State Water Resources Control Board
DIVISION OF WATER RIGHTS
2125-19th Street, Sacramento, CA 95818
Telephone: (916) 445-0846

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APPLICATION to APPROPRIATE UNAPPROPRIATED WATER

(For explanation of entries required, see pooklet "How to File an Application to Appropriate Unappropriated Water in California")

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Private	ď	PECREATIONAL .	Tune of recrea	tion			-					
Submit "Supplement to Application", form SWRCB 1-1, for justification of amount for uses not listed above.) DIVERSION WORKS (See Attachments (3)) a. Diversion will be by pumping from (sump, offset well, channel, reservoir, etc.) b. Diversion will be by gravity by means of (pipe in unobstructed channel, pipe through dam, siphon, gate, etc.) c. Main conduit from diversion point to first lateral or offstream storage reservoir: CONDUIT MATERIAL (Price or (Kind of Pipe or (Kind of Pipe or (Kind of Pipe or Kind of Pipe or (Kind of Pipe or (Kind of Pipe or Kind of Pipe or (Kind of Pipe or Kind of Pipe	٠.	NEONEX TOTAL	Private		Open to muhl	r without char	· pa		sen to s	ublic admis	sion charged _	
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the area is unsurveyed, state the location as if lines of the public land survey were projected. If space does not permit listing all 40-acre to include on another sheet or state sections, townships and ranges, and show detail on map. For public districts or other extremely large an see Page 15 of instruction booklet "How to File an Application to Appropriate Unappropriated Water in California". COMPLETION SCHEDULE	PL a.	Applicant owns the All joint owners sh- used, give name an	ould include the daddress of own statement of the substitution of	eir name vner and	s as applicant state what an	ts and sign the angements have township will be the	application we been mad RANGE	BAS MER	E AND	State Num of Acce	IF IRRIGATIOn Presens of the S	ON ntly cultive es or No? tate
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5. JUSTIFICATION OF AMOUNT



(ATTACH SUPPLEMENTAL SHEETS HERE)

9,	, G	ENERAL										
	a.	. What is the name of the p	ost office most us	ed by those living near the propose	d point of diversi	n?	•					
	b,	 Does any part of the place 	æ of use comprise	a subdivision on file with the State	Department of Re	al Estate?	YES NO . If Yes,					
		state name of subdivision	n	If No, is subdivision	on of these lands o	ontemplated	? YES NO					
		Is it planned to individua	lly meter each sen	rice connection? YES NC	. If Yes, wh	en?						
	c.	. Have you consulted the C	California Departme	nt of Fish and Game concerning th	is proposed projec	t? YES	NO □. If Yes, state					
		the Department's opinion	concerning the pot	ential effects of your proposed pro	ject on fish and o	ther wildlife	and state measures require					
		for mitigation				·····						
		If No, state the effects or	n fish and other wil	dlife you foresee as potentially ar	ising from your pr	oposed projec	et.					
	ď.	Please name other public	agencies, if any, f	rom which you have obtained or ar	e required to obta	n approvals	regarding this project:					
	ŧ,	Is reclaimed water availal	ble or do you expe	it such to be available in the near	future which could	be used in	lies of the water sought pry					
		this application? YES	NO If Yes	, explain:			med of the fields bought bix					
	·f.	is it practical to reduce the	ne amount applied i	or by reusing or reclaiming a porti	on of the water ap	propriated?	YES NO NO					
	8	What are the names and ac	ldresses of diverte	rs of water from the source of supp	nly downstream fro	m the propos	ed point of diversion?					
10.	E \	AITTINO WATED DI	Λιτ έ									
1.04		CISTING WATER RI										
		eck the appropriate box be		ght for the use of water sought by								
	В.	Applicant claims an	avieting right for	se of water sought by this applica	mis application.	77 An avancin						
		permit or license for	such use remains	in effect.	tion but agrees no	o exercis	se said right so long as a					
	C.	The water sought by	this application is	for additional water over that clai	imed under an exis	ting right.	* -					
		Complete Table below if B or C is checked:										
		Nature of Rights	1			· ·	y					
		(riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount, if known	Season of Use	Source	Location of Point of Diversion					
							·					
11.	AII	THORIZED AGENT	(Ontinnal)									
		AUTHORIZED AGENT (Optional) With respect to: All matters concerning this water right application, those matters designated as follows:										
	4 (6)	respect to: Mr mate	are concerning this	water right application, mose	matters designat	ec as follows	5;					
	Nam	P	***************************************	Address								
							-					
	-		***************************************	Zip Code:	(Telephone N	o. of agent t	between 8 a.m. and 5 p.m.)					
		uthorized to act on my beha										
12.	SIG	NATURE of APPLI	CANT	,								
	1 (we	e) declare under penalty of	perjury that the at	ove is true and correct to the best	of my (our) knowl	edge and be	lief.					
				1	,,							
	1											
	Dated	July 22	- 1977 ,	· Aggrano	\sim	0-11						
			1 · · · · · · · · · · · · · · · · ·		2-0	, Lan	ifœnia					
		/		Ms. Mr. Al A								
•	,			Theelle 1	O Shar	نحد فکھ ہو ہ						
				Miss, Mrs. (Signature of appli	cant) (Refer to Se	ction 671 of	the Board's regulations)					
		icants are members of the s		for Director of	Water Re							
		usband, wife, mother, fathe										
	nuiner, addres o	, sister, etc.) or reside at t s, please indicate their rela	ine same atinoshin	Ms. Mr.								
		. , ,	a conomp.	Miss, Mrs. (Signature of applic	tant) (Refer to C.	ction F71 ct	the Board's regulations)					
				farigine rate on applica	ent metal to se	COOR O/I OF	one posto a regulations)					

Additional information needed for preparation of this application may be found in the leaflet entitled "HOW TO FILE AN APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER IN CALIFORNIA". If there is insufficient space for answers in this form, attach extra sheets. Please cross reference all remarks to the numbered paragraph to which they may refer. Send application in duplicate to the STATE WATER RESOurces Control Board, Division of Water Rights, 2125–19th Street, Sacramento, CA 95818, with \$10 minimum filing fee.

APPLICATION NO.	47 ,33,44

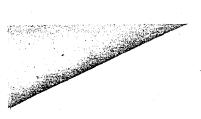


State Water Resources Control Board DIVISION OF WATER RIGHTS

ENVIRONMENTAL INFORMATION

(Submit this form if application is for 1200 gallons or more per day by direct diversion or 15 acre-feet or more per year by direct diversion and/or by storage) $\,$

1.	ENV	IRONMENTAL IMPACT REPORT
	(a)	Has an Environmental Impact Report (EIR) been prepared to cover the project described in this application? YES NO 👿
		If Yes, give name of agency that prepared the Report:
	(b)	If the answer to (a) above is No, do you presently intend to prepare an EIR? YES NO X If Yes, when do you expect to submit it?
2.	WAT	ER QUALITY
	(a)	During low flow conditions, what is the greatest percentage of the total streamflow which will be diverted in conjunction with your proposed project
	(b)	Will all of the water diverted be consumed? YES NO If No, the wastewater or surplus will be (1) retained in a reservoir, (2) discharged into a stream or lake (3) discharged into settling ponds (4) discharged to land disposal (5) other (6), (6) (6):
	lf (4)	is checked, describe location of disposal by 40-acre subdivision of public land survey or a projection thereof:
	(c) (d)	What percent of water diverted will be returned to the stream?
*		
		(1) Will you be plowing under or grading away the natural sod and exposing bare ground to the elements? YES NO If Yes, Number of acres involved: Average slope:% Soil Classification: Erodibility: (2) Describe methods you intend to utilize in order to minimize erosion and prevent the entry of silt into surface waters:
Property of the Property of th	(e)	Will the wastewater or runoff contain waste material? YES NO . If Yes, check box(es) below: (1) Domestic (2) Municipal (3) Industrial (4) Agricultural (5) Other Describe:
	(f)	Will wastewater or runoff contain any industrial material such as heavy metals or oils which are deleterious to fish and wildlife or which would impair the water for beneficial uses? YES NO . If Yes, describe:
	(g)	Describe method of sewage disposal, if any: Septic tank: Community sewer: Released untreated: Other (describe):
	(h)	Will pesticides, herbicides, fungicides, and/or fertilizers be used in conjunction with the overall project? YES NO If Yes, describe either by chemical composition or brand name:
	(i)	Describe methods of wastewater treatment which will be utilized in minimizing the entry of waste materials into surface and groundwaters.
•		



Point of Diversion Supplement Colusa Reservoir

Willow Creek (Willow Dam)

Trib. to Sacramento River Nw SE & Sec 35 T20NR5W MDB&M

Funks Creek (Funks Dam)

Trib. to Sacramento River SWL Sec9 Tl7NR4W MDB&M

Stone Corral Creek (Sites Dam)

Trib. to Sacramento River SW SE 1 Sec 20 T17NR4W MDB&M

Sacramento River (Tehama Colusa Canal)

SEINE Sec33 T27NR3W MDB&M

Sacramento River (Glenn Colusa Canal)

 $NE_{\overline{\mathbf{1}}}$ Sec2 T22NR2W MDB&M

40 acre Subdivisions added by Man. Perton 9/29/27 MZ



COLUSA RESERVOIR-RIVER DIVERSION PLAN DAM AND RESERVOIR DATA SUMMARY

	Colusa
	Reservoir
Drainage area, square miles	148
Mean annual flows, acre-feet	
Runoff at damsite (1916-66)	Operation studies for this plan used flows from the Sacramento River only. The natural inflow to this reservoir is negligible.
Elevations, feet	
Dam crest	535
Maximum pool	520
Top of flood reservation	
Top of conservation pool	520
Minimum pool	320
Streambed 1/	375, 279, 265, 240, 240
Dam height, feet 1/	160, 256, 270, 295, 295
Dam construction time, years	6
Capacities, acre-feet	
Flood reservation	0
Conservation storage	3,100,000
Inactive, dead, sediment 2/	60,000
Gress	3,160,000
Area, acres	
Reservoir @ gross storage	30,000
Total land required	40,000
Reservoir shoreline, miles	210
Live streams inundated, miles	0
Population displaced, 1970	60
1990	100
Average fish runs at damsite	_
Salmon, fish per year	ő
Steelhead, fish per year	0
Recreation use, days per year	
Initial use	650,000
Maximum use	2,200,000
Years to reach maximum use	Nac I la (Alba (Al
Deer displaced	Negligible impact

^{1/} Willow, Logan, Punters, Funks, and Sites Dams.

The second section of the section of th

^{2/} Total of all impoundments.



COLUSA RESERVOIR-RIVER DIVERSION PLAN CONVEYANCE FACILITY DATA

Tehama-Colusa Canal (Under construction)				
* / Pe			_	
Length, Red Bluff to project diversion,	miles	•	Concret	e-lined
- Trockly at project diversion of a				56
Maximum water surface elevation at proje	ct diversi	on Foot		2,100
		on, reer		. 410
Glenn-Colusa Irrigation District Canal (Ex Type	isting)			
· -> F **		*		Unlined
Length, Sacramento River to project fore	bay, miles			23
TERMINES OF EVICEDRY (WITH DISPROJE AND ALL		fs		2,100
Maximum water surface elevation at folebo	ау			129
Colusa Forebay				***
Active stornes and				
Active storage capacity, acre-feet				4.600
Operating water surface elevation, feet Maximum area, acres			124	to 129
acres				840
Lower Connecting Canal Chamber				
Lower Connecting Canal (Forebay to Tehama-C	lolusa Cana	11)	•	
Length, miles		Unlined,	level	bottom
Capacity, cfs				3.8
				6,300
Upper Connecting Canal (Tehama-Colusa Canal	•			
Type Type	to Logan			
Length, miles		Unlined,	level	hottom:
Capacity, cfs	•			1.9
		*		8,400
Tehama-Colusa Pumping-Generating Plant				
raximum static head, feet				
Minimum static head. Free	*		*	86
Maximum pumping rate, cfs				8.1
Maximum generating flow, cfs				6,300
Pumping capacity, megawatts				2,100
installed generating capacity, mecaustic	*			56
Dependable generating capacity, megawatts				39
				0
Logan Pumping-Generating Plant				
Maximum static hend, feet				310
Minimum static head, feet				3]0
Maximum pumping rate, cfs				110 8,400
Maximum generating flow, cfs		•		2,600
Pumping capacity, megowatts				265
Installed generating capacity, megawatts				[P.7
Dependable generating capacity, megawatts				0

77 Cadillac Drive Sacramento, CA 95825

(916) 322-9118

OCTOSER 20 1077

In Reply Refer to: 321:MVZ: 25513 - 25517

Ronald Robie, Director Department of Water Resources 1416 Night Street Sacramento, CA 95814

APPLICATIONS TO APPROPRIATE WATER FROM WEST CANAL, KELLOGG CREEK AND MARSH CREEK IN CONTRA COSTA COUNTY: LOS BANOS CREEK IN MERCED COUNTY: SACRAMENTO RIVER AND WILLOW CREEK IN GLENN COUNTY: AND FUNKS CREEK AND STONE CORRAL CREEK IN COLUSA COUNTY

The applications you submitted pursuant to Water Code Section 10500 have been filed and have been assigned the following numbers:

Glenn Reservoir - River Diversion (Power) #25513 Glenn Reservoir - River Diversion (Other Uses) #25514 Los Banos Grandes Reservoir #25515 Los Vaqueros Reservoir #25516 Colusa Reservoir - River Diversion #25517

Please note the additions made to the enclosed applications as a result of discussions between DWR and the Board staff. The additions amount to an attempt to set aside direct diversion amounts and to more precisely locate the points of diversion for the proposed projects.

No filing fee is due for these State filings.

R. R. Rosenberger, Chief Division of Water Rights

Enclosures

MVZandt;mjeppesen - 10/12/77

1/6

9.30.77 asyd to Hate Water Ressurces Control Board is per water Coke Section 10500

Date and Initial	.S	APPLICATION	25517
9/24/n mrc		ENGINEER	Application acceptance-Draft fee lett
	2.	CHECKING ENGINEER	Check fee letter draft
9:30:77 KKL	· 3.	FILES	Put application on file
10-18-77 fes	4.	SUPERVISOR	Review
	5.	SENIOR	Review and assign
OCT 11 '77 MV7	6.	TEAM LEADER ()	Assign 7, 8 & 10
007 11 77 MVZ	7.		Spot map and draft Flex card
067 1 1 '77 MVZ	8.		Draft forms 6c, 7 & 7a (Circle) (Delete 11 if no forms)
OCT 12 1977 AMR	9.	FLEX UNIT	Prepare Flex card and forms (Xerox Flex card for checking)
10/14/77 PJC	10.	PJC	Check plotting and Flex data
7-71-1-1	11.	SECRETARY	Send forms
	12.	TEAM LEADER MUZ	Assign 13, 14 & 15
	13.		"In form" (enter on form 3) Check Flex card & form
	14.		Draft notice and mailing list
	15.		Check notice draft & mailing list
	16.	TEAM LEADER	Review & assign 18, 22 & 24(enter-form
and the control of th	17.	FLEX UNIT	Prepare notice (dated)
	18.		Check notice
	19.	TEAM LEADER	Check (Delete 20 & 21 if appropriate)
	20.	SENIOR	Check (major filings, etc.)
	21.	SUPERVISOR	Check (major filings, etc.)
	22.		Initiate duplicating
	23.	SECRETARY	Type mailing list, envelope & form letters; collate
	24.		Check and enter callup date
	25.	TEAM LEADER	Check (Delete 26 & 27 if appropriate)
	26.	SENIOR	Check (major filing, etc.)
	27.	SUPERVISOR	Check (major filing, etc.)
	28.	SECRETARY	Mail and distribute notice
	29.	FILES	Callup date for CMH
1			

(KEEP IN FILE)