ttachment 4			C	V-SALTS 5-Y	EAR WO	RKPLAN MAJOR TASK C	OST ESTIMA	TE RANGI	ES					FU	IRCES AND POINT COST ESTIMATE	S	
Task Description		2012	İ	201		mated Cost by Year in 2011 Dollars	(a) 2015	İ	2016	5-Year Total		Cost Assumption		CAA	RB/SB	Fundsources at Point Estimate CVSC LSJRC Stakeholders	Total
gram Management and Development					_												
Coordinate meetings, oversee financial administration, and	¢ 200.00		200.000	÷ 200.000 i	ć 200.000	¢ 200,000 t ¢ 200,000	¢ 200,000 i ¢	200.000	200,000 1 6 200,000	d 4,000,000 t d	4 500 000						
manage project tasks	\$ 200,00	00 to \$	300,000	\$ 200,000 to	\$ 300,000	\$ 200,000 to \$ 300,000	\$ 200,000 to \$	300,000 \$	\$ 200,000 to \$ 300,000		1,500,000		\$	600,000		\$ 600,000	
Basin Planning support	\$ 30,00	00 \$	50,000	\$ 30,000 to	\$ 50,000	\$ 30,000 to \$ 50,000				\$ 90,000 to \$	150,000	Contract \$58,050	\$	90,000			
Maintain meeting minutes, CV-SALTS website, etc.	\$ 20,000	00 to \$	40,000	\$ 20,000 to	\$ 40,000	\$ 20,000 to \$ 40,000	\$ 20,000 to \$	40,000		\$ 80,000 to \$	160,000		خ	80,000		\$ 80,000	
Technical Project Management	\$ 100.00	00 to \$	200,000	\$ 75,000 to	\$ 100,000	\$ 100,000 to \$ 150,000				\$ 275,000 to \$	450,000	Contract \$427,950	خ	500,000		\$ 60,000	
Establish administrative record for Basin Plan A	1	00 to \$	30,000	\$ 10,000 to			\$ 5,000 to \$	10 000		\$ 45,000 to \$	100,000	Contract 9427,550		500,000	100,000		
Implementation Funding Program and Outreach	\$ 10,000		50,000	\$ 100,000 to			\$ 250,000 \$	· · · · · · · · · · · · · · · · · · ·	300,000 to \$ 350,000	1	1,100,000	Includes CVSC Lobbying etc.	Ś	100,000	100,000	\$ 800,000	
			670,000		\$ 670,000		\$ 475,000 to \$		5 500,000 to \$ 650,000		3,460,000	, ,	\$	1,270,000 \$	100,000		\$ 2,8!
CY DISCUSSIONS ON BENEFICIAL USES AND WQOs																	
Examine "Incidental" MUN beneficial uses and WQO's for such	\$ 15,00	00 to \$	30,000	\$ 15,000 to	\$ 30,000	\$ 5,000 to \$ 10,000				\$ 35,000 to \$	70,000	These are example task for costing only	_	70.000			
use Policy Approach for effects of crop seasonality and economic		•	, i										\$	70,000			
viability, and drought on WQOs	\$ 6,00	00 to \$	15,000	\$ 6,000 to	\$ 15,000					\$ 12,000 to \$	30,000		\$	20,000			
Review default Assumptions and parameters (e.g., leaching	\$ 6.00	00 to \$	15,000	\$ 6,000 to	\$ 15,000					\$ 12,000 to \$	30,000		Ш.				
fractions) for salinity models etc.	9 0,00	,	15,000	, 0,000 t0	7 13,000					12,000 to 3	30,000		\$	20,000			
Establish guidance on determining most sensitive crop to be protected in an area	\$ 6,00	00 to \$	20,000	\$ 2,000 to	\$ 10,000					\$ 8,000 to \$	30,000		\$	25,000			
F	\$ 33,00	00 to \$	80,000	\$ 29,000 to	\$ 70,000	\$ 5,000 to \$ 10,000				\$ 67,000 to \$	160,000		\$	135,000 \$	-	\$ - \$ - \$ -	\$ 1
nnical Studies																	
Phase Conceptual Model																	
Establish approach to developing conceptual										İ		į					
model with CV-SALTS TAC																	
Stakeholders Outreach Coordination to study Areas																	
Prepare scope of work and retain consultant												<u> </u>					
Gather existing data and develop Model	\$ 150,000	00 to \$	250,000							\$ 150,000 to \$	250,000		\$	200,000			\$ 2
e 2 SNMP Conceptual Model																	
Refine conceptual model and salt and nitrate Loads	\$ 50,000	00 to \$	100,000	\$ 50,000 to	\$ 100,000					\$ 100,000 to \$	200,000		خ	150,000			
Assess sustainable salt and nitrate balances				\$ 50,000 to	\$ 100,000					\$ 50,000 to \$	100,000		\$	100,000			
Identify potential large-scale management			Č	\$ 75,000 to						\$ 75,000 to \$	150,000		\$	100,000			
practices and projects for analysis			[]	, , , , , , , , , , , , , , , , , , , ,	Ų 150,000					75,000 to \$	150,000			100,000			
Incorporate changes to Beneficial uses and WQOs based on			1,	ć 25.000 t-	ć 50.000					ć 25.000 to ć	F0 000						
archetypes			13	\$ 25,000 to						\$ 25,000 to \$	50,000		\$	50,000			
Prepare Central Valley SNMP Assessment				\$ 100,000 to						\$ 100,000 to \$	300,000		\$	200,000			
Revise and Prepare SNMP Document			\$		\$ 100,000								_	500,000		A 400 000	, -
Phase SNMP Conceptual Model	\$ 50,00	00 to \$	100,000	\$ 350,000 to	\$ 800,000	\$ 100,000 to \$ 200,000				\$ 500,000 to \$	1,100,000		>	600,000		\$ 100,000	\$ 7
Incorporate Regional SNMP Information assessment and				\$ 20,000 to	\$ 150,000	\$ 75,000 to \$ 100,000				\$ 95,000 to \$	250,000						
update Conceptual plan			13	\$ 20,000 to	\$ 150,000	\$ 75,000 to \$ 100,000				\$ 95,000 to \$	250,000		\$	100,000			
Conduct economic analysis of proposed implementation alternatives and benefits				\$ 100,000 to	\$ 250,000	\$ 100,000 to \$ 250,000				\$ 200,000 to \$	500,000		ς.	300,000			
Perform Antidegradation policy analysis including Water Code			1,	ć 50,000 t-	ć 100.000	\$ 50,000 to \$ 100,000				\$ 100,000 to \$	200,000	<u> </u>		222,000			
§13241 factors				. ,						<u> </u>			\$	125,000			
S PHASE 2 + GIS and other Studies	\$ -	\$	- [\$ 150,000	\$ 350,000	\$ 150,000 \$ 350,000	\$ - \$	- 5	\$ - \$ -	\$ 300,000 \$	700,000	Scope Development Varies	\$	525,000 \$	-	\$ - \$ - \$ -	\$ 5
Prepare scope of work and retain consultant	\$ 10,00	00 to \$	20,000							\$ 10,000 to \$	20,000	State Board Contract \$75,000					
Ag Water Quality Zoning Mapping	\$ 40,000	00 to \$	75,000							\$ 40,000 to \$		Conceptual Scope by IPM					
Inland Surface Waters Validation		00 to \$	100,000							\$ 20,000 to \$	100,000						
Incorporate information and data into georeferenced database	•	00 to \$	40,000							\$ 20,000 to \$	40,000	1					
Summarize initial salt and nitrate loads into georeferenced data		00 to \$	20,000 255,000							\$ 10,000 to \$ \$ 100,000 to \$	20,000 255,000		Ś	150,000			\$ 1
JNDWATER BENEFICIAL USE ARCHETYPE	7 200,00	V									_55,550			,			
												Costs based on Planning-Level Scopes					
Conduct planning activities for Tulare Lake bed archetype,	\$ 50.00	00 to \$	90,000							\$ 50,000 to \$	90,000	to Establish Appropriate Beneficial	1 [
including scope of work	9 50,00	ου iυ φ	50,000							ې عا ۱۵۰٫۵۵۰ د	90,000	Uses for Selected Archetype Water Bodies by EKI, dated 14 October 2011.					
												Socies by Eni, dated 14 October 2011.					
Perform investigation obtain additional geologic and hydrologic	¢	to \$	350,000							\$ - to \$	350,000						
data, if needed	· ·	•										Stakeholder working to provide	11				
Conduct computer groundwater model simulations, if needed	\$ -	to \$	40,000							\$ - to \$	40,000	updated costs					
Prepare information for CEQA documentation	\$ 15,000	00 to \$	25,000	\$ 15,000 to	\$ 25,000					\$ 30,000 to \$	50,000						
	\$ 65,00	00 to \$	505,000	\$ 15,000 to	\$ 25,000					\$ 80,000 to \$	530,000	į	\$	300,000		\$ 300,000	\$ 6

2/1/12 DRAFT FINAL

achment 4	nent 4 CV-SALTS 5-YEAR WORKPLAN MAJOR TASK COST ESTIMATE RANGES									FUNDSOURCES AND POINT COST ESTIMATES							
Task Description	2012	Į	2013	Estima	nted Cost by Year in 2011 Dollars (a)	2015	2016		5-Year Total		Cost Assumption	CAA	RB/SB	Fundsourc CVSC	es at Point Esti LSJRC	imate Stakeholders	Tota
P POTW RECEIVING WATER BENEFICAL USE ARCHETYPES																	
Conduct planning activities for Colusa, Willows, and Live Oak archetypes	\$ 20,000 to \$	40,000						\$	20,000 to \$	40,000	Costs based on Planning-Level Scopes to Establish Appropriate Beneficial Uses for Selected Archetype Water Bodies prepared by EKI, dated 14 October 2011.						
Compile and assess available water quality, hydrologic, and historical use data	\$ 70,000 to \$	140,000						\$	70,000 to \$	140,000							
Conduct additional sampling and flow measurements, if needed \$	5 - to \$	480,000						\$	- to \$	480,000	RWQCB working to provide Costs						
Perform Use Attainability Analysis, if needed \$	60,000 to \$	180,000						\$	60,000 to \$	180,000							
Prepare information for CEQA documentation \$ \$ \$	25,000 to \$ 175,000 to \$	40,000 880,000		25,000 25,000				\$ \$	35,000 to \$ 185,000 to \$	65,000 905,000		\$ 500,0	00			\$ 500,000	\$ 1,
ed and Integrated Efforts	2.0,000 10 7	000,000						Ť		000,000		, 555,5	-			, , , , , ,	
ALT AND BORON WQOs																	
Update LSJR workplan Sources of Salt and elements in Introduction chapter \$	\$ - to \$	10,000						\$	- to \$	10,000	Based on Draft LSJR Workplan dated 19				\$ -		
■ Identify existing beneficial uses \$	10,000 to \$	20,000						\$	10,000 to \$	20,000	Oct 2011				\$ 20,000		
Perform technical study related to WQOs for irrigation beneficial use \$	\$ 50,000 to \$	100,000						\$	50,000 to \$	100,000	Costs on preliminary scope document from EKI for Committee				\$ 75,000		
Perform technical study related to WQOs for stock watering beneficial use \$	\$ 29,000 to \$	30,000						\$	29,000 to \$	30,000	Costs based on Request for Proposal (RFP) 2011-001 For Consulting Services to Conduct Water Quality Criteria Studies,				, ,	\$ 29,000	
Perform technical study related to WQOs for aquatic life beneficial use	50,000 to \$	70,000						\$	50,000 to \$	70,000	prepared by the LSJR Committee, dated 6 May 2011				\$ 60,000		
Compile salt and boron data for LSJR and estimate salt loads Estimated Seasonality if needed \$	50,000 to \$	300,000						\$	50,000 to \$	300,000					\$ 250,000		
Develop program of implementation \$	15,000 to \$	30,000	\$ 15,000 to \$	60,000				\$	30,000 to \$	90,000					\$ 90,000		
Prepare CEQA equivalent documentation \$	75,000 to \$	100,000	\$ 75,000 to \$	100,000				\$	150,000 to \$	200,000	Task includes economic analysis,				\$ 150,000		
Prepare Regional Board staff report and Basin Plan amendments			\$ 50,000 to \$	75,000				\$	50,000 to \$	75,000	Task includes peer review of Basin				\$ 50,000		
Obtain necessary approvals of Basin Plan amendments adopted by Regional Board				Ş	\$ 30,000 to \$ 60,000			\$	30,000 to \$	60,000	No costs included for Monitoring				\$ 30,000		
ementation Planning	279,000 to \$	660,000	\$ 140,000 to \$	235,000 \$	\$ 30,000 to \$ 60,000			\$	449,000 to \$	955,000		\$ -	\$ -	· Ş -	\$ 725,000	\$ 29,000	\$
S AND IMPLEMENTATION PLANNING														_			
Conduct planning activities for SSALTS \$	\$ 10,000 to \$	30,000						\$	10,000 to \$	30,000	Costs based on memorandum titled	\$ 10,0	00				
• Identify locations where salt is accumulating \$	30,000 to \$	50,000						\$	30,000 to \$	50,000		\$ 50,0	00				
Determine locations that can act as appropriate salt storage areas \$ \\$	\$ 80,000 to \$	150,000						\$	80,000 to \$	150,000	Transportation Study (SSALTS), contained in CV-SALTS Executive	\$ 150,0	00				
Coordinate SSALTS with evaluation of other management			\$ 50,000 to \$	125,000				\$	50,000 to \$	125,000	Committee materials for 17 November	\$ 125,0	20				
practices Develop Initial Management Alternatives			\$ 125,000 to \$	200,000				Ś	125,000 to \$	200,000	2011 meeting. From State Board Annual Rpt	\$ 150,0					
Refine Management Alternatives				100,000 \$	\$ 125,000 to \$ 150,000				175,000 to \$	250,000	From State Board Annual Rpt	\$ 200,0					
\$	120,000 to \$	230,000	\$ 225,000 to \$	425,000 \$	\$ 125,000 to \$ 150,000			\$	470,000 to \$	805,000		\$ 685,0	00 \$ -	\$ -	\$ -	\$ - :	\$
TIVE MANAGEMENT PRACTICES EVALUATION ● Conduct planning activities for management practices evaluation \$	5 - to \$	10,000						\$	- to \$	10,000	Cost assumes Management Practices Committee complete planning	\$ -					
Perform sector review of significant salt sources Conduct additional studies to assess new or \$	5,000 to \$ 5,000 to \$	10,000 100,000						\$ \$	5,000 to \$ 50,000 to \$	10,000 100,000	activities with limited assistance.	\$ 10,0	00			\$ 100,000	
developing management practices Screen management practices for inclusion in \$		30,000	\$ 20,000 to \$	30,000	\$ 20,000 \$ 45,000			¢	60,000 to \$		Task assumes 200 to 400 hour effort	\$ 105,0	00				
"toolbox" and assess Valley Wide Impacts	20,000 10 3	30,000	20,000 10 3	30,000 ,	y 20,000 y 43,000			,	00,000 10 3	103,000	from technical consultant.	7 103,0	,,				
	75,000 to \$	150,000	\$ 20,000 to \$	30,000 \$	\$ 20,000 to \$ 45,000			\$	115,000 to \$	225,000		\$ 115,0	00 \$ -	\$ -	\$ -	\$ 100,000	\$
OMICALLY-DISADVANTAGED COMMUNITIES Conduct planning activities to assist economically-								į									
 disadvantaged communities with nitrate impaired drinking water 	\$ - to \$	10,000						\$	- to \$	10,000	Task assumes CVSC members approve, initial concept IPM			\$ 10,0	00		
Provide technical expertise to facilitate project design and implementation \$ \\$	20,000 to \$	40,000						\$	20,000 to \$	40,000	Task assumes 100 to 200 hour effort			\$ 20,0	00		
Assess regulatory incentives and impediments for possible program improvements S	5 15,000 to \$	30,000						\$	15,000 to \$	30,000	Task assumes 50 to 100 hour effort			\$ 10,0	00	\$ 15,000	

2/1/12 DRAFT FINAL

Column C	Attachment 4		CV-SALTS 5-YEAR W	ORKPLAN MAJOR TAS	K COST ESTIMATE RAN	GES				AND POINT CO	COST ESTIMATES		
Proper Regional Based test fregor described (Sale Floring and approximent) Sale Floring and approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Sale Floring and Approximent) Sale Floring and Approximent (Sale Floring and Approximent) Sale Floring and Approximent (Sale Floring and Approximent) Sale Floring and Approximent (Sale Floring and Approxi				Estimated Cost by Year in 2011 Do	llars (a)			1					
Column C	Task Description	2012	2013	2014	2015	2016	5-Year Tota	Cost Assumption	CAA	RB/SB C\	/SC LSJRC	Stakeholders	Total
**Not CCFGA excoration allegation content and passes \$1,000 to \$ 30,000 to \$	Documentation for Approval												
Non-protection Accordance analysis Subject Reviews and workshops Subject Reviews and workshops Subject Reviews and Sub	CEQA EQUIVALENT DOCUMENTATION												
Polygolic metaliting and workshops S 15,000 to \$ 30,000 to \$ 50,000 to \$ 5	Hold CEQA scoping sessions	\$ 15,000 to \$ 3	30,000				\$ 15,000 to \$						
Property Substitute Fund momental Property Substitute Fund mom				\$ 25,000 to \$ 50,	000		\$ 25,000 to \$,					
Documentation of all CV-SALTS Elements S			\$ 15,000 \$ 30,	,000 \$ 20,000 to \$ 30,	000		\$ 35,000 to \$		11 11 '				
S 15,000 to 5 30,000 5 15,000 to 5				\$ 250,000 to \$ 500,	000		\$ 250,000 to \$	500,000	\$ 300,00)			
AMENDMENTS AND DOCUMENTATION S 50,000 to 5 150,000	 Documentation of all CV-SALTS Elements 												
Prepare Regional Board staff report describing proposed Sain Plan amendments S 50,000 to S 30,000 to S 30,000 to S 30,000 to S 50,000 to S 30,000 to S 50,000 to S 30,000		\$ 15,000 to \$ 3	30,000 \$ 15,000 to \$ 30,	,000 \$ 295,000 to \$ 580,	000		\$ 325,000 to \$	640,000	\$ 430,00) \$ - \$	- \$ -	\$ -	\$ 430,000
Proposed Basin Plan amendments S 100,000 S 100,0													
Conduct people and proposed Basin Plan amendments City Conduct England Agriculture and proposed Basin Plan amendments of people by Regional Board City Conduct Floorway Studies, if needed, to set sub-plan amendments for people by Regional Board Conduct People by Regional Board Conduct People by Regional Board Conduct Floorway Studies, if needed, to set sub-plan amendments for people by Regional Board Conduct Floorway Studies, if needed, to set sub-plan amendments for people by Regional Board Conduct Floorway Studies, if needed, to set sub-plan amendments for people by Regional Board Conduct Floorway Studies, if needed, to set sub-plan amendments and proposed Basin Plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan regional SNMPs Conduct Floorway Studies, if needed, to set sub-plan regional SNMPs Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementation Conduct Floorway Studies, if needed, to set sub-plan program of implementati				\$ 50,000 to \$ 150,	000		\$ 50,000 to \$	150,000	\$ 75,00)			
Blash Plan amendments	· · ·												
Circulate staff report and proposed Basin Plan amendments for public comment				\$ 30,000 to \$ 50,	000 \$ 30,000 to \$ 50,000		\$ 60,000 to \$	100,000		\$ 100,000			
## Assumed entities will prepare and implementation 2016 ## Conduct Follow-up Studies, if needed, to set sain Plan prepared in personal soft eduction goals ## Prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implementation ## Of the prioritize management practices to conform with Basin Plan progress of implement regional SNMPs ## Of the prioritize management practices to conform with Basin Plan progress of implement regional SNMPs ## Of the prioritize management practices to conform with Basin Plan progress of implement regional SNMPs ## Of the prioritize management practices to conform with Basin Plan progress of implement regional SNMPs ## Of the prioritize management practices to conform with Basin Plan progress of implement regional SNMPs ## Of the progress of implement regional SNMPs ## Of the progress of implement regional SNMPs ## Of the prioritize will prepare and implement regional SNMPs ## Of the progress of implement regional SNMPs ## Of the prioritize will prepare and implement regional SNMPs ## Of the prioritize will prepare and implem													
Obtain neessary approvals of Basin Plan mendments adopted by Regional Board S 80,000 to \$ 20,000 to \$ 30,000					\$ 20,000 to \$ 30,000		\$ 20,000 to \$	30,000		\$ 20,000			
## Approvals are not significant ## Approvals are	· ·												
S 80,000 to \$ 200,000 \$ 70,000 to \$ 110,000 S 150,000 to \$ 310,000 S 75,000 \$ 150,000 \$ 5 5 5 5 \$ 225,000	7 11				\$ 20,000 to \$ 30,000		\$ 20,000 to \$	· •		\$ 30,000			
Initial Implementation 2016 REGIONAL SNMPS O Conduct Follow-up Studies, if needed, to set salt and nitrate load reduction goals O Prioritize management practices to conform with Basin Plan program of implementation O Template Implementation O Template Implementation O Template Implementation O Template Implementation O Template Implementation O Prioritize management practices to conform with Basin Plan program of implementation O Template Implementation O Prioritize management practices to conform with Basin Plan program of implementation O Template Implementation O Prioritize management practices to conform with Basin Plan program of implementation O Template Implementation O Prioritize management practices to conform with Basin Plan program of implement regional SNMPs O Costs to local entities not estimated. O Costs to local entities not	amendments adopted by Regional Board												
REGIONAL SWIPS O Conduct Follow-up Studies, if needed, to set salt and nitrate load reduction goals salt and nitrate load reduction goals O Fremplate Implementation O Initial Implementation O Initial Implementation O Phase II SNMP O Phas				\$ 80,000 to \$ 200,	000 \$ 70,000 to \$ 110,000		\$ 150,000 to \$	310,000	\$ 75,00	\$ 150,000 \$	- \$ -	\$ -	\$ 225,000
Conduct Follow-up Studies, if needed, to set salt and nitrate load reduction goals Prioritize management practices to conform with Basin Plan program of implementation Template Implementation Initial Implementation Projects Monitoring and Reporting Phase II SNMP To the plan by the plan b	Initial Implementation 2016												
salt and nitrate load reduction goals Prioritize management practices to conform with Basin Plan program of implementation Template Implementation Initial Implementation Monitoring and Reporting Phase II SNMP Assumed entities will prepare and implementate will prepare and implement regional SNMPs S 250,000 S 100,000 to \$ 500,000 S 1,000,000 to \$ 7,000,000 S 1,000,00	REGIONAL SNMPS												
salt and nitrate load reduction goals Prioritize management practices to conform with Basin Plan program of implementation Template Implementation Initial Implementation Monitoring and Reporting Phase II SNMP Assumed entities will prepare and implementate will prepare and implement regional SNMPs \$ 250,000 \$	Conduct Follow-up Studies, if needed, to set												
Basin Plan program of implementation								Assumed entities will prepare and					
■ Template Implementation \$ 100,000 to \$ 500,000 \$ 100,000 to \$ 500,000 Costs to local entities not estimated. \$ 500,000 \$ 500,000 \$ 500,000 \$ 500,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 100,000 to \$ 100,	Prioritize management practices to conform with							implement regional SNMPs				\$ 250,000	\$ 250,000
■ Template Implementation \$ 100,000 to \$ 500,000 \$ 100,000 to \$ 500,000 Costs to local entities not estimated. \$ 500,000 \$ 500,000 \$ 500,000 \$ 500,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 4,750,000 \$ 100,000 to \$ 100,	Basin Plan program of implementation												
● Initial Implementation Projects ● Monitoring and Reporting ● Phase II SNMP													
● Monitoring and Reporting ■ Phase II SNMP TBD to TBD t	Template Implementation					\$ 100,000 to \$ 500,000	\$ 100,000 to \$	Suu,uuu Costs to local entities not estimated				\$ 500,000	\$ 500,000
● Phase II SNMP TBD to TBD to TBD	Initial Implementation Projects					\$ 4,000,000 to \$ 7,000,000	\$ 4,000,000 to \$	7,000,000				\$ 4,750,000	\$ 4,750,000
● Phase II SNMP TBD to TBD to TBD	Monitoring and Reporting				TBD to TBD	TBD to TBD	TBD to	TBD					
						<u> </u>		TBD					
	TOTALS	\$ 1317,000 to \$ 3.6/	10 000 \$ 1 239 000 to \$ 2 310	000 \$ 1.175.000 to \$ 2.015	000 \$ 545,000 to \$ 810,000		!		\$ 4985,000	\$ 250,000 \$ 1	520 000 \$ 725 000	5 794 000	\$ 13.274.000

Notes: (a)

Estimated cost to complete major tasks specified in CV-SALTS 5-Year Workplan is for planning purposes only. Actual costs may vary as work on the Central Valley Salt and Nutrient Management Plan ("SNMP") and Basin Plan amendments progresses and tasks are refined. The estimated cost is expressed in 2011 dollars that have not been adjusted for inflation or the time value of money.

Costs in contracts are from the State Board SJVDA Contract

Color Key

Funding Sources undecided Regional Board Staff and Internal Costs

2/1/12 DRAFT FINAL

Comparison of Current Subcontracts and RFQs with Work/Costs Outlined in February 12, 2012 CV-SALTS Workplan

	CAA Fu	unding	CAA Remaining	Other Est	Sources		
Description	Contracted	Estimated	Balance	State	cvsc	Stakeholder or Grants	
SJVDA Contracts			\$5,000,000				
SJVDA Administrative Oversight (allocated)	\$401,262	8.73%	\$4,598,738				
Program Management/Facilitation thru 1/31/13	\$667,756		\$3,930,982				
BUOS Part I	\$49,982		\$3,881,000				
EKI Technical Management (complete)	\$111,915		\$3,769,085				
Basin Planning Support (thru August 2012; includes							
\$25K for scoping SSALTS)	\$103,240		\$3,665,845				
LSJR Interim Committee Manager (thru Sept. 2012)	\$50,000		\$3,615,845				
Remaining CAA Balance as of May 2012:			\$3,615,845				
Work Requested in Current RFQs (workplan prices)							
BUOS Update with GIS Layers (inc. AGR Zone work)		\$100,000	\$3,515,845				
GIS Ag Water Bodies (based on post wkpln quote)		\$150,000	\$3,365,845				
Conceptual Model		1,	\$3,365,845				
Phase I (approach, gather data, early model)		\$437,918	\$2,927,927				
Phase II		7 - 7 -	\$2,927,927				
Refine Model		\$50,000	\$2,877,927				
Assess sustainable salt/nitrate balances		\$75,000	\$2,802,927				
ID large scale MP's for evaluation		\$75,000	\$2,727,927				
Incorporate archetype info		\$50,000	\$2,677,927				
Phase III		. ,	\$2,677,927				
Incorporate regional information		\$100,000	\$2,577,927				
Technical Project Management (\$620,845 remaining in	SJVDA)	. ,	\$2,577,927				
CV-SALTS Initiative (remaining budget minus LSJR)	1		\$2,577,927				
LSJR Committee Manager		\$288,000	\$2,289,927				
Potential Remaining Balance:			\$2,289,927				
Proposed in February 2012 Workplan							
Program Management and Development			\$2,289,927				
Program Management and Facilitation (post Jan 2013)			\$2,289,927		\$600,000		
Maintaining mtg minutes and website			\$2,289,927		\$80,000		
Implementation Program and Outreach		\$100,000			\$595,000	\$205,000	
Policy Discussions on Bene. Uses and Water Quality Objs.		7100,000	\$2,189,927		\$333,000	7203,000	
Incidental MUN use		\$70,000					
Crop seasonality, econ. Viability, drought		\$20,000					
Review/update AGR salinity models		\$20,000					
Guidance for most sensitive crop		\$25,000	\$2,054,927				
Conceptual Model		Ψ25,000	\$2,054,927				
Phase II			\$2,054,927			\$100,00	
Prepare CV SNMP Assessment		\$200,000	\$1,854,927			7-00,00	
Review and Prepare SNMP Document*		7=00,000	\$1,854,927				
Phase III			\$1,854,927				
Conduct Economic Analysis		\$200,000	\$1,654,927			\$100,00	
Perform Antidegradation Analysis		\$125,000	\$1,529,927			7-00,00	
Technical Studies		7	\$1,529,927				
Groundwater Archetype (Tulare)		\$300,000				\$300,000	
MUN POTW Archetype		\$400,000	\$829,927			\$600,000	
Lower San Joaquin River			\$829,927	\$765,000		\$29,000	
Implementation Planning			\$829,927			. ,	
SSALTS (\$685K - \$25K for current scoping)		\$400,000	\$429,927		\$75,000		
Effective MP evaluation		\$55,000	\$374,927		,	\$160,00	
Economically Disadvantaged Communities		, = = , = = 0	\$374,927		\$40,000	\$15,00	
Documentation			\$374,927		Ţ : 3,000	+ 10,00	
CEQA Equivalent (original budget of \$750K)		\$300,000	\$74,927		\$130,000		
Draft SNMP		\$75,000	-\$73		, 3,000		
Potential Final Balance:	\$1,384,155	\$3,615,918		\$765,000	\$1,520,000	\$1,509,00	

^{*} No cost listed in workplan for this task
Not included in workplan calculations
Actual cost higher than spot estimate
Reduced