## RAPID TRASH ASSESSMENT WORKSHEET

Surface Water Ambient Monitoring Program, San Francisco Bay Regional Water Quality Control Board

WATERSHED/STREAM:	DATE/TIME:
MONITORING GROUP, STAFF:	SAMPLE ID NO.
SITE DESCRIPTION (Station Name, No., etc.):	

SCORE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0  Number of Trash Items Found SCORE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0  SCORE 3. Threat to Aquatic Life Paper or wood products or other biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.  SCORE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0  Little or no persistent, bluoyant, and small litter or settleable, degradable, and non-toxic debris such as foamed plastics.  SCORE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0  Little or no persistent, bluoyant, and small litter or settleable, degradable, and non-toxic debris such as set or sources of sources of sources of toxic substances, but any presence of puncture or laceration hazards as shocken glass and metal debris. Or mosquito production & no evidence of foxic substances such as pesticides or batteries, no ponded water for mosquito production & no evidence of puncture or laceration hazards as associated with the		CONDITION CATEGORY			
Trash   visible; filtle or no trash eclose inspection small levels of trash evident when streambed and streambanks are closely examined for litter and debris, for instance by looking under leaves.   Visible debries and debris, for instance by looking under leaves.   Visible debries and debris, for instance by looking under leaves.   Visible debries and debris, Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible debris Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible debris Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible debris Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible debris Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible debris Evidence of site being used by people: scattered cans, bottles, blankets, and/or piles of clothing.   Visible for look of tream reach.   Visible for lo	Assessment	Optimal			Poor
2. Actual Number of Trash Items Found   SCORE   20 19 18 17 16   15 14 13 12 11   10 9 8 7 6   5 4 3 2 1 0		visible; little or no trash evident when streambed and streambanks are closely examined for litter and debris, for instance by looking	no trash visible; after close inspection small levels of trash evident in streambank and	to medium levels on first glance. Streambank surfaces and immediate riparian zone contain litter and debris. Evidence of site being used by people: scattered cans, bottles, blankets, and/or	on first glance. Streambank surfaces and immediate riparian zone contain substantial levels of litter and debris. Evidence of site being used frequently by people: many cans & bottles, food wrappers, manmade shelters, blankets, and/or piles of clothing.
Number of Trash Items Found  SCORE  20 19 18 17 16  Trash, if any, is mostly paper or wood products or other biodegradable materials.  Note: A large amount of rapidly biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.  SCORE  20 19 18 17 16  Trash, if any, is mostly paper or wood products or other biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.  SCORE  SCORE  20 19 18 17 16  15 14 13 12 11  10 9 8 7 6  5 4 3 2 1 0  Little or no persistent, buoyant, and small litter of esttleable, degradable, and non-toxic debris. Presence of esttleable, degradable plastics.  Mote: A large amount of rapidly biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.  SCORE  SCORE  20 19 18 17 16  Note: A large amount of rapidly biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.  SCORE  SCORE  20 19 18 17 16  No medical waste or laceration hazards such as medical waste, no evidence of bacteria or virus hazards such as medical waste, no evidence of foxic substances, but any presence of puncture or laceration hazards such as pesticides or batteries, no ponded water for mosquito production & no evidence of puncture or laceration hazards as associated with the					
Trash, if any, is mostly paper or wood products or other biodegradable materials.	Number of Trash Items	on a rapid survey of a	based on a rapid survey of a 100-foot stream	based on a rapid survey of a 100-foot stream	based on a rapid survey of a 100-foot stream
Aquatic Life    paper or wood products or other biodegradable materials.     Note: A large amount of rapidly biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.     SCORE   20 19 18 17 16   15 14 13 12 11   10 9 8 7 6   5 4 3 2 1 0     A Threat to Human Health   A Threat to production & no evidence of toxic substances such as pesticides or batteries, no ponded water for mosquito production & no evidence of placeration hazards associated with the	SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Threat to Human Health  Observable trash contains no evidence of bacteria or virus hazards such as medical waste, diapers, pet or human waste, no evidence of toxic substances such as pesticides or batteries, no ponded water for mosquito production & no evidence of puncture or laceration hazards associated with the  No medical waste or sources of toxic substances, but any presence of puncture or laceration hazards such as substances, but any presence of puncture or laceration hazards associated with the  No medical waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards associated waste or sources of toxic substances, but any presence of puncture or laceration hazards such as broken glass and metal debris. Or presence of ponded waste within the stream channel or where runoff could carry materials to waterbody; any toxic substances such as pesticides, batteries, or fluorescent light bulbs (mercury); ponded	Aquatic Life	paper or wood products or other biodegradable materials.  Note: A large amount of rapidly biodegradable material like food waste creates high oxygen demand, and should not be scored as optimal.	buoyant, and small litter or debris. Presence of settleable, degradable, and non-toxic debris such as wood, glass, metal, and degradable plastics such as foamed plastics.	persistent (plastic, synthetic rubber or cloth), toxic, buoyant, and small litter such as: plastic bags; pellets; cigarette butts; large deposits of settleable debris such as glass or metal; and any evidence of small clumps of deposited yard waste or leaf litter.	persistent (plastic, synthetic rubber or cloth), toxic, buoyant, and small (transportable) trash such as: cigarette butts; plastic bags; plastic pellets; batteries or other toxic substances; and large clumps of yard waste or dumped leaf litter.
Human Health    contains no evidence of bacteria or virus hazards such as medical waste, diapers, pet or human waste, no evidence of toxic substances such as pesticides or batteries, no ponded water for mosquito production & no evidence of puncture or laceration hazards associated with the    contains no evidence of bacteria or virus hazards such as medical waste, substances, but any presence of puncture or laceration hazards such as broken glass and metal debris. Or presence of ponded water in trash items such as tires or containers that could facilitate mosquito production.    contains no evidence of bacteria or virus substances, but any presence of puncture or laceration hazards associated with the    contains no evidence of bacteria or virus substances, but any presence of puncture or laceration hazards as broken glass and metal debris. Or presence of ponded water in trash items such as tires or containers that could facilitate mosquito production.    contains no evidence of toxic substances, but any presence of puncture or laceration hazards such as broken glass and metal debris. Or presence of ponded water in trash items such as tires or containers that could facilitate mosquito production.    contains no evidence of toxic substances, but any presence of puncture or laceration hazards such as broken glass and metal debris. Or presence of ponded water waste within the stream channel or where runoff waterbody; any toxic substances such as pesticides, batteries, or fluorescent light bulbs (mercury); ponded					
SCORE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0	Human Health	contains no evidence of bacteria or virus hazards such as medical waste, diapers, pet or human waste, no evidence of toxic substances such as pesticides or batteries, no ponded water for mosquito production & no evidence of puncture or laceration hazards associated with the observed litter or debris.	sources of toxic substances, but any presence of puncture or laceration hazards such as broken glass and metal debris. Or presence of ponded water in trash items such as tires or containers that could facilitate mosquito production.	following: hypodermic needles, pipettes, or other medical waste; any used diapers or pet waste within the stream channel or where runoff could carry materials to waterbody; any toxic substance such as pesticides, batteries, or fluorescent light bulbs (mercury).	one of the following: any hypodermic needles, pipettes, or other medical waste; used diapers or pet waste within the stream channel or where runoff could carry materials to waterbody; any toxic substances such as pesticides, batteries, or fluorescent light bulbs (mercury); ponded water in trash items.

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	CONDITION CATEGORY			
Trash	Optimal	Sub optimal	Marginal	Poor
Assessment Parameter				
5. Illegal Dumping and Littering	Any observed trash is incidental litter (less than 5 items) or carried downstream from another location. No evidence of illegal dumping.	Some evidence of instream or shoreline littering; and/or some evidence of illegal dumping, such as a sign prohibiting dumping along with observed garbage bags of material. Limited vehicular access limits the amount of potential dumping, or material dumped is diffuse paper-based debris (e.g., convenience stores or fast food).	Prevalent in-stream or shoreline littering; and/or the presence of one of the following: furniture, appliances, or bags of garbage or yard waste, coupled with vehicular access that facilitates in-and-out dumping of materials to avoid landfill costs.	Significant litter on shoreline or stream banks and streambed; and/or evidence of chronic dumping, with more than one of the following items: furniture, appliances, shopping carts, garbage bags, or yard waste. Easy vehicular access for in-and-out dumping of materials to avoid landfill costs.
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
6. Accumulation of Trash	There does not appear to be a problem with trash accumulation from downstream transport. Observable trash, if any, appears to have been directly deposited at the stream location.	Some evidence that litter and debris have been transported from upstream areas to the location. Less than 5 trash items have been transported from upstream locations, based on evidence such as silt marks, faded colors or location near high water marks.	5 to 20 items of observable trash are carried to the location from upstream, as evidenced by its location near high water marks and siltation marks on the debris.	Trash appears to have accumulated in substantial quantities at the location based on delivery from upstream areas, and is in various states of degradation based on its persistence in the waterbody. Over 20 items of observable trash have been carried to the location from upstream.
SCORE	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0

SITE DEFINITION:	
UPPER/LOWER BOUNDARIES OF REACH:	
HIGH WATER LINE:	
UPPER EXTENT OF BANKS OR SHORE:	
NOTES:	

**Total Score** 

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## TRASH ITEM TALLY (Tally with (|) if found below high water line, and (•) if above)

PLASTIC	METAL	
Plastic Bags	Aluminum Foil	
Plastic Bottles	Aluminum or Steel Cans	
Plastic Bottle Caps	Bottle Caps	
Plastic Cup Lid/Straw	Metal Pipe Segments	
Plastic Pipe Segments	Auto Parts (specify below)	
Plastic Six-Pack Rings	Wire (barb, chicken wire etc.)	
Plastic Wrapper	Metal Object	
Soft Plastic Pieces	LARGE (specify below)	
Hard Plastic Pieces	Appliances	
Styrofoam cups pieces	Furniture	
Styrofoam Pellets	Garbage Bags of Trash	
Fishing Line	Tires	
Tarp	Shopping Carts	
Other (write-in)	Other (write-in)	
BIOHAZARD	TOXIC	
Human Waste/Diapers	Chemical Containers	
Pet Waste	Oil/Surfactant on Water	
Syringes or Pipettes	Spray Paint Cans	
Dead Animals	Lighters	
Other (write-in)	Small Batteries	
CONSTRUCTION DEBRIS	Vehicle Batteries Cigarette Butts	
Concrete (not placed)	Other (write-in)	
Rebar	BIODEGRADABLE	
Bricks	Paper	
Wood Debris	Cardboard	
Other (write-in)	Food Waste	
MISCELLANEOUS	Yard Waste (incl. trees)	
Synthetic Rubber	Leaf Litter Piles	
Foam Rubber	Other (write-in)	
Balloons	GLASS	
Ceramic pots/shards	Glass bottles	
Hose Pieces	Glass pieces	
Golf Balls	FABRIC AND CLOTH	
Tennis Balls	Synthetic Fabric	
Other (write-in)	Natural Fabric (cotton, wool)	
Other (write-in)	Other (write-in)	

Other (write-iii)	Other (write-in)
SPECIFIC DESCRIPTION OF ITEMS FO	OUND (if any):