

NMFS OCAP BiOp requirements

<u>RPA #</u>	<u>Description</u>	<u>Product</u>	<u>Due Date</u>	<u>Agency</u>
Research & Adaptive				
11.2.1.2	Mtg			
	Workshop on Project Operations	recommend measures to modify RPAs	Nov. 30 every year	USBR, NMFS, CALFED Science Program
A.		research plan for address key questions arising from NMFS BiOp	January of each year	USBR, NMFS, CALFED Science Program
B.	Research Program	Life-cycle model	begin ASAP	NMFS, USBR, DFG, DWR
I.1.5	1	temperature modeling	"	USBR
I.3.5	2	green sturgeon studies (5 years)	"	USBR
I.6	3	rearing habitat studies	"	USBR & DWR
IV.1.2.2	4	6-year accoustic study	"	USBR & DWR
	5			
Monitoring & Reporting				
11.2.1.3	Reporting			
	1	funding existing programs through 2030 Steelhead Monitoring Program (ERP)	annual reports	USBR, DWR
	2	Operations monitoring contact person and incidental take authorization		USBR, DWR
	3	CVP & SWP fish facility salvage and loss reports	weekly reports annual reports	USBR, DWR
	4	CVP & SWP Fish Facilities & Rock Slough Diversion	due Oct 1st each year	USBR, DWR
	5	Real-time monitoring in Sacramento River, lower San Joaquin River, and Delta fro DCC gate operations and export pumping	Oct. 1 through June 30 each year	USBR, DWR
	6	Real-time operational reports (DAT or DOSS) on results of monitoring	weekly and annual	USBR, DWR
	7	Clear Creek spring-run and steelhead monitoring (adult counts, population estimates, rotary screw trapping)		USBR, FWS, DFG, NMFS
	8	fund the following monitoring stations: Sacramento River, American River, Feather River, Clear Creek, Mill Creek, Deer Creek, and Battle Creek (adult escapement and juvenile monitoring for winter-run, spring-run and steelhead)	until 2030	USBR, DWR jointly
	a	Red Bluff Diversion Dam, fish ladders and rotary screw traps, determine adult and juvenile passage or abundance, including		"
	b	green sturgeon		"
	c	new monitoring station between Red Bluff and Knights Landing		"
	d	Delta, continue funding IEP monitoring locations; Chipps Island trawl, Sacramento trawl, Knights Landing RST, and FWS beach seining program.		"
	e	San Joaquin River: adult and juvenile steelhead monitoring on the Stanislaus River, Mossdale Kodiak Trawl, steelhead survival studies associated with VAMP and fish guidance devices around the south delta agricultural barriers		"