

Environmental Plastic Assessment Program (EPAP) Data Sheet

DATE: Month		_ Day			Year			
Team Information #4		I	RIB # ci	rcle	which a	pplies: #	1 #2	#3
Surveyors Full Name								
Organization Name (if app	licable)		Organi	izatio	on Location	(City, Coun	try)	
Email Address			Cleanu	ıp St	art Time	Cleanup E	End Time	
Survey Area								
Name of Beach				Cod	ordinates			
				Lat:		Long:		
Major Usage (check most appropriate option)		Reason for Location Cho (check all that apply)			Compass Dire			
Commercial Known fo		oximity/Conve own for Debr ner:	is				- °	
Nearest River Output: Nam Spine:	e:			Арр	proximate Dis	stance from "	zero" on t	ne
Last Tide Before Clean Up			Next Tide	Afte	er Clean Up			
Type (circle one): Low	High		Type (circ	le on	e):	Low	High	
Height:			Height:					
Time:			Time:					
Wind Speed:		Slope				ate Type		
Direction:		(check the most appropriate one)			(check	all that app	oly)	
COMMENTS: Wi		Winter	Sand Pebble Rip Rap (large ner Profile Seaweed Other:			s)		



Surface Rib Scan: Pick up pieces this big or bigger

	Ril	b #1	Rik	#2	Rib	#3	Rib	#4		
SPINE Start Point (0- 100 m)										otals of Ribs in
RIB LENGTH (m)										Column clow
	Fresh	Weathered	Fresh	Weathered	Fresh	Weathered	Fresh	Weathered	F: To	tal W:
Cigarette Butts										
Fishing Line /										
Polypropy lene Rope										
Plastic Cups and Lids										
Plastic Straws										
Film Plastic										
Misc. Plastic										
TOTALS									TOTAL (F)	TOTAL (W)
	Ril	b #1	Rib) #2	Rib) #3	Rib	 		

	Fresh	Weathered	Fresh	Weathered	Fresh	Weathered	Fresh	Weathered	F: To	tal W:
Plastic Bottles										
Plastic or Metal Bottle Caps										
Urethane Foam										
Strofoam										
Plastic base cloth such as nylon/ polyester										
Plastic Hygiene Items										
Plastic PPE										
Other										
TOTALS									TOTAL (F)	TOTAL (W)
					1-4:	_				

Accumulation Survey

If unable to complete an accumulation survey, check box as to why:

Not enough time Not enough people Too much area Too much trash Other:

	Fresh	Weathered	F: To	tal W:
Cigarette Butts				
Fishing Line /				
Polypropylen e Rope				
Plastic Cups and Lids				
Plastic Straws				
Film Plastic				
Misc. Plastic				
TOTALS			TOTAL (F)	TOTAL (W)
	Accumulation Survey	Accumulation Survey		
	Fresh	Weathered	F: To	tal W:
Plastic Bottles				
Plastic or				

Metal Bottle Caps						
Urethane Foam						
Styrofoam						
Plastic base cloth such as nylon/ polyester						
Plastic Hygiene Items						
Plastic PPE						
Other						
TOTALS		All Acc	cumulation Survey Totals:	TOTAL (F)	TOTAL (W)	
Must be swalle	MICRO Debris Survey					
	er than 2.5cm, Sr <mark>haller than th</mark> is icol esh Total	ı	Weathered Total			
			Treatife ed Total			

	Fresh Total		Weathered Total
Rib 1			
Rib 2			
Rib 3			
Rib 4			

Total Fresh: Total Weathered:

	Fresh Total	Weathered Total
Rib 1		
Rib 2		
Rib 3		
Rib 4		

	Cleanup Totals (Use Numbers)						
	Fresh Total	Weathered Total	Total				
All Pieces from Surface Rib Scan							
All Pieces from Accumulation Survey							
All Pieces of Micro Debris							
All Pieces							

Total Weight of All Pieces	
Pieces	

GLOSSARY:

Accumulation Sweep: The Accumulation Sweep documents the remaining 80% of the field area. Volunteers line up at arm's length at one end of the Spine and pick up and record all plastic trash along the 100-meter Spine. The Accumulation Sweep can only be done if you have enough volunteers to cover every portion of the field area, and you have the time to complete the task.

Field Area: If the field area being surveyed is extremely wide, the spine can be placed approximately 50 meters from the water's edge, or at the change of substrate. Each individual survey lead, needs to make a decision on how large the survey area should be. Once decided, all subsequent survey dimensions must remain the same to maintain consistency.

Film Plastic: Thin-gauge packaging material used as a bag or a wrap. Examples include grocery sacks, trash bags, candy/food wraps, drycleaner bags, agricultural sheeting, and plastic wrap.



Micro Debris: Any small pieces of plastic smaller than 2.5 cm.

Miscellaneous Plastic: Pieces or fragments of plastic that may or may not be identifiable. This category includes 100's of different types of plastic such as: hangers, toys, shotgun wads etc.

Plastic Hygiene Items: Whole pieces or fragments of toothbrushes, combs, hairbrushes, tampons etc.

Plastic PPE (Personal Protective Equipment): Medical face masks, shields, gloves, gowns etc.

Rib: The four ribs begin at randomly generated starting places along the 100-meter Spine that run perpendicular to the Spine toward the water's edge.

Spine: A 100-meter section of the shoreline that runs parallel to the water's edge that is typically located in the back beach where there is a change of substrate. The surveyors have the choice to shorten the Rib to accommodate their particular needs.

Substrate: The type of material that makes up the shoreline that you are surveying. The substrate can be sand, gravel, rock, seaweed, grass or other materials.

Surface Rib Scan: Starting at the Spine volunteers walk toward the water surveying on one side of the Rib at a time. Pick up and record all plastic items only on the surface that are greater than 2.5cm. The survey area is 2.5 meters on either side of the Rib, making a total of 5 meters per Rib.

After four Surface Rib Scans are completed, 20 meters of the field area have been documented.

Urethane Foam: Soft porous foam material typical from a mattress or seat cushion, commonly turns brown as it oxidizes.