

Zone 32

Shore south
Total Surveys 3
Start Point Russian Point
Start Lat/Long
End Point Nanwalek and beyond
End Lat/Long
Dates Walked 1988, 2001, 2005
Spring Surveys 2
Fall Surveys 2
First Walked 1988
Last Walked 2011
Total Person-Hours 208.5
Total Trash Bags Collected 19
Total Estimated Weight of Trash Collected 640

General Info

Date	30-Apr-88	??-May-88	20-Sep-01	10.11.05	7.27.10
Start Time				1500	
End Time				1530	
Lowest Tide					
	at time				
Temperature (F)			43-52	49	
Sky			cloudy	overcast	
Vertical Zones Walked:					
	High	x		x	
	Middle				
	Low		x		
# of Observers	28	2	34	1	30
Hours Spent	2.5	1	1.5	0.5	2
Person-Hours	70	2	51	0.5	60
Shoreline Walked (miles)	1.5		0.5	0.5	3
Total Trip Mileage				1	3
Did Observers . . .					
	Hike?	x	x	x	x
	Kayak?				
	Other (specify)?		boat		
Trash Bags Collected			4	0	10
Estimated Weight of Collected Trash					490

Wildlife Birds

Loons					
Sea Ducks		2		15	
Other Ducks and Geese	74				
Bald Eagles					
	Adults	4	4	1	1
	Immatures	2	2		3
	Nests	1	3		
Shorebirds					

Seabirds		60	127
Crows and Ravens		2	
Others (see separate Bird list)	6	23	

Domestic Mammals

Cattle			
Horses			
Dogs	8		1
Other			

Land Mammals

Moose			
		Adults	
		Calves	
Black Bears			1
Brown Bears			
Land/River Otters			
Red Squirrels			
Tracks Identified			coyote, river otter, hare
Other	1		1

Marine Mammals

Sea Otters	1		
Harbor Seals			
Steller's Sea Lions	5	28	
Harbor Porpoises			
Whales			
		Beluga	
		Orca	2
		Minke	
		Humpback	2
		Gray	
		Unknown	

Other/Unidentified

Please note any unusual wildlife sightings

Coyote droppings and calls; river otter trails he

Invertebrates

(from the Intertidal Biodiversity Checklist)

Please note any interesting observations or changes in abundance here

Coral pink Tunicate sp, red sponge, and hairy

Sponges

Breadcrumb Sponge			x
Purple Sponge			

Cnidarians

Anemones		x	
Burrowing Green Anemone			x
Orange Colonial Anemone			
Frilled (Plumose) Anemone			
Christmas Anemone			x

Sea Jellies

Stimpson's Sun Star		
Rose Star		
Leather Star		
True Star (False Ochre Star, Mottled Star)		x
Blood Star		x

Brittle Stars

Serpent Star		
Daisy Brittle Star		x

Sea Urchins

Green Sea Urchin	x	x
Red Sea Urchin		x

Sea Cucumbers

Silky Burrowing Cucumber		
Orange Cucumber (Red Cucumber)		
Tar-spot Cucumber (Black Cucumber)		x

Sand Dollars

Green-spined Sand Dollar (Northern Sand Dollar)

Chordates

Tunicates

Colonial Tunicate (Sea Pork)
Sea Peach

Seaweeds

Green Seaweed	Band		
	Attached	x	
	Washed Up	x	x
Red Seaweed	Band		
	Attached	x	
	Washed Up	x	x
Rockweed	Band	x	
	Attached	x	
	Washed Up	x	x
Kelps	Band		
	Attached	x	
	Washed Up	x	x
Eelgrass	Band		
	Attached	x	
	Washed Up		x

Beach Substrate

Type rocky, sand pebbles

Bluff and Cliff Erosion

Comments Big rocks færosion - see notes

Human Activities

Walking	Signs of Actual observation	1	20	2
Camping	Signs of Actual observation		1	
Partying	Signs of Actual observation			
Fire Pits	Signs of Actual observation		several	
Trash Accumulations	Signs of Actual observation	1		
Clamming	Signs of Actual observation			
Fishing	Signs of Actual observation		8	
Coaling	Signs of Actual observation		29	
Picnicking	Signs of Actual observation		1	
Horseback Riding	Signs of Actual observation			
Harvesting (specify)	Signs of Actual observation		yes--bidarkis	
Other (specify)				

Vehicle Use

Cars/Trucks	Sets of tracks Actual observation			1 1
ATVs/Motorcycles	Sets of tracks Actual observation		4	15
Bicycles	Sets of tracks Actual observation			
Aircraft	Sets of tracks Actual observation		1	
Other (specify)				

Structures on the Beach

Buildings	2	1		
Docks				
Driftwood Structures			3	
Riprapped Areas			1	
Erosion Control Structures			1	
Abandoned Vehicles			1	1
Abandoned Boats	2			
		Boat Parts		

Archaeological Sites

Shell Middens
 Other (specify) Looked for A skeleton came out of cliffs sever:

Outfalls or Pipes

Number 1 4 4
 Comments town sewage pipe to o sewer, water longer used

Toxic Pollution

Fuel (oil, gas, etc.)
 Lubricating Oil
 Paint
 Batteries

Trash & Debris

(from International Coastal Cleanup Data Card)

Shoreline and Recreational Activities

Bags (Paper & Plastic)	1			10
Balloons				7
Beverage Bottles, plastic, 2-liter or less				150
Beverage Bottles, glass	1		1	61
Beverage Cans	1			107
Caps, Lids				7
Clothing, Cloth				23
Cups, Plates, Forks, Knives, Spoons				50
Food Wrappers/Containers				172
6-pack Holders				
Pull Tabs				
Shotgun Shells/Wadding				10
Straws, Stirrers				
Toys				1

Ocean/Waterway Activities

Bait Containers/Packaging				
Bleach/Cleaner Bottles	1			7
Buoys/Floats	2	1	3	4
Crab/Lobster/Fish Traps				
Crates				
Fishing Line	1			5
Fishing Lures				
Fishing Nets	3	1	1	1

Light Bulbs/Tubes		
Oil/Lube Bottles		3
Pallets		
Plastic Sheeting/Tarps	1	12
Rope/cable		2
Strapping Bands		7

Smoking-Related Activities

Cigarettes/Cigarette Filters		250
Cigarette Lighters		
Cigar Tips		
Tobacco Packaging/Wrappers		10

Dumping Activities

Appliances (refrigerators, washers, etc.)		
Batteries		
Building Materials		4
Cars/Car Parts	1	7
55-gallon Drums		
Tires		1

Medical/Personal Hygiene

Condoms		
Diapers		1
Syringes		
Tampons/Tampon Applicators		

Debris Items of Local Concern

	Lots of trash on beach - see notes	
Styrofoam Pieces	1	
Plastic Pieces	1	
Paper products		30
Metal Pieces	1	
Other		

Entangled Animals

Type of Animal
 Form of Entangling Debris
 Comments

Most Peculiar Item Collected?

2 old bicycles.

Comments

Some motc Trash pres Aluminum, buoys, glass, metal, pla

Additional Observations and Comments

Covered sç Chrome Bæ Covered by Nanwalek middle and l

10.13.11

TOTAL

25
1
25
1

0

0

0

0

0

0

0

0

x

5
150

0
17
74

10
7
4
0

187
2
29

0
0
9
0

0
0
1
0
0
0
0
2

1
0
33
0

0
2
0
2
0
0
0

heavily used, hare droppings, squirrels common. Several seals, sea otters present. 1 sea otter carcass.

hermit crab present.

al years ago.

41	52
	7
33	183
28	91
11	119
1	8
10	33
2	52
7	179
1	1
5	5
	10
1	1
	1
1	1
	8
1	11
1	1
	0
3	9
1	1
2	8

	0
	3
	0
5	18
17	19
	7
31	281
	0
	0
4	14
	0
1	1
1	5
10	18
	0
	1
	0
	1
1	0
	1
4	5
44	45
	30
32	33
25	25

A large accumulation of debris was noted just to the right of the beach as you face the water. The Port (high schoolers. In addition to 4 bags of trash, filled back of truck with other trash.

0 0 0 0 0 0 0 0 0

Whales seen between Flat Island and English Bay. Sculpin, lots of dolly varden, flounders in Clam Cove

Graham environmental coordinator was aware of the issue and knows that location has been used as ar

0

0

0

e, bullheads, yellow bellies, caught and released 1 ~24" (wing) skate. (animal locations on map)

an illegal dump site.