WATER CHEMISTRY

DESIGN				BEN	NEFI	TS													COST
				Objec	tives	Addre	ssed	Power											1
Design	# of sites	Frequenc	Season	1	2	3	4	80% Trend Power in 5 Each Segment	SB	СВ	SPB S		0% Threshold Power in ach Segment	LSB	SB	СВ	SPB	SUB	Cost/yr
Status Quo		Annual	Summer					PCBs (20/50)					g on SSC						\$460,000
								Hg (20/20)					CBs						
								Se (20/20)				С	u						
								DDTs (20/50)				N							
								· · ·				Р	b						
4 sites per segment	25	Annual	Summer					PCBs				Н	g on SSC						\$390,000
<u> </u>								Hg					CBs						
								Se				С	u						
								DDTs				N	i						
												Р	b						
3 sites per segment	20	Annual	Summer					PCBs				Н	g on SSC						\$340,000
								Hg					CBs						
								Se				С							
								DDTs				N							
												Р							
Biennial	31	Biennial	Summer					? PCBs					g on SSC						\$230,000
								Hg				Ρ	CBs	2	2				
								Se				С		2	2	2	2	2	
								DDTs				N		2	2	2	2	2	
												Р	*	2	2	2	2	2	
Triennial	31	Triennial	Summer					? PCBs				Н	g on SSC						\$153,333
·								Hg					CBs	3	3				
								Se				С		3	3	3	3	3	
								DDTs				N		3	3	3	3	3	
												Р	b	3	3	3	3	3	

High value for this objective Medium value for this objective **EXPLANATIONS** Some limited value for this objective Power greater than 80%

2 Assessment can only be made every 2nd yr 3 Assessment can only be made every 3rd yr

20/50 = 20 year time frame, 50% decline

SEDIMENT CHEMISTRY

DESIGN	_			BEN	BENEFITS																COST
İ				Objec	tives	Addr	essed	Р	ower												
Design	# of sites	Frequenc	Season	1	2	3	4	8	0% Trend Power in ach Segment	LSB	SB	СВ	SPB		80% Threshold Power in Each Segment	LSB	SB	СВ	SPB	SUB	Cost/yr
Status Quo	47	Annual	Summer					Р	CBs						NA						\$180,000
(8 sites per segment)								Н	g (20/20)												
6 sites per segment	37	Annual	Summer						CBs						NA						\$150,000
								Н	g (20/20)												
4 sites per segment	27	Annual	Summer						CBs						NA						\$120,000
								Н	g (20/20)												
Biennial, 8 sites	47	Biennial	Summer						CBs						NA						\$90,000
								Н	g (20/20)												
			<u> </u>																		
EXPLANATIONS					Mediu	m val	for this ue for t d value	this ob	ive jective is objective		Pow	er gre	ater th	nan 80	%						

20/50 = 20 year time frame, 50% decline

EPISODIC TOXICITY

DESIGN						ITS															COST
				Obje	ctives	s Addı	resse	d	Power												
Design	# of sites	Frequenc	Season	1	2	3	4		80% Trend Power in Each Segment	LSB	SB	СВ	SPB	SUB	80% Threshold Power in Each Segment	LSB	SB	СВ	SPB	SUB	Cost/yr
Status Quo	6 tribs	Annual	Wet Seas	on					NA						NA						\$140,000
	4 events																				
Biennial	6 tribs	Biennial	Wet Seas	on					NA						NA						\$70,000
	4 events																				
									NA						NA						
									NA						NA						
									NA						NA						

EXPLANATIONS

High value for this objective
Medium value for this objective
Some limited value for this objective

BIVALVES

3 4	Power 5 80% Trend Power PCBs (20/50) DDT (20/50) PBDEs (20/50) PCBs DDT PBDEs PCBs DDT PBDEs	Baywide	80% Threshold Power in Each Segment NA NA	LSB	SB	СВ	SPB	SUB	\$140,000 \$70,000
	PCBs (20/50) DDT (20/50) PBDEs (20/50) PCBs DDT PBDEs	Baywide	Power in Each Segment NA	LSB	SB	СВ	SPB	SUB	\$140,000
	DDT (20/50) PBDEs (20/50) PCBs DDT PBDEs		NA						
	DDT (20/50) PBDEs (20/50) PCBs DDT PBDEs								\$70,000
	PCBs DDT PBDEs								\$70,000
	DDT PBDEs PCBs								\$70,000
	DDT PBDEs PCBs								\$70,000
	DDT PBDEs PCBs								, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	PBDEs PCBs		NA						
	PCBs DDT		NA						
	PCBs DDT		NA						
	DDT		1 1/ 1						\$115,000
									Ψ110,000
	PBDEs								
			ΝΔ						
			INA						
			NΙΛ						
			INA						
1	n value for this	alue for this objective	n value for this objective	n value for this objective	NA Alue for this objective Power greater than 80% revalue for this objective	NA NA N	NA		

20/50 = 20 year time frame, 50% decline

SEDIMENT TOXICITY

DESIGN				BEI																	COST
				Obje	ctives	Addı	resse	d	Power												
Design	# of sites	Frequenc	Season	1	2	3	4		80% Trend Power in Each Segment	LSB	SB	СВ	SPB	SUB	80% Threshold Power in Each Segment	LSB	SB	СВ	SPB	SUB	Cost/yr
Status Quo	27		Summer						NA						NA						\$90,000
Reduced # of Sites	14	Annual	Summer						NA						NA						\$50,000
Reduced # 01 Siles	14	Alliudi	Summer						IVA						IVA						\$50,000
Biennial	27	Biennial	Summer						NA						NA						\$45,000
									NA						NA						
									NA						NA						

EXPLANATIONS

High value for this objective Medium value for this objective Some limited value for this objective Item 5 Appendix SPORT FISH

SPORT FISH

DESIGN		•		BE	NEF	ITS					•			•						COST
				Obje	Objectives Addressed Power											7				
Design	# of sites	Frequenc	Season	1	2	3	4	,	80% Trend Power for Each Species		Croak	Bass	80% Threshold Power for Each Species	Croak	Shine	Striper	Halib	Sturg	Jacks	Cost/yr
Status Quo	5	Triennial	Summer						PCBs (20/50)				PCBs							\$83,333
									Hg (20/20) PBDEs (20/20)			79	Hg							
Quadrennial	5	4 years	Summer						PCBs				PCBs							\$62,500
									Hg PBDEs				Hg							
Quintennial	5	5 years	Summer						PCBs				PCBs							\$50,000
									Hg				Hg							
									PBDEs											
										-										
				-																
	•	•	•		Medi	um va	lue for	this	ective objective		Power	greater	than 80%	ı	·I.	1	1	1		