

	A	B	C	D	E	F	G	H
1								
2	<b><u>Zone 1</u></b>							
3	<b>Shore</b>	North						
4	<b>Total Surveys</b>	23						
5	<b>Start Point</b>	Anchor Point						
6	<b>Start Lat/Long</b>	.4 N 151 40.7 W						
7	<b>End Point</b>	Diamond Gulch						
8	<b>End Lat/Long</b>							
9	<b>Dates Walked</b>	1984, 87-92, 96, 98, 2000-05						
10	<b>Spring Surveys</b>	15						
11	<b>Fall Surveys</b>	12						
12	<b>First Walked</b>	1984						
13	<b>Last Walked</b>	2005						
14	<b>Total Person-Hours</b>	508						
15	<b>Total Trash Bags Collected</b>	115						
16	<b>Total Estimated Weight of Trash Collected</b>	895						
17								
18	<b><u>General Info</u></b>							
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
20	<b>Start Time</b>				1000		1245	1430
21	<b>End Time</b>				1400		1700	1730
22	<b>Lowest Tide</b>							-2.6
23	<b>at time</b>							1229
24	<b>Temperature (F)</b>							
25	<b>Sky</b>				sunny			
26	<b>Vertical Zones Walked:</b>							
27	High			x			x	
28	Middle							
29	Low		x	x				
30	<b># of Observers</b>	5	3	2	2	4	5	2
31	<b>Hours Spent</b>	1	2	4	4	1	4.25	3
32	<b>Person-Hours</b>	5	6	8	8	4	21.25	6
33	<b>Shoreline Walked (miles)</b>		2	7	2	1	5	5
34	<b>Total Trip Mileage</b>				4		10	
35	<b>Did Observers . . .</b>							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
36	Hike?	x		x	x	x	x	x
37	Kayak?							
38	Other (specify)?							car
39	<b>Trash Bags Collected</b>					1	5	1
40	<b>Estimated Weight of Collected Trash</b>							
41								
42	<b><u>Wildlife</u></b>							
43	<b><i>Birds</i></b>							
44	Loons	1	1	1		3	3	
45	Sea Ducks	50	7		10			
46	Other Ducks and Geese							
47	Bald Eagles							
48	Adults	4	1	1	1		7	15
49	Immatures		4	4	2		5	1
50	Nests	1						
51	Shorebirds		10	30				
52	Seabirds	50	50	25	115	10	110	65
53	Crows and Ravens	27	3				2	
54	Others (see separate Bird list)	2			8			
55								
56	<b><i>Domestic Mammals</i></b>							
57	Cattle							
58	Horses							
59	Dogs	1	4	4	4		3	
60	Other							
61	<b><i>Land Mammals</i></b>							
62	Moose							
63	Adults							1
64	Calves							
65	Black Bears							
66	Brown Bears							
67	Land/River Otters							
68	Red Squirrels						1	
69	Tracks Identified							
70	Other							

	A	B	C	D	E	F	G	H	
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90	
71	<b>Marine Mammals</b>								
72	Sea Otters	1							
73	Harbor Seals	50		4					
74	Steller's Sea Lions								
75	Harbor Porpoises								
76	Whales								
77	Beluga								
78	Orca								
79	Minke								
80	Humpback								
81	Gray								
82	Unknown								
83	Other/Unidentified								
84									
85	<b>Please note any unusual wildlife sightings</b>	Harbor seals found off Slide Point					Moose hide + part of body on b		
86									
87									
88	<b><u>Invertebrates</u></b>								
89	<i>(from the Intertidal Biodiversity Checklist)</i>								
90									
91	<b>Please note any interesting observations or changes in abundance here</b>			1 dead octopus					
92									
93									
94	<b>Sponges</b>								
95	Breadcrumb Sponge								
96	Purple Sponge								
97	<b>Cnidarians</b>								
98	<b>Anemones</b>							x	
99	Burrowing Green Anemone								
100	Orange Colonial Anemone								
101	Frilled (Plumose) Anemone								
102	Christmas Anemone								
103	<b>Sea Jellies</b>								
104	Moon Jelly								
105	Many-ribbed Hydromedusa								

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
106	Compass Jelly							
107	Lion's Mane Jelly							
108	<b>Worms</b>							
109	Giant Flatworm							
110	<b>Nemertean</b>							
111	Amphiporus (Two-spotted) Ribbon Worm							
112	Red Ribbon Worm							
113	<b>Echiurans</b>							
114	Fat Innkeeper (Alaskan Spoonworm)							
115	<b>Sipunculids</b>							
116	Peanut Worm							
117	<b>Annelids</b>							
118	Mussel Worm (Clam Worm)							
119	Northern Feather Duster Worm (Carpet Worm)							
120	Cone Worm							
121	Calcareous Tube Worm							
122	Spiral Tube Worm							
123	Scaleworm							
124	<b>Brachiopods</b>							
125	Transverse Lampshell							
126	<b>Mollusks</b>							
127	<b>Chitons</b>							x
128	Gumboot Chiton							
129	Black Katy Chiton							
130	Brick Chiton							
131	Mossy Chiton							
132	Tiger Chiton							
133	Lined Chiton							
134	<b>Limpets</b>						x	x
135	Dunce Cap Limpet							
136	Plate Limpet							
137	<b>Snails</b>						x	x
138	Hairy Triton							
139	Sitka Periwinkle							
140	Helicina Margarite							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
141	Puppet Margarite							
142	Aleutian Moonshell							
143	Ridged Neptune							
144	Channeled Dogwinkle							
145	Emarginate Dogwinkle							
146	Friiled Dogwinkle							
147	File Dogwinkle							
148	Big-mouth Whelk							
149	<b>Nudibranchs</b>							
150	Maned Nudibranch							
151	False Sea Lemon (False Lemon Peel)							
152	Orange-tipped Nudibranch							
153	Opalescent Nudibranch							
154	Bushy-backed Nudibranch							
155	<b>Clams</b>							x
156	Nuttall's Cockle							
157	Northwest Ugly Clam							
158	Arctic Rock Borer							
159	Baltic Macoma							
160	Stained Macoma							
161	Pacific Surf Clam							
162	Truncated Mya							
163	Steamer Clam (Pacific Littleneck Clam)							
164	Butter Clam							
165	Razor Clam							
166	<b>Mussels</b>			x			x	x
167	Horse Mussel							
168	Pacific Blue Mussel							
169	<b>Scallops</b>							
170	Pink Scallop							
171	<b>Jingles</b>							
172	Rock Jingle							
173	<b>Cephalopods</b>							
174	Giant Pacific Octopus							
175	Stubby Squid							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
176	<b>Arthropods</b>							
177	<b>Barnacles</b>						x	x
178	Acorn Barnacle							
179	Pelagic Gooseneck Barnacle							
180	Thatched Acorn Barnacle							
181	<b>Crabs</b>			x				x
182	Dungeness Crab							
183	Black-clawed Cancer Crab							
184	Red Hermit Crab							
185	Striped Hermit Crab							
186	Decorator Crab							
187	Carapace Crab							
188	Red King Crab							
189	Northern Kelp Crab							
190	Helmet Crab							
191	<b>Shrimp</b>							
192	Broken-back Shrimp							
193	Coonstripe Shrimp							
194	Sand Shrimp							
195	<b>Isopods</b>							
196	Pillbug Isopod							
197	Rockweek Isopod							
198	<b>Amphipods</b>							
199	Skeleton Shrimp							
200	Small Beach Hopper							
201	<b>Echinoderms</b>							
202	<b>Sea Stars</b>							x
203	Little Six-rayed Star							
204	Red-banded Star (Rainbow Star)							
205	Ochre Star							
206	Sunflower Star							
207	Morning Sun Star							
208	Stimpson's Sun Star							
209	Rose Star							
210	Leather Star							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
211	True Star (False Ochre Star, Mottled Star)							
212	Blood Star							
213	<b>Brittle Stars</b>							
214	Serpent Star							
215	Daisy Brittle Star							
216	<b>Sea Urchins</b>							x
217	Green Sea Urchin							
218	Red Sea Urchin							
219	<b>Sea Cucumbers</b>							
220	Silky Burrowing Cucumber							
221	Orange Cucumber (Red Cucumber)							
222	Tar-spot Cucumber (Black Cucumber)							
223	<b>Sand Dollars</b>							
224	Green-spined Sand Dollar (Northern Sand Dollar)							
225	<b>Chordates</b>							
226	<b>Tunicates</b>							
227	Colonial Tunicate (Sea Pork)							
228	Sea Peach							
229								
230	<b>Seaweeds</b>							
231	Green Seaweed						x	x
232	Band							
233	Attached							
234	Washed Up							
235	Red Seaweed						x	x
236	Band							
237	Attached							
238	Washed Up							
239	Rockweed							
240	Band							
241	Attached							
242	Washed Up							
243	Kelps							
244	Band							
245	Attached							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
246	Washed Up							
247	Eelgrass							
248	Band							
249	Attached							
250	Washed Up							
251								
252	<b><u>Beach Substrate</u></b>							
253	Type		all				pebbles, sand	sand, pebb
254								
255	<b><u>Bluff and Cliff Erosion</u></b>							
256	Comments		serious erosion from s	Much natural erosion of bluffs	Severe erosion	Severe ero		
257								
258								
259								
260	<b><u>Human Activities</u></b>							
261	Walking							
262	Signs of							
263	Actual observation	1	2	3	6		24	
264	Camping							
265	Signs of			1				1
266	Actual observation		2	1			4	
267	Partying							
268	Signs of							
269	Actual observation							
270	Fire Pits							
271	Signs of							
272	Actual observation		1					
273	Trash Accumulations							
274	Signs of							
275	Actual observation							
276	Clamming							
277	Signs of							
278	Actual observation							
279	Fishing							
280	Signs of							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
281	Actual observation		4					
282	Coaling							
283	Signs of	1						
284	Actual observation							
285	Picnicking							
286	Signs of							1
287	Actual observation							
288	Horseback Riding							
289	Signs of							
290	Actual observation							
291	Harvesting (specify)							
292	Signs of							
293	Actual observation							
294	Other (specify)							
295								
296	<b><u>Vehicle Use</u></b>							
297	Cars/Trucks							
298	Sets of tracks			2				2
299	Actual observation		11	1	1		10	
300	ATVs/Motorcycles							
301	Sets of tracks							15
302	Actual observation				2		2	
303	Bicycles							
304	Sets of tracks							
305	Actual observation		1					
306	Aircraft							
307	Sets of tracks							
308	Actual observation						2	
309	Other (specify)							
310								
311								
312	<b><u>Structures on the Beach</u></b>							
313	Buildings			8			4	1
314	Docks							
315	Driftwood Structures							

	A	B	C	D	E	F	G	H
19	<b>Date</b>	30-Nov-84	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr to 6-May-89	29-Apr to 6-May-89	29-Apr-90
316	Riprapped Areas							
317	Erosion Control Structures							
318	Abandoned Vehicles	2					1	
319	Abandoned Boats							
320	Boat Parts							
321								
322	<b><u>Archaeological Sites</u></b>							
323	Shell Middens							
324	Other (specify)							
325								
326	<b><u>Outfalls or Pipes</u></b>							
327	Number							
328	Comments							
329								
330	<b><u>Toxic Pollution</u></b>							
331	Fuel (oil, gas, etc.)							
332	Lubricating Oil							
333	Paint							
334	Batteries							
335								
336	<b><u>Trash &amp; Debris</u></b>							
337	(from International Coastal Cleanup Data Card)							
338								
339	<b><i>Shoreline and Recreational Activities</i></b>							
340	Bags/Food Wrappers							
341	Balloons							
342	Beverage Bottles, plastic, 2-liter or less		2					
343	Beverage Bottles, glass		2	3				
344	Beverage Cans	2	lots	3		2		
345	Caps, Lids							
346	Clothing, Cloth							
347	Cups, Plates, Forks, Knives, Spoons							
348	Diapers							
349	Fast-food Containers							
350	6-pack Holders							



















	A	I	J	K	L	M	N	O	P
19	<b>Date</b>	29-Apr-90	28-Apr-90	6-May-90	4-May-91	??-Apr-91	27-Apr-91	4-May-91	9-May-92
246	Washed Up								
247	Eelgrass								
248	Band								
249	Attached								
250	Washed Up								
251									
252	<b><u>Beach Substrate</u></b>								
253	Type	rocky	sand, pebbles, r	pebbles, r	rocky, pebbles, s	pebbles, s	rocky	all	
254									
255	<b><u>Bluff and Cliff Erosion</u></b>								
256	Comments	severe	severe	n/a	severe		severe	moderate to slight	
257									
258									
259									
260	<b><u>Human Activities</u></b>								
261	Walking								
262	Signs of				2	2			
263	Actual observation			12	6			3	
264	Camping								
265	Signs of	1					1		
266	Actual observation				4			1	
267	Partying								
268	Signs of								
269	Actual observation								
270	Fire Pits								
271	Signs of								
272	Actual observation			2					
273	Trash Accumulations								
274	Signs of								
275	Actual observation								
276	Clamming								
277	Signs of								
278	Actual observation								
279	Fishing								
280	Signs of						1		

































	A	Y	Z	AA	AB	AC	AD	AE
1								
2	<b><u>Zone 1</u></b>							
3	<b>Shore</b>							
4	<b>Total Surveys</b>							
5	<b>Start Point</b>							
6	<b>Start Lat/Long</b>							
7	<b>End Point</b>							
8	<b>End Lat/Long</b>							
9	<b>Dates Walked</b>							
10	<b>Spring Surveys</b>							
11	<b>Fall Surveys</b>							
12	<b>First Walked</b>							
13	<b>Last Walked</b>							
14	<b>Total Person-Hours</b>							
15	<b>Total Trash Bags Collected</b>							
16	<b>Total Estimated Weight of Trash Collected</b>							
17								
18	<b><u>General Info</u></b>	until large buolders, 1.5 mi. from river						
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
20	<b>Start Time</b>	900	900	930				
21	<b>End Time</b>	500	1100	1800				
22	<b>Lowest Tide</b>	-1.5		1.7				
23	<b>at time</b>	940		1123				
24	<b>Temperature (F)</b>	58	55	50				
25	<b>Sky</b>	sunny	sunny	overcast				
26	<b>Vertical Zones Walked:</b>							
27	High	x	x	x	x			
28	Middle	x	x					
29	Low							
30	<b># of Observers</b>	5	27	3	8			
31	<b>Hours Spent</b>	8	2	8.5				
32	<b>Person-Hours</b>	40	54	25.5				
33	<b>Shoreline Walked (miles)</b>	9	1.5	9				
34	<b>Total Trip Mileage</b>	11	3	12				
35	<b>Did Observers . . .</b>							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
36	Hike?	x	x	x	x			
37	Kayak?							
38	Other (specify)?							
39	<b>Trash Bags Collected</b>	14	8	12	24			
40	<b>Estimated Weight of Collected Trash</b>	150	150	120	230			
41								
42	<b><u>Wildlife</u></b>							
43	<b><i>Birds</i></b>							
44	Loons	5	0	20	10			
45	Sea Ducks	5	0	71	392			
46	Other Ducks and Geese	1	0					
47	Bald Eagles							
48	Adults	7	0	9	3			
49	Immatures	3	1	0	1			
50	Nests	0	0	0	0			
51	Shorebirds	0	1	8	x			
52	Seabirds	128	250	25				
53	Crows and Ravens		3					
54	Others (see separate Bird list)		2 dead gull/regine falcon					
55								
56	<b><i>Domestic Mammals</i></b>							
57	Cattle	0	0	0	0			
58	Horses	0	0	0	0			
59	Dogs	0	droppings,	0	0			
60	Other	0	0	0	0			
61	<b><i>Land Mammals</i></b>							
62	Moose							
63	Adults	0	0	0	0			
64	Calves	0	0	0	0			
65	Black Bears	0	0	0	0			
66	Brown Bears	0	0	0	0			
67	Land/River Otters		0	0	0			
68	Red Squirrels	0	0	0	0			
69	Tracks Identified	own bear, mo	0	fox	0			
70	Other		0	0	0			

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
71	<b>Marine Mammals</b>							
72	Sea Otters	7	0	16	21			
73	Harbor Seals	4	0	36	2			
74	Steller's Sea Lions	0	0	3	0			
75	Harbor Porpoises	0	0	0	0			
76	Whales							
77	Beluga	0	0	0	0			
78	Orca	0	0	0	0			
79	Minke	0	0	0	0			
80	Humpback	0	0	0	0			
81	Gray	0	0	0	0			
82	Unknown	0	1	0	0			
83	Other/Unidentified							
84								
85	<b>Please note any unusual wildlife sightings</b>	1 dead murre						
86								
87								
88	<b><u>Invertebrates</u></b>							
89	<i>(from the Intertidal Biodiversity Checklist)</i>							
90								
91	<b>Please note any interesting observations or changes in abundance here</b>	to extensive tidepool sculpin at sight						
92								
93								
94	<b>Sponges</b>				x			
95	Breadcrumb Sponge		x					
96	Purple Sponge							
97	<b>Cnidarians</b>							
98	<b>Anemones</b>							
99	Burrowing Green Anemone		x					
100	Orange Colonial Anemone							
101	Frilled (Plumose) Anemone							
102	Christmas Anemone							
103	<b>Sea Jellies</b>							
104	Moon Jelly		x					
105	Many-ribbed Hydromedusa							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
106	Compass Jelly							
107	Lion's Mane Jelly							
108	<b>Worms</b>							
109	Giant Flatworm							
110	<b>Nemertean</b>							
111	Amphiporus (Two-spotted) Ribbon Worm							
112	Red Ribbon Worm							
113	<b>Echiurans</b>							
114	Fat Innkeeper (Alaskan Spoonworm)							
115	<b>Sipunculids</b>							
116	Peanut Worm							
117	<b>Annelids</b>							
118	Mussel Worm (Clam Worm)							
119	Northern Feather Duster Worm (Carpet Worm)							
120	Cone Worm							
121	Calcareous Tube Worm							
122	Spiral Tube Worm							
123	Scaleworm							
124	<b>Brachiopods</b>							
125	Transverse Lampshell							
126	<b>Mollusks</b>							
127	<b>Chitons</b>							
128	Gumboot Chiton				x			
129	Black Katy Chiton							
130	Brick Chiton							
131	Mossy Chiton							
132	Tiger Chiton							
133	Lined Chiton							
134	<b>Limpets</b>							
135	Dunce Cap Limpet		x					
136	Plate Limpet							
137	<b>Snails</b>							
138	Hairy Triton							
139	Sitka Periwinkle							
140	Helicina Margarite							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
141	Puppet Margarite							
142	Aleutian Moonshell							
143	Ridged Neptune							
144	Channeled Dogwinkle		x					
145	Emarginate Dogwinkle							
146	Friiled Dogwinkle							
147	File Dogwinkle							
148	Big-mouth Whelk							
149	<b>Nudibranchs</b>							
150	Maned Nudibranch							
151	False Sea Lemon (False Lemon Peel)							
152	Orange-tipped Nudibranch							
153	Opalescent Nudibranch							
154	Bushy-backed Nudibranch							
155	<b>Clams</b>							
156	Nuttall's Cockle		x					
157	Northwest Ugly Clam							
158	Arctic Rock Borer				x			
159	Baltic Macoma							
160	Stained Macoma							
161	Pacific Surf Clam		x					
162	Truncated Mya							
163	Steamer Clam (Pacific Littleneck Clam)		x					
164	Butter Clam		x		x			
165	Razor Clam	x						
166	<b>Mussels</b>				x			
167	Horse Mussel							
168	Pacific Blue Mussel	x	x					
169	<b>Scallops</b>							
170	Pink Scallop	x						
171	<b>Jingles</b>							
172	Rock Jingle	x						
173	<b>Cephalopods</b>							
174	Giant Pacific Octopus	x						
175	Stubby Squid							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
176	<b>Arthropods</b>							
177	<b>Barnacles</b>				x			
178	Acorn Barnacle		x					
179	Pelagic Gooseneck Barnacle	x	x					
180	Thatched Acorn Barnacle							
181	<b>Crabs</b>							
182	Dungeness Crab		x		x			
183	Black-clawed Cancer Crab							
184	Red Hermit Crab		x					
185	Striped Hermit Crab							
186	Decorator Crab		x					
187	Carapace Crab							
188	Red King Crab							
189	Northern Kelp Crab							
190	Helmet Crab							
191	<b>Shrimp</b>							
192	Broken-back Shrimp		x					
193	Coonstripe Shrimp							
194	Sand Shrimp							
195	<b>Isopods</b>							
196	Pillbug Isopod							
197	Rockweek Isopod	x						
198	<b>Amphipods</b>							
199	Skeleton Shrimp							
200	Small Beach Hopper							
201	<b>Echinoderms</b>							
202	<b>Sea Stars</b>							
203	Little Six-rayed Star							
204	Red-banded Star (Rainbow Star)							
205	Ochre Star							
206	Sunflower Star							
207	Morning Sun Star							
208	Stimpson's Sun Star							
209	Rose Star							
210	Leather Star							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
211	True Star (False Ochre Star, Mottled Star)							
212	Blood Star							
213	<b>Brittle Stars</b>							
214	Serpent Star							
215	Daisy Brittle Star							
216	<b>Sea Urchins</b>							
217	Green Sea Urchin							
218	Red Sea Urchin							
219	<b>Sea Cucumbers</b>							
220	Silky Burrowing Cucumber							
221	Orange Cucumber (Red Cucumber)							
222	Tar-spot Cucumber (Black Cucumber)							
223	<b>Sand Dollars</b>							
224	Green-spined Sand Dollar (Northern Sand Dollar)							
225	<b>Chordates</b>							
226	<b>Tunicates</b>							
227	Colonial Tunicate (Sea Pork)							
228	Sea Peach							
229								
230	<b>Seaweeds</b>	identified: shotgun, bull, acid kelp, ulva, wild nori						
231	Green Seaweed							
232	Band							
233	Attached							
234	Washed Up		x					
235	Red Seaweed							
236	Band			x				
237	Attached							
238	Washed Up		x	x				
239	Rockweed							
240	Band							
241	Attached							
242	Washed Up		x	x				
243	Kelps							
244	Band		x					
245	Attached	x						

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
246	Washed Up	x	x					
247	Eelgrass							
248	Band							
249	Attached							
250	Washed Up		x					
251								
252	<b><u>Beach Substrate</u></b>							
253	Type	pebbles	rocky, sand	all				
254								
255	<b><u>Bluff and Cliff Erosion</u></b>							
256	Comments	n drainage,	ss erosion	ificant eros	59.42.76 N	151.48.71 W		
257								
258								
259								
260	<b><u>Human Activities</u></b>							
261	Walking							
262	Signs of		x					
263	Actual observation	5	2					
264	Camping							
265	Signs of				x			
266	Actual observation							
267	Partying							
268	Signs of		4					
269	Actual observation							
270	Fire Pits							
271	Signs of		3	3				
272	Actual observation	3						
273	Trash Accumulations							
274	Signs of							
275	Actual observation							
276	Clamming							
277	Signs of							
278	Actual observation							
279	Fishing							
280	Signs of		5					

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
281	Actual observation							
282	Coaling							
283	Signs of							
284	Actual observation							
285	Picnicking							
286	Signs of		7					
287	Actual observation							
288	Horseback Riding							
289	Signs of							
290	Actual observation							
291	Harvesting (specify)							
292	Signs of							
293	Actual observation							
294	Other (specify)							
295								
296	<b><u>Vehicle Use</u></b>							
297	Cars/Trucks							
298	Sets of tracks	x	7					
299	Actual observation		2					
300	ATVs/Motorcycles							
301	Sets of tracks		3	2	x			
302	Actual observation							
303	Bicycles							
304	Sets of tracks							
305	Actual observation							
306	Aircraft							
307	Sets of tracks							
308	Actual observation	3		3				
309	Other (specify)		one boat					
310								
311								
312	<b><u>Structures on the Beach</u></b>							
313	Buildings		ruins, 2 habitable	cabins, 1 occupied	as previous years			
314	Docks		site					
315	Driftwood Structures							

	A	Y	Z	AA	AB	AC	AD	AE
19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05			
316	Riprapped Areas							
317	Erosion Control Structures							
318	Abandoned Vehicles							
319	Abandoned Boats							
320	Boat Parts	four gravel rds down to beach						
321								
322	<b><u>Archaeological Sites</u></b>							
323	Shell Middens							
324	Other (specify)							
325								
326	<b><u>Outfalls or Pipes</u></b>							
327	Number							
328	Comments							
329								
330	<b><u>Toxic Pollution</u></b>							
331	Fuel (oil, gas, etc.)		x					
332	Lubricating Oil							
333	Paint							
334	Batteries							
335								
336	<b><u>Trash &amp; Debris</u></b>							
337	(from International Coastal Cleanup Data Card)							
338								
339	<b><i>Shoreline and Recreational Activities</i></b>							
340	Bags/Food Wrappers	11	7	8	25		58	
341	Balloons	0	0	6	0		8	
342	Beverage Bottles, plastic, 2-liter or less	230	35	78	283		791	
343	Beverage Bottles, glass	27	35	18	13		113	
344	Beverage Cans	18	75	30	49		227	
345	Caps, Lids	25	23	10	32		112	
346	Clothing, Cloth	9	8	5	5		30	
347	Cups, Plates, Forks, Knives, Spoons	0	18	0	8		32	
348	Diapers	1	0		0		1	
349	Fast-food Containers	25	55	3	31		126	
350	6-pack Holders	0	1		0		1	



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19	<b>Date</b>	11.09.03	12.09.03	09.13.04	09.11.05				
386	<b>Medical/Personal Hygiene</b>						0		
387	Syringes	0	0		0		0		
388	Condoms	0	0		0		0		
389	Tampons/Tampon Applicators	0	0		0		0		
390									
391	<b>Debris Items of Local Concern</b>	11 pieces of bus sizes; 8 paper products; 5 fireworks							
392		2 computers							
393		60 styrofoam pieces							
394									
395	<b>Entangled Animals</b>								
396	Type of Animal								
397	Form of Entangling Debris								
398	Comments								
399									
400	<b>Most Peculiar Item Collected?</b>	15 fishing fl and mufflelastic strapping tape							
401									
402	<b>Comments</b>	ear.							
403									
404									
405	<b>Additional Observations and Comments</b>	garbage appears less but we still get the large numbers of bags filled.							
406									
407				see notes in word file for zone					