Surface Water Sampling in San Francisco Bay and Adjacent Sanctuaries

MMP Project Monitoring Event Field Form

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Field Conditions							
Station ID	Region	Station Description	Latitude (N)	Longitude (W)	Date	Wind Speed/Direction	Wave Direction/Height
Sea State	Current Strength/Direction		Water Temperature	Specific Conductivity	pH	DO	Last Rainfall (date/time):

Manta Trawl							
Sample ID		Sampling Time	Latitude (N)	Longitude (W)	Flow Meter	Boat Speed/Heading	Distance Traveled
17MMP-WM-	Start:						
(STA_ID)	End:						
- MP	Media:		Preservative Added and Amount:	Notes:			
	Photo: Y / N						
	Video: Y / N						

Microplastic Pump							
Sample ID		Sampling Time	Latitude (N)	Longitude (W)	Flow Meter	Number of Filters Used	Staff Initials
17MMP-WP20-	Start:						
(STA_ID)	End:						
- MP	Media:		Preservative Added and Amount:	Notes:			
	Photo: Y / N						
	Video: Y / N						

Nanoparticle Grab Sample							
Sample ID		Sampling Time	Latitude (N)	Longitude (W)	Flow Meter		Staff Initials
17MMP-WG-	Start:						
(STA_ID)	End:						
- NP	Media:		Preservative Added and Amount:	Notes:			
	Photo: Y / N						

* include additional sheets as necessary for blanks and duplicates

Sediment Sampling in San Francisco Bay

MMP Project Monitoring Event Field Form

Station Information		
Station ID:	Date:	Time On Station:
Station Coordinates (decimal degrees, 6 decimal places)	Latitude North	Longitude West

Field Observations	
Wave Height (ft):	Wind speed (circle one): Calm Breezy Strong
Filenames of Any Photos Taken:	General Comments:
Grab 1 - Sediment Description (circle one) Sand Silt Mud Rocky/Shell Hardpan	Grab 2 - Sediment Description Sand Silt Mud Rocky/Shell Hardpan
Grab 3 - Sediment Description Sand Silt Mud Rocky/Shell Hardpan	Grab 4 - Sediment Description Sand Silt Mud Rocky/Shell Hardpan

Samples Filled

Sediment Volume	# per Site	Collection and Handling	Sample ID 2017MMP-S-STA#-AGX	Analysis or Purpose	Date Filled/ Frozen
1-L Glass	1 (or2)	Homogenize in lab. Fill at least 500 mL, and no more than 3/4. Freeze.		Microplastics by Univ of Toronto	
1-L Glass	1	Homogenize in lab. Fill about 750 mL. Freeze.		Nanoplastic by Univ. of Michigan	
1-L Glass	1	Homogenize in lab. Fill at least 500 mL, and no more than 3/4. Freeze.		Short term archive	

Wastewater Sampling at San Francisco Bay WWTPs

MMP Project Monitoring Event Field Form

Wastewater Treatment Facility:		
Sample ID:	Start Date:	Start day of week:
Sample personnel/ WWTP Staff assisting:	Start time:	Stop time:
Field Observations:		
Sample port location (sink, exterior pipe etc.)	General Comments:	
Filenames of Any Photos Taken:		
Flow Measurement		
Method to determine flow (bucket/ time; meter, etc):	**Meter** Reading at start:	Reading at finish:
If using bucket, volume:	Start time:	Stop time:
If using bucket, volume:	Start time:	Stop time:
If using bucket, volume:	Start time:	Stop time:

WY 2017 Storm Sampling Field Sheet - WQ only site

Staff:

Sampling Location:

Date(s):

BottleID:	Analyte
	HgT
	SSC
	PCBs
Sieves	Microplastics

Need all bottles to be half filled to collect minimum req'd vol			Aliquots (min to max number, and req'd volums in ml)
Analyte	Bottle Size	Min. Vol.	5 to 12
HgT	2 L	125 ml	100
SSC	2 L	300 ml	100
PCBs	2.5 L	1 L	200

	Start and End Time (Military Standard Time)	Turbidity Cell(s) & Notes
Aliquot 1		
Aliquot 2		
Aliquot 3		
Aliquot 4		
Aliquot 5		
Aliquot 6		
Aliquot 7		
Aliquot 8		
Aliquot 9		
Aliquot 10		

Notes/Additional Turbidity Samples