TABLE D-1 - SCHE	DULE FOR SAMPLING, N	MEASUREMENTS, AND ANA	LYSIS FOR SEARS POINT			
(Final sampling plan	can be altered by Discharge	er if funding or staff become li	mited.)			
SAMPLE POINT:		Sample Pt. 1: Breach 1 - San Pablo Bay	Sample Pt. 2: Breach 2 - Tolay Creek	Sample Pt. 3: Restored Tidal	Sample Pt. 4: Restored Tidal	Sample Pt. 5: Ambient
	METHOD					
MATRIX: WATER						
Salinity 1	multiparameter probe	D/M	D/M	D/M	D/M	D/M
pH ¹	multiparameter probe	D/M	D/M	D/M	D/M	D/M
Temperature ¹	multiparameter probe	D/M	D/M	D/M	D/M	D/M
Turbidity ¹	multiparameter probe	D/M	D/M	D/M	D/M	D/M
Dissolved oxygen 1	multiparameter probe	D/M	D/M	D/M	D/M	D/M
Methyl mercury ² if biosentinels are not chosen	EPA 1630 or other appropriate method			A/B	A/B	
MATRIX: Biosentinels		Sears Point Restored Tidal Habitat	Seasonal Wetland Passive Enhancement Area and Vernal Pools			
Methyl mercury ²	UC Davis method for biosentinel fish preferred; FGS 045 or other appropriate method for sediment and water; Annual preferred; Biennial acceptable.	Mercury monirtoring plan submittal awaiting mercury data from nearby projects. If funding allows, annualy or bienially (every other year) for 5 Years. (A/B)				
BIOTA		Sears Point				
DIUTA						
Birds#	area surveys as funding allows	up to four times annually in Years 1-3;				
Vegetation	1) Observations; 2) Mapping with aerial/satelite photos; 3) field observations	1) Annual Observations of colonizing species (qualitative); 2) ground observations in conjunction with aerial imagery analysis once 20% attained; In years 3-5. Thereafter, best professional judgment every 5 years until target met or				
salt marsh harvest mice#	area surveys as funding allows	In yrs. 4 and 5 if suitable habitat is present				

will be performed in some or all of the sample points for 7 days prior to breach and 30 days following breach. # should be carried out if funding is available											
Tidal Channels measure top width of channel at breach best professional judgment until target met or changed.	•										
Sedimentation# vegetation germinates; b) sediment plates, pins, erosion tables, or LIDAR Field Photo Documentation Rough comparison of aerial or easily accessible free satellite photos Notes: **This schedule can be changed with Water Board approval. If feasible, baselines should be conducted in cases where data does not exist. **Where data does exist, it should be compiled to compare pre- to post- restoration. **Conditional or Functional Assessment **Collect a baseline in year 1 and conduct assessment again in year 3 and year 5 **I field test only **Mentyl mercury **Monitoring can include water, sediment, and/or biosentinels. If biosentinels are used, the fish protocol developed by U.C. Davis (Slotton) is preferred, but not required, based on previous sampling. If biosentinels are infeasible, then mercury and methyl-mercury can be sampled in water and sediment. Mercury monitoring is preferred annually, but can be conducted biennial implementation of mercury monitoring plan can awalt ananlysis of nearby projects, unless Water Board equires it sooner. **### Should be carried out if funding is available	Tidal Channels	· •	best professional judgment								
Post-construction Yrs 1 and 5 Rough comparison of aerial or easily accessible free satellite photos Notes: *This schedule can be changed with Water Board approval. If feasible, baselines should be conducted in cases where data does not exist. Where data does exist, it should be compiled to compare pre- to post- restoration. Conditional or Functional Assessment *I Field test only Monitoring can include water, sediment, and/or biosentinels are used, the fish protocol developed by U.C. Davis (Slotton) is preferred, but not required, based on previous sampling. If biosentinels are infeasible, then mercury and methyl-mercury can be sampled in water and sediment. Mercury monitoring is preferred annually, but can be conducted bienatial implementation of mercury monitoring plan can await analysis of nearby projects, unless Water Board requires it sooner. A Once per year D/M Once within 3 days prior to breach; Once within 3 days following breach; and weekly during the first month. Alternatively, continous monitoring will be performed in some or all of the sample points for 7 days prior to breach and 30 days following breach. ## should be carried out if funding is available	Sedimentation#	vegetation germinates; b) sediment plates, pins,									
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