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**Prepared by:
Exxon Valdez Oil Spill Restoration Office
Habitat Work Group
February 13, 1995**

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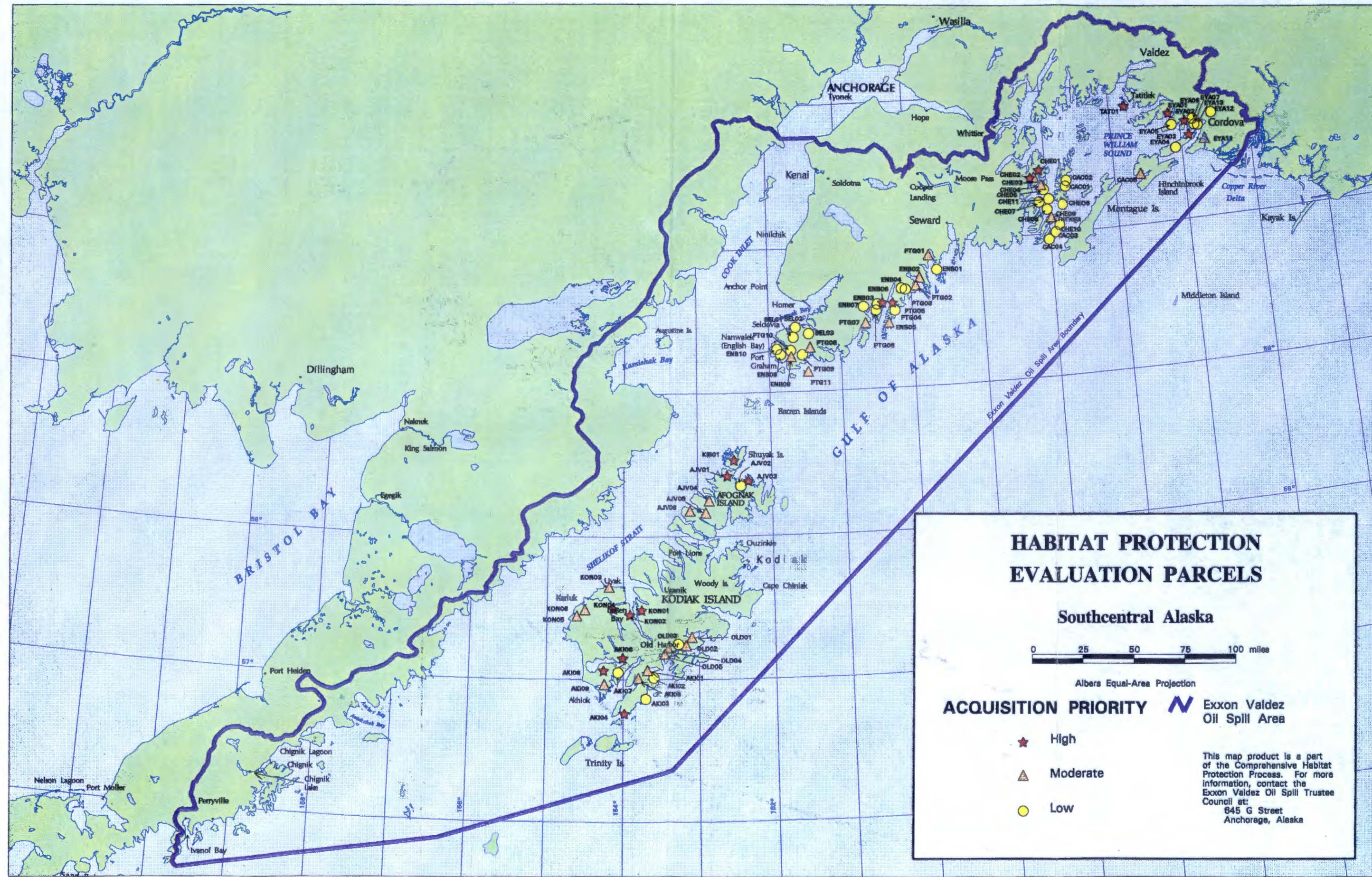


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SMALL PARCEL EVALUATION & RANKING

VOLUME III

February 13, 1995

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COMPREHENSIVE HABITAT PROTECTION PROCESS

SMALL PARCEL EVALUATION & RANKING

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Introduction

The *Comprehensive Habitat Protection Process* is the method for evaluating and ranking lands for habitat protection. The results of this Process are used in the acquisition of lands or partial interests in lands that contain habitats linked to resources and/or services injured by the *Exxon Valdez* oil spill. The Process consists of large (>1000 acres) and small (<1000 acres) parcel elements. Results of the Large Parcel Evaluation and Ranking element are contained in Volumes I and II of this series of Trustee Council reports. This document presents the results of the small parcel analysis that evaluated the benefit of small parcel protection (parcels less than one thousand acres) to the recovery of injured resources and services.

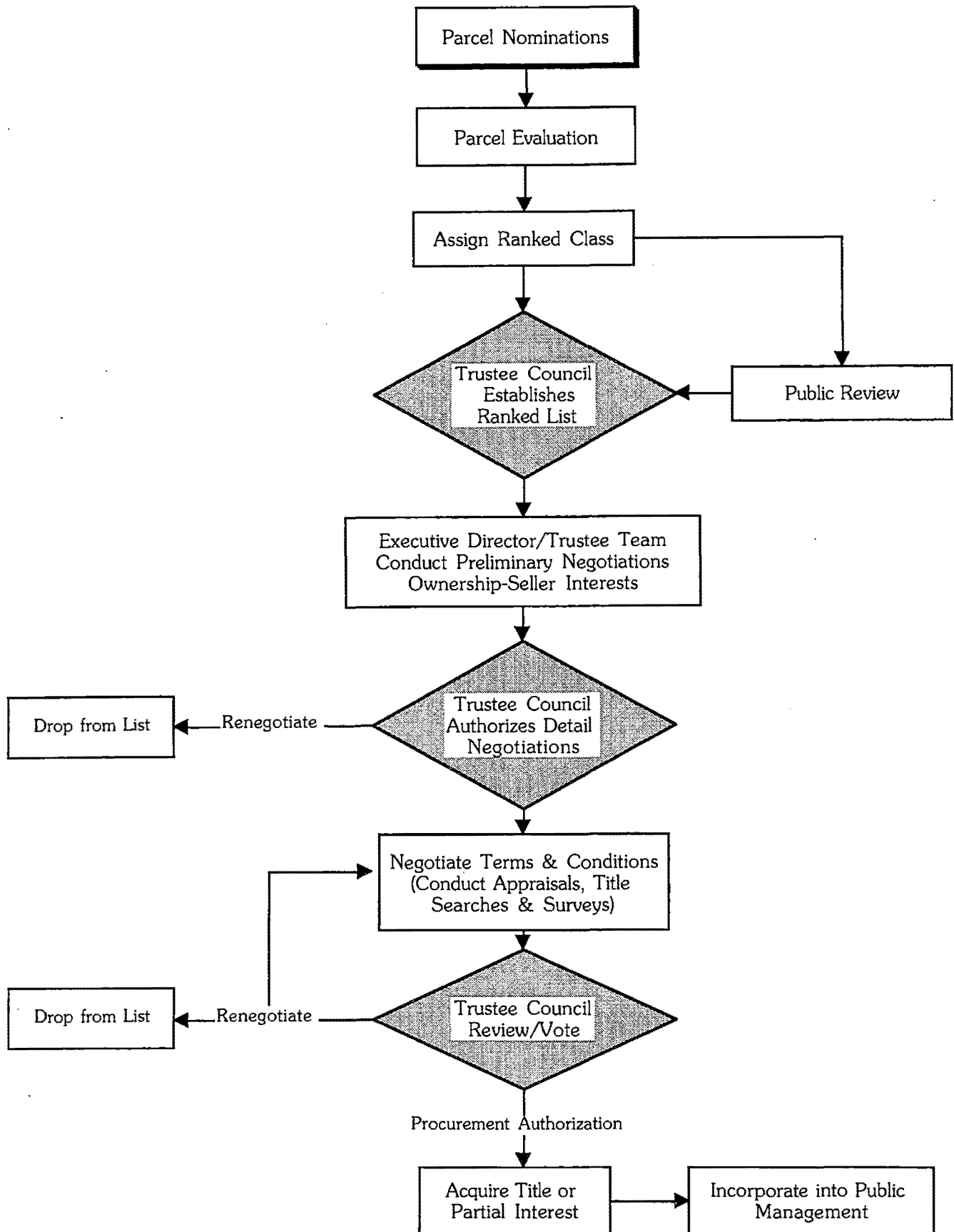
The goal of the *Small Parcel Evaluation and Ranking Process* is to identify, evaluate and rank small parcels important to restoration. Small parcels were considered for evaluation if they are linked to the restoration of one or more injured resources and/or services. In addition to linkage, the evaluation considered threats to injured resources and services and the parcel's importance to adjacent public land management. In the large parcel element, parcels were configured to create boundaries around entire ecosystem-level units such as watersheds in order to protect large areas of linked habitat. In the small parcel element, parcels are generally too small to encompass entire ecosystems so boundaries were determined by land ownership. Additional emphasis in this evaluation was placed upon a small parcel's relationship to surrounding land that contains linked habitats and the pattern of adjacent land ownership and management.

Protection of small parcels could:

- 1) Facilitate public access to public land;
- 2) Eliminate a potential threat to key habitats of injured species, such as anadromous streams or rookeries;
- 3) Improve management of injured resources/services on surrounding public lands;
- 4) Create enhancement opportunities for injured resources and/or services.

The Small Parcel Evaluation and Ranking Process is divided into nomination, evaluation, and ranking phases. Results of this process provide technical information in support of negotiations, acquisition and post-acquisition management. The process is depicted graphically in Figure 1. This procedure includes the use of *Threshold Criteria* (Table 1) and *Evaluation and Ranking Criteria* (Table 2). The threshold criteria were designed to eliminate parcels that would not contribute to restoration objectives or would otherwise be inappropriate. The evaluation and ranking criteria were used to prioritize or rank those candidate lands that are in compliance with the threshold criteria.

Figure 1: **SMALL PARCEL PROTECTION PROCESS**



Nominations

Nominations were solicited from landowners, resource agencies, and the public (A copy of the nomination packet is in the Appendix.). Each nomination, regardless of source, was initially processed and evaluated against a set of threshold criteria. These threshold criteria (Table 1) were designed to determine whether or not a nomination was acceptable for further consideration. Nominations were rejected if not in compliance with all threshold criteria. Nominations that were in compliance with all criteria and had an agency sponsor (An agency willing to take title and manage the land.) were submitted to the Trustee Council staff for further evaluation and ranking.

Table 1: Threshold Criteria

1)	There is a willing seller of the parcel or property right;
2)	The seller acknowledges that the governments can purchase the parcel or property rights only at or below fair market value;
3)	The parcel is linked to the restoration of one or more injured resources and/or services;
4)	The acquired property rights can reasonably be incorporated into land management systems of the sponsor agency;
5)	The parcel is located within the oil spill area.

Parcel Evaluation

Each sponsored parcel was evaluated by Trustee Council staff. This step included a confirmation of compliance with threshold criteria and an evaluation against a set of Evaluation/Ranking Criteria (Table 2). These criteria were designed to determine:

- The parcel's linkage to key habitats/sites of an injured resource or service;
- The potential for benefit that implementation of habitat protection would have on each linked resource and service; and,
- The benefits to management of public lands containing injured resources/services that would be derived from protection of the parcel.

Table 2: Evaluation/Ranking Criteria

Linkage

- A.** *Occurrence* - the parcel contains key habitats/sites that benefit the recovery of injured resources or services.
- B.** *Uniqueness* - key habitats/sites on the parcel are unique in relation to key habitats/sites off-parcel (within the region).
- C.** *Connectedness* - the essential habitats/sites linked to injured resources/services on parcel are connected to other elements/habitats in the greater ecosystem.
- D.** *Quality* - does the parcel have high levels of production, diversity, use levels or other measures of habitat richness.

Protection Potential

- A.** Key habitats/sites on parcel are vulnerable to or potentially threatened by disturbance or habitat loss.
- B.** Key habitats/sites on nearby lands are vulnerable to or potentially threatened by disturbance or habitat loss from development on the subject parcel.
- C.** Key habitats/sites on-parcel are protected (not vulnerable) from incompatible adjacent land uses.
- D.** Recovery of the injured resources/services would benefit from protection in addition to that provided by the owner and applicable laws and regulations.

Management

- A.** Will acquisition of the parcel allow for enhancement of injured resources/services.
- B.** The parcel has strategic value to protect or provide access to key habitats/sites that occur on or beyond the parcel's boundaries.

A list of injured resources and services that are linked to upland and nearshore habitats was developed from the Draft Restoration Plan, Summary of Injury and the recommendations of the chief scientist. These are listed in Table 3, Linked Resources and Services.

Table 3: Linked Resources and Services

Resources		Services
Sockeye Salmon	Harbor Seal	Recreation
Pink Salmon	Harlequin Duck	Wilderness
Dolly Varden	Intertidal/Subtidal	Subsistence
Cutthroat Trout	Marbled Murrelet	
Pacific Herring	Pigeon Guillemot	
Bald Eagle	River Otter	
Black Oystercatcher	Sea Otter	
Common Murre	Cultural Resources	

Linkage to a small parcel means that the parcel contains habitat for a resource or service that is especially important during key life stages. Key habitats include: spawning areas, over wintering areas, concentrated nesting areas, haul-outs, seabird colonies (rookeries), dense seagrass beds, mussel beds, etc. Areas of more general use, such as feeding habitat, migration corridors, dispersed or infrequent human use were not considered key in this evaluation.

Services were considered linked to a small parcel if the parcel has high use levels or strategic value to services. For example, a small parcel may provide the only public access to an adjacent area of public land or the parcel contains the only or best camping, subsistence harvest or sport fishing site in the area. Scenic view sheds and other more general service values were not considered key in this evaluation.

Information submitted as part of a nomination was reviewed as part of the evaluation. Additional data were solicited from resource agency staff on specific parcels. Information used in the evaluation process included resource agency data on anadromous fish streams, marine mammal haul-out areas, bald eagle nest locations, seabird colony locations, subsistence harvest areas and cultural resource site locations and significance. EVOS natural resources damage assessment studies and agency planning studies were also reviewed.

In determining the potential benefits to injured resources and services a parcel will provide, the process considered the susceptibility of injured resources/services to adverse impacts from human activities. Potential threats to resources and their habitats include both disturbance and habitat degradation or loss. Criteria evaluated the potential threats of development on the parcel to the habitats of injured resources/services both on parcel and on adjacent lands.

Parcel Scoring

Parcels were evaluated independently of each other by a single evaluation team. Each parcel was evaluated against each of the ten criteria and scored with a Yes/No response. The bar graph in Figure 2 depicts the relationship of the 133 parcels that are in compliance with all threshold criteria, relative to their respective scores. For scoring purposes, these criteria were divided into three categories. The linkage criteria examine the connection between injured resources/services and protection of upland or nearshore habitats. The protection potential criteria evaluate possible threats to injured resources/services and the potential benefit that additional protection will provide, over and above that which exists in current laws and regulations. The potential benefit to management of public lands containing injured resources/services that would be derived from protection of each parcel was also determined.

The parcel score was computed by summing the number of Yes responses to all of the evaluation criteria within each of the three general categories (linkage, protection potential, and management), and multiplying the total of each category by the total of the other two categories. If all responses to criteria within a category are No, then the resulting category score is 1¹.

The small parcel score was expressed as:

$$\text{Score} = \text{Sum of Linkage(L)} \times \text{Protection Potential(P)} \times \text{Management(M)}$$

$$\text{Score} = (1 + L) (1 + P) (1 + M)$$

As an example, when this formula is applied to parcel ABC01, the analysis yields 5 Yes (Y) responses. This number is then multiplied by the total of each general category. In the following example, the parcel score is:

$$\text{Example: ABC 01 Score} = (1 + 3) (1 + 1) (1 + 1) = 16$$

PARCEL NUMBER	EVALUATION AND RANKING CRITERIA										PARCEL SCORE
	LINKAGE				PROTECTION POTENTIAL				MANAGEMENT		
ABC 01	A	B	C	D	A	B	C	D	A	B	16
	Y	N	Y	Y	N	N	N	Y	N	Y	

¹ The constant 1 is added to each category in order to prevent a multiplier of 0 from occurring.

Ranking

Nominations were received for 262 parcels. Those 133 (51%) that were in compliance with all threshold criteria were further evaluated, scored and ranked. Each of the scored parcels was assigned a ranking of high, moderate, or low, based on staff review of the evaluation results. The ranking assignment represents the degree to which acquisition of full title benefits the linked resources and services believed to occur on the specific parcel. The evaluation team created the ranked classes from analysis of the observed breaks in the distribution of parcel scores. The bar graphs in Figures 2 and 3 depict the relationship of the 133 parcels relative to their respective scores. Table 6 contains the rankings for the entire spill affected area. Table 4 summarizes the ranking for these 133 parcels. Table 5 depicts the regional distribution of the ranked parcels.

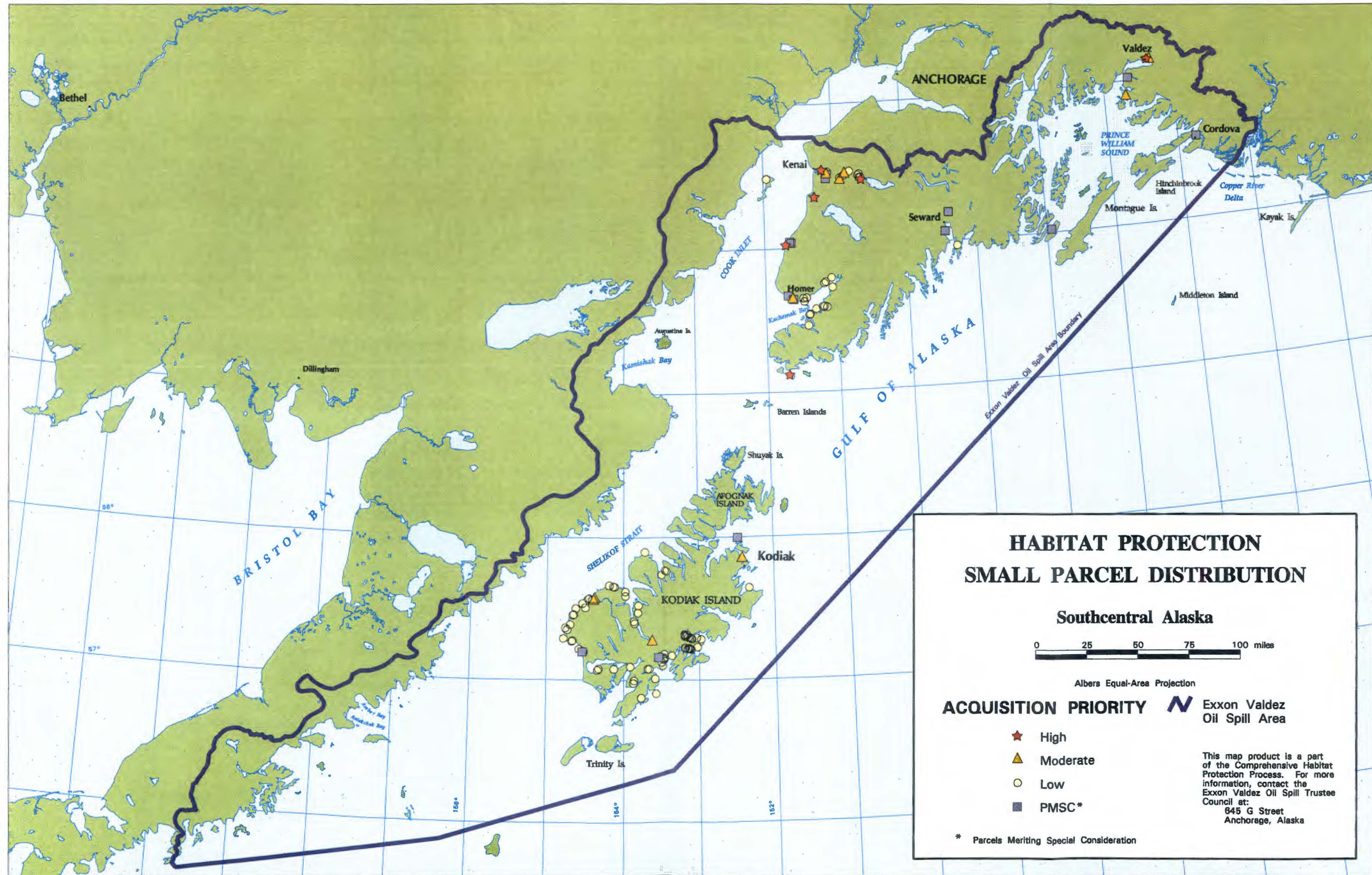
Table 4: Ranking Analysis Table

Rank	Number	Percentage
Low	112	84%
Moderate	15	11%
High	6	5%

Table 5: Regional Ranking Analysis

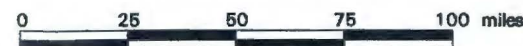
Rank	Prince William Sound		Kenai Peninsula		Kodiak Archipelago	
	# of Parcels	% of Total	# of Parcels	% of Total	# of Parcels	% of Total
Low	3	2%	40	30%	74	56%
Moderate	2	2%	4	3%	4	3%
High	1	<1%	5	4%	0	0%

**SMALL PARCEL
EVALUATION & RANKING SUMMARY**



HABITAT PROTECTION SMALL PARCEL DISTRIBUTION

Southcentral Alaska



Albers Equal-Area Projection

ACQUISITION PRIORITY  Exxon Valdez Oil Spill Area

- ★ High
- ▲ Moderate
- Low
- PMSC*

This map product is a part of the Comprehensive Habitat Protection Process. For more information, contact the Exxon Valdez Oil Spill Trustee Council at:
645 G Street
Anchorage, Alaska

* Parcels Meriting Special Consideration

Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 19	Linda McLane	53	ADNR/ ADF&G	High	Kasilof River
PWS 5	University of Alaska	30	USFS	High	Valdez
KEN 34	Chester Cone	100	ADF&G/ ADNR	High	Kenai River
KEN 1004	Kenai Natives Association Inc.	803	USFWS	High	Stephanka Tract
KEN 149	Perl Island Ranch Partners	157	ADNR	High	Perl Island
KEN 1001	Ninilchik Native Association	91	ADNR	High	Deep Creek
KAP 226	Ayakulik Associates c/o Reed Stoops	22	ADF&G/ ADNR	Moderate	Karluk Lagoon
KEN 54	Salamatof Native Assn. Inc.	1260	USFWS/ ADF&G	Moderate	Kenai River
KEN 148	Kenai River Ranch Partnership	146	ADNR/ ADF&G	Moderate	Kenai River
PWS 17	Ellamar Properties, Inc.	172	ADNR	Moderate	Ellamar
KAP 130	Harry P. Dodge	318	USFWS	Moderate	Uyak Bay
KAP 150	Karluk Village IRA Council/Kathryn Reft	5	ADF&G	Moderate	Karluk Weir Site
KEN 10	Elizabeth Kobylarz	20	ADF&G/ ADNR	Moderate	Kenai River
KAP 145	Leisnoi, Inc.	1028	ADNR	Moderate	Termination Point
KEN 55	Sandra Cronland, Joyanna Geisler, David LLOYD, Michael McNiven, Sharon Whytal	97	ADNR	Moderate	Homer
PWS 52	Philip L. Hayward	10	ADF&G	Moderate	Valdez
KAP 162	Mike Cusack	5	ADF&G	Low	Karluk Lagoon
KAP 220	Ayakulik Associates c/o Reed Stoops	56	ADF&G	Low	Ayakulik River
KEN 1005	Ninilchik Native Association Inc.	16	ADNR	Low	Ninilchik River

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
Supplement: July 15, 1995

Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 1006	Irene H. Girves	110	ADFG/ ADNR	Low	Kenai River
KEN 1009	David F & Wanda R Cooper	20	ADF&G	Low	Ninilchik River
KEN 1014	Dean Anderson	64	USFS / ADNR	Low	Grouse Lake
KEN 1015	James E. McCracken	19	ADNR	Low	Lowell Point
PWS 1010	University of Alaska	942	USFS/ ADNR	Low	Jack Bay
PWS 1027	Sealaska Corporation	15	ADNR	Low	Fleming Spit
KEN 12	Baycrest Investment Corp.	90	ADNR	Low	Homer
KEN 18	M. Walter Johnson	9	ADNR	Low	Neptune Bay
KAP 124	Roger Benney	5	USFWS	Low	Uganik Bay
KAP 105	Annie Pestrikoff	48	USFWS	Low	Three Saints Bay
KAP 115	James L. Johnson	65	USFWS	Low	Uyak Bay
KAP 116	Jeff Steele	10	USFWS	Low	Sulua Bay
KAP 119	Akhiok-Kaguyak, Inc.	1020	USFWS	Low	Two Headed Island & Flat Island
KAP 120	Leisnoi, Incorporated	48	USFWS	Low	Chiniak Bay
KAP 140	Richard A. Rohrer	4	USFWS	Low	Uganik Bay
KAP 223	Ayakulik Associates c/o Reed Stoops	11	USFWS	Low	Ayakulik Island
KEN 7	University of Alaska	594	ADF&G	Low	Kalgin Island
KEN 29	Charles E. and Helen L. Tulin	93	ADNR	Low	Diamond Creek
KEN 39	Paul F. Sandhofer	5	ADF&G	Low	Homer
KEN 265	Kachemak Fifty	50	ADF&G	Low	Homer

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
Supplement: July 15, 1995

Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 1002	Kenai Natives Association Inc.	753	USFWS	Low	Moose River
KEN 1003	Kenai Natives Association Inc.	1243	USFWS	Low	Moose River
PWS 11	Lucy W. Groh	315	ADNR	Low	Horseshoe Bay
KAP 22	Ouzinkie Native Corp.	70	USFWS	Low	Triplet Islands
KAP 96	Jenny Erikson	120	USFWS	Low	Sitkalidak Strait
KAP 98	Edward Pestikoff, Sr. (deceased)	80	USFWS	Low	Shelikof Strait
KAP 99	Lucy Shugak	160	USFWS	Low	Kiliuda Bay
KAP 100	George Inga	150	USFWS	Low	Kiliuda Bay
KAP 101	Mary Haakanson	80	USFWS	Low	Sitkalidak Strait
KAP 102	Mary Haakanson	80	USFWS	Low	Sitkalidak Strait
KAP 103	Paul Kahutak	40	USFWS	Low	Sitkalidak Strait
KAP 104	Annie Pestrikoff	90	USFWS	Low	Kiliuda Bay
KAP 107	Heirs of Kristeen J. Burke	135	USFWS	Low	Shelikof Strait
KAP 108	Alberta Aga	160	USFWS	Low	Uyak Bay
KAP 109	Atom Fairweather/Rebecca Strickland	8	USFWS	Low	Sulua Bay
KAP 110	Thomas Devine (estate)	160	USFWS	Low	Kaiugnak Bay
KAP 114	James J. Johnson	40	USFWS	Low	Uyak Bay
KAP 118	Michael Cusack	160	USFWS	Low	Sturgeon Lagoon
KAP 123	Heirs of Marie Devine	160	USFWS	Low	Kaiugnak Bay
KAP 125	Mary Reft	160	USFWS	Low	Shelikof Strait

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

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Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 126	Carl Christiansen	40	USFWS	Low	Three Saints Bay
KAP 131	Arthur Matfay	40	USFWS	Low	Kiliuda Bay
KAP 132	Victor Peterson	160	USFWS	Low	Sitkalidak Strait
KAP 133	Alex Inga (deceased)	160	USFWS	Low	Kiliuda Bay
KAP 134	Sophia Ignatin	80	USFWS	Low	Three Saints Bay
KAP 135	Irene Capjohn (deceased)	70	USFWS	Low	Kiliuda Bay
KAP 136	Paul Alexanderoff	80	USFWS	Low	Kiliuda Bay
KAP 137	Peter Alexanderoff (deceased)	120	USFWS	Low	Kiliuda Bay
KAP 138	Florence Christiansen Pestrikoff	160	USFWS	Low	Kiliuda Bay
KAP 142	Raymond Kelly, Sr. (deceased)	40	USFWS	Low	Three Saints Bay
KAP 143	Raymond Kelly, Sr. (deceased)	120	USFWS	Low	Kiliuda Bay
KAP 144	Irene Shugak (deceased)	142	USFWS	Low	Three Saints Bay
KAP 244	Ayakulik Associates c/o Reed Stoops	11	USFWS	Low	Halibut Cove
KAP 262	Olga Panamaroff	160	USFWS	Low	Halibut Bay
KAP 263	Polly Inga	60	USFWS	Low	Kiavak Bay
KEN 23	Wellenstein Family Trust	2	ADF&G	Low	Kenai River
KEN 24	Wellenstein Family Trust	5	ADF&G	Low	Kenai River
KEN 28	John R. and Dianna Rall	2	ADF&G	Low	Kenai River
KEN 30	Tom and Lois Mushovic	5	ADNR	Low	Bear Cove
KEN 33	I.V. and Mary A. Graham	6	ADNR	Low	Kenai River

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
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Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 37	J. Gerald Hepler	3	ADNR	Low	Halibut Lagoon
KEN 47	Tall Timbers Investment Group	25	ADF&G	Low	Kenai River
KEN 51	Lancashire, Lawrence H.	34	ADF&G	Low	Kenai River
KEN 57	Calvin M. and Martha Jane Fair	46	ADF&G	Low	Kenai River
KEN 59	John E. Lee	10	ADF&G	Low	Killey River
KEN 65	William R. Reeves	1	ADF&G	Low	Kenai River
KEN 70	Amy Bollenbach	5	ADNR	Low	Halibut Cove
KEN 71	Mairiis Kilcher	67	ADNR	Low	Fox River
KEN 155	Mike Patterson	2	ADF&G	Low	Kenai River
KEN 267	Robert & LaVonne Motznik*	11	ADNR	Low	Humpy Cove
KEN 1017	KPM Family Limited Partnership, et al	55	ADF&G	Low	Kenai River
KEN 1022	Clyde Saltz	2	ADF&G	Low	Kenai River
KEN 1023	Ken Battley Trustee	840	ADF&G	Low	Stariski Creek
KEN 1026	Aurora Investors	3	ADF&G	Low	Kenai River
KAP 151	Wards Cove Packing Company, Inc./ Alec Brindle	5	ADF&G	Low	Ayakulik Weir Site
KAP 234	Ayakulik Associates c/o Reed Stoops	20	ADF&G	Low	Karluk Beach
KAP 242	Ayakulik Associates c/o Reed Stoops	14	USFWS	Low	Sturgeon Lagoon
KEN 210	S.G. Runner	5	ADNR	Low	Tutka Bay
KEN 261	Robert and Marilyn Breakfield	7	ADF&G	Low	Homer
KAP 91	Andrew Adonga	137	USFWS	Low	Sitkalidak Strait

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis

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Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 93	Andrew Adonga	90	USFWS	Low	Sitkalidak Strait
KAP 95	Polly Tunohun	80	USFWS	Low	Sitkalidak Strait
KAP 97	Michael Cusack	4	USFWS	Low	Shelikof Strait
KAP 106	Marie Brunton	160	USFWS	Low	Brown's Lagoon
KAP 111	Stanley and Becky Carlson	5	USFWS	Low	Olga Bay
KAP 112	Winn F. Brindle	4	USFWS	Low	Olga Bay
KAP 113	Bill M. Poland	5	USFWS	Low	Uyak Bay
KAP 117	Fred Coyle	11	USFWS	Low	Horse Marine Bay
KAP 127	Marra Andrewvich	90	USFWS	Low	Sitkalidak Strait
KAP 128	Martha R. Rozelle	160	USFWS	Low	Kaguyak Bay
KAP 139	Rohrer Bear Camp, Inc.	5	USFWS	Low	Uganik Bay
KAP 221	Ayakulik Associates c/o Reed Stoops	15	USFWS	Low	Ayakulik Beach
KAP 235	Ayakulik Associates c/o Reed Stoops	79	ADF&G	Low	Karluk Beach
KAP 236	Ayakulik Associates c/o Reed Stoops	17	USFWS	Low	Uganik Bay
KAP 238	Ayakulik Associates c/o Reed Stoops	32	USFWS	Low	Shelikof Strait
KAP 239	Ayakulik Associates c/o Reed Stoops	16	USFWS	Low	Shelikof Strait
KAP 240	Ayakulik Associates c/o Reed Stoops	16	USFWS	Low	Shelikof Strait
KAP 241	Ayakulik Associates c/o Reed Stoops	23	USFWS	Low	Uyak Bay
KAP 243	Ayakulik Associates c/o Reed Stoops	12	USFWS	Low	Shelikof Strait
KAP 245	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Gurney Bay

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

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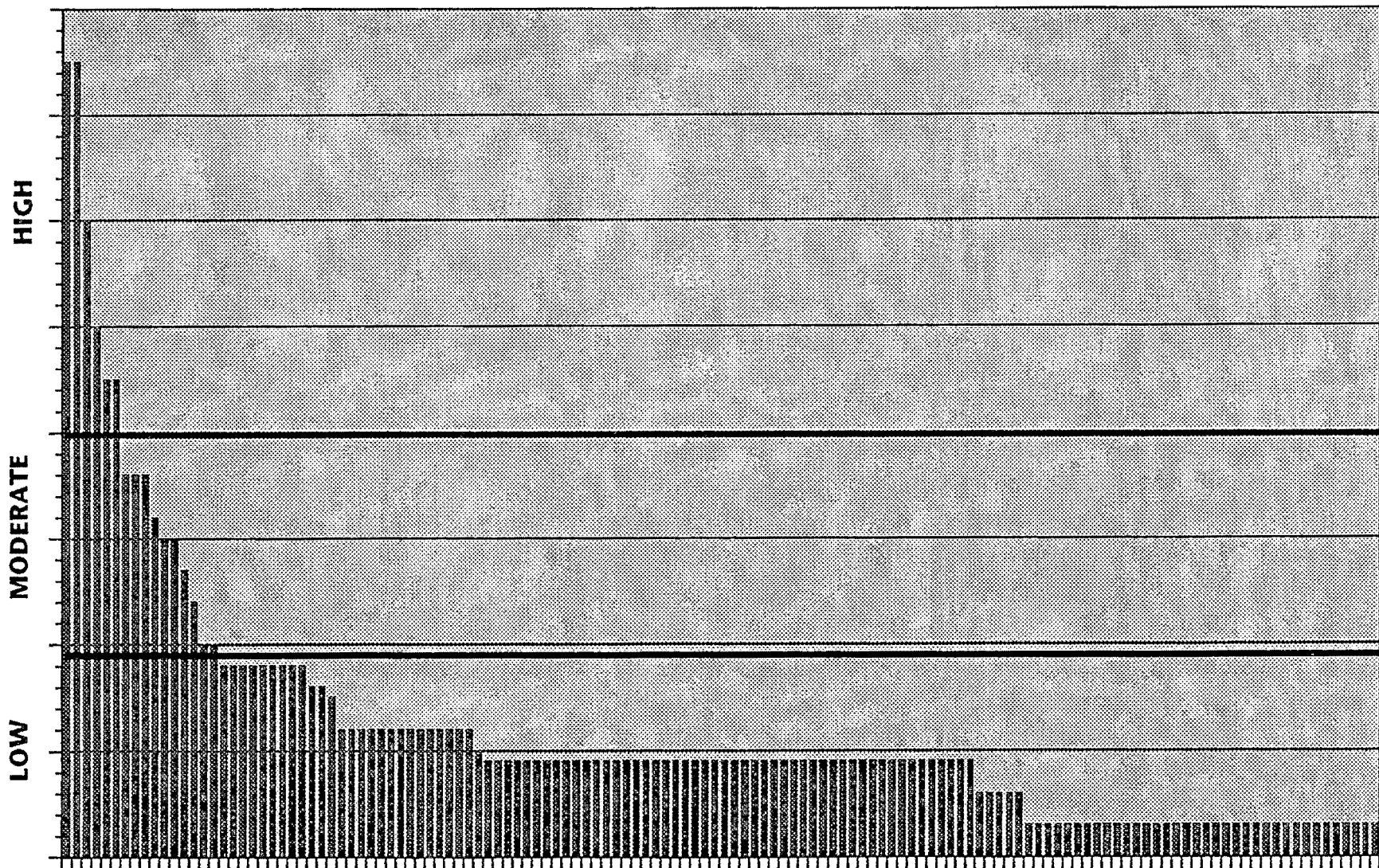
Table 6: SMALL PARCEL EVALUATION and RANKING

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 246	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Bumble Bay
KAP 247	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Halibut Bay
KAP 252	Ayakulik Associates c/o Reed Stoops	10	USFWS	Low	Deadman Bay
KAP 264	Senafont Shugak, Sr. (deceased)	160	USFWS	Low	Kiliuda Bay
KAP 270	Evon Nekeffer (deceased)	80	USFWS	Low	Three Saints Bay
KAP 271	Axenia Peninjohn (deceased)	160	USFWS	Low	Three Saints Bay
KAP 272	Evon Nekeffer (deceased)	80	USFWS	Low	Three Saints Bay
KAP 1008	Tanya K. Inga	160	USFWS	Low	Three Saints Bay
KEN 20	Marjorie Dittrich	26	ADNR	Low	China Poot Bay
KEN 42	Tom E. Main	1	ADNR	Low	Mermaid Island
KEN 56	Jack & Sue Vanden Berg	195	ADNR	Low	Homer
KEN 146	James Donald Hopkins	80	ADNR	Low	Kachemak Bay
KEN 168	Lee M. Ricketts Charitable Remainder Unitrust	5	ADNR	Low	Halibut Cove
KEN 178	Reginald T. Hendricks	5	ADNR	Low	Neptune Bay

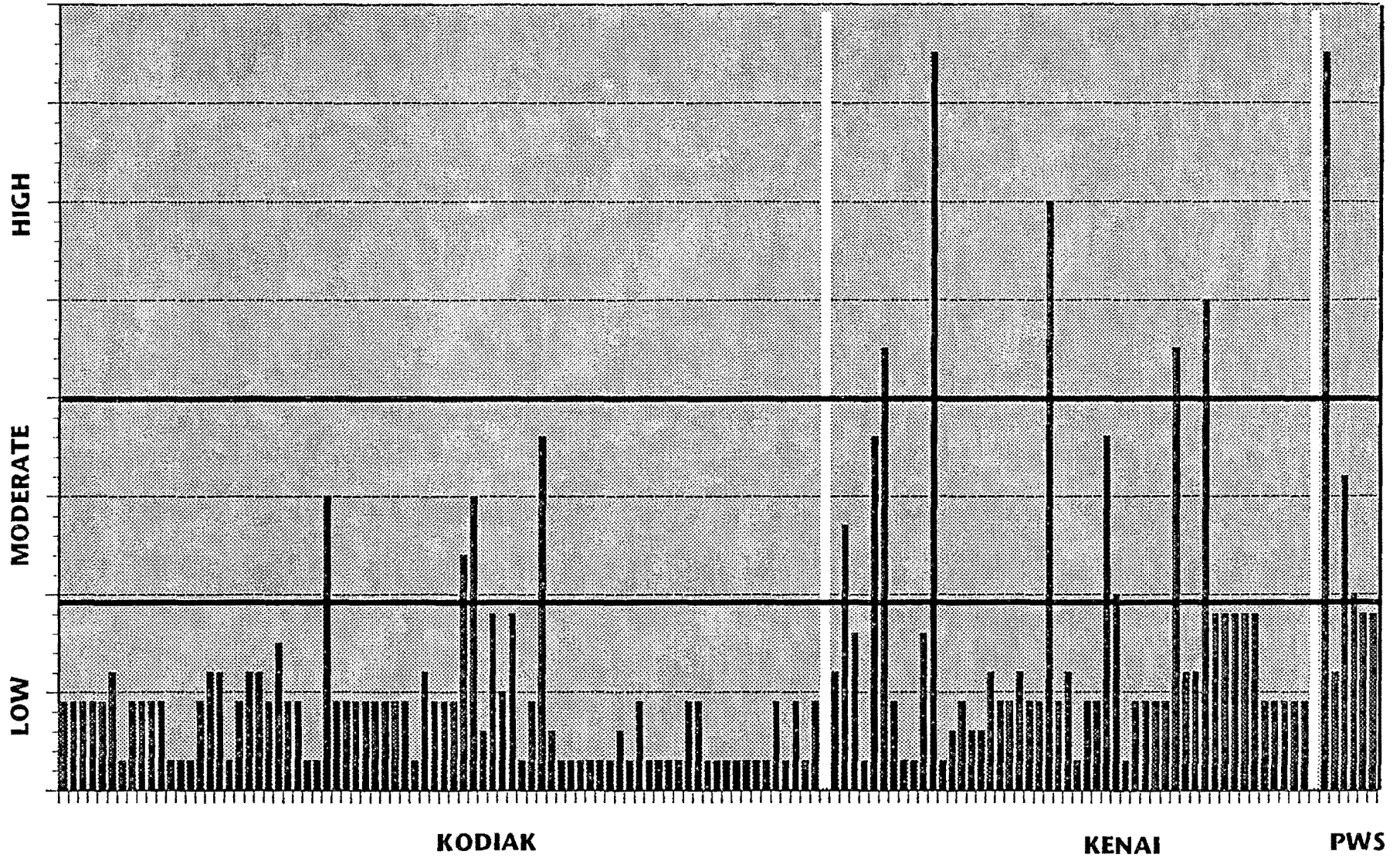
Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

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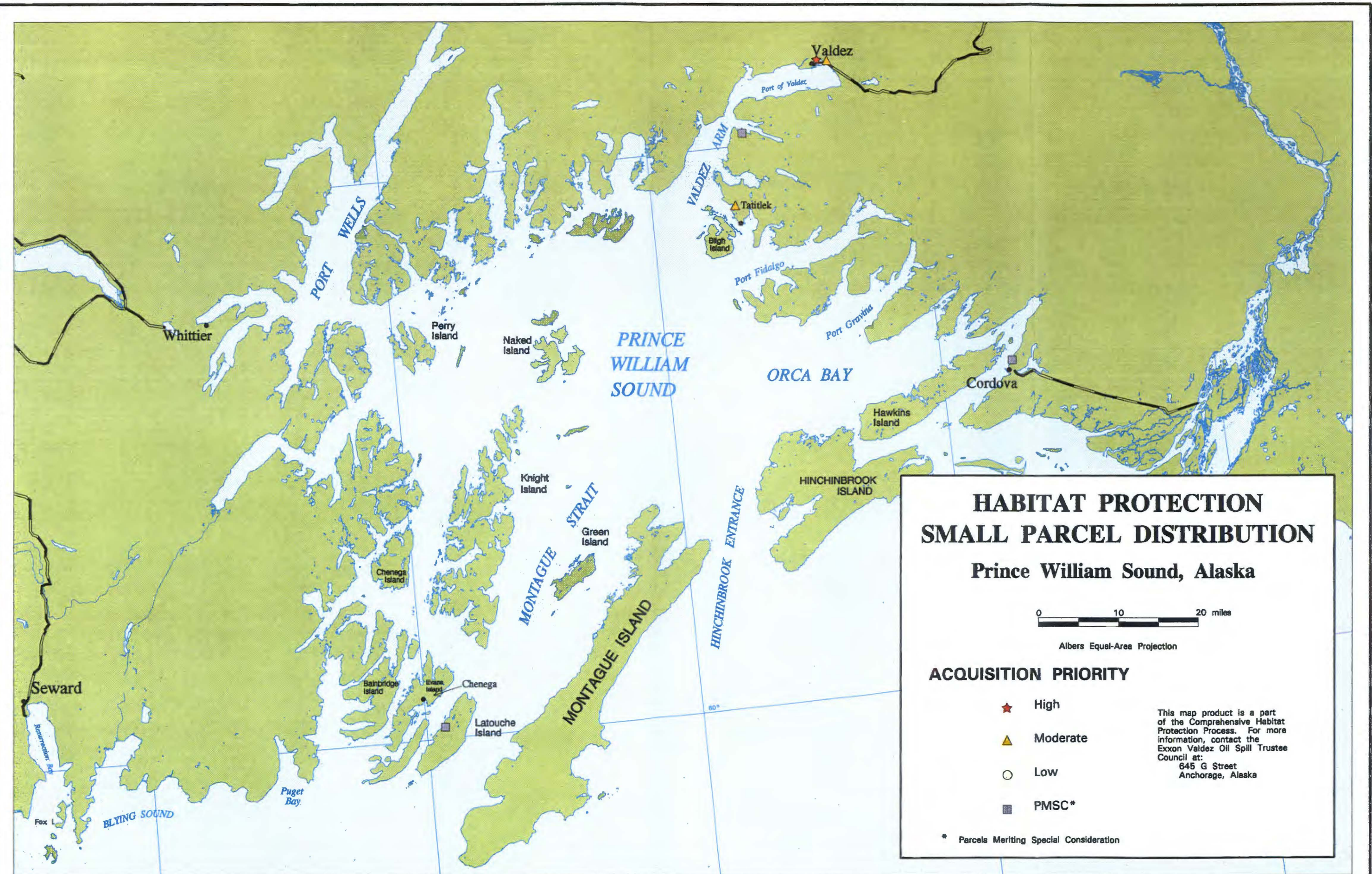
SMALL PARCEL EVALUATION & RANKING **Parcel Ranking Distribution by Rank**



SMALL PARCEL EVALUATION & RANKING **Parcel Ranking Distribution by Region**



**SMALL PARCEL
EVALUATION & RANKING BY REGION**

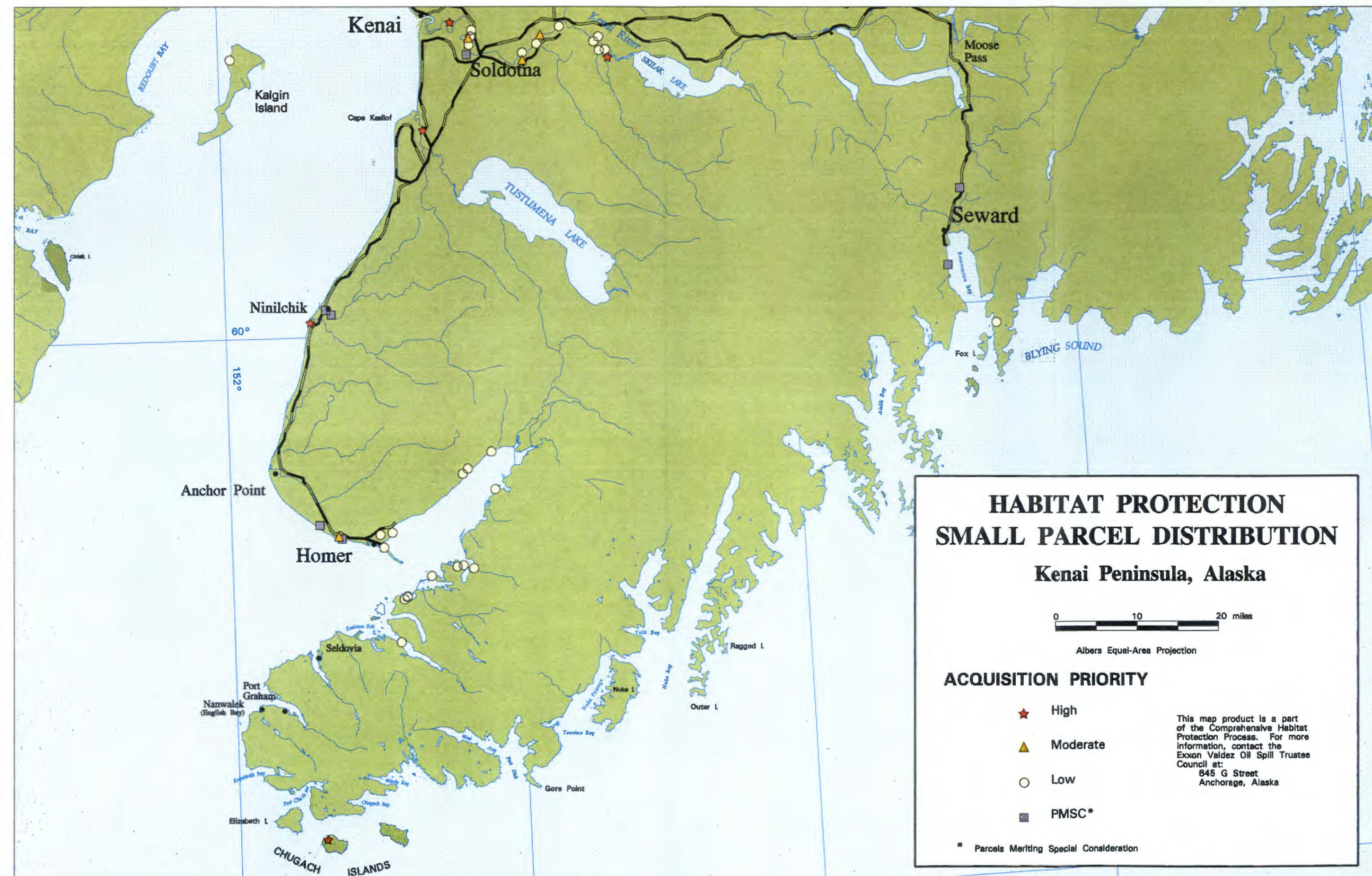


SMALL PARCEL EVALUATION and RANKING PRINCE WILLIAM SOUND

Parcel	Landowner	Acreage	Agency	Rank	Location
PWS 5	University of Alaska	30	USFS	High	Valdez
PWS 17	Ellamar Properties, Inc.	172	ADNR	Moderate	Ellamar
PWS 52	Philip L. Hayward	10	ADF&G	Moderate	Valdez
PWS 1010	University of Alaska	942	USFS/ ADNR	Low	Jack Bay
PWS 1027	Sealaska Corporation	15	ADNR	Low	Fleming Spit
PWS 11	Lucy W. Groh	315	ADNR	Low	Horseshoe Bay

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

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SMALL PARCEL EVALUATION and RANKING KENAI REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 19	Linda McLane	53	ADNR/ ADF&G	High	Kasilof River
KEN 34	Chester Cone	100	ADF&G/ ADNR	High	Kenai River
KEN 1004	Kenai Natives Association Inc.	803	USFWS	High	Stephanka Tract
KEN 149	Perl Island Ranch Partners	157	ADNR	High	Perl Island
KEN 1001	Ninilchik Native Association	91	ADNR	High	Deep Creek
KEN 54	Salamatof Native Assn. Inc.	1260	USFWS/ ADF&G	Moderate	Kenai River
KEN 148	Kenai River Ranch Partnership	146	ADNR/ ADF&G	Moderate	Kenai River
KEN 10	Elizabeth Kobylarz	20	ADF&G/ ADNR	Moderate	Kenai River
KEN 55	Sandra Cronland, Joyanna Geisler, David LLoyd, Michael McNiven, Sharon Whytal	97	ADNR	Moderate	Homer
KEN 1005	Ninilchik Native Association Inc.	16	ADNR	Low	Ninilchik River
KEN 1006	Irene H. Girves	110	ADFG/ ADNR	Low	Kenai River
KEN 1009	David F & Wanda R Cooper	20	ADF&G	Low	Ninilchik River
KEN 1014	Dean Anderson	64	USFS / ADNR	Low	Grouse Lake
KEN 1015	James E. McCracken	19	ADNR	Low	Lowell Point
KEN 12	Baycrest Investment Corp.	90	ADNR	Low	Homer
KEN 18	M. Walter Johnson	9	ADNR	Low	Neptune Bay
KEN 7	University of Alaska	594	ADF&G	Low	Kalgin Island
KEN 29	Charles E. and Helen L. Tulin	93	ADNR	Low	Diamond Creek
KEN 39	Paul F. Sandhofer	5	ADF&G	Low	Homer
KEN 265	Kachemak Fifty	50	ADF&G	Low	Homer
KEN 1002	Kenai Natives Association Inc.	753	USFWS	Low	Moose River

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

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SMALL PARCEL EVALUATION and RANKING KENAI REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 1003	Kenai Natives Association Inc.	1243	USFWS	Low	Moose River
KEN 23	Wellenstein Family Trust	2	ADF&G	Low	Kenai River
KEN 24	Wellenstein Family Trust	5	ADF&G	Low	Kenai River
KEN 28	John R. and Dianna Rall	2	ADF&G	Low	Kenai River
KEN 30	Tom and Lois Mushovic	5	ADNR	Low	Bear Cove
KEN 33	I.V. and Mary A. Graham	6	ADNR	Low	Kenai River
KEN 37	J. Gerald Hepler	3	ADNR	Low	Halibut Lagoon
KEN 47	Tall Timbers Investment Group	25	ADF&G	Low	Kenai River
KEN 51	Lancashire, Lawrence H.	34	ADF&G	Low	Kenai River
KEN 57	Calvin M. and Martha Jane Fair	46	ADF&G	Low	Kenai River
KEN 59	John E. Lee	10	ADF&G	Low	Killey River
KEN 65	William R. Reeves	1	ADF&G	Low	Kenai River
KEN 70	Amy Bollenbach	5	ADNR	Low	Halibut Cove
KEN 71	Mairiis Kilcher	67	ADNR	Low	Fox River
KEN 155	Mike Patterson	2	ADF&G	Low	Kenai River
KEN 267	Robert & LaVonne Motznik*	11	ADNR	Low	Humpy Cove
KEN 1017	KPM Family Limited Partnership, et al	55	ADF&G	Low	Kenai River
KEN 1022	Clyde Saltz	2	ADF&G	Low	Kenai River
KEN 1023	Ken Battley Trustee	840	ADF&G	Low	Stariski Creek
KEN 1026	Aurora Investors	3	ADF&G	Low	Kenai River
KEN 210	S.G. Runner	5	ADNR	Low	Tutka Bay
KEN 261	Robert and Marilyn Breakfield	7	ADF&G	Low	Homer

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

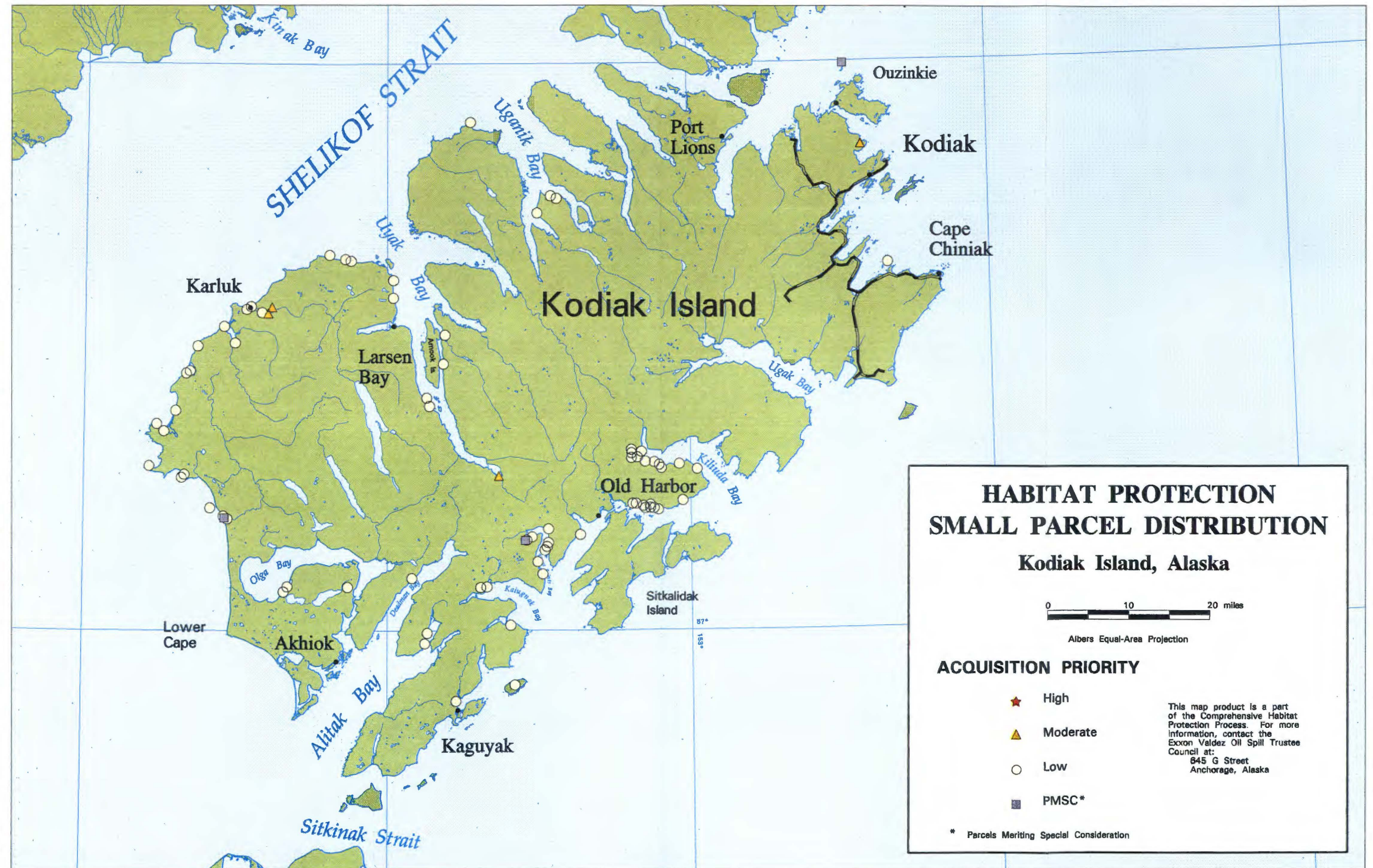
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SMALL PARCEL EVALUATION and RANKING KENAI REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KEN 261	Robert and Marilyn Breakfield	7	ADF&G	Low	Homer
KEN 20	Marjorie Dittrich	26	ADNR	Low	China Poot Bay
KEN 42	Tom E. Main	1	ADNR	Low	Mermaid Island
KEN 56	Jack & Sue Vanden Berg	195	ADNR	Low	Homer
KEN 146	James Donald Hopkins	80	ADNR	Low	Kachemak Bay
KEN 168	Lee M. Ricketts Charitable Remainder Unitrust	5	ADNR	Low	Halibut Cove
KEN 178	Reginald T. Hendricks	5	ADNR	Low	Neptune Bay

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
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SMALL PARCEL EVALUATION and RANKING KODIAK REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 226	Ayakulik Associates c/o Reed Stoops	22	ADF&G/ ADNR	Moderate	Karluk Lagoon
KAP 130	Harry P. Dodge	318	USFWS	Moderate	Uyak Bay
KAP 150	Karluk Village IRA Council/Kathryn Reft	5	ADF&G	Moderate	Karluk Weir Site
KAP 145	Leisnoi, Inc.	1028	ADNR	Moderate	Termination Point
KAP 162	Mike Cusack	5	ADF&G	Low	Karluk Lagoon
KAP 220	Ayakulik Associates c/o Reed Stoops	56	ADF&G	Low	Ayakulik River
KAP 124	Roger Benney	5	USFWS	Low	Uganik Bay
KAP 105	Annie Pestrikoff	48	USFWS	Low	Three Saints Bay
KAP 115	James L. Johnson	65	USFWS	Low	Uyak Bay
KAP 116	Jeff Steele	10	USFWS	Low	Sulua Bay
KAP 119	Akhiok-Kaguyak, Inc.	1020	USFWS	Low	Two Headed Island & Flat Island
KAP 120	Leisnoi, Incorporated	48	USFWS	Low	Chiniak Bay
KAP 140	Richard A. Rohrer	4	USFWS	Low	Uganik Bay
KAP 223	Ayakulik Associates c/o Reed Stoops	11	USFWS	Low	Ayakulik Island
KAP 22	Ouzinkie Native Corp.	70	USFWS	Low	Triplet Islands
KAP 96	Jenny Erikson	120	USFWS	Low	Sitkalidak Strait
KAP 98	Edward Pestikoff, Sr. (deceased)	80	USFWS	Low	Shelikof Strait
KAP 99	Lucy Shugak	160	USFWS	Low	Kiliuda Bay
KAP 100	George Inga	150	USFWS	Low	Kiliuda Bay
KAP 101	Mary Haakanson	80	USFWS	Low	Sitkalidak Strait
KAP 102	Mary Haakanson	80	USFWS	Low	Sitkalidak Strait
KAP 103	Paul Kahutak	40	USFWS	Low	Sitkalidak Strait

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
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SMALL PARCEL EVALUATION and RANKING KODIAK REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 104	Annie Pestrikoff	90	USFWS	Low	Kiliuda Bay
KAP 107	Heirs of Kristeen J. Burke	135	USFWS	Low	Shelikof Strait
KAP 108	Alberta Aga	160	USFWS	Low	Uyak Bay
KAP 109	Atom Fairweather/Rebecca Strickland	8	USFWS	Low	Sulua Bay
KAP 110	Thomas Devine (estate)	160	USFWS	Low	Kaiugnak Bay
KAP 114	James J. Johnson	40	USFWS	Low	Uyak Bay
KAP 118	Michael Cusack	160	USFWS	Low	Sturgeon Lagoon
KAP 123	Heirs of Marie Devine	160	USFWS	Low	Kaiugnak Bay
KAP 125	Mary Reft	160	USFWS	Low	Shelikof Strait
KAP 126	Carl Christiansen	40	USFWS	Low	Three Saints Bay
KAP 131	Arthur Matfay	40	USFWS	Low	Kiliuda Bay
KAP 132	Victor Peterson	160	USFWS	Low	Sitkalidak Strait
KAP 133	Alex Inga (deceased)	160	USFWS	Low	Kiliuda Bay
KAP 134	Sophia Ignatin	80	USFWS	Low	Three Saints Bay
KAP 135	Irene Capjohn (deceased)	70	USFWS	Low	Kiliuda Bay
KAP 136	Paul Alexanderoff	80	USFWS	Low	Kiliuda Bay
KAP 137	Peter Alexanderoff (deceased)	120	USFWS	Low	Kiliuda Bay
KAP 138	Florence Christiansen Pestrikoff	160	USFWS	Low	Kiliuda Bay
KAP 142	Raymond Kelly, Sr. (deceased)	40	USFWS	Low	Three Saints Bay
KAP 143	Raymond Kelly, Sr. (deceased)	120	USFWS	Low	Kiliuda Bay
KAP 144	Irene Shugak (deceased)	142	USFWS	Low	Three Saints Bay
KAP 244	Ayakulik Associates c/o Reed Stoops	11	USFWS	Low	Halibut Cove

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis
Supplement: July 15, 1995

SMALL PARCEL EVALUATION and RANKING KODIAK REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 262	Olga Panamaroff	160	USFWS	Low	Halibut Bay
KAP 263	Polly Inga	60	USFWS	Low	Kiavak Bay
KAP 151	Wards Cove Packing Company, Inc./ Alec Brindle	5	ADF&G	Low	Ayakulik Weir Site
KAP 234	Ayakulik Associates c/o Reed Stoops	20	ADF&G	Low	Karluk Beach
KAP 242	Ayakulik Associates c/o Reed Stoops	14	USFWS	Low	Sturgeon Lagoon
KAP 91	Andrew Adonga	137	USFWS	Low	Sitkalidak Strait
KAP 93	Andrew Adonga	90	USFWS	Low	Sitkalidak Strait
KAP 95	Polly Tunohun	80	USFWS	Low	Sitkalidak Strait
KAP 97	Michael Cusack	4	USFWS	Low	Shelikof Strait
KAP 106	Marie Brunton	160	USFWS	Low	Brown's Lagoon
KAP 111	Stanley and Becky Carlson	5	USFWS	Low	Olga Bay
KAP 112	Winn F. Brindle	4	USFWS	Low	Olga Bay
KAP 113	Bill M. Poland	5	USFWS	Low	Uyak Bay
KAP 117	Fred Coyle	11	USFWS	Low	Horse Marine Bay
KAP 127	Marra Andrewvich	90	USFWS	Low	Sitkalidak Strait
KAP 128	Martha R. Rozelle	160	USFWS	Low	Kaguyak Bay
KAP 139	Rohrer Bear Camp, Inc.	5	USFWS	Low	Uganik Bay
KAP 221	Ayakulik Associates c/o Reed Stoops	15	USFWS	Low	Ayakulik Beach
KAP 235	Ayakulik Associates c/o Reed Stoops	79	ADF&G	Low	Karluk Beach
KAP 236	Ayakulik Associates c/o Reed Stoops	17	USFWS	Low	Uganik Bay
KAP 238	Ayakulik Associates c/o Reed Stoops	32	USFWS	Low	Shelikof Strait
KAP 239	Ayakulik Associates c/o Reed Stoops	16	USFWS	Low	Shelikof Strait

Region: KEN/Kenai, KAP/Kodiak, PWS/Prince William Sound

Comprehensive Habitat Protection Process: Small Parcel Analysis

Supplement: July 15, 1995

SMALL PARCEL EVALUATION and RANKING KODIAK REGION

Parcel	Landowner	Acreage	Agency	Rank	Location
KAP 240	Ayakulik Associates c/o Reed Stoops	16	USFWS	Low	Shelikof Strait
KAP 241	Ayakulik Associates c/o Reed Stoops	23	USFWS	Low	Uyak Bay
KAP 243	Ayakulik Associates c/o Reed Stoops	12	USFWS	Low	Shelikof Strait
KAP 245	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Gurney Bay
KAP 246	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Bumble Bay
KAP 247	Ayakulik Associates c/o Reed Stoops	5	USFWS	Low	Halibut Bay
KAP 252	Ayakulik Associates c/o Reed Stoops	10	USFWS	Low	Deadman Bay
KAP 264	Senafont Shugak, Sr. (deceased)	160	USFWS	Low	Kiliuda Bay
KAP 270	Evon Nekeffer (deceased)	80	USFWS	Low	Three Saints Bay
KAP 271	Axenia Peninjohn (deceased)	160	USFWS	Low	Three Saints Bay
KAP 272	Evon Nekeffer (deceased)	80	USFWS	Low	Three Saints Bay
KAP 1008	Tanya K. Inga	160	USFWS	Low	Three Saints Bay

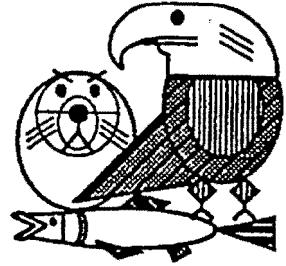
Appendix I

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone 907-278-8012 Fax 907-276-7178



Dear Landowner:

Thank you for nominating your land for the *Exxon Valdez* Oil Spill Habitat Protection Process. Please find enclosed a two-page nomination form, a summary of the small parcel element of the Comprehensive Habitat Protection Process (including a list of injured resources and services), and a map depicting the oil spill area.

We would appreciate your assistance in filling out the enclosed nomination form as completely as possible. The more information you can provide about your parcel, the easier it will be for us to evaluate your nomination. Location maps, legal descriptions, boundary surveys, photographs, etc. would be especially helpful.

We need to have this information by **July 15, 1994**. You will be notified by letter or postcard when we have received your completed nomination form. You will also be notified of the result of our evaluation at a later date.

If you have any additional questions, please call the Oil Spill Public Information Center at (907) 278-8008, toll free within Alaska at 1-800-478-7745.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

SMALL PARCEL NOMINATION FORM

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL

Please Print or Type

Part 1: Landowner Information

Phone: _____

Landowner: _____

Fax: _____

Address: _____

Co-owner: _____

Other contacts/agents: _____

Subsurface owner: _____

Part 2: Parcel Information

Legal description of property: (township, range, section) _____

General description of property: _____

Is your property located within or adjacent to a State or Federal Park, Refuge or National Forest or other public land unit? If so, which one? _____

Approximate acreage: _____ acres

Are there any developments on the site: _____

Are there any hazardous materials on the property? (waste oil, mine tailings, dump)

(Y/N/Unknown) _____

Please provide the following if available: surveys, photos, maps, copy of deed, etc.: _____

SMALL PARCEL NOMINATION FORM

Part 3: Threshold Criteria:

Are you willing to sell your property at fair market value? (Y/N) _____

Is the parcel within the Oil Spill area?(see attached map) (Y/N) _____

*Describe or list any injured resources/services that occur on or are affected by your property:

Tell us how acquisition of your property will benefit restoration: _____

General comments: _____

Part 4:

Signature of landowner: _____ Date: _____

and

Signature of co-owner: _____ Date: _____

Signature of co-owner: _____ Date: _____

A nomination does not bind you to sell your property, nor does it bind the Trustee Council to buy your lands.
Please submit each nomination on a separate nomination form.

*A list of all injured species/services is included.

If you need additional space please use additional sheets.

INCOMPLETE NOMINATION FORMS WILL NOT BE CONSIDERED

NOMINATION DEADLINE JULY 15, 1994

**Exxon Valdez Oil Spill
Comprehensive Habitat Protection Process
Small Parcel Element**

INTRODUCTION

In 1991, the U.S. District Court approved the settlement of a lawsuit involving the 1989 *Exxon Valdez* Oil Spill. The terms of the civil settlement required Exxon to pay the United States and the state of Alaska \$900 million over 10 years to restore the resources injured by the spill, and the reduced or lost services they provide. Under the court-approved terms of the settlement, a Trustee Council of three federal and three state members were designated to administer the restoration fund and to restore the resources and services injured by the spill.

The Comprehensive Habitat Protection Process, approved by the Trustee Council in July 1992, is the method for evaluating and ranking lands for habitat protection as part of the overall restoration program. The Comprehensive Process consists of both large and small parcel evaluation and ranking elements.

The first phase, large parcel element (parcels greater than 1,000 acres), was accepted by the Trustee Council on November 30, 1993, and subsequently reviewed by the public.

The small parcel element is a continuation of the effort started in the large parcel element. This document explains how the small parcel element evaluates the benefits of small parcel protection (less than 1,000 acres) to the recovery of injured resources and services.

The goal of the small parcel element is to protect lands that are linked to the recovery of injured resources and services. Emphasis in this evaluation will be placed upon the resource/service value of a small parcel and the relationship of the parcel to the surrounding land. Significant restoration benefits that can be achieved by protecting small parcels include:

- 1) Creating restoration and enhancement opportunities for resources and/or services;
- 2) Improving management of lands that contain linked habitats;
- 3) Facilitating access to public lands and resources; and,
- 4) Eliminating potential threats to key habitats of injured species.

5/13/94

The small parcel element is divided into nomination, evaluation, ranking, negotiation, acquisition and post-acquisition management phases. These phases are depicted graphically in Figure 1. The small parcel element also includes threshold criteria and evaluation and ranking criteria. The threshold criteria are designed to eliminate nominations that would not fulfill restoration objectives. The evaluation and ranking criteria are used to prioritize or rank those candidate lands that are in compliance with the threshold criteria.

NOMINATIONS

The Trustee Council is soliciting nominations from landowners in the oil spill area. Each nomination will be initially recorded and evaluated against a set of threshold criteria. These threshold criteria (Table 1) are designed to determine whether or not a nomination is acceptable for further consideration. Nominations will be rejected if they do not meet all of these minimum requirements:

Table 1: Threshold Criteria

- 1) There is a willing seller of the parcel or property right;
- 2) The parcel is linked to the restoration of one or more injured resources and/or services;
- 3) The seller acknowledges that the governments can purchase the parcel or property rights only at fair market value;
- 4) The acquired property rights can reasonably be incorporated into public land management systems in a manner that will facilitate restoration objectives; and,
- 5) The parcel is located within the oil spill area (see map).

PARCEL EVALUATION

If parcels are found to be in compliance with threshold criteria they will be subjected to a more comprehensive review using a set of evaluation and ranking criteria. These evaluation criteria are designed to examine the following factors:

- The parcel's linkage to key habitats/sites of an injured resource or service;
- The protection potential for injured resources/services that would be obtained; and,
- The ability to better manage public resources to promote the recovery of injured resources or services.

A list of injured resources and services that are linked to upland and nearshore habitats was developed from the Draft Restoration Plan, Summary of Injury and the recommendations of the chief scientist. These are listed in Table 2, Linked Resources and Services.

Table 2: Linked Resources and Services

Resources		Services
Sockeye Salmon	Harbor Seal	Recreation
Pink Salmon	Harlequin Duck	Designated Wilderness
Dolly Varden	Inter/Subtidal	Subsistence
Cutthroat Trout	Marbled Murrelet	Archeological Resources
Pacific Herring	Pigeon Guillemot	
Bald Eagle	River Otter	
Black Oystercatcher	Sea Otter	
Common Murre		

Linkage to a small parcel means: a) that the parcel contains habitat for a resource that is important during key life stages, or b) activities on the parcel have a significant influence on key habitats located on adjacent public lands. Key habitats include: spawning areas, overwintering areas, concentrated nesting areas, haulouts, seabird colonies (rookeries), dense seagrass beds, mussel beds, etc. Areas of more general use, such as feeding habitat, migration corridors or nearshore spawning habitat will not be considered key in this context.

Services are considered linked to a small parcel if the parcel has strategic value that extends beyond the parcel boundaries. For example, a small parcel may provide the only public access to an adjacent area of public land or the parcel contains the only or best camping, subsistence harvest or sport fishing site in the area. Scenic viewsheds and other more general service values are not considered key in this evaluation.

Information submitted as part of a nomination will be reviewed as part of the evaluation. Corroborating data will be solicited from resource agency staff on specific parcels. Information used in the evaluation process will include resource agency data on anadromous fish streams, marine mammal haulout areas, bald eagle nest locations, seabird colony locations, spruce bark beetle infestation maps, and any other pertinent information. *Exxon Valdez* oil spill natural resources damage assessment studies and agency planning studies will also be reviewed.

In determining the protection potential for injured resources and services that a parcel will provide, the process considers the susceptibility of injured resources/services to adverse impacts from human activities. Potential threats to resources and their habitats include both disturbance and habitat degradation or loss. These criteria will evaluate the potential threats of development on the parcel to the habitats of injured resources/services both on the parcel and on adjacent lands.

Ranking

Each of the scored parcels will be assigned a ranking of high, moderate or low. This assignment represents the degree to which acquisition of full title benefits the linked resources and services identified to occur on the specific parcel. The rankings will be assigned on the basis of staff's review of the results of the evaluation.

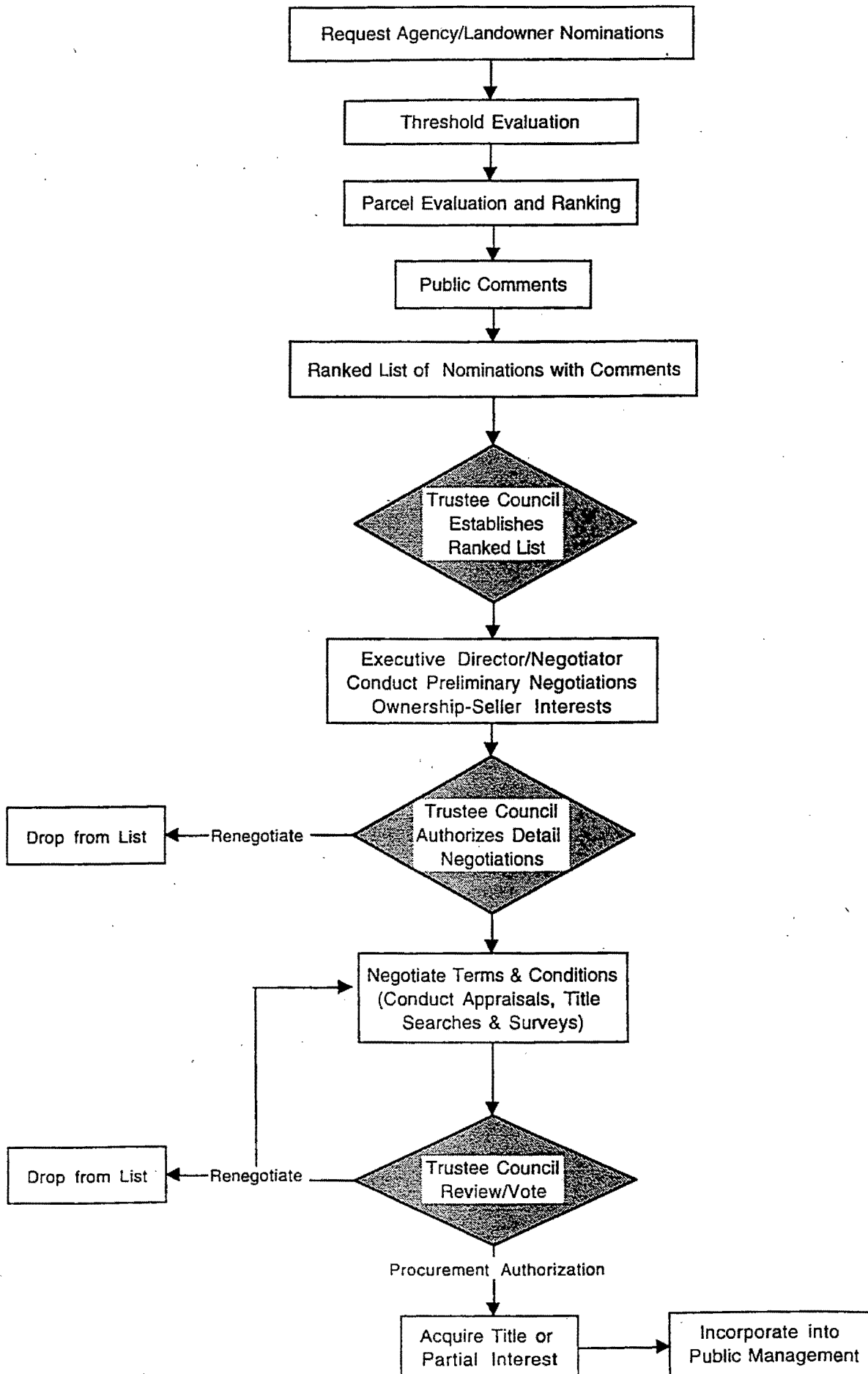
Public Comment

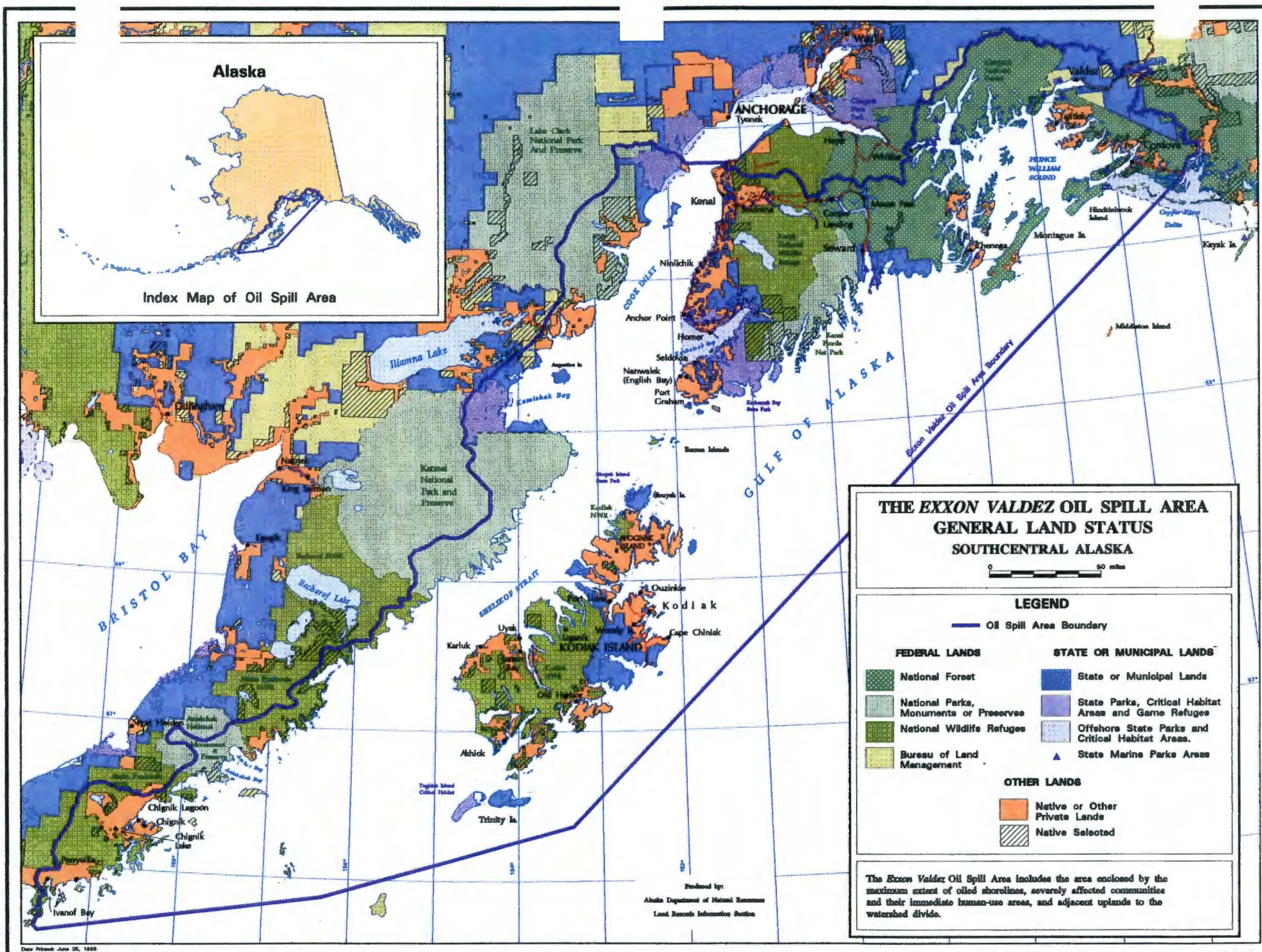
Following Trustee Council staff parcel evaluation and ranking, the public will have the opportunity to comment. These comments will be incorporated with staff recommendations in establishing a list of prioritized parcels for Trustee Council review and possible acquisition.

5/13/94

4

SMALL PARCEL PROTECTION PROCESS





PARTICIPANTS/EXPERTS/REVIEWERS

NAME	SPECIALTY	AFFILIATION
Bailey, Theodore	Wildlife Biology, Eagles	US Fish & Wildlife Service Kenai National Wildlife Refuge
Barrett, Bruce	Fish Biology	Alaska Department of Fish & Game, Commercial Fisheries Division
Bittner, Judy	Archaeology	Alaska Department of Natural Resources, Office of History and Archaeology
Corbett, Debra	Archaeology	US Fish & Wildlife Service Resource Support
Crenshaw, Ron	Wilderness/Recreation	Alaska Department of Natural Resources Division of Parks
Dale, Joan	Archaeology	Alaska Department of Natural Resources, Office of History and Archaeology
Dugan, Lawrence	Wildlife Biology	US Fish & Wildlife Service, Ecological Services
Ernst, Richard	Wildlife Biology	US Fish & Wildlife Service Kenai National Wildlife Refuge
Fisler, Sue	Recreation	Alaska Department of Natural Resources, Division of Parks
Gnath, Dennis	Fish, Wildlife, Habitat	Alaska Department of Fish & Game, Habitat Division.
Hepler, Kelly	Fish Biology/Recreation	Alaska Department of Fish & Game, Sportfish Division
Holland, Clair	Wilderness/Recreation Kodiak	Alaska Department of Natural Resources, Division of Parks
Johnson, Jeff	Wilderness/Recreation Kenai	Alaska Department of Natural Resources, Division of Parks
MacCampbell, Roger	Wilderness/Recreation	Alaska Department of Natural Resources, Division of Parks
Mattson, John, Ph.D.	Archaeology	US Forest Service, Chugach National Forest
McKay, Don	Fish, Wildlife, Habitat	Alaska Department of Fish & Game, Habitat Division

PARTICIPANTS/EXPERTS/REVIEWERS

NAME	SPECIALTY	AFFILIATION
Muhlberg, Gay	Fish, Wildlife, Habitat	Alaska Department of Fish & Game, Habitat Division
Namtvedt, Tom	Fish Biology	USFS, ADF&G Commercial Fish Division, PWSAC Planner
Randall, Richard	Fish Biology	ADF&G, Retired Commercial Fish Manager, Cordova and Southcentral Areas
Reger, Doug	Archaeology	Alaska Department of Natural Resources, Office of History and Archaeology
Schwarz, Len	Fish Biology/Recreation	Alaska Department of Fish & Game, Sportfish Division
Seaberg, Stewart	Fish, Wildlife, Habitat	Alaska Department of Fish & Game, Habitat Division
Sundet, Kathrin	Fish, Wildlife, Habitat	Alaska Department of Fish & Game, Habitat Division
Titus, Chris	Wilderness/Recreation	Alaska Department of Natural Resources Division of Parks and Outdoor Recreation
Zweifelhoffer, Denny	Seabirds, Bald Eagles	US Fish & Wildlife Service, Kodiak National Wildlife Refuge

PARCEL EVALUATION REFERENCES

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COMPREHENSIVE HABITAT PROTECTION PROCESS

Small Parcel Evaluation & Ranking

EVALUATION

Gerlach, Tom	Fish & Wildlife Biologist	U.S. Fish & Wildlife Service
Holbrook, Ken	Fish Biologist	U.S. Forest Service
Kuwada, Mark	Habitat Biologist	Alaska Department of Fish & Game
Weiner, Art, PhD	Natural Resources Manager	Alaska Department of Natural Resources

TECHNICAL SUPPORT

Fries, Carol	Natural Resources Manager	Alaska Department of Natural Resources
Mortenson, Dorothy	Analyst Programmer	Alaska Department of Natural Resources
Zeiner, Kelly	Analyst Programmer	Alaska Department of Natural Resources
Kenning, Eric	Analyst Programmer	Alaska Department of Natural Resources

DATA PROCESSING SUPPORT

Iseah, Barbara	CACI	Exxon Valdez Oil Spill Restoration
Yockey, Tami	CACI	Exxon Valdez Oil Spill Restoration

LOGISTICS

MacCampbell, Roger	Park Ranger, Kenai District	Alaska Department of Natural Resources
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Appendix II
Individual Parcel Analyses
(Description & Vicinity Maps)

Parcel ID: PWS 05
Valdez Duck Flats

Rank: High **Acreage:** 33 **Agency Sponsor:** USFS

Location: 0.5 miles north of the city of Valdez, Richardson Highway, Valdez, Alaska. U.S. Survey, No. 447, T8S, R6W, S29/32.

Landowner: University of Alaska

Address: Statewide Office of Land Management
2221 E. Northern Lights Blvd., Suite 213
Anchorage, AK 99508

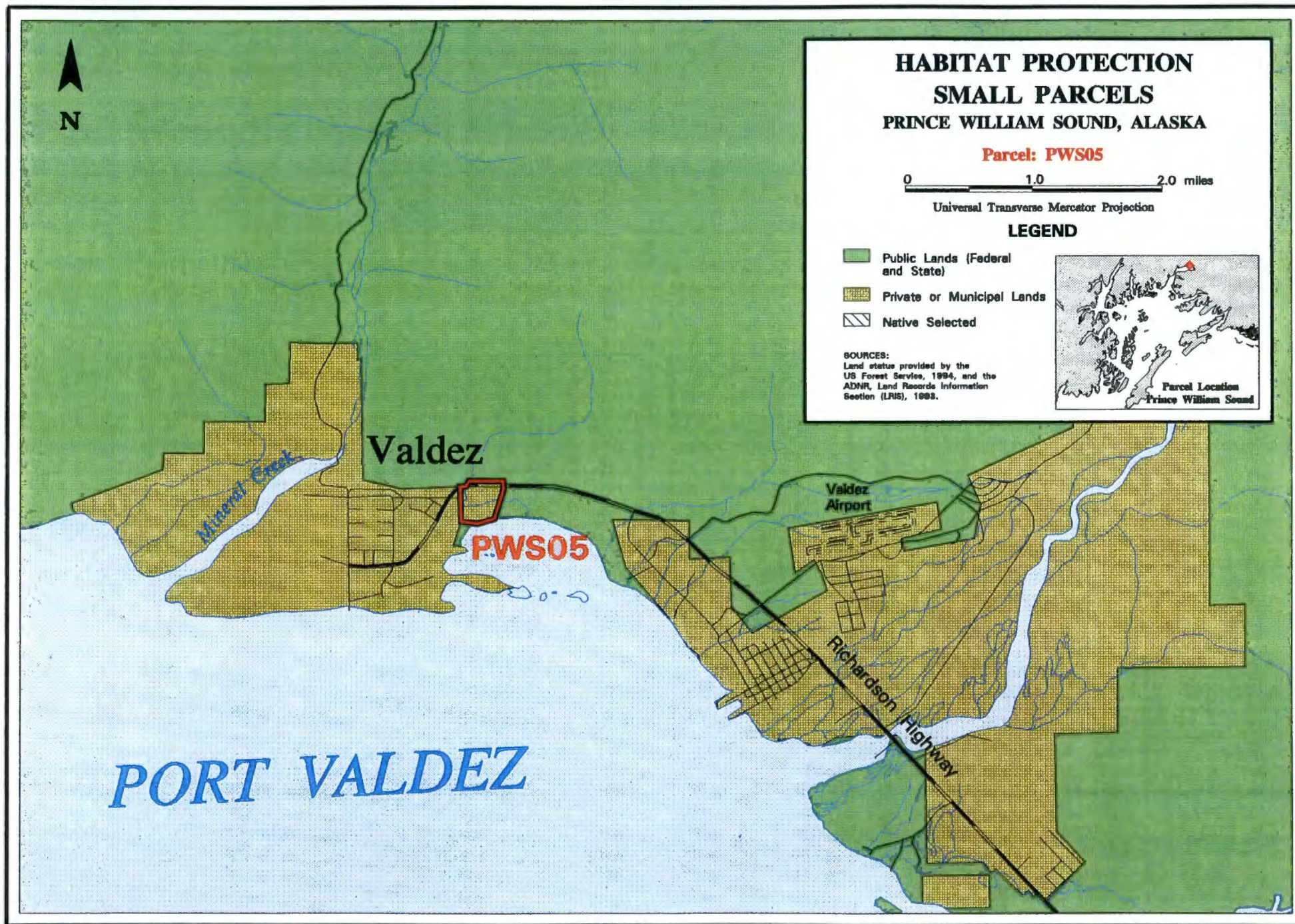
This 33 acre parcel is leased to the USDA Forest Service as a visitor center for viewing pink salmon spawning. The current lease expires in 1998. In 1994, the parcel and associated salmon stream attracted an estimated 80,000 - 120,000 visitors. Tourist use of this site is expected to continue to increase. The parcel includes both the fish viewing area north of the Richardson Highway and a portion of the Valdez Duck Flats south of the highway.

The Valdez Duck Flats are a large and unique complex of intertidal mud flats and salt marsh covering approximately 1000 acres. The flats are flooded regularly by incoming tides that mix with seven freshwater streams creating a productive estuary environment. Millions of salmon fry from these streams and the nearby Solomon Gulch hatchery feed and rear throughout the Duck Flats, assisted by the counter-clockwise currents that flow through Port Valdez. The Duck Flats also provide nesting, molting and staging habitat for 52 species of marine birds, 8 species of waterfowl, 18 species of shorebirds and numerous other passerines and raptors. Harbor seals and sea otters also forage throughout the area for mussels and clams.

The injured resources and services that potentially benefit from acquisition of this parcel include pink salmon, intertidal/subtidal habitats, and recreation/tourism.

Threats to the resources on this parcel are based largely on facilities expansion. Threats to service values i.e., recreation/tourism, except for the potential loss of lease are considered minimal. Facilities expansion may include filling of wetlands for added parking or public access, highway improvements, and interpretive site development. Public ownership of this site would ensure continued public access and visitor enhancements that are consistent with restoration goals.

The USDA Forest Service is presently attempting to purchase this parcel with restitution funds.



Parcel ID: PWS 17
Ellamar Subdivision

Rank: Moderate **Acreage:** 172 **Agency Sponsor:** ADNR

Location: Ellamar Subdivision in Virgin Bay, Tatitlek Narrows, Prince William Sound. T11S, R9W, S20/29.

Landowner: Ellamar Properties, Inc.

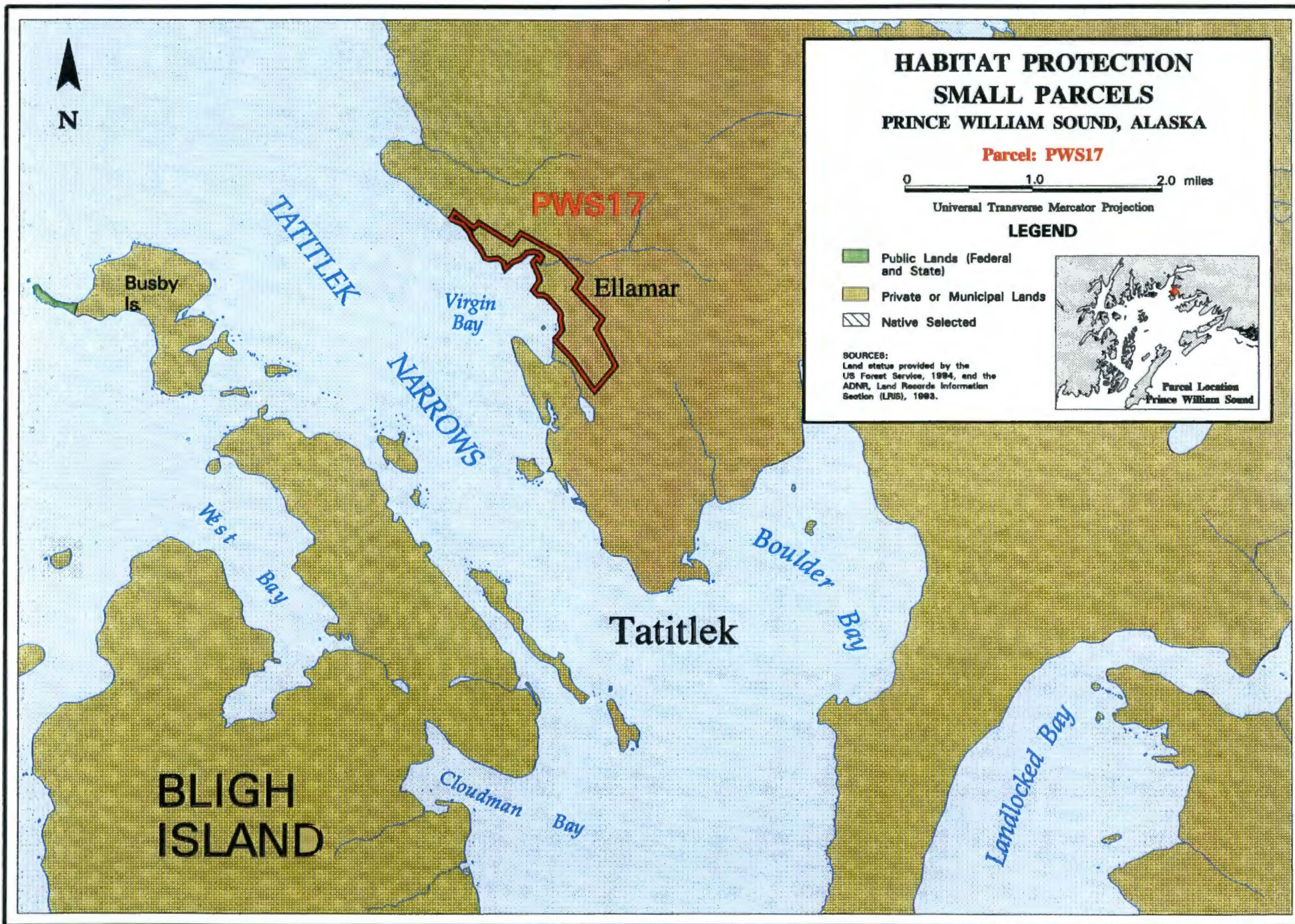
Address: P.O. Box 203113
Anchorage, AK 99520-3113

This 172 acre parcel is located on Virgin Bay, approximately two miles north of the village of Tatitlek in Prince William Sound. The area is mostly flat, well forested, protected by Bligh and Busby Islands to the west and surrounded by mountains to the east. The property consists of a planned subdivision with 157 lots, 42 of which have been sold. Most lots are approximately 1 acre in size, and 10 of the lots that were sold have houses constructed on them. Existing patterns of land ownership could complicate future management of this parcel.

The parcel provides restoration benefits for pink salmon, Pacific herring, intertidal/subtidal habitats, sea otter and recreation/tourism. Gladhaugh Creek, a pink salmon stream, bisects part of the parcel. Virgin Bay supports heavy spawning concentrations of Pacific herring and is a documented concentrated sea otter pupping area. Recreational improvements already in existence on-site include subdivision roads, a boathouse and dock. Virgin Bay also provides a protected anchorage that will enhance public access if surrounding lands become publicly owned.

Threats to injured resources and services are based primarily on increased development of the subdivision. Potential impacts include elevated levels of disturbance, localized pollution, and possible habitat loss from erosion and sedimentation as additional lands are cleared.

The parcel has been exposed to development in the past, including mining on adjacent lands for gold and copper, and operation of a fish cannery. Because of this, hazardous materials are a consideration. Subdivision roads have reportedly been constructed with old mine tailings.



Parcel ID: PWS 52
Valdez, Hayward

Rank: Moderate **Acreage:** 9.5 **Agency Sponsor:** ADF&G

Location: Lots 1-4, Block 3 and Block 4, Zook Subdivision, Mineral Loop Road, Valdez, Alaska. T8S, R6W, S33/34.

Landowner: Philip L. Hayward

Address: 1208 Oxford Drive
Anchorage, AK 99503

This 9.5 acre parcel is located near the intersection of the Richardson Highway and Mineral Loop Road, adjacent to the Valdez Duck Flats. The parcel contains three gravel pads that extend out onto the Duck Flats with little additional improvements other than a shed and trailer.

The parcel's potential restoration benefits are based entirely on its intertidal/subtidal values. The Valdez Duck Flats are a large and unique complex of intertidal mud flats and salt marsh covering approximately 1000 acres. The flats are flooded regularly by incoming tides that mix with seven freshwater streams creating a productive estuary environment. Millions of salmon fry from these streams and the nearby Solomon Gulch hatchery feed and rear throughout the Duck Flats, assisted by the counter-clockwise currents that flow through Port Valdez. The Duck Flats also provide nesting, molting and staging habitat for 52 species of marine birds, 8 species of waterfowl, 18 species of shorebirds and numerous other passerines and raptors. Harbor seals and sea otters also forage throughout the area for mussels and clams.

The Valdez Duck Flats are threatened by increasing development around the perimeter of the flats and pollutants from a variety of potential sources, including the gravel pads that exist on-site. Acquisition of this parcel would mitigate some of that threat. In addition, removal of the gravel pads could assist in restoring a small portion of the Duck Flats by allowing periodic flooding and the reestablishment of native vegetation.






HABITAT PROTECTION SMALL PARCELS PRINCE WILLIAM SOUND, ALASKA

Parcel: PWS52

0 1.0 2.0 miles

Universal Transverse Mercator Projection

LEGEND

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

SOURCES:
Land status provided by the
US Forest Service, 1994, and the
ADNR, Land Records Information
Section (LRIS), 1993.



Parcel Location
Prince William Sound

PORT VALDEZ

Valdez

PWS52

Valdez
Airport

Richardson
Highway

Minnel Creek

Parcel ID: KEN 10
Kobylarz Subdivision

Rank: Moderate **Acreage:** 20 **Agency Sponsor:** ADF&G/ADNR

Location: Kobylarz Subdivision Tract D, NW 1/4, SE 1/4, SW 1/4, SE 1/4
Sec 19, T5N, R10W, Seward Meridian, Kenai, AK.

Landowner: Elizabeth Kobylarz

Address: 254 Binkley Street
Soldotna AK 99669

This 20 acre parcel on Mile 14 of the Kenai River encompasses approximately 1100 feet of riverbank frontage on Big Eddy, one of the most popular fishing areas on the river. The property consists of a large wetland and spring-fed slough bordered by a bluff to the north, partially submerged woods, and the Kenai mainstem. Upstream of the slough entrance the river forms an approximately 50-meter long sand and gravel bar. The parcel receives a significant amount of trespass recreational use as fishermen access the property from an adjacent road and subdivision on the bluff. Boats drifting through the Big Eddy fishing hole also drop fishermen off onshore. This is one of only two parcels that has foot access to the Big Eddy hole along the north shore of the Kenai River.

Pink salmon and Dolly Varden spawn in the river adjacent to the property, and the slough provides excellent rearing and overwintering habitat for Dolly Varden, chinook and coho salmon. Adjacent wetlands support fish and invertebrates, store flood waters, provide ground water recharge and filter surface run-off.

Increasing fishing pressure on the Kenai River, particularly in the area downstream of the Soldotna Bridge, threatens to degrade the value of this parcel for fish spawning and rearing. Permitting records show that the landowners have proposed filling portions of this parcel in the past. Acquisition would allow for better management of the property including improved enforcement of trespass related impacts and protection of key salmonid habitat.

HABITAT PROTECTION SMALL PARCELS KENAI PENINSULA, ALASKA

Parcel: KEN10

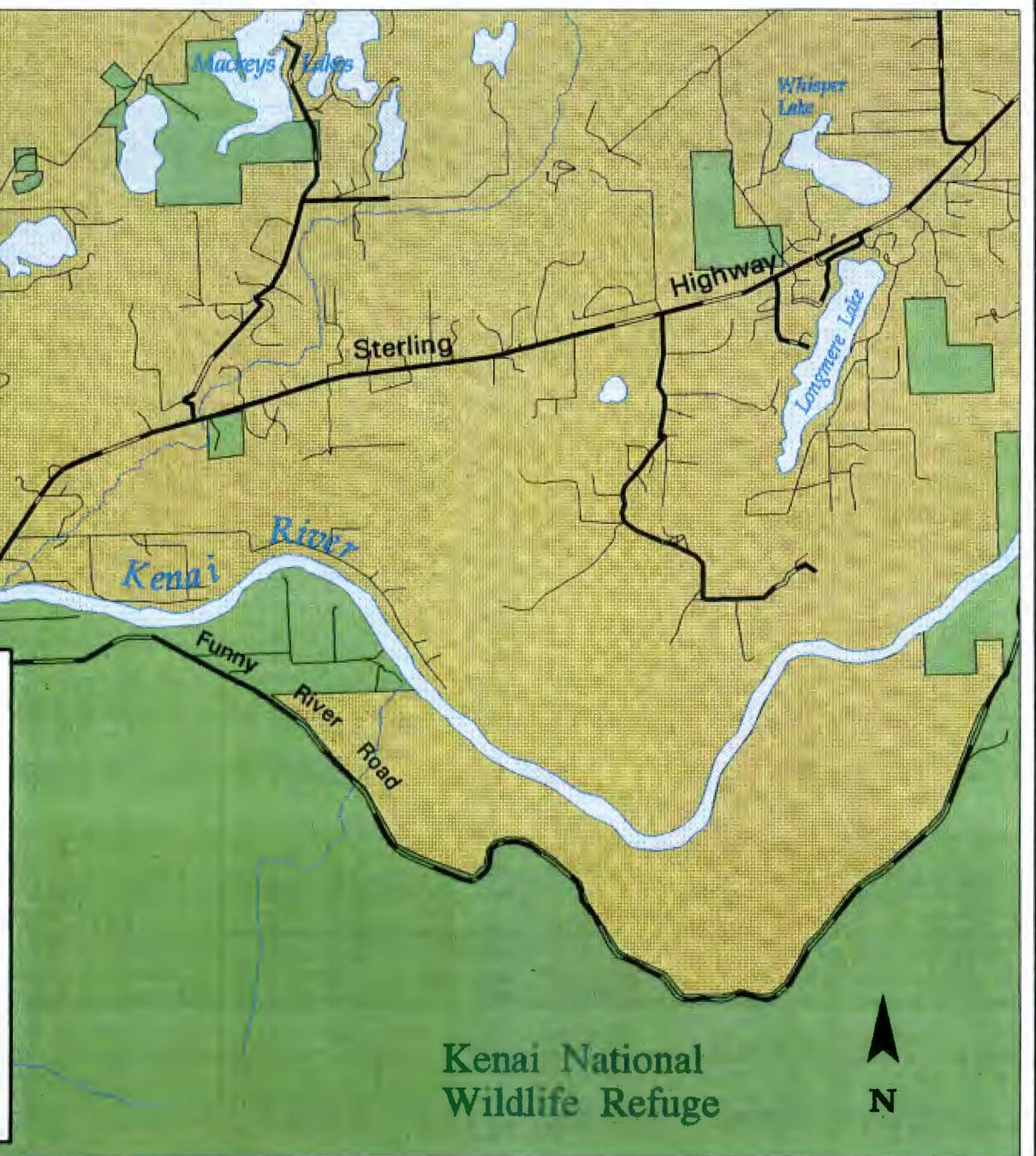
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Universal Transverse Mercator Projection

LEGEND

- Public Lands (Federal and State)
- Private or Municipal Lands
- Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



**Kenai National
Wildlife Refuge**



Parcel ID: KEN 19
Coal Creek Moorage

Rank: High **Acreage:** 53 **Agency Sponsor:** ADF&G/ADNR

Location: Coal Creek Moorage Subdivision, Part 1 Block 1, Lots 1, 2, 3, 4 & 5; Block 2 Lot 2, Tract A. NE 1/4 Sec 13, T3N, R13W, Seward Meridian, Kenai, AK.

Landowner: Linda McLane

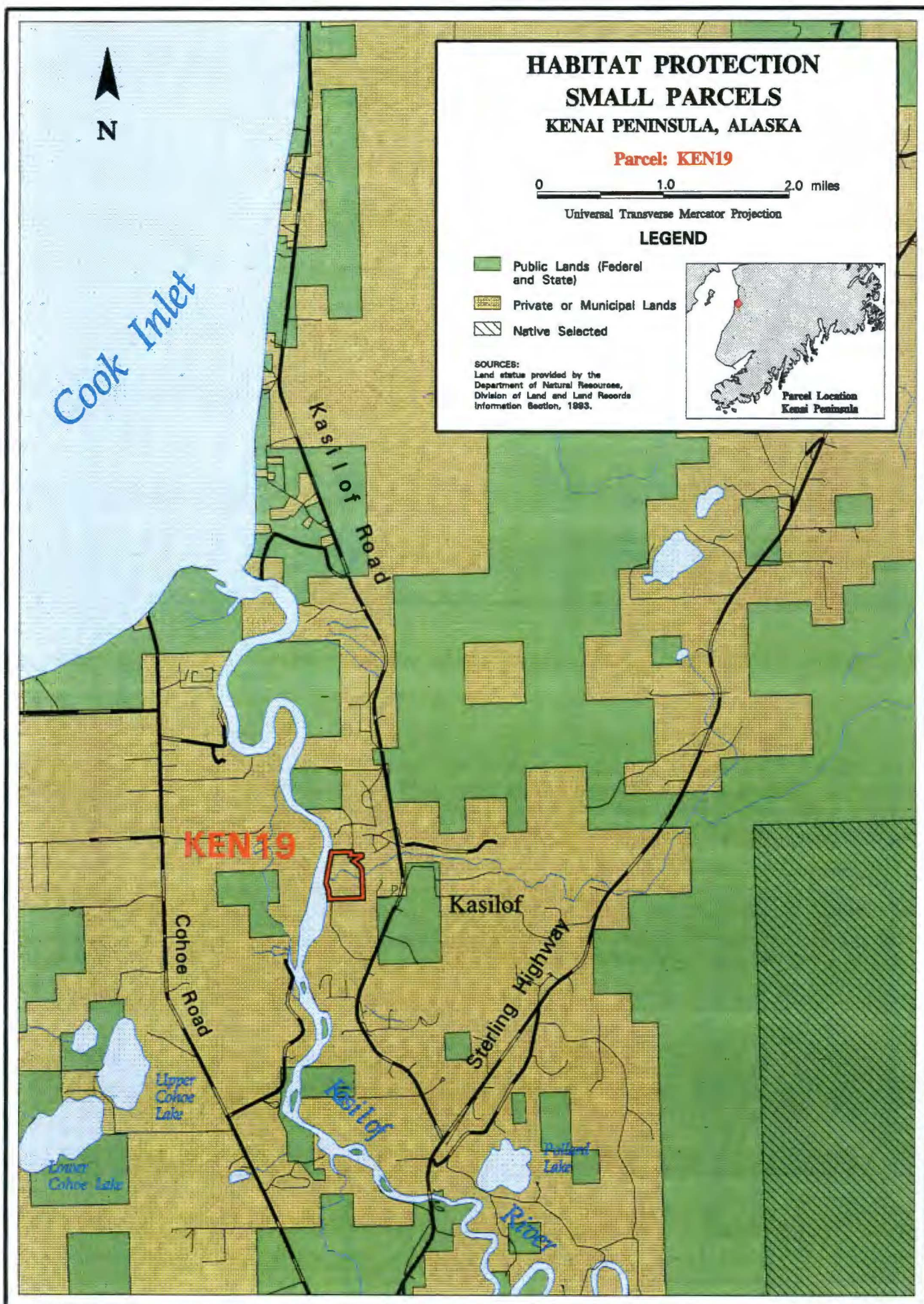
Address: P.O. Box 769
Kasilof AK 99610

This 53 acre parcel is located at the confluence of Coal Creek and the Kasilof River, part of the Kasilof River Flats. The parcel received a high intertidal score because it contains an extensive tidal marsh surrounded by uplands of mixed spruce and birch. Tidal marshes are considered unique in this evaluation because of their limited distribution and high productivity. The estuarine wetlands on and adjacent to the property provide key habitats for a variety of fish, birds and mammals.

Injured species that benefit from this parcel include pink and sockeye salmon, Dolly Varden, and bald eagles; the parcel also supports non-injured species such as chinook and coho salmon; steelhead and rainbow trout; Canada, Tule and lesser snow geese; Sandhill cranes; and numerous other waterfowl and shorebirds. Coal Creek is an important wildlife movement corridor for black bear and moose that travel between adjacent upland areas and the Kasilof River Flats. The Cook Inlet Aquaculture Association (CIAA) uses Coal Creek as a release site for sockeye salmon smolts, which contribute to the overall Cook Inlet commercial fishery.

In addition to its value for wildlife, the property has numerous cultural resources. There is evidence of early Russian structures with features indicating this may be the site of the first Russian settlement in southcentral Alaska. There are also numerous barabaras (remnant house pits), fish pits, and two abandoned historic fox farming pens. The parcel supports recreational use by fishermen, birdwatchers and hikers, and could be enhanced to provide additional or other forms of recreation.

The parcel's landowners have attempted to develop a subdivision and access road that would result in approximately 11,000 cubic yards of fill being placed on the property. The landowners also proposed to culvert Coal Creek. The Kenai Peninsula Borough has provided correspondence and a formal resolution supporting acquisition of the property for management as a State Critical Habitat area. Support for this action has also come from the CIAA and several Kenai Peninsula legislators.



Parcel ID: KEN 34
Cone Parcel

Rank: High **Acreage:** 100 **Agency Sponsor:** ADF&G/ADNR

Location: T5N, R11W, Sec 11, Seward Meridian. South of Beaver Loop Road, Kenai AK. Kenai Peninsula Borough Assessor's Parcel # 49-110-28 and 49-440-01.

Landowner: Chester Cone

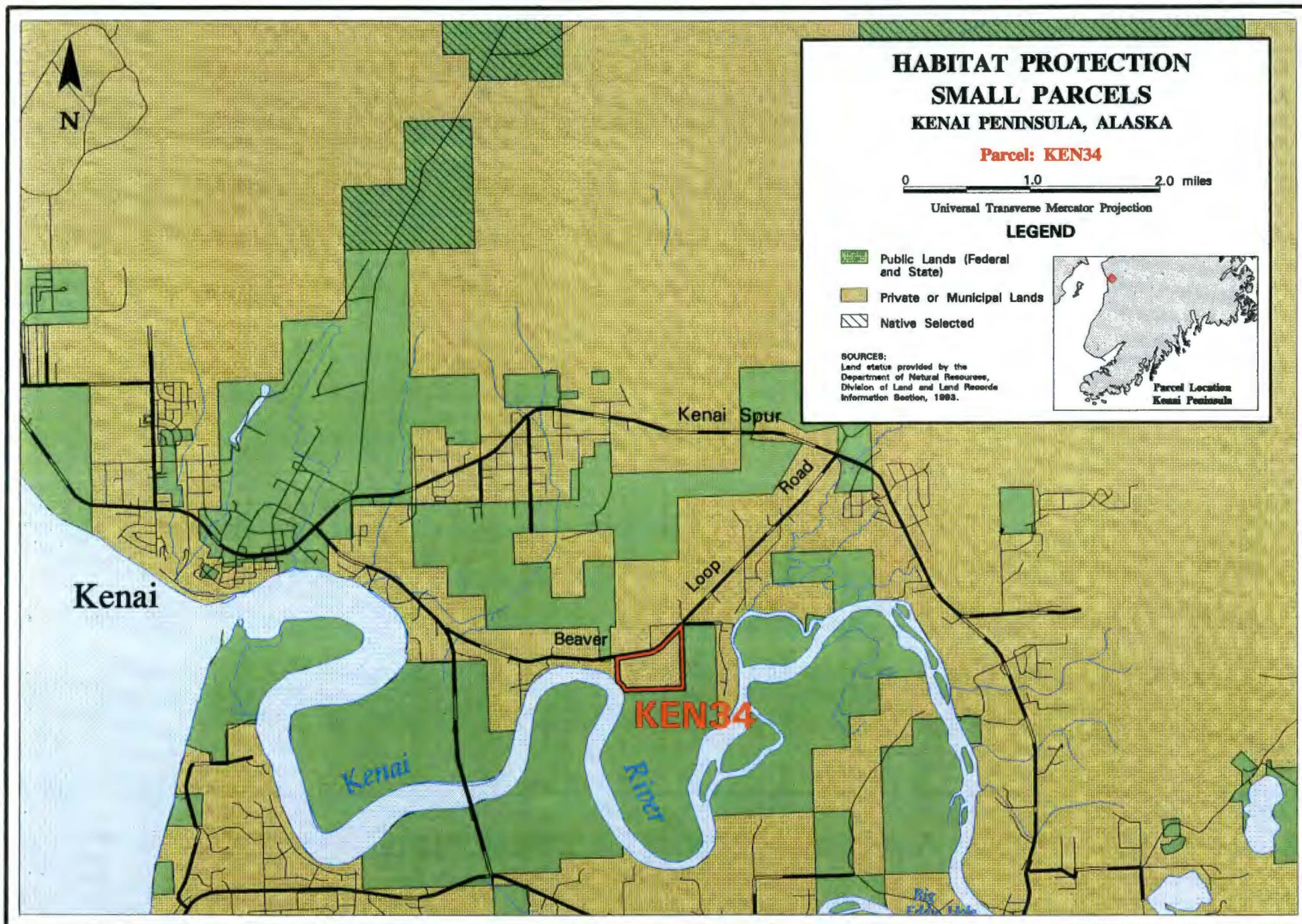
Address: P.O. Box 263
Kenai AK 99611

This 100 acre parcel is located near the mouth of the Kenai River in an area known as the Kenai River Flats. The property receives a high intertidal score because of the extensive tidal marsh that exists on-site. The marsh and surrounding uplands are a mixture of bog meadow, grass, sedge, rose shrubs and spruce. Tidal marshes are considered unique in this evaluation because of their limited distribution and high productivity. Estuarine wetlands such as those on the subject property are used by salmon smolt for cover and feeding prior to their outmigration to Cook Inlet. They also provide cover and rearing habitat for Dolly Varden.

In addition to its value for injured species, the Kenai River Flats provide important habitat for a variety of other fish and wildlife. Hundreds of thousands of waterfowl, shorebirds and raptors use the area for nesting, feeding and staging; and eighteen species of fish have been documented in this lower reach of the river. The Kenai Lowlands Caribou Herd uses the area for calving and summer range. High levels of recreational use are associated with all of these fish and wildlife values.

The parcel is situated on a popular drift fishing zone in the lower Kenai River. The landowner has attempted to develop the property for some years, most recently to construct a public boat launching facility, access road and parking area. So far, enabling permits have been denied.

An important consideration relating to this property is a resolution passed by the City of Kenai that would rezone 500 acres of adjacent city-owned wetlands from a Rural Residential classification to Conservation, contingent upon acquisition of the subject property by the Exxon Valdez Trustee Council. An ordinance pursuant to this resolution has been drafted and is on hold pending Council action. Consequently, 600 acres of habitat protection could potentially be achieved with the acquisition of this 100 acre property.



Parcel ID: KEN 54
Salamatof Parcel

Rank: Moderate **Acreage:** 1260 **Agency Sponsor:** ADF&G/
ADNR/USFWS

Location: T4N, R9W, Sec 6 & 7, Seward Meridian, Kenai AK. T4N,
R10W, portions of Sec 1 & 12, Seward Meridian, Kenai, AK.

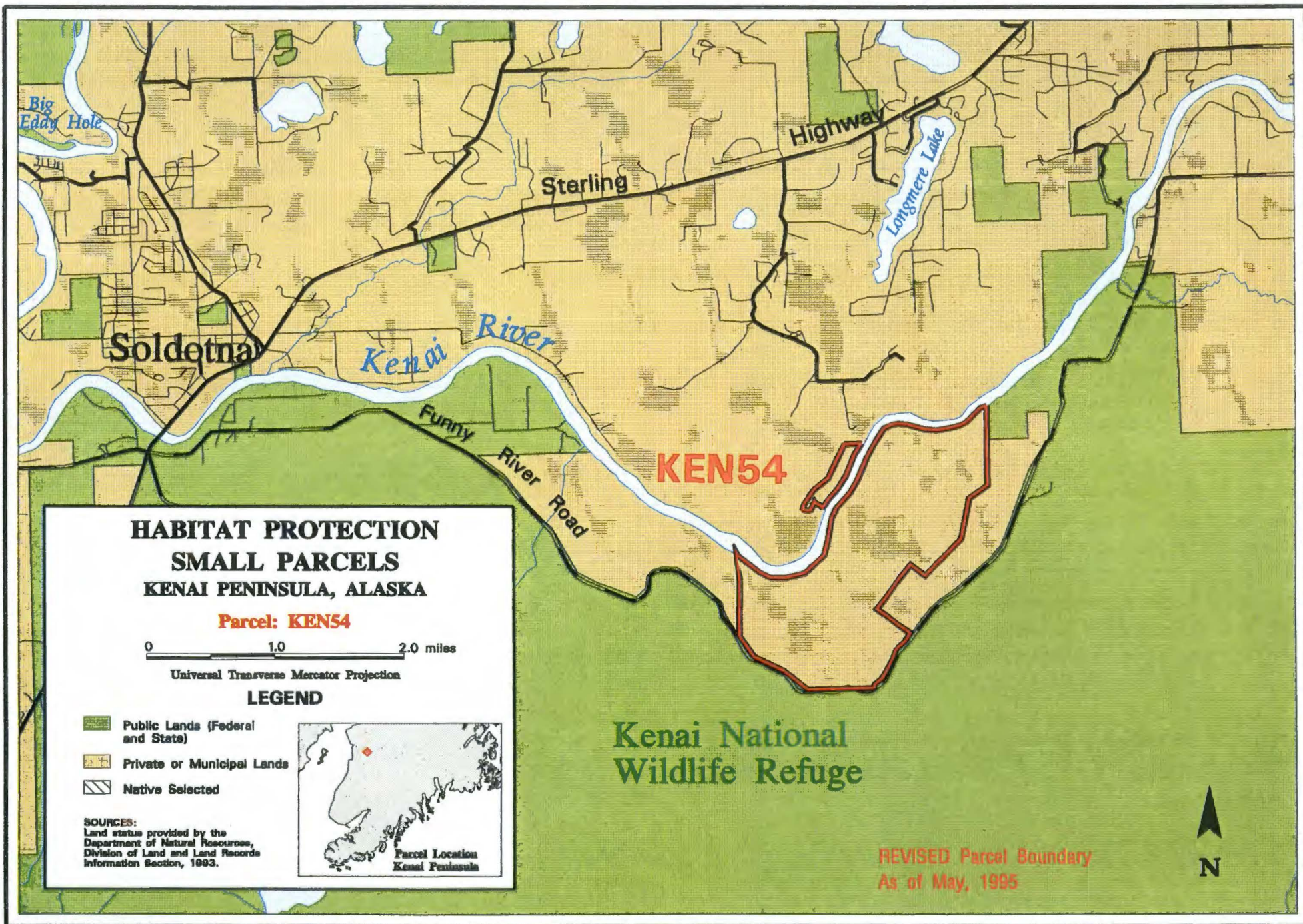
Landowner: Salamatof Native Association, Inc.

Address: P.O. Box 26822
Kenai AK 99611

This 1260 acre parcel is one of the largest undeveloped privately owned parcels on the Kenai River. It encompasses approximately two miles of river bank between River Miles 26 and 28, upstream of the Soldotna Municipal Airport. Lands on the parcel are composed of well-drained forested uplands that slope gently toward the river and large areas of associated riparian wetlands. Most of the parcel is undisturbed except for extensive foot trampling along an existing powerline and streambank public access easement. Bankfishing pressure is high in the downstream 1/3 of this parcel and steadily increasing.

Pink salmon spawning and Dolly Varden spawning and rearing occur adjacent to the property. Sockeye salmon may also spawn and rear here although site-specific use has not been documented. Bald eagles nest on the parcel, and river otter use is high.

Acquisition of this property will protect injured resources and services from future development including roads, residential subdivisions, and intensified private recreational use. The landowner has already developed large tracts of land across the river consisting of high density recreational cabins and homesites. The result is a loss of riparian habitat and trespass conflicts as recreationists attempt to access the river over inhabited private property. Existing impacts from unregulated access on the subject property can be mitigated by constructing boardwalks and implementing restricted use zones. Dedicated parking areas and facilities can also be used to ease trespass-related damages. Streambank vegetation preserved in the process will contribute greatly to the protection of Kenai River fish habitat.



Parcel ID: KEN 55
Overlook Park

Rank: Moderate **Acreage:** 97 **Agency Sponsor:** ADNR

Location: T6S, R14W, Sections 15 and 22 Seward Meridian, Kenai, AK.
3/4 miles north of Bluff Point from Sterling Highway, Homer.

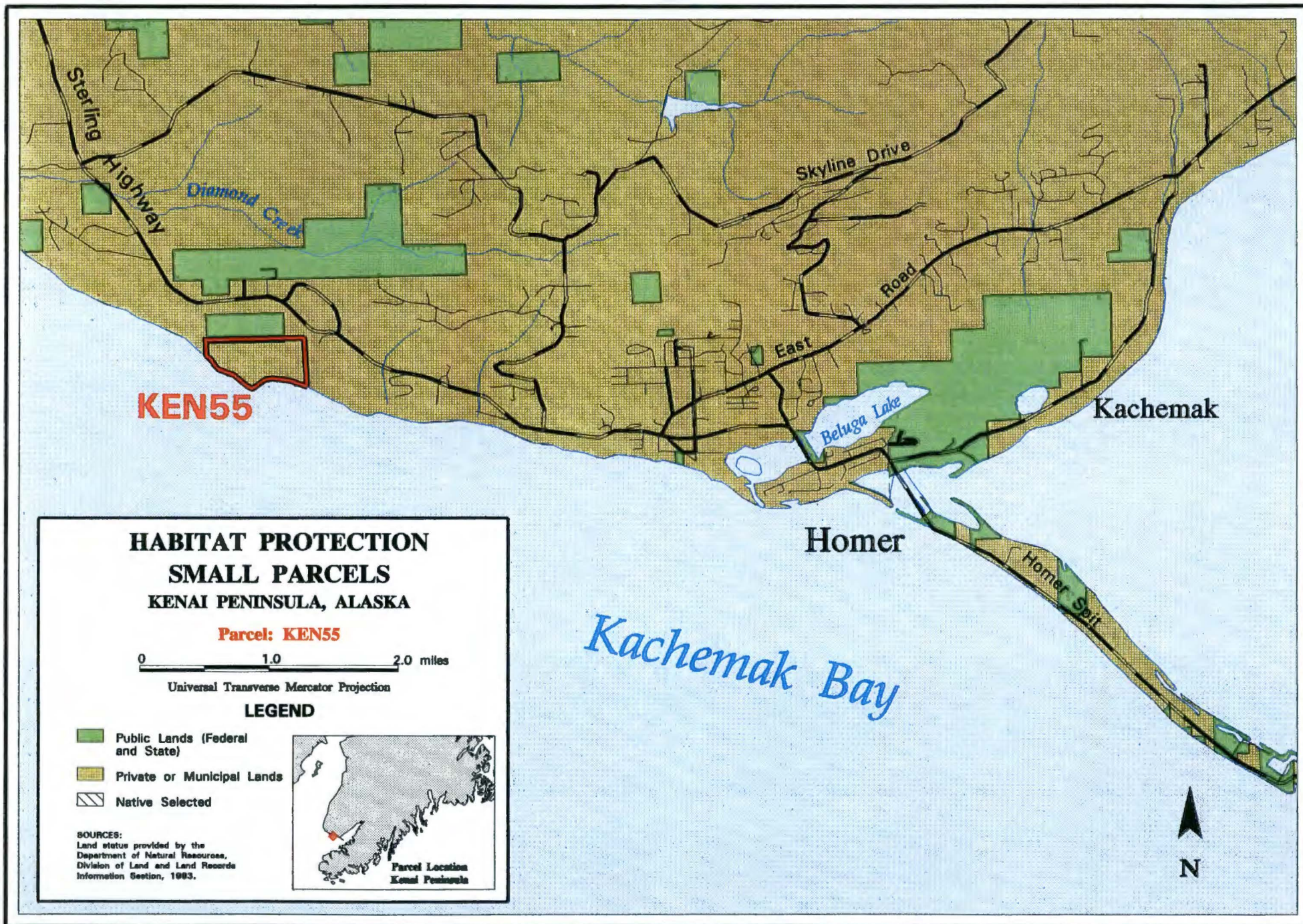
Landowner: Sandra Cronland, Joyanna Geisler, David Lloyd,
Michael McNiven, Sharon Whytal

Address: PO Box 1649
Homer AK 99603

This parcel is locally known as *Overlook Park*, because it is situated below and is visible from the Sterling Highway scenic overlook. The parcel is located between state lands on the north and the Baycrest parcel (also nominated for consideration in this process) on the east. The primary significance of the parcel to restoration is that it lies upland of three-quarters of a mile of Kachemak Bay shoreline and an extensive tidal pool area that is unique to the area and accessible from the road system. These tidal pools and rocky intertidal habitat contain an especially diverse flora and fauna. The area is popular with local community groups, including public schools and natural history study groups, for field trips and specimen collecting.

The uplands contain a mixed association of spruce, birch, cottonwood, small, open meadows, bogs, and freshwater ponds. These uplands are utilized by a diverse variety of birds and mammals including moose and bear. There are no structures, roads or any other human development on this site.

The parcel is only accessible by foot down the steep bluff from the highway or by walking along the shoreline 3.5 miles west from Bishop Beach. There appears to be some residential development potential for this property in the area between the tidelands and the bluff.



Parcel ID: KEN 148
River Ranch

Rank: Moderate **Acreage:** 146 **Agency Sponsor:** ADF&G/ADNR

Location: Government Lot 4, 9, 10 and the NE 1/4 of the SW 1/4, all in T5N, R9W, Sec 22, Seward Meridian, Kenai AK.

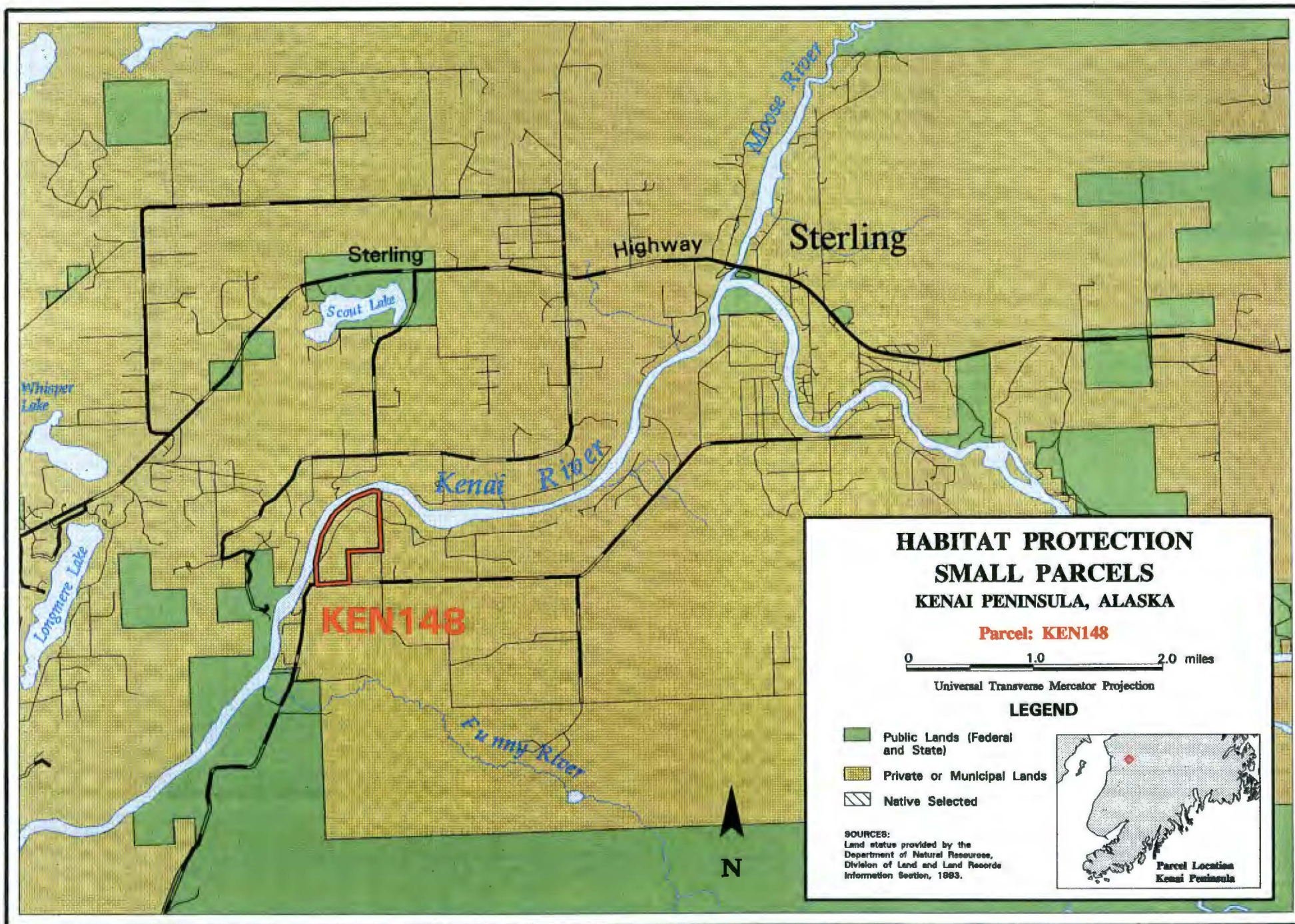
Landowner: Steve Anderson, Walt Hanni, Erv Terry

Address: P.O. Box 190228
Anchorage AK 99519

This 146 acre parcel is located near River Mile 32 on the Kenai River. It is one of the larger privately owned properties on the river, developed primarily as a horse and cattle ranch. Topography is generally flat and native vegetation has been cleared for hay fields. Riparian vegetation along portions of the Kenai River has been manually cleared or trampled by livestock.

Pink salmon spawning and Dolly Varden spawning and rearing occur adjacent to the parcel. The popular Morgan's Landing State Recreation Area and fishing hole is situated immediately downstream, as is the Alaska State Parks Kenai Area Headquarters. This section of the river receives high public use from boat and shore-based anglers. Recreational use of the subject parcel has been largely restricted by the landowners.

This parcel has high potential for recreational use, development and habitat protection. The parcel is located near a proposed bridge crossing of the Kenai River that will connect the town of Sterling to the Funny River road, facilitating increased use of the south side of the river by thousands of anglers. The landowners are considering a range of development options including a fishing lodge, single and multi-family housing, and a camper-style recreational vehicle park. The parcel has been extensively cleared and improved, is relatively flat, and has the potential to increase human use pressures on the river significantly if fully developed. Increased development can impact salmon habitat and affect existing recreation as more people compete for limited access sites. Streambanks may become trampled and denuded, increasing erosion and reducing habitat values. Acquisition of the parcel will facilitate management of Kenai River fisheries and injured resources by regulating public access and minimizing associated bank damage. Livestock removal and the reestablishment of riparian vegetation will enhance the habitat value of this parcel for fish.



Parcel ID: KEN 149
Perl Island

Rank: High **Acreage:** 156 **Agency Sponsor:** ADNR

Location: Perl Island; Tract 1 & 2, Perl Island Subdivision, a subdivision of US Survey 4781, Seldovia Recording District.
(Island in Chugach Island group south of the Kenai Peninsula.)
T12S, R14W, Section 19, Seward Meridian, Kenai, AK.

Landowner: Perl Island Ranch Partners

Address: P.O. Box 190228
Anchorage, AK 99519

This parcel occupies the northwest corner of Perl Island, the central of the three islands in the Chugach Islands group. The remainder of the island is owned primarily by the State (3,500 acres) and partly by the Federal government (BLM-managed/ Native-selected). There is an anadromous stream on parcel that contains both pink salmon spawning and Dolly Varden spawning, rearing and over-wintering habitat. The parcel lies upland of 4-5,000 feet of shoreline consisting of sand and gravel beaches and rocky, intertidal habitat interspersed with tide pools. There is a small lake in the uplands. There is a documented concentration of sea otters in this area. Small boat access is possible from the sand beaches.

The parcel contains two cabins, outbuildings and two airstrips. Cattle ranching occurs on the parcel and on adjacent State land that had been leased for this purpose.

Acquisition of this parcel would place most of the island in public ownership and eliminate adverse impacts on injured resources from cattle grazing.



Parcel ID: KAP 130
Uyak Bay

Rank: Moderate **Acreage:** 318 **Agency Sponsor:** USFWS

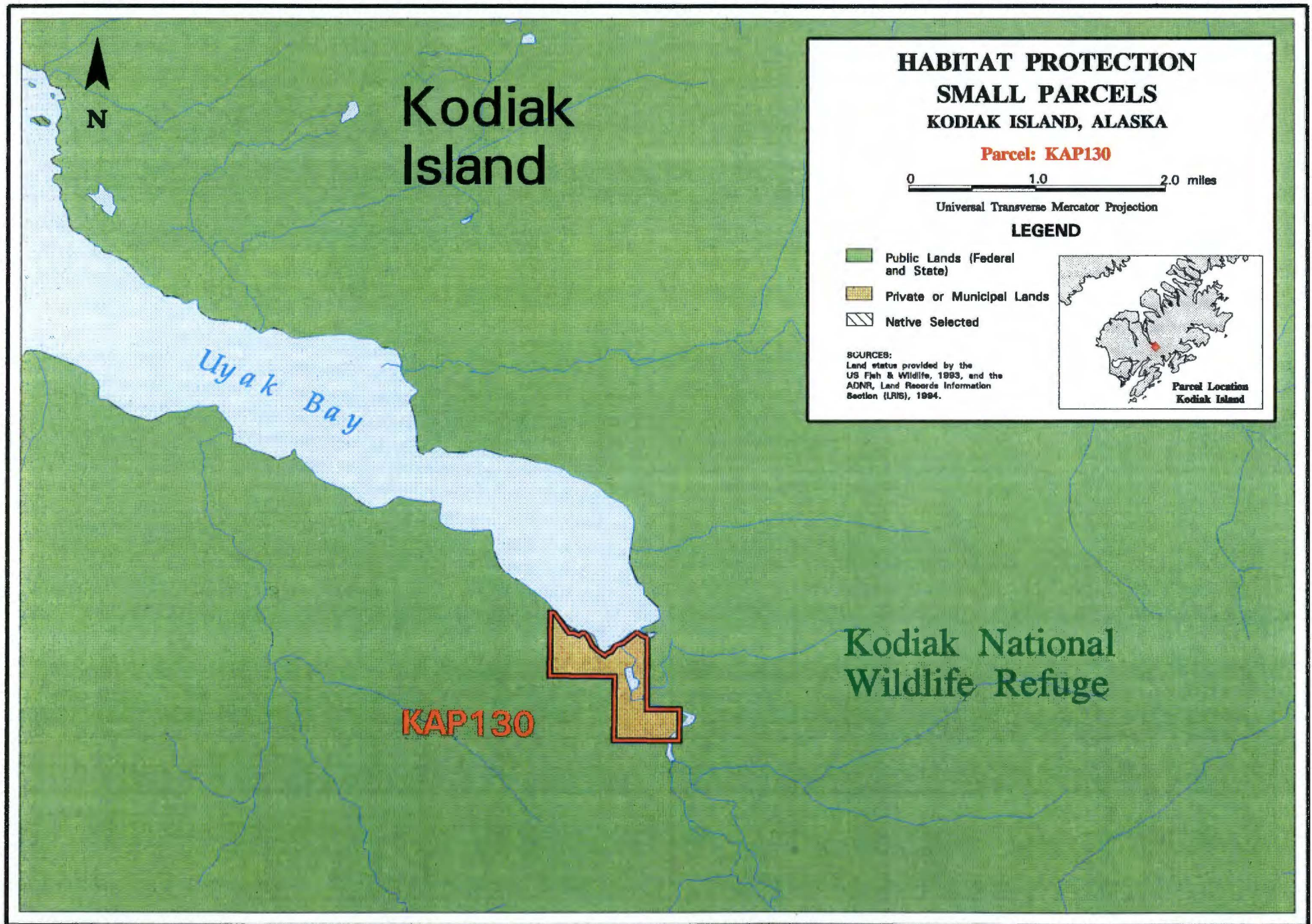
Location: T33S, R27W, Sec. 31 and T34S, R27W, Sec. 6,
Seward Meridian.

Landowner: H. Dodge, Eklund, Povelite, Truitt

Address: Box 8800
Kodiak, Alaska 99615

KAP130 is 318 acres in size and is located at the head of Uyak Bay on the west side of Kodiak Island. The parcel has approximately 0.5 mile of shoreline on Uyak Bay, and Uyak River runs through a portion of the parcel. The area is a low coastal plain with the Uyak River corridor forested with cottonwoods and the adjacent uplands vegetated with shrubs and grasses. The Uyak River provides key spawning habitat for pink, coho, and chum salmon, and Dolly Varden. Several eagles nest on the parcel and also feed along the Uyak River and the adjacent intertidal area. The productive intertidal area with exposed mudflats and tidal pools supports a diverse assemblage of aquatic vegetation and large numbers of marine birds. The head of the bay is extremely important because it provides a sheltered overwintering area for marine birds. The Uyak River area is key habitat for the Kodiak Brown bear during the spring and summer months. The salmon runs provide an abundant food supply for the bears and tend to concentrate them in this relatively isolated area.

The parcel also provides subsistence resources for the village residents of Larsen Bay and Karluk. Residents harvest marine mammals and fish, salmon and deer. The parcel and surrounding lands possess high wilderness qualities and are in their natural condition without permanent improvements or human habitation. The parcel is the only private inholding at the head of the Uyak Bay and is within the Kodiak National Wildlife Refuge's proposed Ayakulik/Uyak wilderness unit. The parcel has strategic value because development of the parcel could diminish the wilderness qualities of the parcel as well as the surrounding refuge lands. Acquisition of the parcel would preserve the wilderness qualities of the area while providing access for primitive recreational activities.



Parcel ID: KAP 145
Termination Point

Rank: Moderate **Acreage:** 1,028 **Agency Sponsor:** ADNR

Location: T27S, R20W, Sec. 6, 7, 8, & 18, Seward Meridian
Monashka Bay, Northeast coast of Kodiak Island.

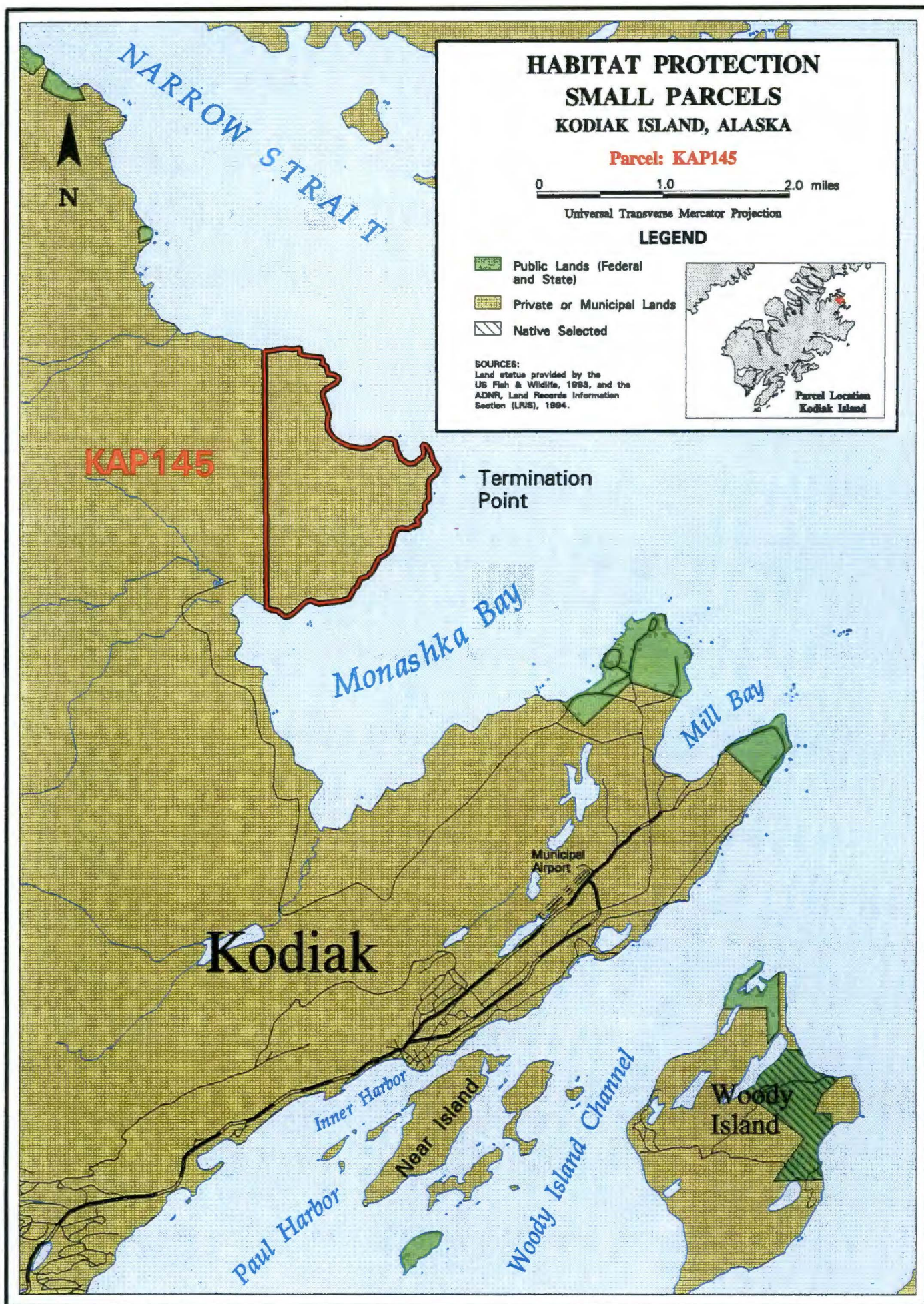
Landowner: Leisnoi Inc. (Surface estate)

Address: Box 1186
Kodiak, Alaska 99615

KAP145 is 1,028 acres in size and is located on Monashka Bay on the northeast coast of Kodiak Island approximately 12 miles from the town of Kodiak. This relatively flat coastal tract is forested with Sitka spruce and has a understory of shrubs and grasses. The parcel's four miles of convoluted shoreline is characterized by rocky cliffs and protected beaches. There are numerous nearshore rocks and extensive kelp beds present along the coastline. The productive intertidal area and the adjacent Narrow Strait are important feeding areas for marbled murrelets and pigeon guillemots as well as other marine birds. Three cultural resource sites containing middens and barabara depressions (remnant house pits) are located on the parcel. The parcel also provides subsistence resources for the village residents of Ouzinkie. Residents harvest marine mammals and fish, salmon and deer.

The parcel possesses high recreational qualities for the residents of Kodiak and is used by the public on a regular basis. The parcel is unique because it provides for a variety of year-round recreational opportunities such as hiking, fishing, hunting, ice skating, camping, and bird watching, and is accessible by the Kodiak road system.

The continued use of this parcel for recreation and the quality of recreational use are potentially at risk because of potential commercial timber harvest and/or subdivision of the parcel. Acquisition of the parcel would ensure the continued recreational use of the area by residents of Kodiak and has the support of the local populace as well as the Kodiak Island Borough. Acquisition of the parcel could also facilitate enhancement of recreational services by developing and maintaining trails, constructing parking areas and other access points.



Parcel ID: KAP 150
Karluk

Rank: Moderate **Acreage:** 5 **Agency Sponsor:** ADF&G/ADNR

Location: T30S, R32W, Section 23, Seward Meridian.
Karluk River, Kodiak AK.

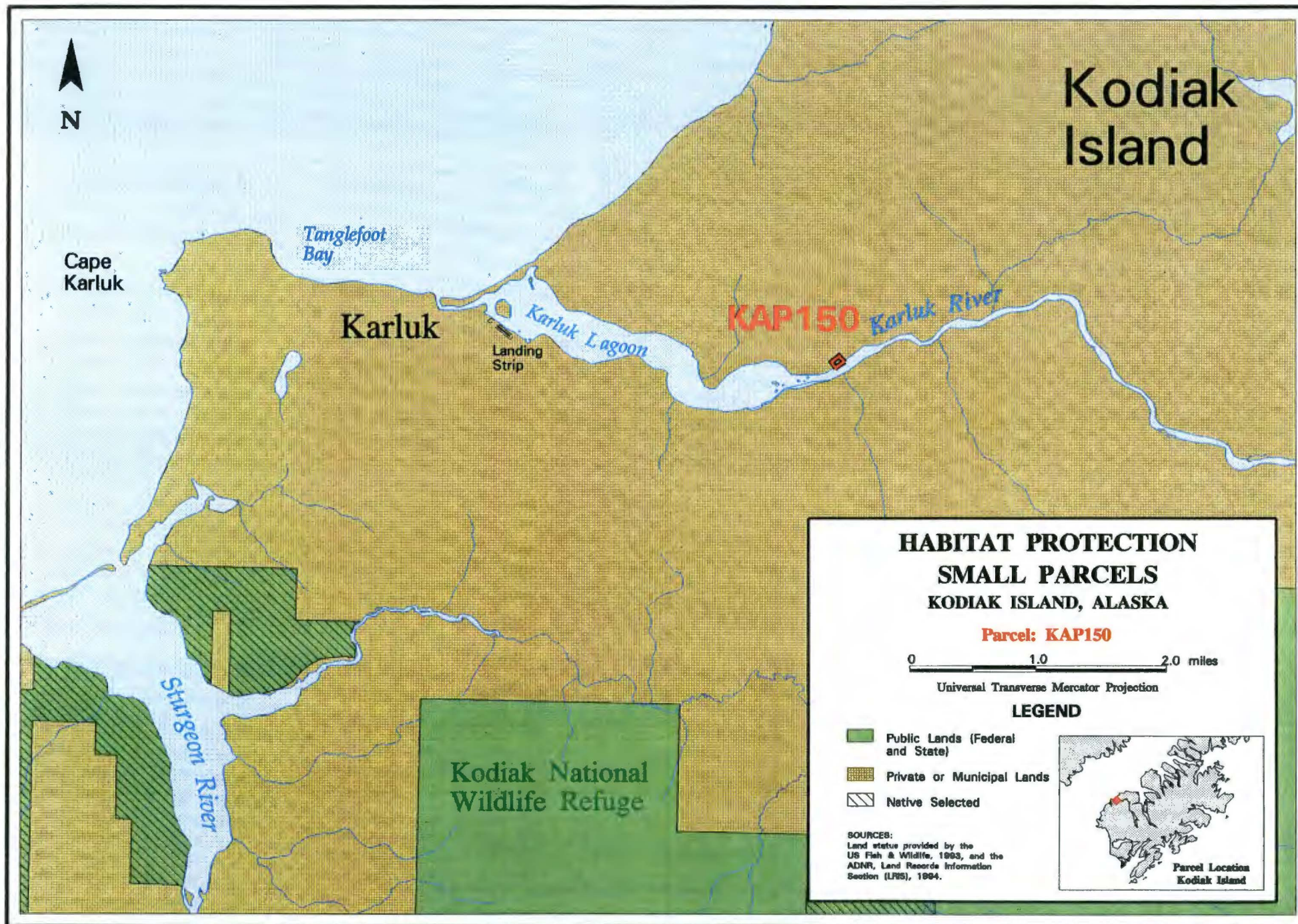
Landowner: Karluk IRA Council

Address: P.O. Box 22
Karluk, AK 99608

Located on the west side of Kodiak Island, the Karluk River drainage is the single largest salmon system in the Kodiak Island group. Subsistence fishermen dependant on Karluk resources include Karluk Village and Larson Bay Village (population 74 and 144, respectively); major commercial and sport fisheries are also supported by Karluk salmon stocks. Wildlife reliance on Karluk fish include 160-170 brown bears (USFWS 1994), and numerous eagles, river otter, and fox. Annually, Karluk River produces about 1.5 million sockeye, 1.3 million pink, 50 thousand coho, and 15 thousand chinook salmon.

The subject parcel provides key habitats for pink and sockeye salmon, Dolly Varden, river otter, recreation/tourism and subsistence.

Currently, ADF&G leases about 3.5 acres of this 5 acre parcel on the lower Karluk River annually for the counting of adult salmon and steelhead trout and the sampling of salmon smolts and adults. All fisheries including subsistence, sport, and commercial fisheries are regulated for meeting escapement requirements; therefore timely and accurate escapement count data are needed to ensure that Karluk fisheries resources are protected, along with wildlife populations that are dependant upon those resources. Fisheries that are managed using information obtained from the Karluk weir extend from Malina Bay on Afognak Island to as far south as Sturgeon Head on Kodiak Island. The lack of a permanent, guaranteed weir site on the Karluk River complicates and potentially threatens the management of Karluk salmon and trout stocks.



Parcel ID: KAP 226
Karluk River Lagoon

Rank: Moderate **Acreage:** 21.5 **Agency Sponsor:** ADF&G/ADNR

Location: USS 362 - Tracts A-D, Karluk River Lagoon, Alaska
T 30 N, R32 W, Sec 22, Seward Meridian.

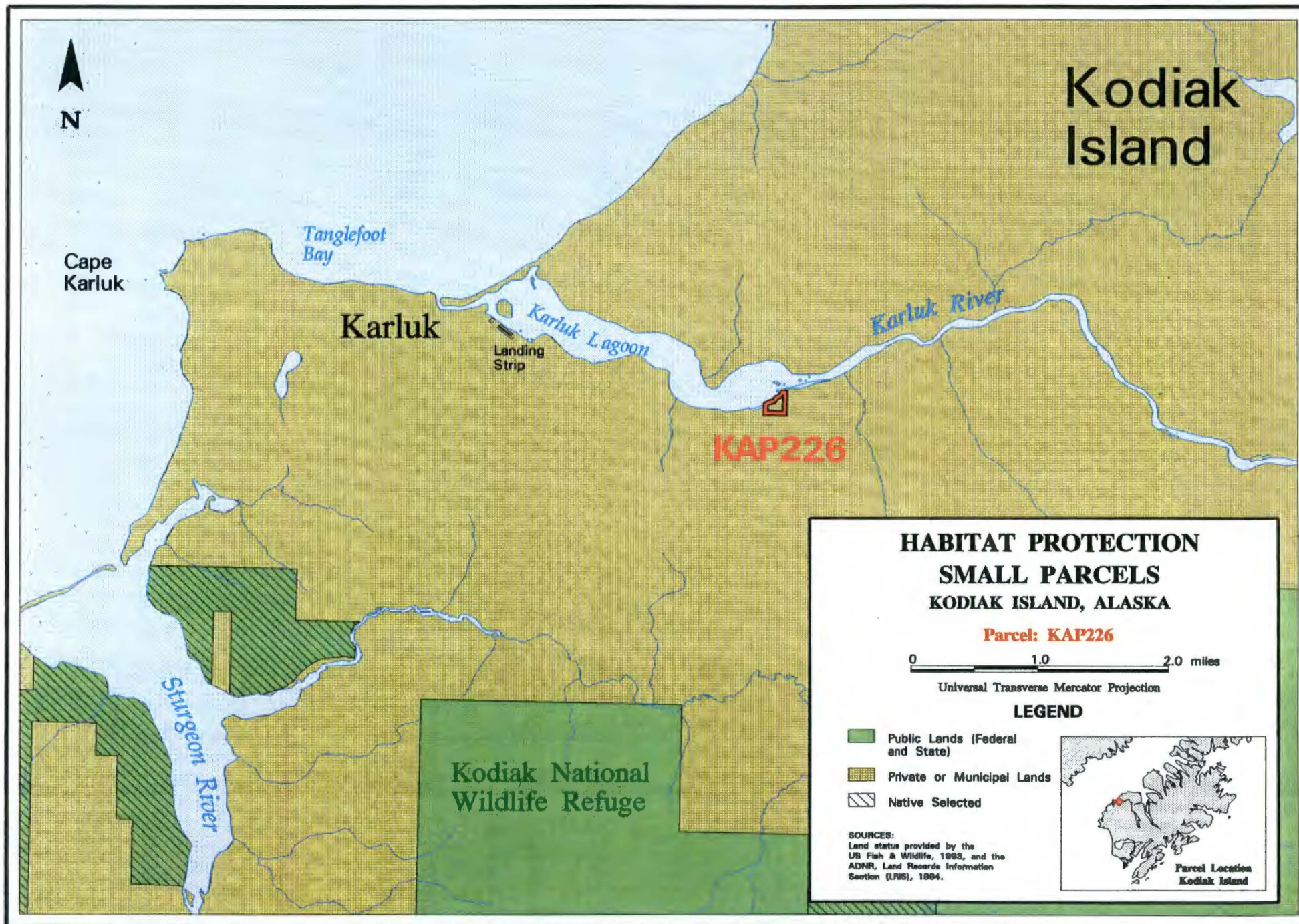
Landowner: Reed Stoops, Ayakulik Associates

Address: 240 Main Street, Suite 600
Juneau, Alaska 99801

The lands included in this parcel provide important public access and recreational service values. Recreationists floating the Karluk River use the lower river and lagoon as pick up points by air taxi operators. Recently, Karluk Village, the major landowner surrounding the lagoon, has posted the area to prevent further use of their lands. If public access restrictions are enforced, future use of the river for sportfishing could be significantly affected. The Karluk River is world renown for its highly productive fishery resources including chinook, sockeye, pink, chum and coho salmon, Dolly Varden and steelhead. Recreational use and interest in this world-class fishing stream is high and increasing annually.

In addition to recreation, this parcel provides restoration benefits for sockeye salmon that rear in Karluk River lagoon, and cultural resource benefits based on archeological evidence of a remnant house pit on the parcel.

Acquisition of the parcel would ensure continued recreational use of the Karluk River. Resource agency management could also provide improvements that protect fish habitat and cultural resources, while enhancing recreational use.



Parcel ID: KEN 1001
Deep Creek

Rank: High **Acreage:** 91 **Agency Sponsor:** ADNR

Location: T2S, R14W, Section 4, Adjacent to Deep Creek State
Recreation Area

Landowner: Nanilchik Native Association

Address: 703 West Tudor, Suite #101
Anchorage, AK 99503

This parcel is located immediately adjacent to the State of Alaska, Deep Creek State Recreation Area. The parcel contains an RV parking lot, a half mile of frontage on Cook Inlet, and road access from the Sterling Highway (Access easement ADL 204189). The adjacent state park enjoys heavy public use for camping, picnicking, boat launching, halibut and salmon fishing and razor clam harvest.

The primary restoration benefit of acquisition of this parcel would be to enhance public recreation in the area. If acquired, ADNR, Division of Parks and Outdoor Recreation would manage the parcel in a manner compatible with management of the adjacent State Recreation Area.




**HABITAT PROTECTION
SMALL PARCELS
KENAI PENINSULA, ALASKA**

Parcel: KEN1001

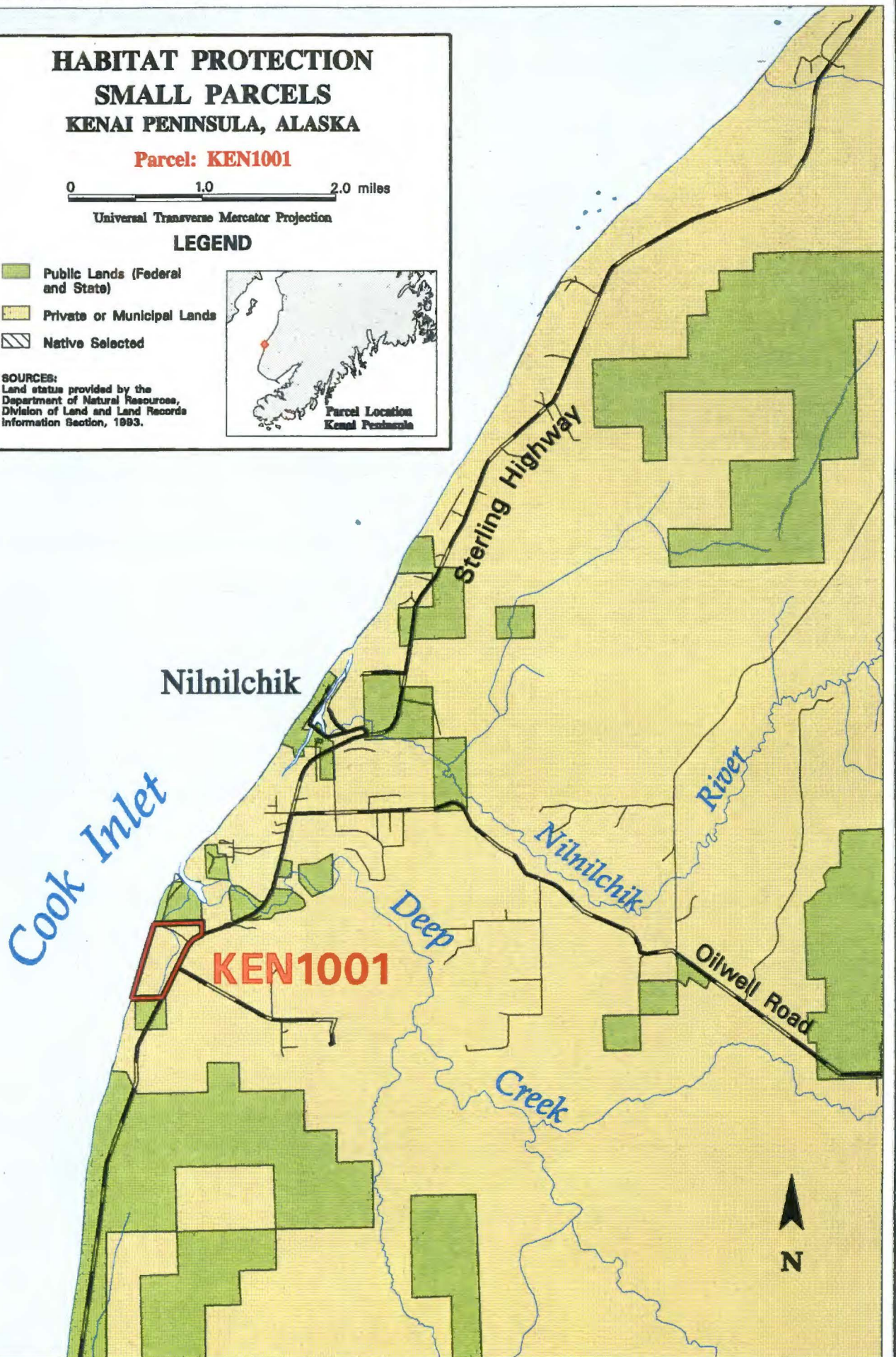
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Universal Transverse Mercator Projection

LEGEND

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



Parcel ID: KEN 1004
Stephanka Tract

Rank: High **Acreage:** 803 **Agency Sponsor:** USFWS

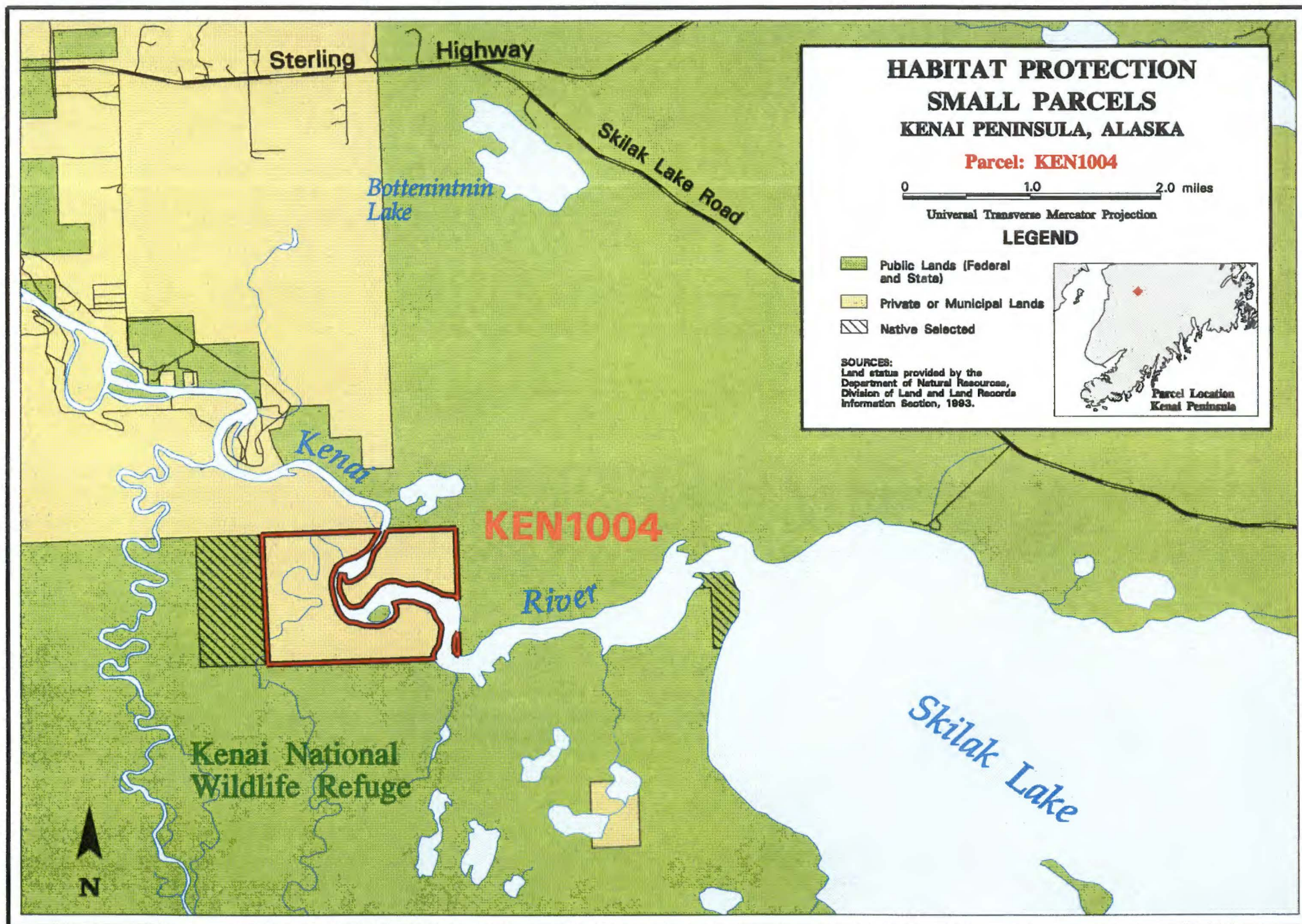
Location: T4N, R8W, Section 1 and E 1/2 Section 2, S.M., located one mile below the outlet of Skilak Lake on the Kenai River

Landowner: Kenai Natives Association, Inc.

Address: 215 Fidalgo, #203
Kenai, AK 99503

The parcel is 803 acres in size and is located on the Kenai River approximately one mile below the outlet of Skilak Lake. Intermediate to mature spruce forest cover the parcel and wetlands are interspersed throughout. The section of the river adjacent to the parcel is extremely important for anadromous fish species. Pink salmon and Dolly Varden spawn in this section of the Kenai River. Although there are no known nesting bald eagles on the parcel, this section of the Kenai River is a key feeding area for bald eagles during the fall and winter. Large numbers of bald eagles concentrate in this area to feed on the late run of silver salmon. The parcel also has significant cultural resource value. Numerous archeological sites, including the Stephanka Village site are located on the parcel.

The parcel possesses high recreational qualities. Acquisition would allow for improved public access to the river and the adjacent wilderness area. The parcel and the surrounding Kenai National Wildlife Refuge lands possess high wilderness qualities and are within the refuge's designated wilderness area. The area is in its natural condition without permanent improvements or human inhabitation. The parcel has strategic value because development of the parcel could diminish the wilderness qualities of the parcel as well as the surrounding refuge lands. Acquisition of the parcel would preserve the wilderness qualities of the area while providing access for primitive recreational activities.



**PARCEL ID: KEN 12
BAYCREST**

Rank: PMSC **Acreage:** 90 **Agency Sponsor:** ADNR

Location: Township 6S, Range 14W, Section 23
Located below the Baycrest Hill west of Homer with approximately three-quarters of a mile of Kachemak Bay frontage. There is road access to the east side of this parcel from the Sterling Highway.

Landowner: Michael Bullock (Agent)

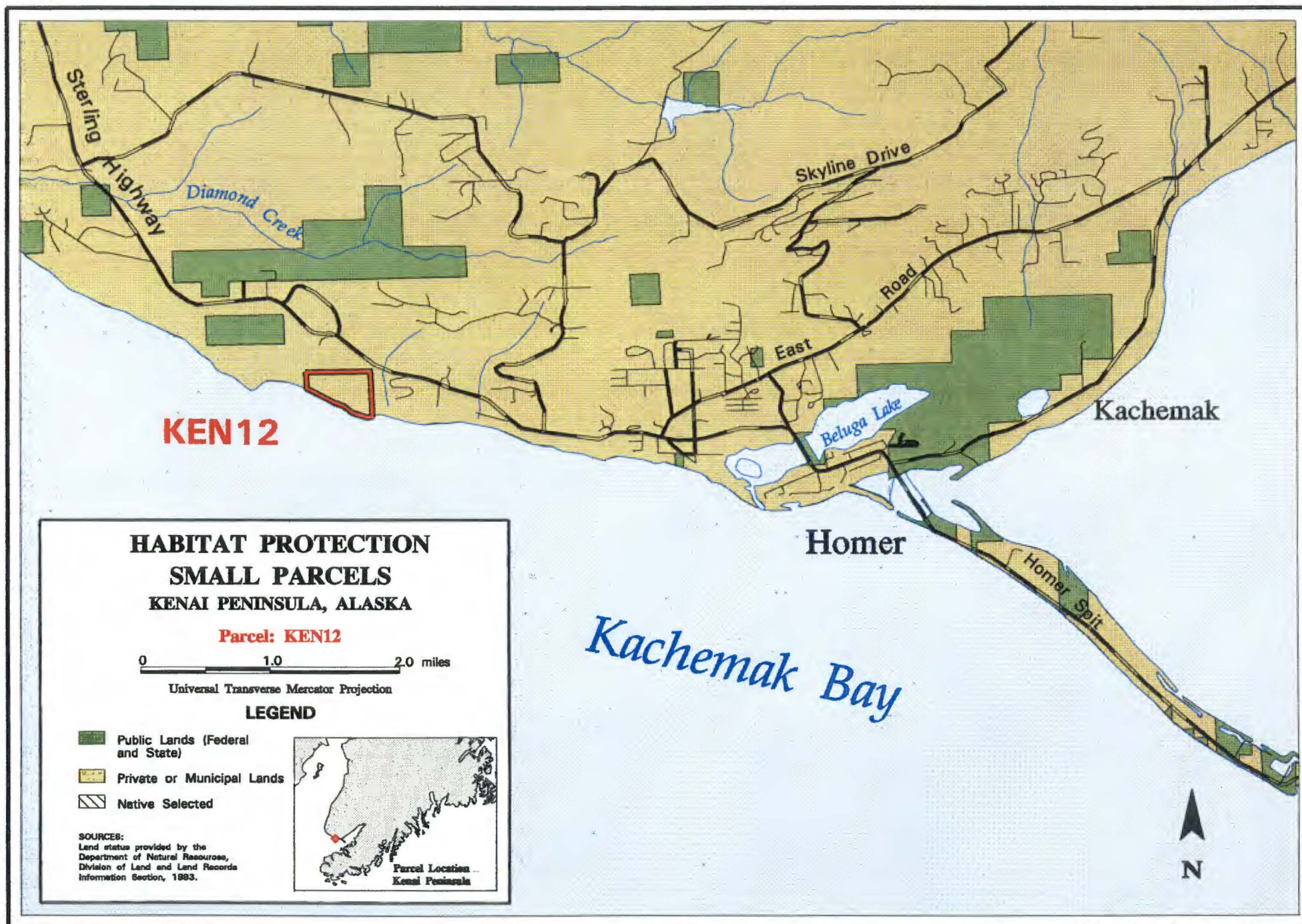
Address: Baycrest Investment Corp.
725 Market Street
Wilmington, DE 19801

This parcel known as the "Baycrest Parcel" is adjacent to the "Overlook Parcel" on the west and upland of approximately three-quarters of a mile of Kachemak Bay shoreline. It contains an extensive tidal pool area that is unique to the area and accessible from the road system. Field reports from local experts indicate a high diversity of invertebrates and marine algae within the rocky intertidal and tide pool habitats. The uplands contain a mixed association of spruce, birch, cottonwood, open meadows, ponds and bogs. These uplands are utilized by a diverse variety of birds and mammals including moose and bear. There are no structures on this site. There is a pioneer road to the beach.

The area is popular with local community groups, including public schools and natural history study groups, for environmental education field trips, bird watching and specimen collecting.

The current owners have platted a subdivision with 30 lots and a road on this parcel. They have acquired a US Army Corps of Engineers permit (COE Permit # 4-910171, Kachemak Bay 148) for placement of fill into wetlands on this site for construction of a road and driveways for the platted lots. In addition, the Alaska Division of Governmental Coordination has certified that the project is consistent with the Alaska Coastal Management Program.

This parcel is a logical addition to the Overlook parcel (KEN 55). Its' natural systems are contiguous with those of the latter and could be managed in a similar way. Acquisition of this parcel could facilitate access to KEN 55 and to the intertidal zone of both parcels.



Parcel ID: KEN 29
Tulin Parcel

Rank: PMSC **Acreage:** 220 **Agency Sponsor:** ADNR

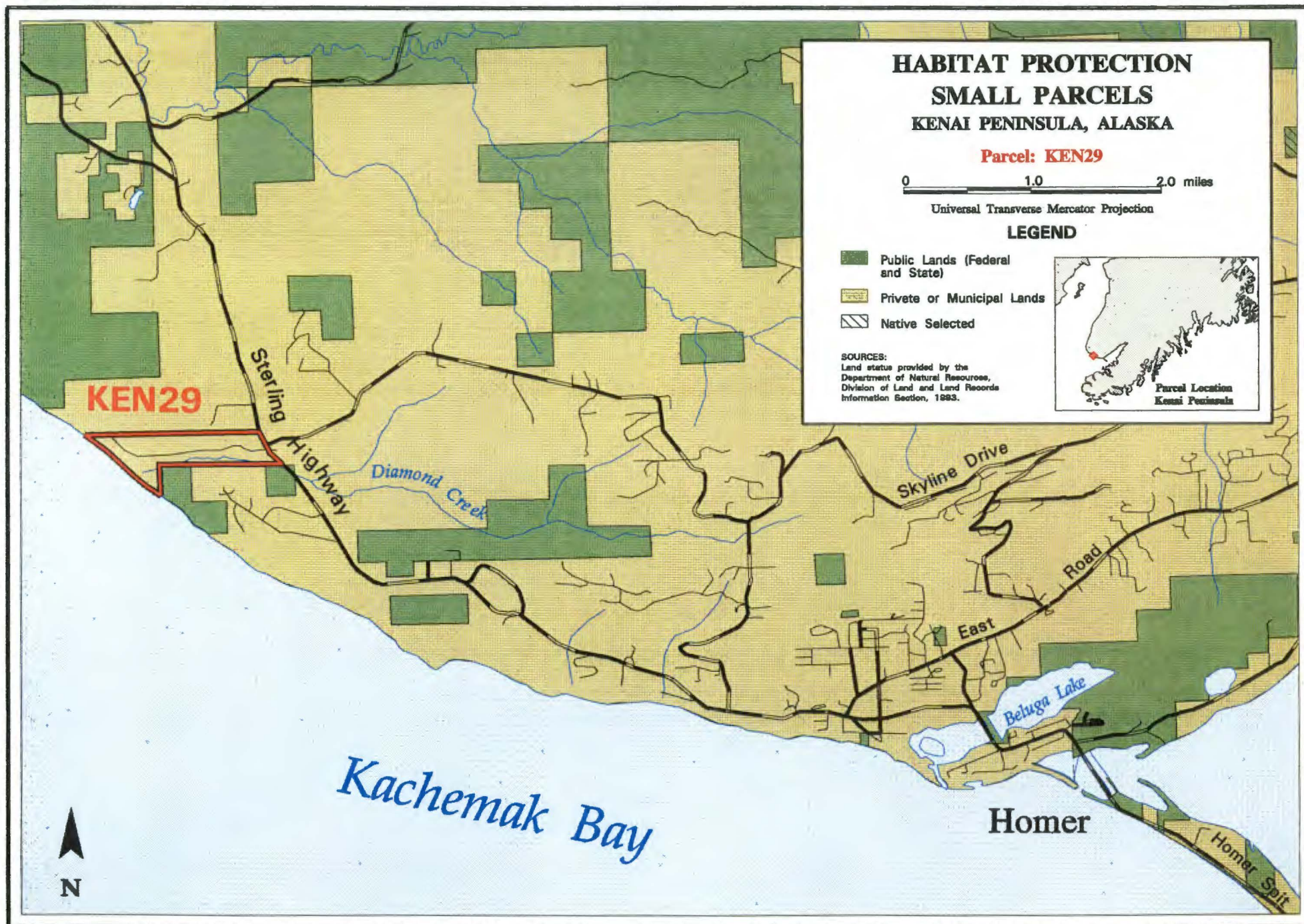
Location: Township 6S, Range 14W, Section 8 & 9.
Located between the Sterling Highway and Cook Inlet with approximately three-quarters of a mile of ocean frontage. There is road access to this parcel from the Sterling Highway.

Landowner: Charles E. And Helen L. Tulin

Address: 1422 K Street
Anchorage, AK 99501

This 220 acre parcel runs for approximately 1.4 miles from the Sterling Highway west to Cook Inlet where it fronts the shoreline for 3580 feet. Most of the rest of the parcel, which contains and runs parallel to Diamond Creek (non-anadromous), averages 1320 feet in width (~ 1/4 mile). The adjacent property to the south is a large tract of state-owned land that does not have road access to the Sterling Highway. The parcel is dominated by a mixed spruce and birch forest association. The only development on-site is an unpaved road that runs from the highway through the property, down the bluff, and on to the beach.

The primary restoration benefit derived from acquisition of this parcel is enhancement of recreation. The large, wooded parcel situated on the bluff overlooking the inlet would make an excellent public campground. The road would provide strategic public access to a large section of beach that is currently inaccessible. The site is large enough to accommodate a good-sized campground with spectacular views of the Inlet and Kachemak Bay; potable water would probably be available from on-site wells; and a small boat launching facility could probably be built on the beach.



Parcel ID: KAP 22
The Triplets

Rank: PMSC **Acreage:** 60 **Agency Sponsor:** USFWS

Location: Marmot Bay, 4 miles north of Kodiak Island
T25S R25W Sec 23 & 26, Seward Meridian

Landowner: Ouzinkie Native Corporation

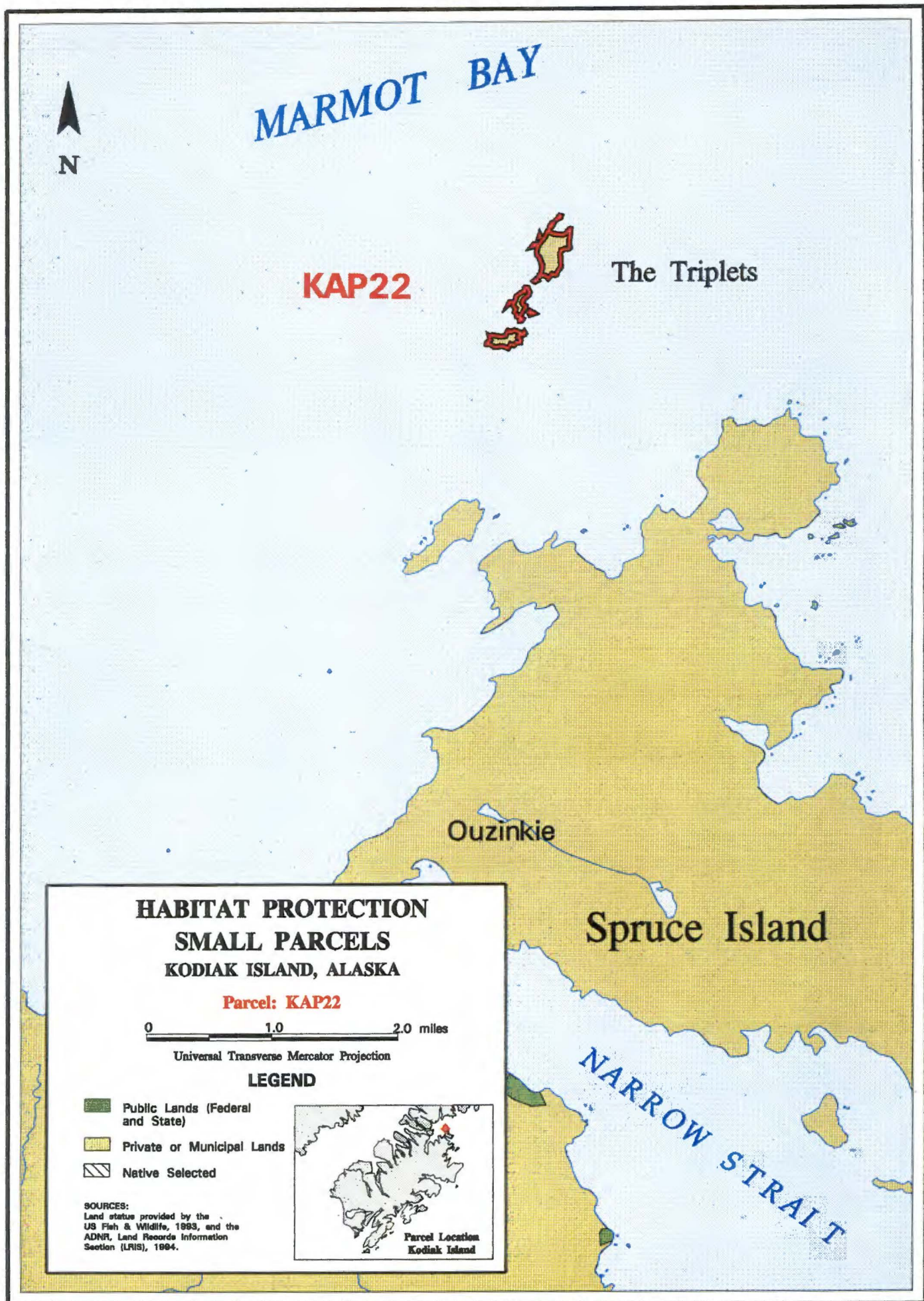
Address: Box 89
Ouzinkie, AK 99644

The "Triplets" (Taliudek Island, "Middle Island", and "South Island") comprise the largest seabird colony in the Kodiak Archipelago. Acquisition of this island group and inclusion in the Alaska Maritime National Wildlife Refuge will increase protection of breeding habitat for several seabird populations impacted by the oil spill. Colony sites on the three islands provide breeding habitat for a total of more than 100,000 seabirds. As many as 1400 common murres nest annually along the cliffs of all three islands. This is one of the few large or small parcels submitted that would have direct restoration benefit for murres.

The Triplets provide important habitat for a variety of seabirds less affected by the oil spill. An estimated 67,000 tufted puffins, 38,000 fork-tailed and 900 Leach's storm-petrels breed there. Cormorants and Glaucous-winged gulls are also known to nest on the islands.

Subsistence use of the islands is limited to a few annual trips by Ouzinkie residents to gather gull eggs. However, the Triplets are popular with local boaters from Kodiak who approach the islands to observe the nesting seabirds. Beach landings on all three islands are limited to small craft and dictated by wind direction and one's willingness to climb steep slopes.

Acquisition of these islands will ensure access for research, monitoring and restoration purposes. The intentional or accidental introduction of predators to these islands would devastate many of the seabird colonies. Preventing or dealing with predator introductions would be a great benefit derived from this acquisition.



PARCEL ID: KAP 220
Mouth of Ayakulik River

Rank: PMSC **Acreage:** 56 **Agency Sponsor:** ADF&G

Location: Mouth of Ayakulik River, USMS 247, lots 1-6, Tract A

Landowner: Ayakulik Associates c/o Reed Stoops

Address: 240 Main Street, Suite 600
Juneau, Alaska 99801

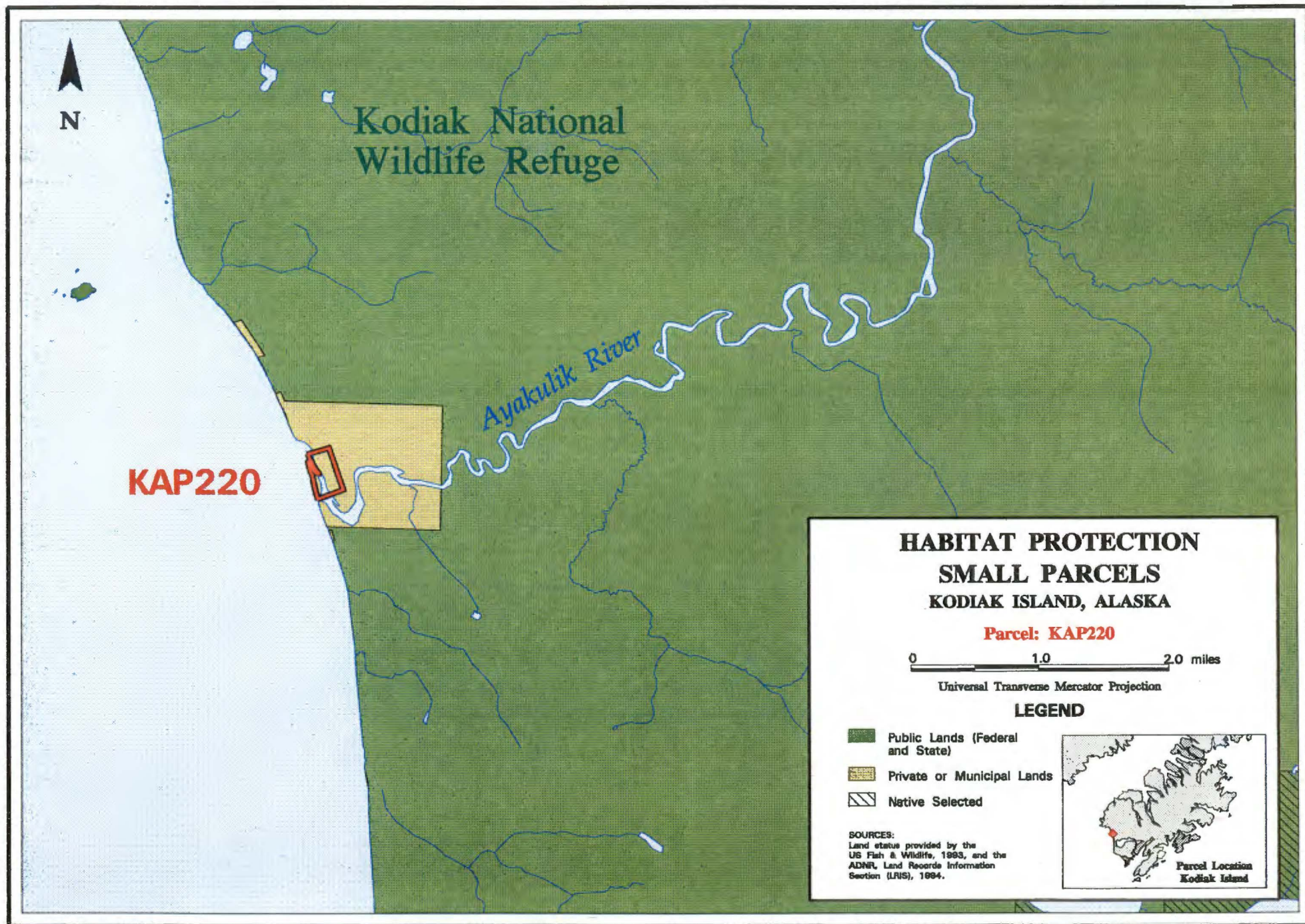
This 56 acre parcel is composed of six lots and an adjacent tract at the mouth of the Ayakulik River, in western Kodiak. The Ayakulik River is second only to the Karluk River in the Kodiak Island group for sockeye and chinook salmon production potential. The average annual run size for the Ayakulik system is roughly 0.9 million sockeye, 0.6 million pink, 50 thousand coho, and 10 thousand chinook salmon.

The Ayakulik is an exceptional sportfishing stream supporting hundreds of anglers each summer. Recreationists either float the river or fish at the mouth. Access is difficult and occurs mainly by wheeled planes landing on the beach at low tide. Recreationists trespass through the subject parcel to get to the river or depart via the beach.

The Alaska Department of Fish and Game maintains a weir on the Ayakulik that is essential for managing western Kodiak commercial fisheries. The weir is situated approximately 1/4 mile upstream and is connected to the parcel by an ANCSA 17b easement. The Ayakulik Village Corporation, owners of the land surrounding the weir site, have proposed a prohibitive increase in fees for continued use of the site.

Acquisition of this parcel would accomplish two objectives: 1) ensure continued operation of the weir by relocating support facilities to the acquired parcel, maintaining access to the weir along the existing 17b easement; and 2) provide legal access to the beach so that recreationists can continue to sportfish, float the river and camp while waiting to be picked up by air taxi operators.

The exceptional management and recreational qualities associated with this parcel warrant special consideration.



Parcel ID: KAP 105 & KAP 142
Three Saints Bay

Rank: PMSC **Acreage:** 48&40 **Agency Sponsor:** USFWS

Location: Three Saints Bay, Kodiak Island
T35S R27W Sec 10 & 11, Seward Meridian

Landowner: Annie Pestrikoff
Barbara Boskofsky (Heir to Ray Kelly Sr.)

Address: Annie Pestrikoff
P.O. Box 93
Old Harbor, AK 99643

Barbara Boskofsky
P.O. Box 5
Ouzinkie, AK 99644

Three Saints Bay is recognized as one of the most scenic bays on the Kodiak Archipelago and as an important historic location. The site of the first Russian settlement in Alaska is located within the entrance to the bay. Steep mountains rise directly from the saltwater and create a dramatic backdrop. The upper reaches of the bay, where the parcels are located, are particularly noteworthy.

These two parcels are being combined into one proposal because they adjoin each other and are surrounded by refuge land. The nearest private parcel in the bay is three miles to the east. The parcels possess high wilderness qualities and are in their natural condition without permanent improvements or human habitation. The area of Three Saints Bay where the parcels are located was included within the Kodiak National Wildlife Refuge's proposed Ayakulik/Uyak wilderness unit.

All accessible shorelines and the nearshore waters are used for subsistence purposes primarily by residents of Old Harbor. Residents harvest marine mammals and fish, salmon and Sitka black-tailed deer on or adjacent to the parcels. A cultural resource site consisting of several barabara depressions (remnant house pits) is located immediately adjacent to these parcels. The area has not been fully explored and it is highly likely that additional cultural sites exist on the parcels themselves.

The steep topography of the upper bay leaves few sites where cabins and lodges could be built. These two Native allotment parcels are two of the most developable sites. Acquisition of these parcels would ensure that no development occurs in upper Three Saints Bay that is adverse to restoration purposes.

HABITAT PROTECTION SMALL PARCELS KODIAK ISLAND, ALASKA

Parcel: KAP105142

0 1.0 2.0 miles

Universal Transverse Mercator Projection

LEGEND

- Public Lands (Federal and State)
- Private or Municipal Lands
- Native Selected

SOURCES:
Land status provided by the
US Fish & Wildlife, 1993, and the
ADNR, Land Records Information
Section (LRIS), 1994.



Kodiak National
Wildlife Refuge

Three Saints Bay

KAP105142

Parcel ID: PWS 11
Horseshoe Bay

Rank: PMSC **Acreage:** 315 **Agency Sponsor:** ADNR

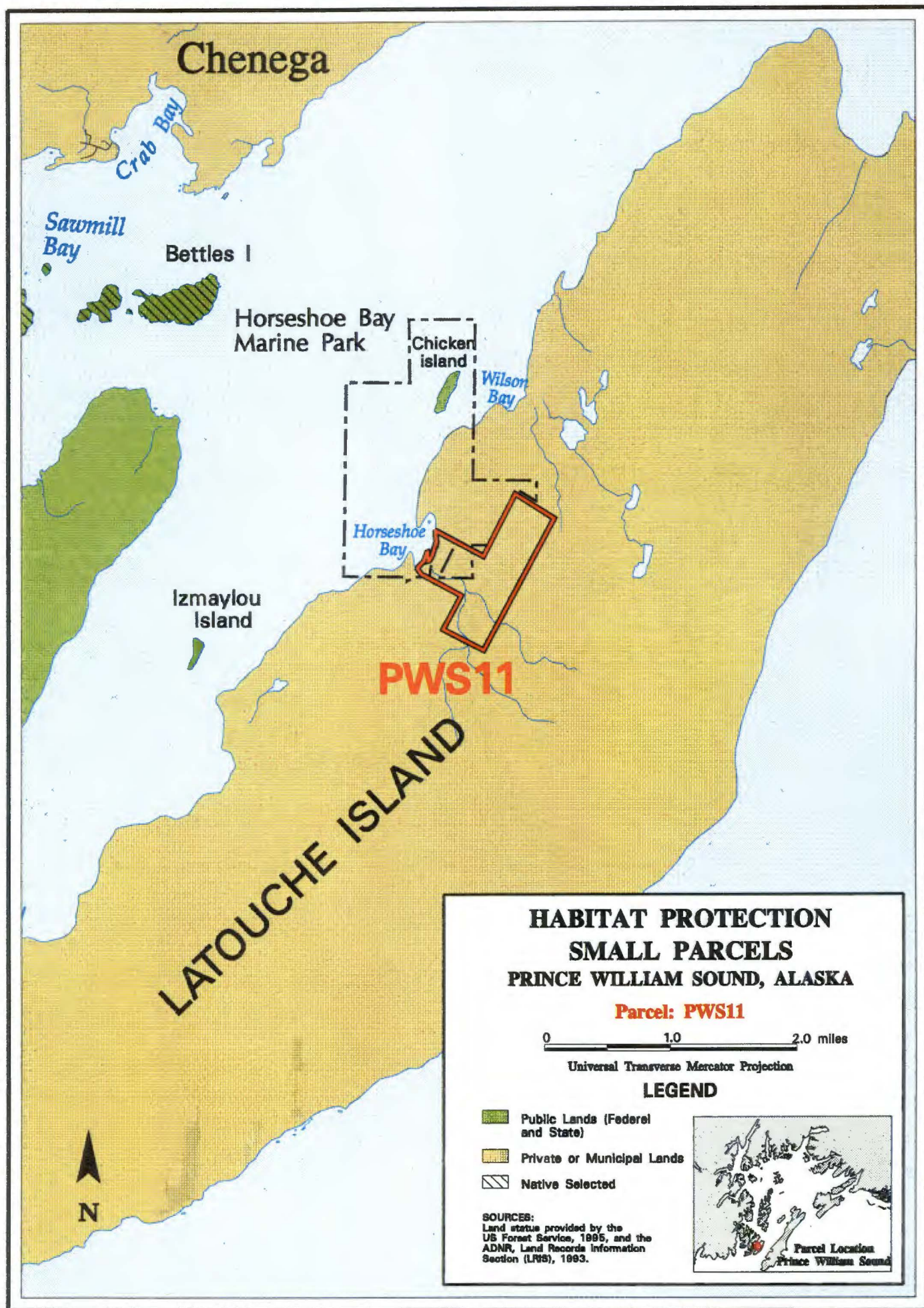
Location: T2S, R9E, Section 9.
Located on Horseshoe Bay, LaTouche Island.
Surrounded by Horseshoe Bay State Marine Park.

Landowner: Lucy W. Groh.

Address: 1576 Coffey Lane
Anchorage, AK 99501-4977

The parcel contains 1600 feet of Horseshoe Bay frontage and includes the mouth of an anadromous stream. The best anchorage in the bay is immediately adjacent to this parcel. Acquisition of this parcel would provide additional protection for pink salmon habitat and facilitate recreational access to the uplands and historic sites on LaTouche Island via existing trails.

Future development of the adjacent uplands, if not acquired, could result in user conflicts between the public and private property owners.



Parcel ID: PWS 1010
Jack Bay

Rank: PMSC **Acreage:** 942 **Agency Sponsor:** USFS/ADNR

Location: T10S, R8W, Section 2, Lot 7, Section 3, Lot 2, containing 198.64 acres more or less, and Section 4, Tract A, Section 9, Tract A, Section 10, North 1/2 Section 11, Tract A, containing 743 acres..

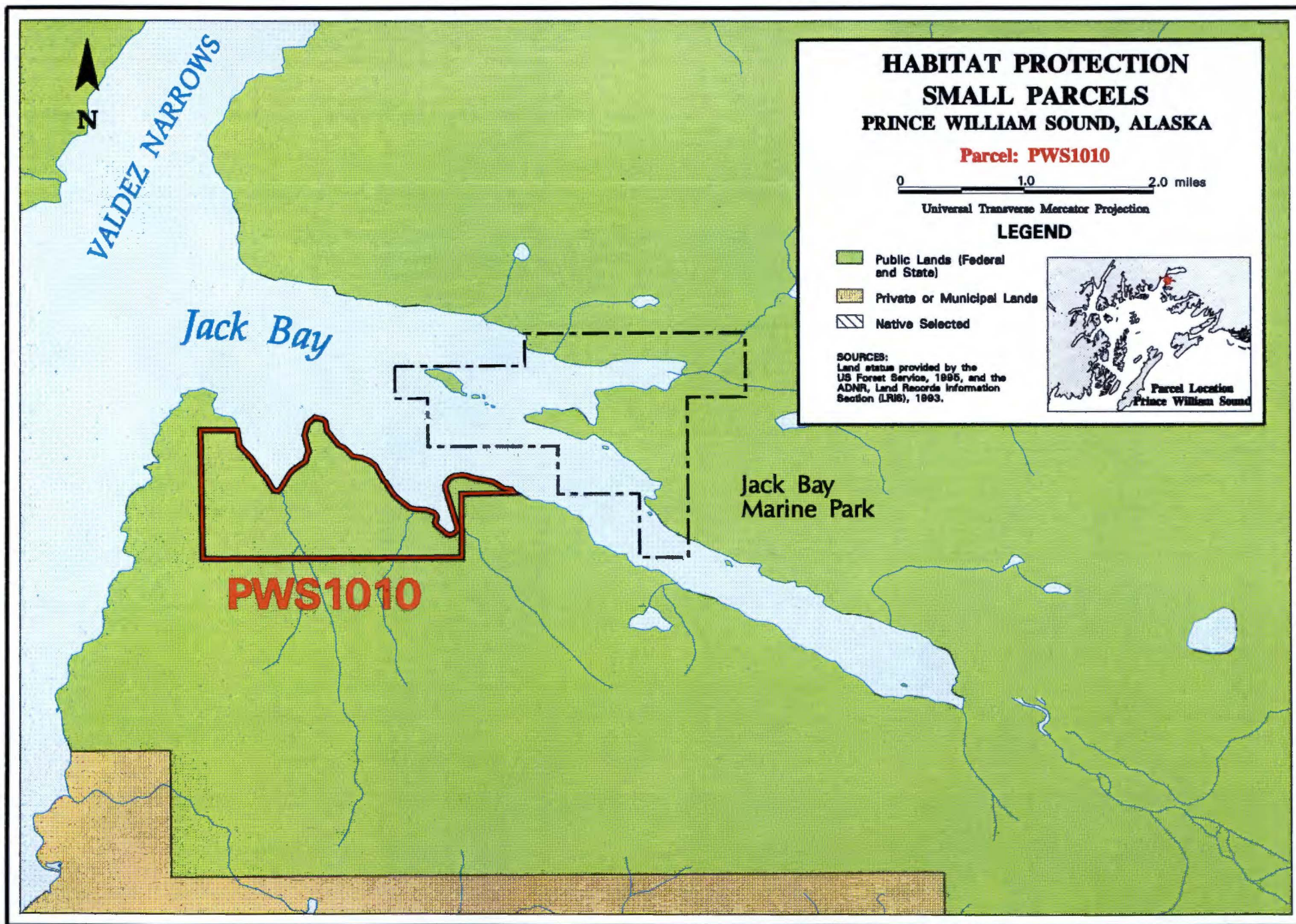
Landowner: University of Alaska

Address: 3890 University Drive
Anchorage, AK 99508

The Jack Bay parcel is located on the south shore of Jack Bay, Prince William Sound, 12 miles southwest of Valdez, Alaska. The parcel borders the Chugach National Forest along the southern boundary. The parcel is heavily forested and has two anadromous streams. The area is viewed by tourboat and the Alaska Marine Ferry passengers entering and leaving Port Valdez. There is an Alaska State Marine Park located across Jack Bay.

Acquisition of this parcel will benefit Pink salmon, Dolly Varden, intertidal/subtidal and recreation. The viewshed entering Port Valdez will also be protected from future development and logging. This parcel has unique characteristics which will provide for the restoration of injured resources and associated services.

Because of it's location there is potential for some recreational facilities development.



Parcel ID: PWS 1027
Fleming Spit

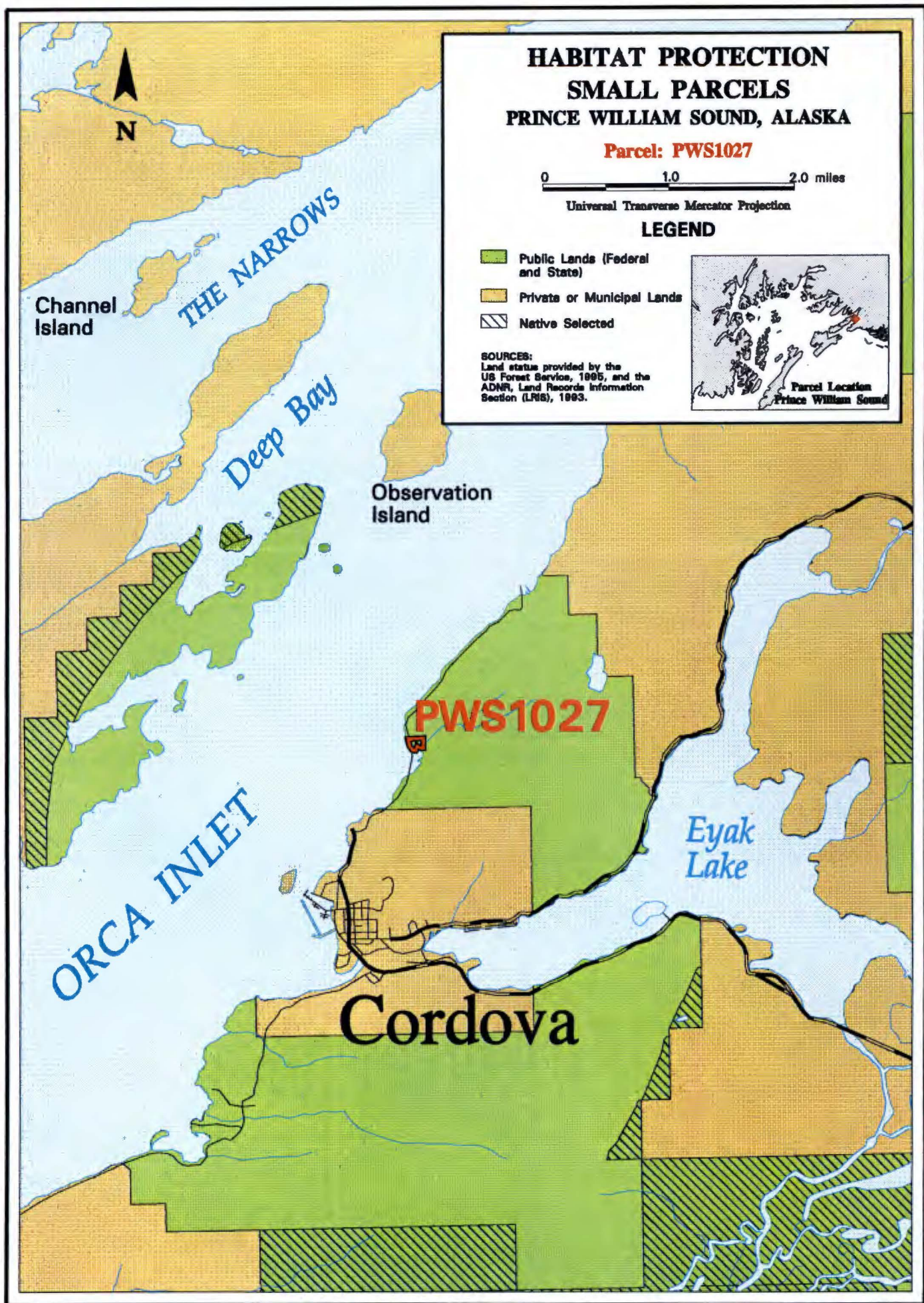
Rank: PMSC **Acreage:** 5.4 **Agency Sponsor:** ADNR

Location: T15S, R3W, Section 15, Orca Inlet, Cordova, AK
The property is located within the Cordova city limits, 1.4 miles north of the city center.

Landowner: Sealaska Corporation

Address: One Sealaska Plaza, Suite 400
Juneau, AK 99801-1276

Fleming Creek passes through and borders the property. The parcel fronts Orca Inlet for 500 feet. The parcel is the site of a terminal, coho salmon sport fishery. Acquisition of this parcel will facilitate enhancement of recreational fishing. Proposed improvements include the enlargement and deepening of smolt release ponds and boardwalk construction for sportfishing access.



Parcel ID: KEN 1005
Ninilchik

Rank: PMSC **Acreage:** 16 **Agency Sponsor:** ADNR

Location: T1S, R14W, Section 35.
10.38 acres lying south of and adjacent to the Ninilchik River;
5.76 acres lying north of the Ninilchik River, near the Sterling
Highway.

Landowner: Ninilchik Native Association Inc.

Address: 703 West Tudor, Suite 101
Anchorage, AK 99503

This parcel is located immediately adjacent to the Ninilchik State Recreation Area. Acquisition will enhance public access to public lands and eliminate existing trespass problems.

HABITAT PROTECTION SMALL PARCELS KENAI PENINSULA, ALASKA

Parcel: KEN1005

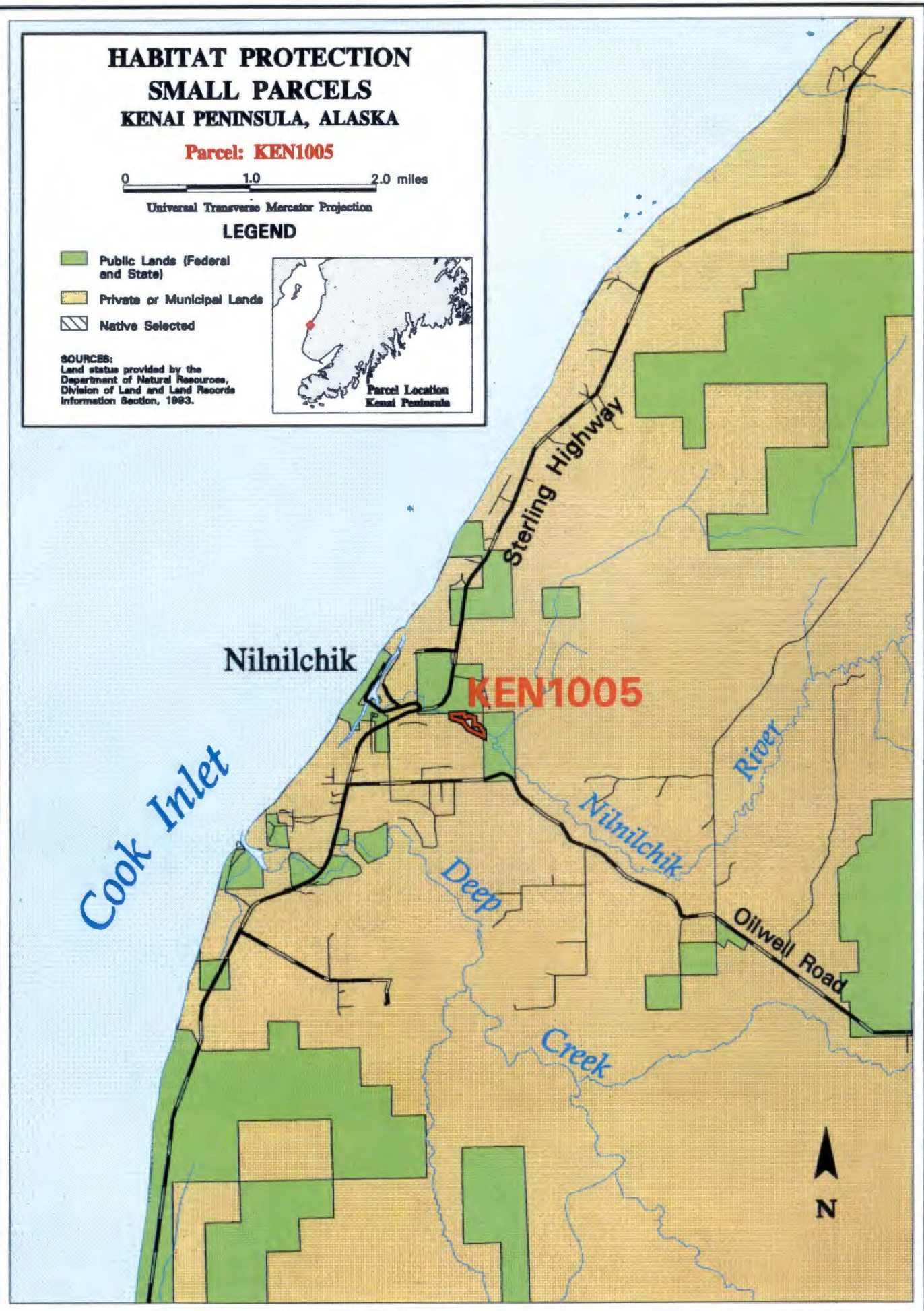
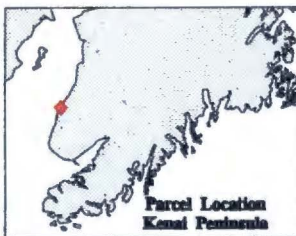
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Universal Transverse Mercator Projection

LEGEND

- Public Lands (Federal and State)
- Private or Municipal Lands
- Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



Parcel ID: KEN 1006
Girves Parcel

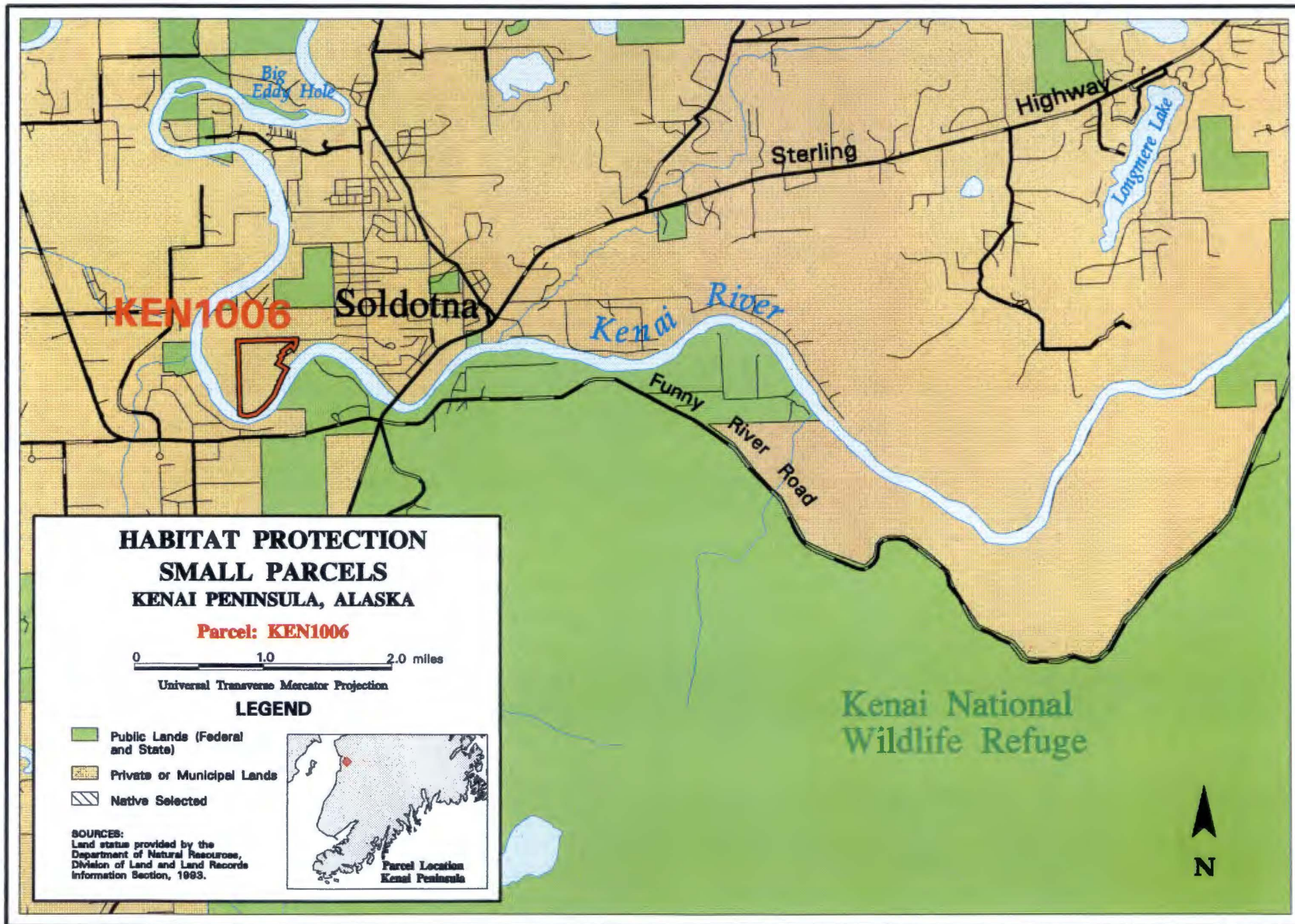
Rank: High **Acreage:** 110 **Agency Sponsor:** ADF&G

Location: T5N, R10W, Section 31
Near mile 19 of the Kenai River just outside the city of Soldotna
across from Centennial Campground and Slikok Creek State
Recreation Area.

Landowner: Irene H. Girves

Address: Box 327
Soldotna, AK 99669

The parcel provides key habitat for chinook salmon, coho salmon, pink salmon and Dolly Varden. High levels of trespass recreational use occur from sportfishermen who access the property by boat. Acquisition of the parcel would enhance recreation by providing additional public land for fishing and other recreational uses. At the same time, recreational amenities such as boardwalks and floating docks could be installed that would protect streambank vegetation that is important fish habitat.



Parcel ID: KEN 1009
Cooper Parcel

Rank: PMSC **Acreage:** 30 **Agency Sponsor:** ADF&G

Location: T2S, R14W, Section , Portions of Government Lots 1 & 2.
Located approximately two miles upstream of the mouth of the
Ninilchik River.

Landowner: David F. and Wanda R. Cooper

Address: P.O. Box 264
Palmer, AK 99645

The Ninilchik River flows through the middle of the parcel and most of the property is classified as riparian habitat. Acquisition of the parcel would protect this habitat that is important for salmon and other fish. Injured resources that would benefit from acquisition include pink salmon and Dolly Varden. Recreational sportfishing, which currently occurs in trespass on the parcel, would be protected and could possibly be enhanced by providing better access to the river.




**HABITAT PROTECTION
SMALL PARCELS
KENAI PENINSULA, ALASKA**

Parcel: KEN1009

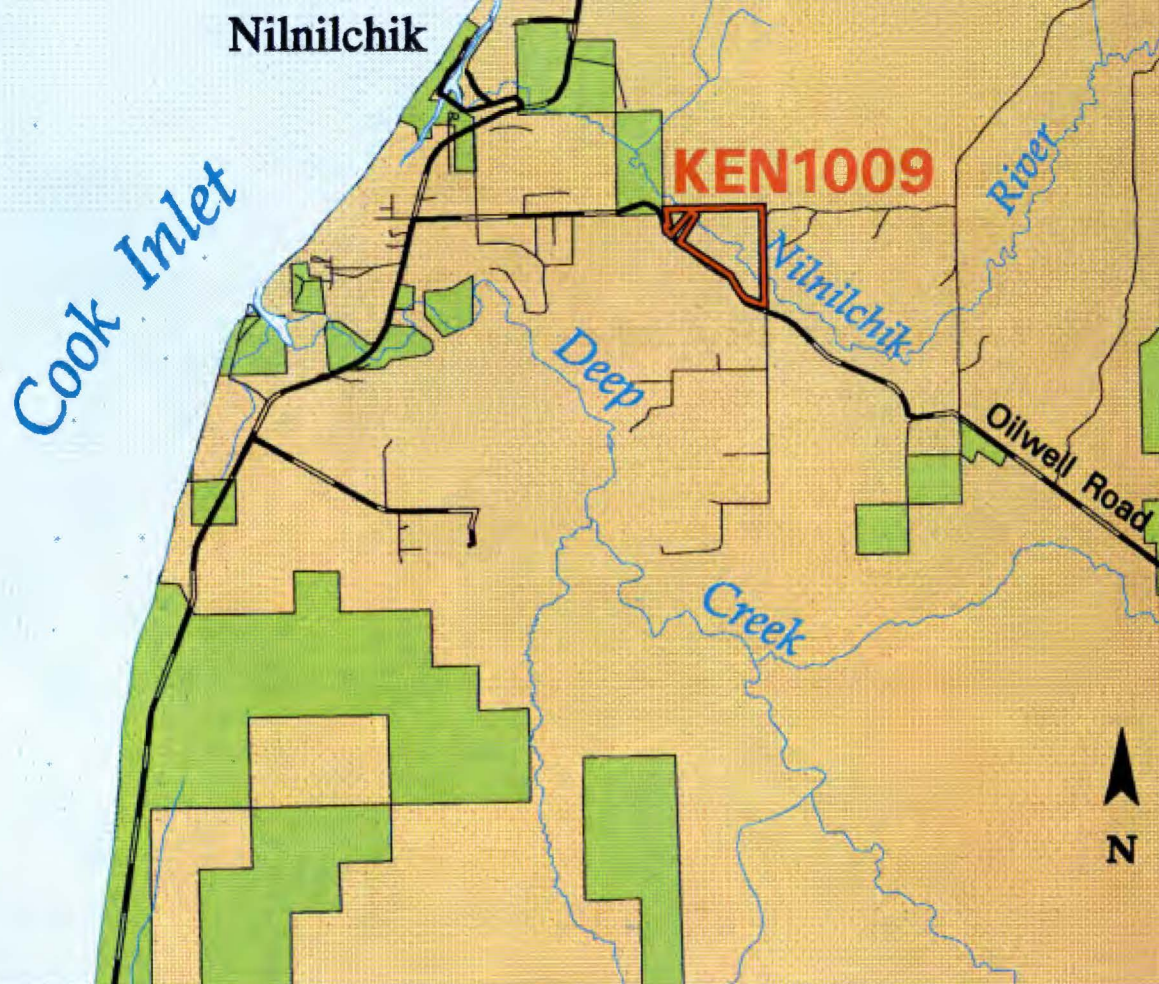
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Universal Transverse Mercator Projection

LEGEND

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



Parcel ID: KEN 1014
Grouse Lake

Rank: PMSC **Acreage:** 64 **Agency Sponsor:** USFS

Location: T1N, R1W, Section 1, SM.
Located 7.5 miles north of Seward on the Seward Highway, the parcel lies on the west shore of Grouse Lake.

Landowner: Jim McCracken (Agent)

Address: P.O. Box 691
Seward, AK 99664

The Grouse Lake parcel is located on the west shore of Grouse Lake and includes approximately 1/3 of a mile of lake shore 7.5 miles north of Seward on the Seward Highway. The parcel is contiguous with the Chugach National Forest and can easily be incorporated into existing management plans and will enhance access to recreational opportunities in the Seward area. The lake has long been a favorite recreation area used by local residents and tourists for many years. Activities include camping, hiking and sport fishing. Sport fishing is the most popular activity including summer and winter fishing. The lake is the site of an active sockeye salmon stocking program by the Alaska Department of Fish and Game. Bald Eagles use the area, although there is no documented nesting. River otters are frequently seen in the lake and creek.

The parcel is the only level access area around Grouse Lake and Grouse Creek. The parcel is heavily forested and the lake and stream are clear water.

Acquisition of the parcel will benefit Sockeye salmon, Dolly Varden, and recreation. This parcel provides an ideal location for a campground and handicap access fishing area.




**HABITAT PROTECTION
SMALL PARCELS
KENAI PENINSULA, ALASKA**

Parcel: KEN1014

0 1.0 2.0 miles

Universal Transverse Mercator Projection

LEGEND

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



KEN1014

Bear Lake

Seward Highway

Resurrection River

Seward Airport

Seward

Resurrection Bay



Parcel ID: KEN 1015
Lowell Point

Rank: PMSC **Acreage:** 19.4 **Agency Sponsor:** ADNR

Location: T1S, R1W, Section 22.
Located on Lowell Point, one mile south of Alaska Sealife Center.
Property is accessed by borough maintained road system.

Landowner: Jim McCracken (Agent)

Address: P.O. Box 691
Seward, AK 99694

This parcel is vegetated, in part, by hemlock and spruce. There are approximately 700 feet of Resurrection Bay frontage. The intertidal area is primarily sand and gravel beach. A hiking trail to Caines Head State Recreation Area runs through this parcel. The parcel is very popular with local residents and is currently used for small boat and kayak access to the bay and for fishing, picnicking, camping, beach combing, etc.

If acquired, the parcel will be managed to enhance recreation and to ensure public access to the Caines Head trail.




**HABITAT PROTECTION
SMALL PARCELS
KENAI PENINSULA, ALASKA**

Parcel: KEN1015

0 1.0 2.0 miles

Universal Transverse Mercator Projection

LEGEND

-  Public Lands (Federal and State)
-  Private or Municipal Lands
-  Native Selected

SOURCES:
Land status provided by the
Department of Natural Resources,
Division of Land and Land Records
Information Section, 1993.



Seward

Resurrection Bay

KEN1015

