

Date	30-Apr-88	30-Apr-88	29-Apr to 6	4-Apr-91	27-Apr-91	18-May-91	29-Sep-96	26-Sep-99
Other (specify)?		boat	boat					M
Trash Bags Collected			1	1		1	9	
Estimated Weight of Collected Trash							200	
<u>Wildlife</u>								
<i>Birds</i>								
Loons								
Sea Ducks	100		250				134	24
Other Ducks and Geese				33				1
Bald Eagles								
Adults	1	2	2	5	4		2	
Immatures			1					
Nests			1					
Shorebirds	1	2	1	200				
Seabirds		10	250	500	20	5	152	
Crows and Ravens		3	5	30	15			50
Others (see separate Bird list)	2		5				3	3
<i>Domestic Mammals</i>								
Cattle								
Horses								
Dogs				2				1
Other								
<i>Land Mammals</i>								
Moose								
Adults								
Calves								
Black Bears								
Brown Bears								
Land/River Otters								
Red Squirrels			1				1	
Tracks Identified				moose			moose, bear	coyote
Other								
<i>Marine Mammals</i>								
Sea Otters								3
Harbor Seals		1					1	

Date	30-Apr-88	30-Apr-88	29-Apr to 6	4-Apr-91	27-Apr-91	18-May-91	29-Sep-96	26-Sep-99
Red Sea Urchin								
Sea Cucumbers								
Silky Burrowing Cucumber								
Orange Cucumber (Red Cucumber)								
Tar-spot Cucumber (Black Cucumber)								
Sand Dollars								
Green-spined Sand Dollar (Northern Sand Dollar)								
Chordates								
Tunicates								
Colonial Tunicate (Sea Pork)								
Sea Peach								
Seaweeds								
Green Seaweed			x	x	x	x	x	
Band								
Attached								
Washed Up								
Red Seaweed			x	x		x	x	
Band								
Attached								
Washed Up								
Rockweed								
Band								
Attached								
Washed Up								
Kelps								
Band								
Attached								
Washed Up								
Eelgrass								
Band								
Attached								
Washed Up								
Beach Substrate								
Type			mud	rocky, pebb	sand, mud	rocky, pebb	pebbles	pebbles

Date	30-Apr-88	30-Apr-88	29-Apr to 6	4-Apr-91	27-Apr-91	18-May-91	29-Sep-96	26-Sep-99
Comments								
<i>Most Peculiar Item Collected?</i>	1 upholstered antique chair						1 M/V Tustemena life r	
<i>Comments</i>			Rare to un	Metal uncc	No trash.		Does the s	Styrofoam
<u>Additional Observations and Comments</u>				Suggestions: less wind, birthdays			Good to ve	Beach very

Date	10.09.03	10.3.04	9.20.05	09.23.06					
Other (specify)? ako out to site									
Trash Bags Collected	1	1	3	2					
Estimated Weight of Collected Trash	25	15	95	45					
<u>Wildlife</u>									
<i>Birds</i>									
Loons	0								
Sea Ducks	150	100	flocks	x					
Other Ducks and Geese	0								
Bald Eagles									
Adults	7			2					
Immatures	2		4						
Nests	4								
Shorebirds	0								
Seabirds	0			x					
Crows and Ravens	0								
Others (see separate Bird list)									
<i>Domestic Mammals</i>									
Cattle	0	0							
Horses	0	0		1 tracks					
Dogs	0	0		1 tracks, 1 skeleton					
Other	0	0							
<i>Land Mammals</i>									
Moose				2 tracks					
Adults	0	0		1					
Calves	0	0		1					
Black Bears	0	0							
Brown Bears	0	0							
Land/River Otters	0	0							
Red Squirrels	0	0		2					
Tracks Identified	moose								
Other									
<i>Marine Mammals</i>									
Sea Otters	2	0							
Harbor Seals	13	1		3					

Date	10.09.03	10.3.04	9.20.05	09.23.06					
Dungeness Crab			carapace						
Black-clawed Cancer Crab		x							
Red Hermit Crab									
Striped Hermit Crab									
Decorator Crab									
Carapace Crab									
Red King Crab									
Northern Kelp Crab									
Helmet Crab			x						
Shrimp									
Broken-back Shrimp									
Coonstripe Shrimp									
Sand Shrimp									
Isopods									
Pillbug Isopod									
Rockweek Isopod									
Amphipods									
Skeleton Shrimp									
Small Beach Hopper									
Echinoderms									
Sea Stars									
Little Six-rayed Star			x						
Red-banded Star (Rainbow Star)									
Ochre Star									
Sunflower Star									
Morning Sun Star									
Stimpson's Sun Star									
Rose Star									
Leather Star									
True Star (False Ochre Star, Mottled Star)									
Blood Star									
Brittle Stars									
Serpent Star									
Daisy Brittle Star									
Sea Urchins									
Green Sea Urchin		x							

Date	10.09.03	10.3.04	9.20.05	09.23.06					
Red Sea Urchin									
Sea Cucumbers									
Silky Burrowing Cucumber									
Orange Cucumber (Red Cucumber)									
Tar-spot Cucumber (Black Cucumber)									
Sand Dollars									
Green-spined Sand Dollar (Northern Sand Dollar)									
<u>Chordates</u>									
<u>Tunicates</u>									
Colonial Tunicate (Sea Pork)									
Sea Peach									
<u>Seaweeds</u>									
Green Seaweed									
Band									
Attached									
Washed Up		x							
Red Seaweed									
Band									
Attached									
Washed Up		x							
Rockweed									
Band									
Attached									
Washed Up		x							
Kelps									
Band									
Attached	x		x						
Washed Up		x							
Eelgrass									
Band			x						
Attached									
Washed Up									
<u>Beach Substrate</u>									
Type	es, sand an	rocky, sand	rocky	sand, cobble					

Date	10.09.03	10.3.04	9.20.05	09.23.06					
<u>Bluff and Cliff Erosion</u>									
Comments				none					
<u>Human Activities</u>									
Walking									
Signs of	x	1		3					
Actual observation				1					
Camping									
Signs of	x	4	1	3					
Actual observation									
Partying									
Signs of				1					
Actual observation									
Fire Pits									
Signs of		4	1	2					
Actual observation									
Trash Accumulations									
Signs of									
Actual observation									
Clamming									
Signs of	x								
Actual observation									
Fishing									
Signs of									
Actual observation			3						
Coaling									
Signs of									
Actual observation									
Picnicking									
Signs of				1					
Actual observation									
Horseback Riding									
Signs of				1					

Date	10.09.03	10.3.04	9.20.05	09.23.06					
<u>Outfalls or Pipes</u>									
Number									
Comments									
<u>Toxic Pollution</u>									
Fuel (oil, gas, etc.)									
Lubricating Oil									
Paint									
Batteries									
<u>Trash & Debris</u>									
(from International Coastal Cleanup Data Card)									
<i>Shoreline and Recreational Activities</i>									
Bags/Food Wrappers	0	5		3				17	
Balloons	0	3		1				3	
Beverage Bottles, plastic, 2-liter or less	0	4	12	5				37	
Beverage Bottles, glass	0	2	2	3				12	
Beverage Cans	8	3	3	3				40	
Caps, Lids	0	9	6	4				30	
Clothing, Cloth	0			5				8	
Cups, Plates, Forks, Knives, Spoons	0							25	
Diapers	0							0	
Fast-food Containers	0	2	5	3				7	
6-pack Holders	0							0	
Pull Tabs	0							0	
Shotgun Shells/Wadding	0	1	4	2				12	
Straws, Stirrers	0		1					3	
Toys	0							5	
								0	
<i>Ocean/Waterway Activities</i>									
Bait Containers/Packaging	0		1	1				10	
Bleach/Cleaner Bottles	0		1					4	
Buoys/Floats	0	3		2				19	
Crab/Lobster/Fish Traps	1							2	
Crates	0	1						1	

Date	10.09.03	10.3.04	9.20.05	09.23.06					
Comments									
<i>Most Peculiar Item Collected?</i>	rusty barrel			phosporous flare used by coast guard					
<i>Comments</i>	present.								
<u>Additional Observations and Comments</u>	clean, all trash small, did not walk mainland part of lagoon.								

<u>Zone 18</u>									
Shore									
Total Surveys									
Start Point									
Start Lat/Long									
End Point									
End Lat/Long									
Dates Walked									
Spring Surveys									
Fall Surveys									
First Walked									
Last Walked									
Total Person-Hours									
Total Trash Bags Collected									
Total Estimated Weight of Trash Collected									
<u>General Info</u>									
Date									
Start Time									
End Time									
Lowest Tide									
at time									
Temperature (F)									
Sky									
Vertical Zones Walked:									
High									
Middle									
Low									
# of Observers									
Hours Spent									
Person-Hours									
	0	0	0	0	0	0	0	0	0
Shoreline Walked (miles)									
Total Trip Mileage									
Did Observers . . .									
Hike?									
Kayak?									

Date									
	<u>Bluff and Cliff Erosion</u>								
Comments									
	<u>Human Activities</u>								
Walking									
	Signs of								
	Actual observation								
Camping									
	Signs of								
	Actual observation								
Partying									
	Signs of								
	Actual observation								
Fire Pits									
	Signs of								
	Actual observation								
Trash Accumulations									
	Signs of								
	Actual observation								
Clamming									
	Signs of								
	Actual observation								
Fishing									
	Signs of								
	Actual observation								
Coaling									
	Signs of								
	Actual observation								
Picnicking									
	Signs of								
	Actual observation								
Horseback Riding									
	Signs of								

