation losses from water surfaces; (4) controlling phreatophytic growth; and (5) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

STATE WATER RESOURCES CONTROL BOARD

ROOM 1015, RESOURCES BUILDING
1416 NINTH STREET • SACRAMENTO 95814



ORDER WR 74-18

ORDER APPROVING PETITION THAT THE REQUIREMENT TO
MAINTAIN THE UNITED STATES GEOLOGICAL SURVEY
GAGING STATION ON ALAMEDA CREEK
NEAR ALVARADO BE ELIMINATED

Application 17002
Application 17003

Permit 11319
Permit 11320

WHEREAS:

1. On June 21, 1973, a petition was filed on behalf of Alameda County Flood Control and Water Conservation District and Alameda County Water District, owners of Permit 11319 and Permit 11320, asking that the requirement of Term 10 of said permits to maintain the United States Geological Survey gaging station on Alameda Creek near Alvarado be eliminated.
2. The construction of the Alameda Creek Flood Control Channel by the U. S. Corps of Engineers required closing Alameda Creek upstream from the gaging station and bypassing Alameda Creek water through a channel constructed along the original Patterson Creek alignment.

Permits 11319 and 11320
(Applications 17002 and 17003)
Page 2

3. The United States Geological Survey gaging station on Alameda Creek near Alvarado is therefore no longer available to measure the flow of water that passes from the upper gaging stations to San Francisco Bay.

NOW, THEREFORE, IT IS ORDERED that the requirement to maintain the United States Geological Survey gaging station on Alameda Creek near Alvarado be eliminated from Term 10 of Permits 11319 and 11320.

Dated: JUN 20 1974

W W Adams
W. W. Adams, Chairman

Ronald B. Robie
Ronald B. Robie, Vice Chairman

Roy E. Dodson
Roy E. Dodson, Member

Mrs. Carl H. Auer
Mrs. Carl H. (Jean) Auer, Member

W. Don Maughan
W. Don Maughan, Member

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
ROOM 1140, RESOURCES BUILDING
1416 NINTH STREET • SACRAMENTO 95814



ORDER APPROVING A NEW DEVELOPMENT SCHEDULE

PERMIT 11319

APPLICATION 17002

WHEREAS A PETITION FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT AND APPLY THE WATER TO THE PROPOSED USE HAS BEEN FILED WITH THE STATE WATER RESOURCES CONTROL BOARD; AND

WHEREAS IT APPEARS THAT THE PERMITTEE HAS PROCEEDED WITH DILIGENCE AND THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME; AND

WHEREAS THE STATE WATER RESOURCES CONTROL BOARD HAS DULY AUTHORIZED THE CHIEF, DIVISION OF WATER RIGHTS TO SIGN THIS ORDER;

NOW THEREFORE IT IS ORDERED THAT A NEW DEVELOPMENT SCHEDULE BE AND THE SAME IS HEREBY APPROVED AS FOLLOWS:

CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1973

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1976

DATED: JUN 10 1971

K. L. Woodward
K. L. WOODWARD, CHIEF
DIVISION OF WATER RIGHTS

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
ROOM 1140, RESOURCES BUILDING
1416 NINTH STREET • SACRAMENTO 95814



ORDER ALLOWING CHANGE IN PLACE OF USE

Permit 11319

Application 17002

WHEREAS permittee and the State Department of Water Resources have executed a contract dated November 13, 1969, for use of Lake Del Valle for local water storage and for other purposes, and

WHEREAS said contract provides for an exchange of water naturally flowing in Arroyo del Valle authorized for appropriation under Permit 11319 for water diverted from the Sacramento-San Joaquin River Delta through the South Bay Aqueduct so that some Arroyo del Valle water may be conveyed through the South Bay Aqueduct for use in supplying the Department's contractors, including those in Santa Clara County, and

WHEREAS permittee on September 5, 1969, petitioned for change in place of use under Permit 11319 so as to add the entire service area of the South Bay Aqueduct to the presently authorized place of use, and in this manner conform its permit to the contract, and

WHEREAS it appears that the change will not operate to the injury of any other legal user of water; and

WHEREAS the State Water Resources Control Board has duly authorized the Chief, Division of Water Rights, to sign this order after review of the petition for change by the Board's Water Rights Committee, and said committee has reviewed and approved said petition;

NOW THEREFORE IT IS ORDERED that permission be and the same is hereby granted to change the place of use under said Application 17002, Permit 11319, to a place of use described as follows, to wit;

THE ENTIRE SERVICE AREA OF THE SOUTH BAY AQUEDUCT OF THE STATE DEPARTMENT OF WATER RESOURCES COMPRISING THE SERVICE AREAS OF SANTA CLARA COUNTY FLOOD CONTROL AND WATER DISTRICT (WHICH INCLUDES ALL OF SANTA CLARA COUNTY), ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7 AND ALAMEDA COUNTY WATER DISTRICT, ALL WITHIN T1S TO T12S, R7E TO R3W, MDB&M.

Dated: MAY 27 1971

K. L. Woodward
K. L. Woodward, Chief
Division of Water Rights

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD

In the Matter of Permit 11319,
Application 17002,
Pleasanton Township County Water District
and
Permit 11320, Application 17003,
Alameda County Water District,
Permittees.

Source: Arroyo
del Valle
County: Alameda

ADOPTED MAR 6 '61

ORDER AMENDING CONDITION NO. 10 OF
PERMITS NOS. 11319 and 11320

The subject permits having been issued on March 31, 1958, to Pleasanton Township County Water District and Alameda County Water District, respectively, upon a condition requiring installation of gaging stations and the obtaining of daily records of discharge at designated locations on Arroyo de la Laguna; stream-flow measurements having been made between 1958 and 1960 by United States Geological Survey pursuant to a contract with the permittees; the information thus obtained being adequate without need for further measurement of discharge on Arroyo de la Laguna; and upon the recommendation of the staff engineering geologist that the gaging stations are not needed, the Board concludes that Condition No. 10 of Permits 11319 and 11320 should be modified to eliminate said gaging stations.

NOW, THEREFORE, IT IS ORDERED that subparagraph d, Condition 10, in Permit 11319, Application 17002, and Permit 11320, Application 17003, be, and the same is, amended by deleting the gaging stations at "Arroyo de la Laguna at Verona Bridge" and "Arroyo de la Laguna near Sunol."

Adopted as the order of the State Water Rights Board at a meeting duly called and held at Sacramento, California, this 6 day of March, 1961.



Kent Silverthorne
Kent Silverthorne, Chairman

W. P. Rowe
W. P. Rowe, Member

Ralph J. McGill
Ralph J. McGill, Member

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 17002PERMIT 11319

LICENSE _____

ORDER ALLOWING CHANGE IN POINT OF DIVERSION

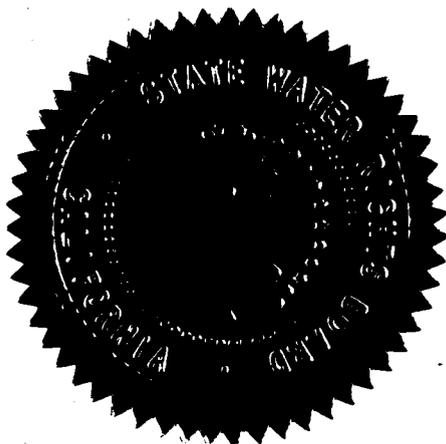
Permittee having established to the satisfaction of the State Water Rights Board that the change in point of diversion under Application 17002, Permit 11319, for which petition was submitted on September 7, 1960, will not operate to the injury of any other user of water, the Board so finds, and

IT IS ORDERED that permission be and the same is hereby granted to change the point of diversion under said Application 17002, Permit 11319, to points of diversion described as follows, to wit:

- (1) NORTH 27° 10' EAST, 3250 FEET FROM THE SW CORNER OF SECTION 3, T4S, R2E, MDB&M, BEING WITHIN THE SE $\frac{1}{4}$ OF NW $\frac{1}{4}$ OF SAID SECTION 3.
- (2) NORTH 30° 00' EAST 800 FEET FROM SW CORNER OF SECTION 14, T3S, R1E, MDB&M, BEING WITHIN THE SW $\frac{1}{4}$ OF SW $\frac{1}{4}$ OF SAID SECTION 14, THE POINTS OF REDIVERSION REMAIN AS PRESENTLY ALLOWED.

WITNESS my hand and the seal of the State Water Rights Board of the State of California this 27th day of December, 1960

L. K. Hill
L. K. HILL
Executive Officer



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

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 17002 Filed April 16, 1956 at 11:39 A.M. (Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, Pleasanton Township County Water District Name of applicant of 645 Main Street, Pleasanton Address County of Alameda State of California

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

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is Arroyo del Valle Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed located in Alameda County, tributary to Alameda Creek

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 cubic feet per second, to be diverted from Beginning date to Closing date of each year.

(b) For diversion to be stored and later applied to beneficial use 60,000* acre-feet per annum, to be collected between January 1 and December 31 of each season.

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

*surface and/or underground storage 3. The use to which the water is to be applied is see supplement Domestic, irrigation, power, municipal, mining, industrial, recreational purposes.

4. The point of diversion is to be located N 27°10' E 3250 feet from the SW corner Section 3, T4S, R2E, MDB&M State bearing and distance or coordinate distances from section or quarter section corner being within the SE 1/4 of NW 1/4 See supplement for points of redirection. State 40-acre subdivision of public land survey or projection thereof of Section 3, T. 4S, R. 2E, MD B. & M., in the County of Alameda

5. The main conduit terminates in SE 1/4 of NW 1/4 of Sec. 3, T. 4S, R. 2E, MD B. & M. State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

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

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

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

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

(c) The storage dam will be 154 feet in height (stream bed to overflow level); 773 feet long on top; have a freeboard of 7 feet, and be constructed of earth Concrete, earth, etc.

7. Storage Reservoir Sanatorium Reservoir See Supplement Name Section 2, 3, 10, 11, 12, 13 and 14, T4S, R2E, MDB&M The storage reservoir will flood lands in Section 18 and 19, T4S, R3E, MDB&M

Indicate section or sections, also 40-acre subdivisions unless shown upon map It will have a surface area of 730 acres, and a capacity of 45,000 acre-feet.

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

8. Conduit System (describe main conduits only)

Will utilize natural channel of Arroyo del Valle

(a) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials of construction _____
Cross out two not used

Earth, rock, timber, etc.

(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1,000 feet; total fall from intake to outlet _____ feet; kind _____
Riveted steel, concrete, wood-stave, etc.

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

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

The estimated cost of the diversion works proposed is \$4,285,000.00
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin on or before July 1, 1957

Construction work will be completed on or before October 1, 1960

The water will be completely applied to the proposed use on or before July 1, 1990

Description of Proposed Use

11. Place of Use. 12,500 acres within the boundaries of the Pleasanton Township County

State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land

Water District and an additional 11,000 acres of the Livermore Valley within the

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

groundwater basin shown on the accompanying map which would be annexed to the District.

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

Do(es) applicant(s) own the land whereon use of water will be made? _____ Jointly? _____
Yes or No Yes or No

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

12. Other Rights. Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands. (See supplement)

Nature of Right <small>(riparian, appropriative, purchased water, etc.)</small>	Year of First Use	Use made in recent years <small>including amount if known</small>	Season of Use	Source of Other Supply
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____

Attach supplement at top of page 3 if necessary. See supplement

13. Irrigation Use. The area to be irrigated is 17,000 acres.
State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice 0 acres; alfalfa 2,000 acres;

orchard 3,000 acres; general crops 9,000 acres; pasture 3,000 acres.

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

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

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

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

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower.
Second feet × fall ÷ 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 _____
Turbines, Pelton wheel, etc.

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

The water will be returned to _____ in _____ of _____
Name stream State 40-acre subdivision

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

SUPPLEMENT

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

The water which is to be used directly from storage will be used for municipal and domestic purposes. The portion of the stored water that will be diverted and rediverted into underground storage will be comingled with other waters flowing into the basin that generally underlies the Pleasanton Township County Water District and portions of the Livermore Valley immediately east of the District, and will be subject to extraction by any and all parties operating wells in the basin. These extractions are used for municipal, domestic, irrigation, industrial, and recreational purposes.

4. The point of diversion is to be located -

A portion of the water may be released from the reservoir and distributed directly from there into the service area. The remainder is to be released into the Arroyo del Valle and rediverted into the percolation areas lying generally along the Arroyo del Valle below the reservoir.

7. Water to be stored in either Sanatorium Reservoir and later rediverted to groundwater storage or directly diverted to groundwater storage. The groundwater basin underlies the Pleasanton Township County Water District and adjacent areas within the Amador and Livermore Valleys as shown on the accompanying map.

12. Nature of Right	Riparian & Appropriative
Year of first Use	1900
Use made in recent years	Irrigation 13,100 Ac. Ft. Industrial 1,000 Ac. Ft. Municipal 4,800 Ac. Ft.
Season of Use	Irrigation Apr. 1 - Oct. 1 Industrial Entire Year Municipal Entire Year
Source of Other Supply	Groundwater Basin

13. Irrigation Use

About 8000 acres are presently irrigated in the service area utilizing about 13,000 acre feet, or about 70% of all groundwater pumped. When supplemental sources are developed it is expected that the irrigated acreage will increase to the ~~27,000~~^{27,000} acres shown in the application which should use about 27,000 acre feet of water. After about 1965 urbanization should start to seriously encroach on agricultural land resulting in a gradual decrease in irrigated acreage after that date until agricultural enterprises will be of minor importance by the year 2000.

See P 11
 10-17-24

15. Municipal use

At present there is about 3000 acres of land developed for urban purposes. This area is now using about 4800 acre feet per year, all of which comes from the groundwater basin. It is expected to grow at the following rate:

<u>Year</u>	<u>Population</u>	<u>Ave. Daily Max. Month</u>	<u>Ave. Daily</u>	<u>Annual Use</u>
1956	15,000	5.5 M6D	4.3 M6D	4800 Ac. Ft.
1960	25,000	7.6 "	5.8 "	6500 " "
1965	40,000	10.5 "	8.1 "	9100 " "
1970	61,000	14.7 "	11.3 "	12,000 " "
1975	95,000	21.3 "	16.4 "	18,500 " "
1980	150,000	32.1 "	24.7 "	27,900 " "
1985	240,000	49.7 "	38.2 "	43,100 " "
1990	360,000	73.1 "	56.2 "	63,500 " "

SUPPLEMENT

NOTE: The present overdraft on the groundwater basin of only about 1000 acre feet is only because the City of San Francisco is not exporting water for municipal uses at present as it has in the past. In the past these exports have been as much as 12,800 acre feet in a single year. This condition, plus the probability of increasing the irrigation demand in the area assures almost immediate utilization for irrigation purposes of the average new yield of 13,200 acre feet of water per year from the project proposed in this application. It is estimated that it may take almost to 1990 for all this new water to be utilized exclusively for municipal purposes.

SUPPLEMENTAL INFORMATION - UNDERGROUND STORAGE

State locations where water will be diverted to underground storage in stream channels or points at which water will be diverted into conduits leading to spreading grounds See Below
*See footnote

being within the ___ of the ___ of Section ___, T ___, R ___

State amount of water to be diverted to underground storage at each location:

(a) Maximum annual amount 60,000 acre-feet. (b) Maximum rate of diversion 250 c.f.s.

Describe works used to divert water to offstream spreading grounds:

(a) Diversion will be made by pumping from old gravel pit adjacent to stream
Sump, offset well, unobstructed channel, etc.

(b) Diversion will be made by gravity, the diverting dam being Diverted into old gravel pit from unobstructed channel.
feet in height (streambed to over-

flow level); _____ feet long on top; and constructed of _____.

Describe conduit used to convey water to offstream spreading grounds:

(a) Canal, ditch, flume: Width at water line 19.5 feet; width at bottom 6 feet; length 6100 feet; grade 1.0 feet per 1000 feet; materials of construction unlined

(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1000 feet; total fall from intake to outlet _____ feet; kind _____

Estimated capacity of conduit to spreading grounds is 200 cubic feet per second.

Describe spreading grounds: Location Sec. 13, 14, 15, 16, 21, 22, 23 and 24 T3S R1E MDB&M
Portions of Sec. 19, 29, 30, 32 and 33 T3S R2E MDB&M
State 40 acre tracts of public land survey or projections thereof
200 acres within a gross area of 2100 acres.
area _____ acres. Type of material gravels; total infiltration capacity 150 to 250 cfs
to loams c.f.s.

Describe spreading operation: As much as possible will be percolated in natural stream channel while remainder will be diverted into a canal and distributed to spreading ponds and gravel pits available within the percolation area. Different combinations of ponds and pits may be used in different years to coordinate with gravel mining enterprises in the area
Describe underground reservoirs: Location within T2 and 3S, R1 and 2E and R1W MDB&M
State sections of public land survey or projections thereof on accompanying map.

projected surface area 35,000 acres; storage capacity 399,000 ac. ft.

State location of points of measurement of water to underground storage SE 1/4 of SE 1/4
Section 24, T 3S, R 1E, MD B&M.

State method of measurement of water to underground storage Recording stream gage and parshall flume at head of distribution canal

* Give ties to upstream and downstream limits of onstream spreading grounds and ties to structures which divert water from stream channel to offstream spreading grounds. For acceptable ties, see pages (12) and (13) of Rules and Regulations pertaining to appropriation of water.

Points of Diversion

- Point of beginning of percolating stream channel.
Arroyo del Valle N60°W 1900 ft. SE Cor. Being within SW 1/4 of SE 1/4 of said Sec. 33
Sec. 33, T3S R2E MDB&M
- Point of end of percolating stream channel.
Arroyo del Valle West 800 ft. SE Cor. Being within SE 1/4 of SE 1/4 of said Sec. 16
Projected Sec. 16 T3s R1E MDB&M
- Point of diversion to offstream percolating area.
North 1200 ft. SE Cor. Being within SE 1/4 of SE 1/4 of said Sec. 24
Projected Sec. 24 T3S R1E MDB&M

15. Municipal Use. This application is made for the purpose of serving Pleasanton, Livermore, Dublin
and Camp Parks Name city or cities, town or towns. Urban areas only having a present population of 15,000

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:

See supplement

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

The method of utilizing the water is _____

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

The water will be polluted by chemicals or otherwise _____
will not
Explain nature of pollution, if any

and it will be returned to _____ in _____ of
will not
Name stream State 40-acre subdivision

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

17. Other Uses. The nature of the use proposed is _____
Industrial, recreational, domestic, stockwatering, fish culture, etc.

State basis of determination of amount needed. _____
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type

industrial use, and unit requirements.

General

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

19. Does the applicant own the land at the proposed point of diversion? No If not, give name and
Yes or No
address of owner and state what steps have been taken to secure right of access thereto W. D. Patterson, Decoto
Road, Centerville, California. No steps taken at this time. Will negotiate with
owner at an early date or will invoke eminent domain proceedings, if necessary.

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

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? City of San Francisco Water Department, Alameda County Water District

Note: This application to be equal in priority and correlative with application
filed on or about the same date by the Alameda County Water District on the same
source and reservoir site.

[SIGNATURE OF APPLICANT] /s/ John G. Busch, President
Pleasanton Township County Water District

IMPORTANT

[Please Read Carefully]

1. Note the terms and conditions of this permit. Construction work must be prosecuted, and the water applied to the beneficial uses intended with due diligence. Annual reports of progress will be expected from you upon forms which will be furnished for the purpose. When the water has been fully applied to the beneficial uses intended the Water Code requires that you notify the State Water Rights Board thereof.
2. Neither this application nor the permit is a water right, but if the terms and conditions of the permit are observed a water right can be obtained through beneficial use of the water—the extent of the right to be determined by a field inspection which will be made by a representative of the State Water Rights Board.
3. No change in point of diversion, or place of use or character of use, can be made under this application and permit without the approval of the State Water Rights Board.
4. If the rights under this permit are assigned immediate notice to that effect with the name and address of the new owner should be forwarded to the State Water Rights Board, Sacramento, California.
5. Please advise immediately of any change of address. Until otherwise advised communications will be sent to the address used in the letter transmitting this permit.



PERMIT No. 11319

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

1. The amount of water to be appropriated shall be limited to the amount which can be beneficially used, and shall not exceed 60,000 acre-feet per annum by storage to be collected between January 1 and December 31 of each year. 0000005
2. The total amount appropriated under Permit 11320 issued to Alameda County Water District under Application 17003 and under Permit 11319 issued to Pleasanton Township County Water District under Application 17002 shall not exceed 60,000 acre-feet per annum by storage to be collected between January 1 and December 31 of each year. 0000114
3. Permit 11320 issued to the Alameda County Water District under Application 17003 shall have the same priority as Permit 11319 issued to the Pleasanton Township County Water District under Application 17002. 0000113
4. The maximum amount herein stated may be reduced in license if investigation so warrants. 0000006
5. Construction work shall be commenced not later than December 1, 1958, and shall be completed on or before December 1, 1965. 0000007
6. Complete application of the water to the proposed use shall be made on or before December 1, 1970. 0000009
7. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until a license is issued. 0000010
8. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water. 0000012
9. Permittee shall release water into Arroyo del Valle channel from del Valle Reservoir in such amounts and at such times and rates as will be sufficient to supply downstream diversions of the surface flow under rights vested prior to date of application to the extent water would have been available for such diversions from

unregulated flow, and sufficient to maintain natural percolation in the same total amount as such percolation would have occurred prior to the date of application from unregulated flow, in order that operation of the project shall not reduce natural recharge of ground water in the Livermore Valley Ground Water Basin attributable to the flow of Arroyo del Valle and shall not reduce that portion of the natural recharge of ground water into the Sunol Valley Ground Water Basin attributable to the flow of Arroyo del Valle, and shall not reduce that portion of the natural recharge of ground water into the Niles Cone attributable to the flow of Arroyo del Valle.

0160999

10. Until further order of the Board, permittee shall make or cause to be made, subject to the approval and control of the Board, suitable field investigations, measurements and studies, and shall install necessary measuring facilities, to determine the amount, timing and rate of release of water into the natural channel of the Arroyo del Valle that are required of permittee in order to comply fully with the provisions of Condition No. 9 in this permit. Permittee shall submit to the Board and to the parties appearing at the hearing on December 2-5, 1957, to wit: Alameda County Water District, Pleasanton Township County Water District, City and County of San Francisco, Zone 7 of Alameda County Flood Control and Water Conservation District, City of Pleasanton, County of Alameda, upon written request, with the annual progress reports, or at such other times as the Board may require, a report of such investigations, measurements, and studies and the results thereof, including but not limited to the following information:

- a. Compute daily inflow to del Valle Reservoir by proper computations of change in storage.
- b. Establish and measure daily evaporation, wind movement, temperature and precipitation of one station at or near del Valle Reservoir.
- c. Measure daily discharge through and over del Valle Dam.
- d. Install proper gaging stations and obtain daily records of discharge of:

Arroyo del Valle above del Valle Reservoir
Arroyo del Valle below del Valle Dam
Arroyo del Valle below Hopyard Road, Pleasanton
Arroyo de la Laguna at Verona Bridge
Arroyo de la Laguna near Sunol
Alameda Creek near Niles
Alameda Creek near Alvarado
Patterson Creek near Alvarado-Centerville Road
Dry Creek near Decoto

e. Maintain ground water studies of the Livermore Valley Ground Water Basin and the Niles Cone with spring and fall observations of wells and monthly observations of six selected wells in each of the two areas.

f. Install continuous water stage recorders and maintain records on two wells in each of the two above mentioned areas adjacent to the stream channels.

g. Make periodic surveys of Arroyo del Valle, Arroyo de la Laguna, and Alameda Creek channels in order to determine consumptive use by native vegetation and by evaporation.

h. Make quarterly water quality analyses of surface water downstream from del Valle Dam and semi-annual water quality analyses of ground water in the Livermore Valley Ground Water Basin and the Niles Cone and surface water at Niles Canyon at locations approved by the Board.

i. Make estimates of augmentation to underground supply each water year from or attributable to Arroyo del Valle in the Livermore Valley Ground Water Basin, the Sunol Valley Ground Water Basin, and the Niles Cone, together with supporting data.

The periods of time, the location and the plans of operation of gaging stations to be used to secure these records shall be subject to the approval of the State Water Rights Board. Said installations shall be constructed and in operation, where practicable, on or before September 1, 1958. The operation of the required gaging stations shall be subject to inspection at any time by the Board or any other party appearing at the hearing on December 2-5, 1957. In case it is found that the permittee is not securing records in reasonable conformity with the requirement of

the permit, the Board may, after hearing cancel the permit. During the period such records are being secured, the State Water Rights Board, on its own motion or on request of any protestant appearing at the hearing on December 2-5, 1957, may require the permittee to secure such other data as the Board may find is needed to enable operating criteria for the del Valle Reservoir to be defined so that downstream diversions of the surface flow under rights vested prior to the date of application to the extent water would have been available for such diversions from unregulated flow and the amount of the pre-project natural percolation that would have resulted from the pre-project flow of the Arroyo del Valle will be maintained in its total amount and within reasonable conformity with the pre-project time of occurrence and rate of percolation.

Permittee shall make its records of such investigations and measurements available for inspection by the Board and the aforesaid enumerated parties appearing at said hearing, and shall allow authorized representatives of the Board and interested parties reasonable access to its project works and properties for the purpose of gathering information and data.

0100999

11. The Board may either upon the request of any of the aforesaid enumerated parties or on its own motion, and shall, prior to the expiration of a 15-year trial period, said trial period commencing with the beginning of the first year of operation of the del Valle Reservoir, hear, review, and make such further orders as may be required concerning proper releases of water for downstream use and recharge of ground water, and concerning the investigations, measurements and studies to be conducted by permittee, until a final determination and order can be made concerning the amounts, timing and rates of releases of water from the del Valle Reservoir in satisfaction of downstream rights, and the Board retains continuing jurisdiction for such purposes so long as it may deem necessary, but not exceeding the 15-year trial period.

0000600

12. Should the permittee desire to proceed to construction of the del Valle Reservoir under the terms of this permit before additional hearings are held for the purpose of setting forth additional criteria for storage operation, then

the reservoir so constructed may be operated for a period not in excess of three years, under the following provisions:

- a. The reservoir outlets at minimum storage stage shall have a capacity of not less than 300 second feet.
- b. The first 300 second feet of natural flow of Arroyo del Valle shall pass through the reservoir outlets without storage until such time as such flow, together with the runoff of the other tributaries of Alameda Creek wastes to San Francisco Bay; provided, however, that during such periods as the flow of other tributaries of Alameda Creek, independently of the flow of Arroyo del Valle, is sufficient to cause and maintain flow to San Francisco Bay, then that portion of the natural flow of Arroyo del Valle in excess of that required to maintain flow in the channel of Arroyo del Valle into the channel of Arroyo de la Laguna, and with the flow of other tributaries of Arroyo de la Laguna, is in excess of the flow required to maintain flow in Arroyo de la Laguna into Alameda Creek, may be stored by permittee.
- c. If, in any year, the percolation from the channel of Arroyo del Valle under the reservoir operation, as defined in paragraph (b) of this Condition (12) results in a total percolation which is less than the volume of water represented by the amount of the first 100 second feet of the daily flow of Arroyo del Valle at the del Valle Reservoir, then permittee shall release from the water it has stored in said reservoir at times and rates of flow which will result in its percolation from Arroyo del Valle, an amount of such stored water which, with the actual percolation which has occurred from the unstored natural flow, will equal in volume the total represented for that year by the first 100 second feet of natural flow on each day of that year. For the purpose of this paragraph, the year shall consist of the period October 1 to September 30 of the succeeding year. On days when the natural flow of Arroyo del Valle is less than 100 second feet, the natural flow shall be the amount to be percolated. The permittee shall make the storage releases that may be required under the provisions of this paragraph at its own expense. Such releases shall be made promptly after the end of the runoff season at times and rates which will place the released storage in the ground water of the Livermore Ground Water Basin as nearly in accordance with pre-project conditions as may be practicable.

This permit is issued and permittee takes it subject to the following provisions of the Water Code: 0000400

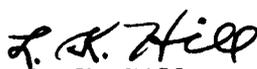
Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

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

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

Dated: APR 29 1968

STATE WATER RIGHTS BOARD


L. K. Hill
Executive Officer

