

SEDIMENT CHEMISTRY

DESIGN				BENEFITS											COST							
Design	# of sites	Frequenc	Season	Objectives Addressed					Power					80% Threshold Power in Each Segment	LSB	SB	CB	SPB	SUB	Cost/yr		
				1	2	3	4	5	80% Trend Power in Each Segment	LSB	SB	CB	SPB								SUB	
Status Quo (8 sites per segment)	47	Annual	Summer	High	High	Some	Some	High	PCBs	Power > 80%	Power > 80%	Power > 80%	Power > 80%	Power > 80%	NA							\$180,000
									Hg (20/20)													
6 sites per segment	37	Annual	Summer	High	High	Some	Some	High	PCBs	Power > 80%	Power > 80%	Power > 80%	Power > 80%	NA								\$150,000
									Hg (20/20)													
4 sites per segment	27	Annual	Summer	Medium	Medium	Some	Some	Medium	PCBs	Power > 80%	Power > 80%	Power > 80%	Power > 80%	NA								\$120,000
									Hg (20/20)													
Biennial, 8 sites	47	Biennial	Summer	Medium	Medium	Some	Some	Medium	PCBs	Power > 80%				NA								\$90,000
									Hg (20/20)		Power > 80%	Power > 80%	Power > 80%									

EXPLANATIONS

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

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

EPISODIC TOXICITY

DESIGN				BENEFITS												COST				
Design	# of sites	Frequency	Season	Objectives Addressed					Power					Cost/yr						
				1	2	3	4	5	80% Trend Power in Each Segment						80% Threshold Power in Each Segment					
									LSB	SB	CB	SPB	SUB	LSB	SB	CB	SPB	SUB		
Status Quo	6 tribals 4 events	Annual	Wet Season	Some limited value for this objective		High value for this objective	High value for this objective													\$140,000
Biennial	6 tribals 4 events	Biennial	Wet Season	Some limited value for this objective		High value for this objective	High value for this objective													\$70,000

EXPLANATIONS

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

BIVALVES

DESIGN				BENEFITS											COST						
Design	# of sites	Frequency	Season	Objectives Addressed					Power					80% Threshold Power in Each Segment	LSB	SB	CB	SPB	SUB	Cost/yr	
				1	2	3	4	5	80% Trend Power	Baywide											
Status Quo	11	Annual	Summer	■	■						PCBs (20/50)	■	NA								\$140,000
											DDT (20/50)	■									
											PBDEs (20/50)	■									
Biennial	11	Biennial	Summer	■	■						PCBs	■	NA								\$70,000
											DDT										
											PBDEs	■									
Reduced # of Sites	7	Annual	Summer	■	■						PCBs	■	NA								\$115,000
											DDT	■									
											PBDEs	■									
													NA								
													NA								

EXPLANATIONS

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

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

SEDIMENT TOXICITY

DESIGN				BENEFITS														COST				
Design	# of sites	Frequency	Season	Objectives Addressed					Power					80% Threshold Power in Each Segment	LSB	SB	CB	SPB	SUB	Cost/yr		
				1	2	3	4	5	80% Trend Power in Each Segment	LSB	SB	CB	SPB								SUB	
Status Quo	27	Annual	Summer	Yellow			Blue	Blue		NA												\$90,000
Reduced # of Sites	14	Annual	Summer	Yellow			Green	Green		NA												\$50,000
Biennial	27	Biennial	Summer	Yellow			Green	Green		NA												\$45,000
										NA												
										NA												
										NA												

EXPLANATIONS

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

SPORT FISH

DESIGN				BENEFITS														COST			
Design	# of sites	Frequency	Season	Objectives Addressed					Power			80% Threshold Power for Each Species							Cost/yr		
				1	2	3	4	5	80% Trend Power for Each Species	Shiner	Croak	Bass	Croak	Shiner	Striper	Halib	Sturg	Jacks			
Status Quo	5	Triennial	Summer	High	High		High	High	PCBs (20/50)	Power > 80%	Power > 80%	79	PCBs	Power > 80%	Power > 80%						\$83,333
									Hg (20/20)	Power > 80%			Hg	Power > 80%							
									PBDEs (20/20)	Power > 80%											
Quadrennial	5	4 years	Summer	High	High		High	High	PCBs	Power > 80%	Power > 80%		PCBs	Power > 80%	Power > 80%						\$62,500
									Hg	Power > 80%	Power > 80%		Hg	Power > 80%							
									PBDEs	Power > 80%											
Quintennial	5	5 years	Summer	Medium	Medium		Medium	Medium	PCBs	Power > 80%	Power > 80%		PCBs	Power > 80%	Power > 80%						\$50,000
									Hg	Power > 80%	Power > 80%		Hg	Power > 80%							
									PBDEs	Power > 80%											

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