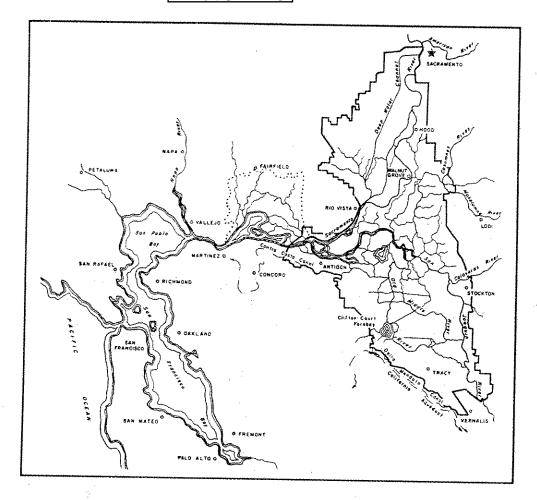
Exhibit C-WIN-6



DRAFT

Water Right Decision 1630

SAN FRANCISCO BAY/ SACRAMENTO - SAN JOAQUIN DELTA ESTUARY

DECEMBER 1992

STATE WATER RESOURCES CONTROL BOARD

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

And the second of the second o		A) MUNICIPAI	AND INDUSTRIAL USES				
LOCATION	SAMPLING SITE NOs.			MIDEY			The second secon
Salinity:	(I-A/BKI)	PARAMETER	DESCRIPTION	INDEX TYPE	YEAR TYPE	DATES	VALUES
Contra Costa Canal at Pumping Plant #1	C-5 CHCCC06	Chloride (Cl-)	Maximum mean daily, in mg/l	N/A	All	Oct-Sep	250
Contra Costa Canal at Pumping Plant #1 or an Joaquin River at Antioch Water Works Intake	C-5 CHCCC06 D-12(near) RSAN007	Chloride (CI-)	Maximum mean daily 150 mg/l chloride for at least the number of days shown during the Water Year. Must be provided in intervals of not less than two weeks duration. (Percentage of Water Year shown in parenthesis).	Sac. R. ¹	W AN BN D	No. of day Year < 1 24 19 17:	rs each Water 50 mg/l CI – 0 (66%) 0 (52%) 5 (48%) 5 (45%)
Nest Canal at mouth of Clifton Court Forchay	C-9 CHWST0	Chloride (CI-)	Maximum mean daily, in mg/l	N/A	C All	15: Oct-Sep	5 (42%) 250
Delta Mendota Canal at Tracy Pumping Plant	DMC-1 CHDMC004	Chloride (CI-)	Maximum mean daily, in mg/l	N/A	All	Oct-Sep	250
ache Slough at City of Vallejo Intake ² -and/or-	C-19 SLCCH16	Chloride (Cl-)	Maximum mean daily, in mg/l	N/A	Ali	Oct-Sep	250
barker St. at North Bay Aqueduct Intake	SLBAR3	Chloride (CI-)	Maximum mean daily, in mg/l	N/A	All	Oct-Sep	250
The state of the s		B) AGRICUI TUE	RAL USES BY AREA				The state of the s
		1 W	STERN DELTA				
alimity:			J.LIN UELIA				
acramento River at Emmaton	D-22 RSAC092	Electrical Conductivity (EC)	Maximum 14—day running average of mean daily, in mmhos/cm ²	Sac. R.		0.45 EC April 1 to Date Shown	EC from Date Shown to
n Joaquin River at Jersey Point	D-15 RSAN018	Electrical Conductivity (EC)	Maximum 14—day running average of mean daily, in mmhos/cm ²	Sac. R.	W AN BN D C	Aug. 15 July 1 June 20 June 15 0.45 EC April 1 to Date Shown Aug. 15	Aug. 15 ³ 0.63 1.14 1.67 2.78 EC from Date Shown to Aug. 15 ³
					BN D C	Aug. 15 June 20 June 15	0.74 1.35 2.20

LOCATION	SAMPLING SITE NOs. (I-A/RKI)	PARAMETER	DESCRIPTION	INDEX TYPE	YEAR TYPE	DATEG	
The state of the s		2) I N	TERIOR DELTA		LITE	DATES	VALUES
Salimity:	27-74 \$ 1 00000000 A 1 0 0 0000 Ambies						d.
South Fork Mokelunne River at Terminous	C-13 RSMKL08	Electrical Conductivity (EC)	Maximum 14-day running average of mean daily, in mmhos/cm ²	Sac. R.		0.45 EC April 1 to Date Shown	EC from Date Shown to Aug. 15 ³
			•		W	Aug. 15	***
					AN BN	Aug. 15	Table -May-
					DIN D	Aug. 15	
			Mari Ammer		C	Aug. 15	0.54
San Joaquin River	C-4				*.	War made	0.24
at San Andreas Landing	RSAN032	Electrical Conductivity (EC)	Maximum 14—day running average of mean daily, in mmhos/em ²	Sac. R.		0.45 EC April 1 to Date Shown	EC from Date Shown to Aug. 15 ³
					W	Aug. 15	
		**************************************			AN	Aug. 15	
					BN	Aug. 15	wa
					Ð	Jun. 25	0.58
The second secon				.,	C	man sugar	0.87
No. 12 Constitution of the second sec		3) S	OUTH DELTA				
Salinity:				, , , , , , , , , , , , , , , , , , , ,			
		Stage 1 to be imple	emented upon adoption of this Order:				
San Joaquin River at Airport Way Bridge, Vernalis	C-10 RSAN112	Total Dissolved Solids (TDS)	Mean monthly average, in mg/l	N/A	Ail-	All year	500
		Stage 2 to be in	plemented by December 31, 1994				
San Josephin River at Airport Way Bridge, Vernalis	C-10 RSAN112	Electrical Conductivity (EC)	Maximum 30—day running average of mean daily EC, in mmhos/cm ²	N/A	Ali	Apr I – Aug 31 Sep I – Mar 31	0.7 1.0
San Jeaquin River at Brandt Bridge [site]	C-6 RSAN073					Sep 1 - Mai 31	1.0
	• •	Einstaten to be	Toronto and a set was				
San Jenguin Riverat	C-10	Final Mage 10 90 1	implemented by December 31, 1996				
Airport Way Bridge, Vernalis	RSAN112	Electrical Conductivity (EC)	Maximum 30-day running average of mean daily	N/A	All	Apr 1-Aug 31	0.7
	,		EC, in mmhos/cm ²			Sep 1 - Mar 31	1.0
Old River near Middle River	C-8			or-			
	ROLD69		If a three-party contract has been implemented amo	ng DWR. US	SBR and	the SDWA, that con	tract will be
Old River at Tracy Road Bridge	D. 17		reviewed prior to implementation of the above, and, a	fter also con	sidering H	e needs of other he	neficial uces
and areas singe	P-12 ROLD59		revisions will be made to the objectives and compliance	x/monitorin	glocations	noted above, as ap	propriate.
Green Brown annian III in an a Francisco III in an an an annian III in an		the protect of the	graffing Land	,	-		£ \$
San Joaquin River at Brandt Bridge [site]	C-6 RSAN073		Action Control of Control				

			SES BY AREA (continued)		· 	1	
LOCATION	SAMPLING SITE NOS. (I-A/RKI)	PARAMETER	DESCRIPTION	INDEX TYPE	YEAR		
	***************************************		4) EXPORT		TYPE	DATES	VALUES
Salinity:			J CAT ON I		***************************************		
West Canal at mouth of Clifton Court Forebay & Delta Mendota Canal at Tracy Pumping Plant	C-9 CHWST0 DMC-1 CHDMC004	Electrical Conductivity (EC)	Maximum monthly average of mean daily, in mmhos/cm ²	N/A	Ali	Oct – Sep	1.0
) FISH AND WILI	DLIFE BY HABITAT/SPECIES		***************************************		
			NOOK SALMON	2 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
Dissolved Oxygen:		,		-			
San Joaquin River between Turner Cut & Stockton	RSAN050- RSAN061	Dissolved oxygen (DO)	Minimum dissolved oxygen, in mg/l	N/A	All	Sep 1-Nov 30	6.0
emperature:							
acramento River at Freeport	RSAC155	Temperature, in F	The daily average water temperature shall not be elevated by controllable factors 4 above 68°F in the reach from the I Street Bridge to Freeport on the		4 41	Apr 1 – Jun 30 Sep 1 – Nov 30	
-and-					All		
ian Josquin River at Airport Way Bridge, Vernalis	C-10 RSAN112		Sacramento River and at Vernalis on the San Joaquin	River.			
acramento River at Freeport	RSAC155	Temperature, in F	The daily average water temperature shall not be elevated by controllable factors above 66°F in the reach from the I Street Bridge to Freeport on the Sacramento River.	N/A	All	Jan 1 - March 31	
dow:			Companient Liver.				
an Joaquin River at Airport Way Bridge, Vernalis	C-10 RSAN112	Flow Rate (Total annual maximum of 150 TAF for the two salmon	Minimum daily flow, in cfs, for 21—day continuous period. Start date depends upon beginning of chinook salmon	S-J R. ⁵	W AN	Apr 20 - May 106	10,000
		flows from the San Joaquin Basin reservoirs.)	smolt out - migration from San Joaquin Basin		BN	и	8000 6000
		EASH (CSCIVORS.)	During this time, water right holders on Mokelumne & Calaveras rivers shall bypass all inflows for 5 consecutive		D C	3) 71	4000 2000
			Daily mean combined export pumping by the Tracy, Ba All pumping restrictions are to be split equally between	nke and Co	ntra Costa	pumping plants shal	lbe ≤1500 cf
			Minimum daily flow, in cfs, for 14—day continuous period. Start date depends upon beginning of chinook salmon adult spawning migration. Attraction flow shall if water is available from the 150 TAF alloted for the tw	N/A	All	e. Oct 18 – 31 ⁶	≥ 2000
			During this time, water right holders on Mokelumne & Calaveras rivers shall bypass all inflows for 5 consecutive		OWS.		•

C) FISH AND WILDLIFE BY HABITAT/SPECIES (continued)

LOCATION Flow (continued): acramento River at Freeport	(I-A/RKI) RSAC155		DESCRIPTION (SALMON (continued)	TYPE	TYPE	DATES	VALŲES
	RSAC155						· · · · · · · · · · · · · · · · · · ·
acramento River at Freeport	RSAC155	The The Land					
		Flow Rate	Minimum daily flow, in cfs, for 14—day continuous period.	N/A	All	Apr 20 – May 4	≥ 18,000
acramento River at Rio Vista	D-24	Flow Rate	14—day running average of minimum daily flow, in cfs	Sac. R.	W AN BN D C W AN BN D	Feb 1- Jan Mar 15 2500 3000 2500 2500 2500 2500 1500 2500 1500 2000 Jul Aug 3000 1000 2000 1000 2000 1000 1000 1000 1000 1000	Mar 16 Jun 30 5000 3000 2500 2000 Sep 1 Dec 31 5000 2500 2500 1500
ACCURACION - ACCURA VII - V				·····	<u> </u>	1000 1000	1500
0.10.00		SIKIPEU BASS	: 1. ANTIOCH-SPAWNING				OWN AND ALLEY OF THE PARTY OF T
Salinity:	5 2 42 4 2						
San Joaquin River at Antioch Water Works Intake Flow:	D-12 (near) RSAN007	Electrical Conductivity (EC)	14—day running average of mean daily for the period not more than value shown, in mmhos/cm ²	N/A	All	Apr 15-May 3: (or until spawnir	
Sacramento River at Chipps Island	D-10 RSAC075	Delta outflow index (DOI)	Average for the period not less than the value shown, in cfs.	N/A	All	Apr 1-14	6700
	STRIPED B	ASS: 2 ANTIOCH-	SPAWNING-RELAXATION PR	LOVISIO	O N		~-~ - ~- ~
Salinity:		· · · · · · · · · · · · · · · · · · ·					
San Joaquin River at Antioch Water Works Intake	D-12 (near) RSAN007	Electrical Conductivity (EC)	14-day running average of mean daily EC in mmhos/cm², not more than value shown corres—ponding to deficiencies in firm supplies deckared by the CVP and SWP ⁷	Sac. R. Total Annua Deficiency (d <i>Apr.1</i> Dry	<i>May 31</i> Critical
This relaxation provision replaces the above	ve Antioch and Chipps		111 V V V V V V V V V V V V V V V V V V	0.0		1.5	1.5
island standards whenever the representat	tive projects impose	4	Linear interpolation is to be used to determine	0.5		1.8	1.9
deficiencies in firm supplies.			values between those shown	1.0		1.8	2.5
	•			1.5		1.8	3.4
The first same of the same of				≥ 2.0		1.8	3.7
The second section of the second section is the second section of the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is section in the second section in the section is section in the section in the section is section in the section in the section in the section is section in the section in the section is section in the section in the section in the section is section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the	ST	'RIPED BASS: 3. P	RISONERS POINT-SPAWNING	*			
Salinity:	1.1						
San Icaquin River at Prisoners Point	D-29 RSAN038	Electrical Conductivity (EC)	14—day running average of mean daily for the period not more than value shown, in mmhos/cm²	Sac. R.	All	Apr 1 - May 31 (or until spawni	

C) FISH AND WILDLIFE BY HABITAT/SPECIES (continued)

LOCATION	SAMPLING SITE NOs. (I—A/RKI)	PARAMETER	DESCRIPTION	INDEX			
STR	IPED BASS	4. PRISONERS PO	DINT-SPAWNING-RELAXATIO	TYPE	TYPE	DATES	VALUES
Salinity:			ANT-SPAWNING-RELAXATIO	N PRO	OVISIO	N	
San Joaquin River at Prisoners Point	D-29 RSAN038	Electrical Conductivity (EC)	14—day running average of mean daily for the period not more than value shown, in mmhos/cm². This replaces the above Prisoners Point standard when the relaxation provision for Antioch spawning protection is in effect:	Sac. R.	D&C	Apr 1 May 31 (or until spawnir has ended)	
	ALA	STRIPED	BASS: 5. GENERAL			·	
Mow:	The state of the s		DAGS. J. GENERAL		***************************************		
Sacramento River at Freeport	RSAC155	Flow Rate	For a 42-day continuous period, exact starting date to be dependent upon detection of striped bass eggs and larvae, flow, in cfs, shall be as follows:	N/A	All 14-day ru	April 16 — May 31 ⁶ nning average and	≥ 13,000
Sacramento River at Chipps Island	D-10 RSAC075	Delta outflow index (DOI)	Average for the period not less than the value shown, in cfs.	Sac. R.	W AN BN D C	May 6-31 14000 14000 11400 4300	≥ 9,000 Jun Jul 14000 10000 10700 7700 9500 6500 3600 3200
		FISHE	RIES HABITAT	···		3300	3100 2900
Protection from entrainment fo	r young fish:						
Malkird Slough		Electrical conductivity (EC)	14-day running average of EC, in mmhos/cm ²	N/A	All	<i>July 1 - 31</i> ≤3.0	Aug 1 – Jan 31 ≤3.0
Reverse flow in western Delta (OWEST), EC at Mallard Slough > 3.0 Plow:	in effect if	QWEST, as calculated in DAYFLOW	14-day running average of QWEST, in cfs	N/A	All	July $1 - 31$ ≥ -1000	Aug 1 - Jan 31 ≥ -2000
Reverse flow in western Delta (QWEST)		QWEST, as calculated in DAYFLOW	14—day running average of QWEST, in cfs Simultaneously, 7—day running average, if negative, shall be withing 1000 cfs of the applicable 14—day running average.	Sac. R.	W AN BN D C	February 1 – June 30 ≥0 ≥0 ≥0 ≥0 ≥0 ≥0	July 1 - July 31 ≥ -1000 ≥ -1000 ≥ -1000 ≥ -1000 ≥ -1000
Delevering appoint			14—day running average of QWEST, in cfs. Simultaneously, 7—day running average, if negative, sh within 1000 cfs of the applicable 14—day running avera	iall be	All	Aug 1 - Jan 31	≥ -2000
Relaxation provision — Reverse flow stand Delta do not apply when the combined to exports drop below 2000 cfs.	lards in western otal CVP & SWP	QWEST, as calculated in DAYFLOW	14-day running average of QWEST, in cfs. Simultaneously, 7-day running average, if negative, shall be withing 1000 cfs of the applicable 14-day running average. I I-5.	Sac, R.	p C		Jul 1 - Jul 31 ≥ -1000 ≥ -1000

C) FISH AND WILDLIFE BY HABITAT/SPECIES (continued)

LOCATION	SAMPLING SITE NOs. (I-A/RKI)	PARAMETER	DESCRIPTION	INDEX TYPE	YEAR TYPE	DATES	VALUES
		SU	ISUN MARSH				
Salinity:					**************************************	***************************************	
Sacramento River at Colfinsville	C-2 RSAC081	Electrical conductivity (EC)	Monthly average of both daily high tide values not to exceed the values shown, in mmhos/cm ²	N/A	All by Oct 1,1988	Oct Nov	19.0 15.5
Montezuma Slough at National Steel	S-64 SLMZU25	Electrical conductivity (EC)	(or demonstrate that equivalent or better protection will be provided at the location).		All by Oct 1,1988	Dec Jan Feb	15.5 12.5 8.0
Montezuma Slough near Beldon's Landing	S-49 SLMZU11	Electrical conductivity (EC)			All by Oct 1,1988	Mar Apr May	8.0 11.0 11.0
Chadbourne Slough at Chadbourne Road	S-21 SLCBN1	Electrical conductivity (EC)	•		All by Oct 1,1993	•	- 1,7
Cordelia Slough at Cordelia— Goodyear Ditch	S-97 SLCRD06	Electrical conductivity (EC)			All by Oct 1,1993		
Goodyear Slough, 1.3 mile S of Morrow Island [Drainage] Ditch at Pierce	S75 SLGYR04	Electrical conductivity (EC)			All by Oct 1,1994		
Suisun Slough, 300 ft south of Volanti Slough	S-42 SLSUS12	Electrical conductivity (EC)			All by Oct 1,1997		
Water Supply Intakes for Waterfowl Manag Areas on Van Sickle and Chipps Islands	gement	Electrical conductivity (EC)					
Plows							
Sacramento River at Chipps Island	D-10 RSAC075	Delta outflow index (DOI)	Average of daily DOI for each month, not less than value shown, in cfs	Sac. R.	w	Feb - May	10000
			Minimum daily DOI for 60 consecutive days in the period, in cfs	Sac. R.	AN BN	Jan – Apr Jan – Apr	12000 12000
		4.	Average of daily DOI for each month, not less than value shown, in cfs: applies whenever storage is at or above minimum level in flood control reservation envelope at 2 of the following—Shasta Reservoir, Oroville Reservoir, and CVP storage on the American River.	N/A	All	Jan – May	6600 (if greater flow not required by other standards)
		OPERATIO	NAL REQUIREMENTS		***************************************		
Pow:				7			
Harvey O. Banks Pumping Plant (SWP), Tracy Pumping Plant (CVP), and Contra Costs Pumping Plant (CVP)		Combined export rate	Maximum combined 14—day running average export rate, in cfs, not to exceed the value shown. April & Mi 14—day running average based only on those days not included in the 1500 cfs restriction period. All reduction exports to be equally shared between the CVP & SV	ay ons	W AN BN	April May 6000 6000 6000 6000 6000 6000 4000 4000	June July 6000 9200 6000 9200 6000 9200 4000 9200
						4000 4000	4000 9200

C) FISH AND WILDLIFE BY HABITAT/SPECIES (continued)

OPERATIONAL REQUIREMENTS (continued)

	SAMPLING
	SITE NOs.
LOCATION	/1A/DKI\

PARAMETER

Closure of gates

INDEX YEAR TYPE

TYPE

DATES

VALUES

Flow (continued):

Other:

Sacramento River at Chipps Island

Delta Cross-Channel at Walnut Grove

D-10 RSAC075 Delta outflow index (DOI)

All export pumping restrictions are removed whenever DOI ≥ 50,000 cfs

except during April - May and October pulse flow periods.

N/A

Αll January 1 - 31

Gates closed whenever daily DOI > 12000 cfs Gates operated at the direction of the Executive

N/A

February 1 - June 30

Director of the State Water Board.

FOOTNOTES

- 1. Sac. R.: Sacramento Valley Water Year Hydrologic Classification -- described on following sheet.
- 2. The Cache Slough objective to be effective only when water is being diverted from this location.
- 3. When no date is shown, EC limit continues from April 1.
- 4. Controllable water quality factors are those actions, conditions, or circumstances resulting from human activities that may influence the quality of the waters of the State, that are subject to the authority of the State Water Board, or the Regional Water Quality Control Boards, and that may be reasonably controlled. Based on the record in these proceedings, controlling temperature in the Delta utilizing reservoir releases does not appear to be reasonable, due to the distance of the Delta downstream of reservoirs and uncontrollable factors such as ambient air temperature, water temperatures in the reservoir releases, etc. For these reasons, the State Water Board considers reservoir releases to control water temperatures in the Delta a waste of water; therefore, the State Water Board will require a test of reasonableness before considering reservoir releases for
- 5. S-J R.: San Joaquin Valley Water Year Hydrologic Classification -- described on following sheet.
- 6. The effective dates of the pulse flow period will be set each year by the Executive Director of the State Water Board after conferring with the DFG, the United States Fish & Wildlife Service (USFWS). DWR and USBR, whichever agency(ies) is(are) appropriate.
- 7. For the purpose of this provision, firm supplies of the Bureau shall be any water the Bureau is legally obligated to deliver under any CVP contract of 10 years or more duration, excluding the Friant Division of the CVP, subject only to dry and critical year deficiencies. Firm supplies of the Department shall be any water the Department would have delivered under Table A entitlements of water supply contracts and under prior right settlements had deficiencies not been imposed in that dry or critical year.

TABLE II Sacramento Valley Water Year Hydrologic Classification

Year classification shall be determined by computation of the following equation:

INDEX = 0.4 * X + 0.3 * Y + 0.3 * Z

Where: X = Current years April --

Current years April – July
 Sacramento Valley unimpaired runoff

Current October – March
 Sacramento Valley unimpaired runoff

Previous years index 1

N

The Sacramento Valley unimpaired runoff for the current water year (October 1 of the preceding calendar year through September 30 of the current calendar year) as published in California Department of Water Resources Bulletin 120 is a forecast of the sum of the following locations: Sacramento River above Bend Bridge, near Red Bluff; Feather River, total inflow to Oroville Reservoir; Yuba River at Smartville; American River, total inflow to Folsom Reservoir. Preliminary determinations of year classification shall be made in February, March, and April with final determination in May. These preliminary determinations shall be based on hydrologic conditions to date plus forecasts of future runoff assuming normal precipitation for the remainder of the water year.

Classification Index
Millions of Acre-Feet

Wet..... Equal to or greater than 9.2

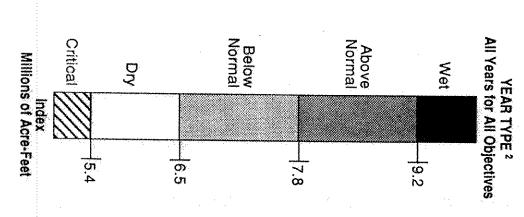
Above Normal......Greater than 7.8 and less than 9.2

Below Normal Equal to or less than 7.8 and greater than 6.5

Equal to or less than 6.5 and greater than 5.4

Dry

Critical Equal to or less than 5.4



87.3

A cap of 10.0 MAF is put on the previous years index (Z) to account for required flood control reservoir releases during wet years

The year type for the preceding water year will remain in effect until the intital forecast of unimpaired runoff for the current water year is available.

Water Year Hydrologic Classification San Joaquin Valley TABLE |

Year classification shall be determined by computation of the following equation:

INDEX = 0.6 * X + 0.2 * Y + 0.2 * Z

Where:

 \times

Current years April – July San Joaquin Valley unimpaired runoff

San Joaquin Valley unimpaired runoff Current October - March

Previous years index 1

N

runoff assuming normal precipitation for the remainder of the water based on hydrologic conditions to date plus forecasts of future classification shall be made in February, March, and April with final determination in May. These preliminary determinations shall be total inflow to Millerton Lake. Preliminary determinations of year Reservoir; Tuolumne River, total inflow to Don Pedro Reservoir; Merced River, total flow to Exchequer Reservoir; San Joaquin River, following locations: Stanislaus River, total flow to New Melones the current calendar year) as published in California Department of Water Resources Bulletin 120 is a forecast of the sum of the The San Joaquin Valley unimpaired runoff for the current water year (October 1 of the preceding calendar year through September 30 of

Classification Index Millions of Acre-Feet

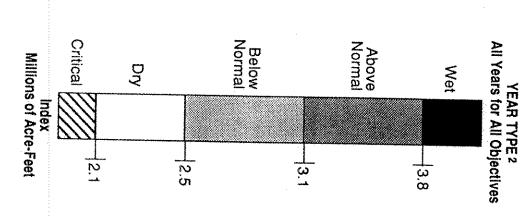
Wet. ... Equal to or greater than 3.8

Above Normal Greater than 3.1 and less than 3.8

Below Normal...... Equal to or less than 3.1 and greater than 2.5

Equal to or less than 2.5 and greater than 2.1

Critical ... Equal to or less than 2.1



A cap of 0.9 MAF is placed on the previous years index (Z) to account for required flood control reservoir releases during wet years

N The year type for the preceding water year will remain in effect until the initial forecast of unimpaired runoff for the current water year is available

TABLE IV

RESPONSIBILITY FOR PULSE FLOW REQUIREMENTS IN THE SACRAMENTO BASIN

	TD101	ENCLOSURE 2 MAJOR WATE BY TRIBUTARY FOR ALL WATE	R USERS R RIGHTS	
TRIBUTARY	TRIBUTARY UIF TO BASIN UIF (%)	OWNER	RESERVOIR CAPACITY (AF)	% RESPONSIBILITY BY TRIBUTARY ¹ (%)
FEATHER	24.6	OROVILLE/WYANDOTTE DWR YUBA CO & OWI PG & E	163,920 3,764,197 93,643 1,298,466	3.08 70.75 1.76 24.41
YUBA RIVER	12.9	NEVADA ID PG & E YUBA CO WA	5,320,226 212,850 140,536 1,031,674	15.37 10.15 74.49
BEAR RIVER	1.8	NEVADA ID SOUTH SUTTER WD	1,385,060 75,270 103,000	42.22 57.78
AMERICAN	14.7	SACTO PLACER CO WD PG & E USBR	178,270 83,745 344,037 13,317 1,026,400	5.71 23.44 0.91
SACRAMENTO	46.0	USBR	1,467,499 4,585,620 4,585,620	69.94 100.0
TOTAL	S 100		12,936,675	

¹ PERCENTAGE IS DETERMINED BY DIVIDING OWNER'S RESERVOIR CAPACITY BY TOTAL TRIBUTARY RESERVOIR CAPACITY

	ABLE V	RESPONSIBILITY FOR PULSE FLOW REQUIREMENTS IN THE SAN JOAQUIN BASIN				
TRIBUTARY	TRIBUTARY UIF TO BASIN UIF ¹ (%)	ENCLOSURE 2 MAJOR WATER USERS BY TRIBUTARY FOR ALL WATER RIGHTS OWNER	RESERVOIR CAPACITIES (AF)	% RESPONSIBILITY BY TRIBUTARY ² (%)		
STANISLAUS	28.7	PG&E CALAVERAS COUNTY W.D. OAKDALE & S. SAN JOAQUIN USBR	33,864 185,025 231,920 2,400,000	1.19 6.49 8.14 84.19		
TUOLUMNE	46.7	TID/MID SFRISCO	2,850,809 2,119,500 361,020	85.45 14.55		
MERCED	24.6	MERCED IRRIGATION DIST	2,480,520 1,041,650 1,041,650	100.00		
TOTALS	100		6,372,979			

¹ BASIN UNIMPAIRED FLOW IS THE SUM OF THE TABLE'S THREE TRIBUTARY UNIMPAIRED FLOWS ² PERCENTAGE IS DETERMINED BY DIVIDING OWNER'S RESERVOIR CAPACITY BY TOTAL TRIBUTARY RESERVOIR CAPACITY

what of USBR on The Son Jeaquin?