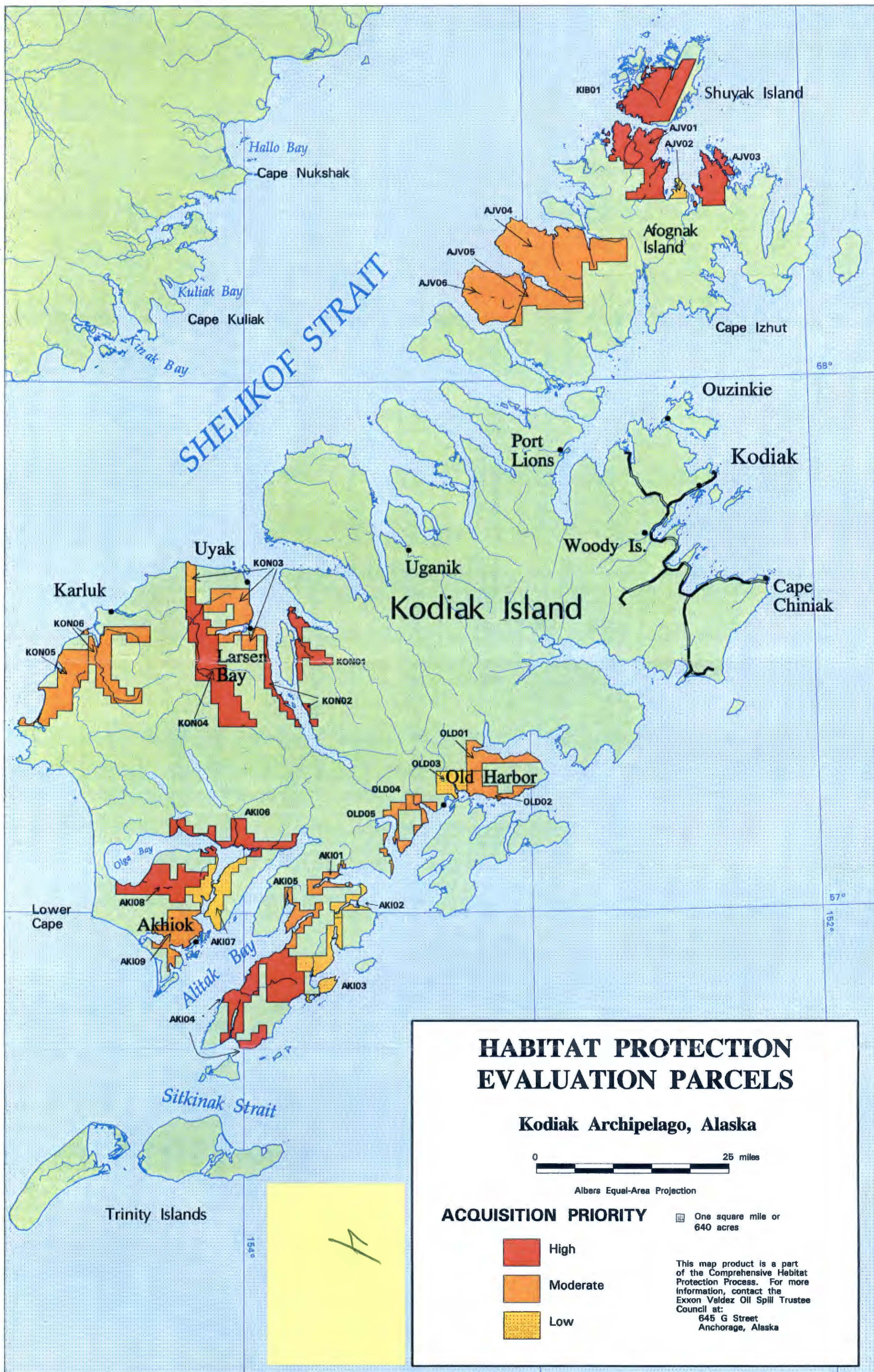


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## LARGE PARCEL EVALUATION and RANKING KODIAK REGION

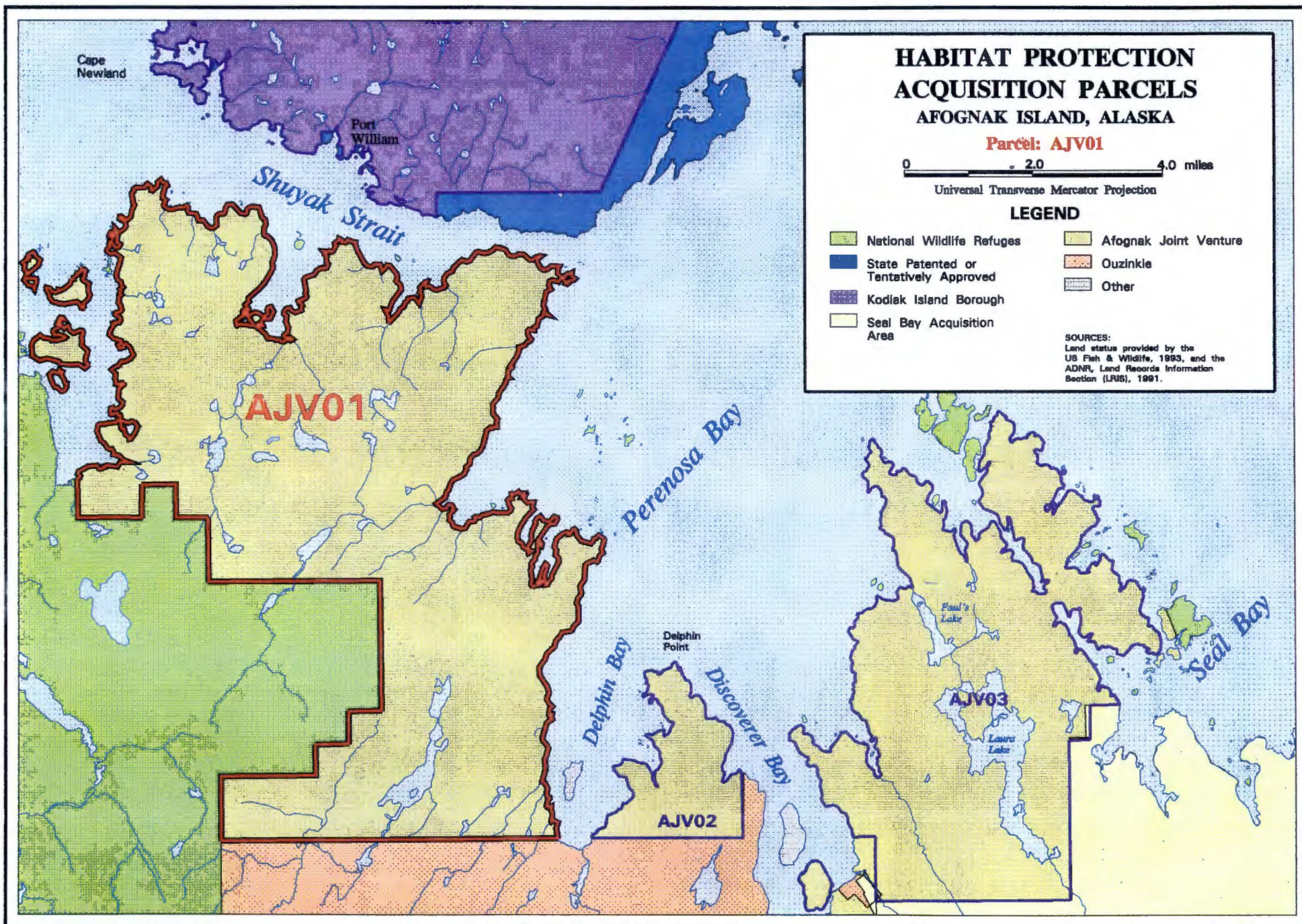
PARCEL #	PARCEL NAME	REGION*	RANK	LANDOWNER	ACREAGE
AJV 01	Shuyak Strait	KOD	High	Afognak Joint Venture	27,100
AJV 02	Delphin Point	KOD	Low	Afognak Joint Venture	2,100
AJV 03	Pauls/Laura Lake	KOD	High	Afognak Joint Venture	13,400
AJV 04	Paramanof Peninsula	KOD	Moderate	Afognak Joint Venture	56,700
AJV 05	Inner Malina Bay	KOD	Moderate	Afognak Joint Venture	12,700
AJV 06	Malina Peninsula	KOD	Moderate	Afognak Joint Venture	27,300
AKI 01	Kaiugnak Bay	KOD	Moderate	Akhiok Kaguyak	4,900
AKI 02	Kiavak Bay	KOD	Low	Akhiok Kaguyak	4,200
AKI 03	Kaguyak Bay	KOD	Low	Akhiok Kaguyak	12,400
AKI 04	Aliulik Peninsula	KOD	High	Akhiok Kaguyak	34,300
AKI 05	Sulua/Portage Bays	KOD	Moderate	Akhiok Kaguyak	8,200
AKI 06	North Olga Bay	KOD	High	Akhiok Kaguyak	16,900
AKI 07	Olga Bay Narrows	KOD	Low	Akhiok Kaguyak	15,200
AKI 08	Upper Station Lakes	KOD	High	Akhiok Kaguyak	15,600
AKI 09	Sukhoi/Kempff Bays	KOD	Moderate	Akhiok Kaguyak	15,900
KIB 01	Shuyak Island	KOD	High	Kodiak Island Borough	27,900
KON 01	Brown's Lagoon	KOD	High	Koniag	9,900
KON 02	Uyak Bay	KOD	High	Koniag	7,000
KON 03	Larsen Bay	KOD	Moderate	Koniag	22,400
KON 04	Karluk River	KOD	High	Koniag	28,200
KON 05	Halibut Bay	KOD	Moderate	Koniag	21,900
KON 06	Sturgeon River	KOD	Moderate	Koniag	22,400
OLD 01	Kiliuda Bay	KOD	Moderate	Old Harbor	9,500
OLD 02	Sitkalidak Strait	KOD	Low	Old Harbor	8,000
OLD 03	Midway Bay	KOD	Low	Old Harbor	7,300
OLD 04	Barling Bay	KOD	Moderate	Old Harbor	4,600
OLD 05	Three Saints Bay	KOD	Moderate	Old Harbor	5,300

\*REGION: KEN/Kenai, KON/Kodiak, PWS/Prince William Sound

\*\*Parcels; Part of EYA 11, Core Parcels (3)

**AJV 01**  
**SHUYAK STRAIT**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV01	PARCEL NAME: Shuyak Strait	SCORE: 65.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 27,100

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Twelve documented spawning streams; stream in Red Fox Bay especially productive.
SOCKEYE SALMON	Low	
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Seven documented streams.
PACIFIC HERRING	High	Consistent documented spawning along parcel shoreline.
BALD EAGLE	Moderate	Twenty-five documented nest sites.
BLACK OYSTERCATCHER	High	Documented nesting and feeding.
COMMON MURRE	Low	
HARBOR SEAL	High	Documented haulout in Perenosa Bay (60+ animals).
HARLEQUIN DUCK	High	Documented feeding; probable nesting; molting on nearshore rocks and islets.
INTERTIDAL/SUBTIDAL BIOTA	High	Rocky shoreline with heavy kelp beds and pockets of eelgrass; mussels; rich in invertebrates.
MARBLED MURRELET	High	High probability of nesting; eggshell fragments found in parcel uplands; concentrated feeding in nearshore waters.
PIGEON GUILLEMOT	High	Breeding and non-breeding populations; eighteen documented nesting sites.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; probable denning.

## HABITAT PROTECTION PARCEL ANALYSIS

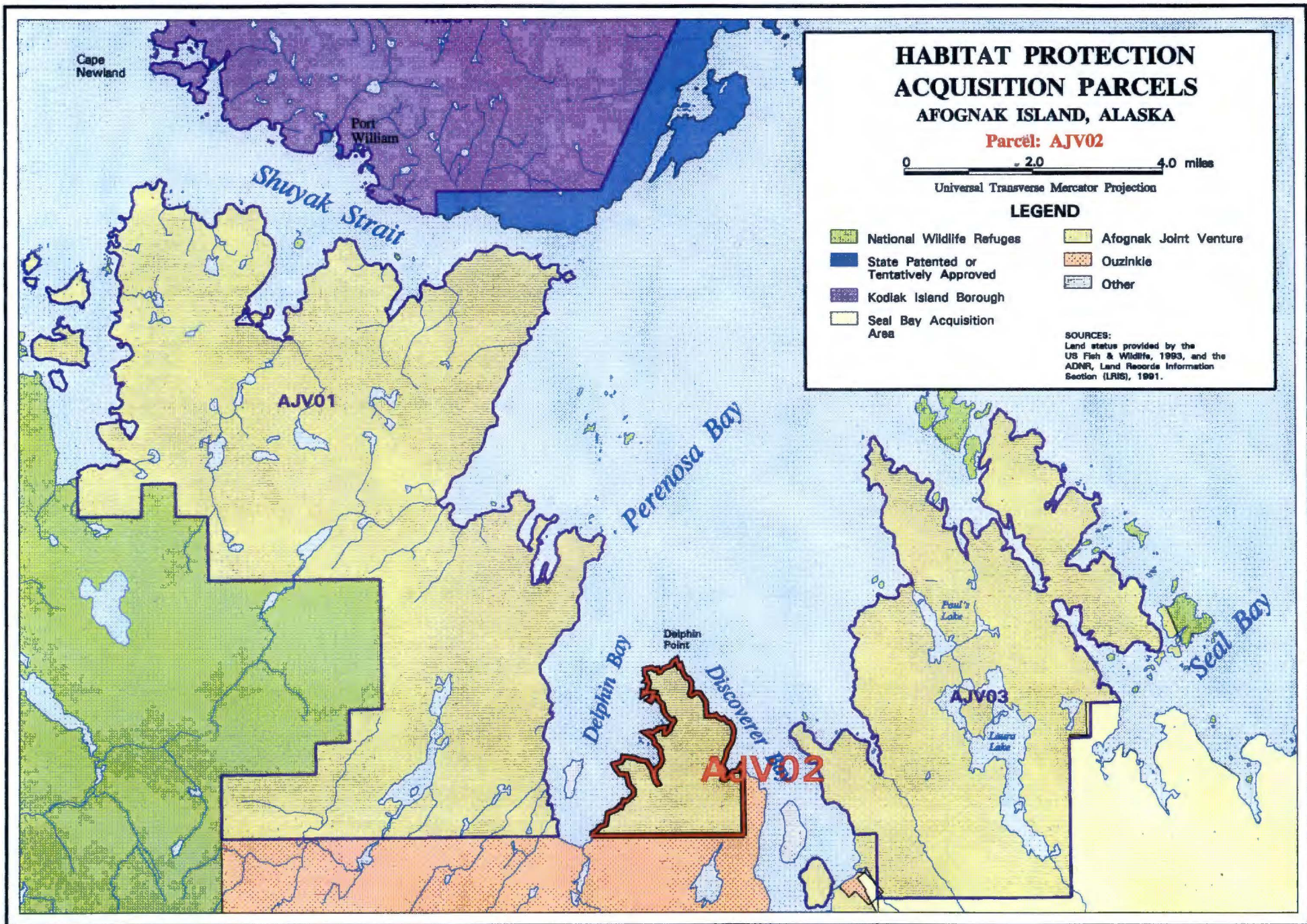
PARCEL #: AJV01	PARCEL NAME: Shuyak Strait	SCORE: 65.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 27,100

SEA OTTER	High	Documented pupping and feeding; concentrations in Blue Fox and west Perenosa Bays.						
RECREATION/TOURISM	Low	One lodge present; adjacent State Park on Shuyak Island.						
WILDERNESS	High	Little evidence of human development; one cabin on Waterfall Lake.						
CULTURAL RESOURCES	High	Five historic and prehistoric sites; two documented important by SHPO.						
SUBSISTENCE	Low							
ECOLOGICAL SIGNIFICANCE: Anadromous streams also support populations of coho salmon (twenty-six documented on parcel) and rainbow trout. Adjacent marine waters inhabited by Northern sea lion, harbor porpoises and whales. Populations of elk, deer and brown bear on parcel.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Ouzinkie Native Corporation.								
ADDITIONAL CONSIDERATIONS:								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
12H,2M	Y	Y	Y	N	Y	N	Y	65.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AJV 02**  
**DELPHIN POINT**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV02	PARCEL NAME: Delphin Point	SCORE: 19.5
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 2,100

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	Low	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Documented consistent annual spawning along parcel coast.
BALD EAGLE	High	Ten documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Low	
HARBOR SEAL	Low	
HARLEQUIN DUCK	Moderate	Documented feeding; probable nesting; molting on nearshore rocks and islets.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Rocky shoreline; large kelp beds on Delphin Point and east side.
MARBLED MURRELET	Moderate	Documented feeding; probable nesting.
PIGEON GUILLEMOT	High	One documented breeding colony.
RIVER OTTER	Moderate	Feeding and known latrine sites; probable denning.
SEA OTTER	High	Documented pupping use.
RECREATION/TOURISM	Low	
WILDERNESS	Moderate	Evidence of human development; adjacent clearcut areas visible from parcel.
CULTURAL RESOURCES	Low	
SUBSISTENCE	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

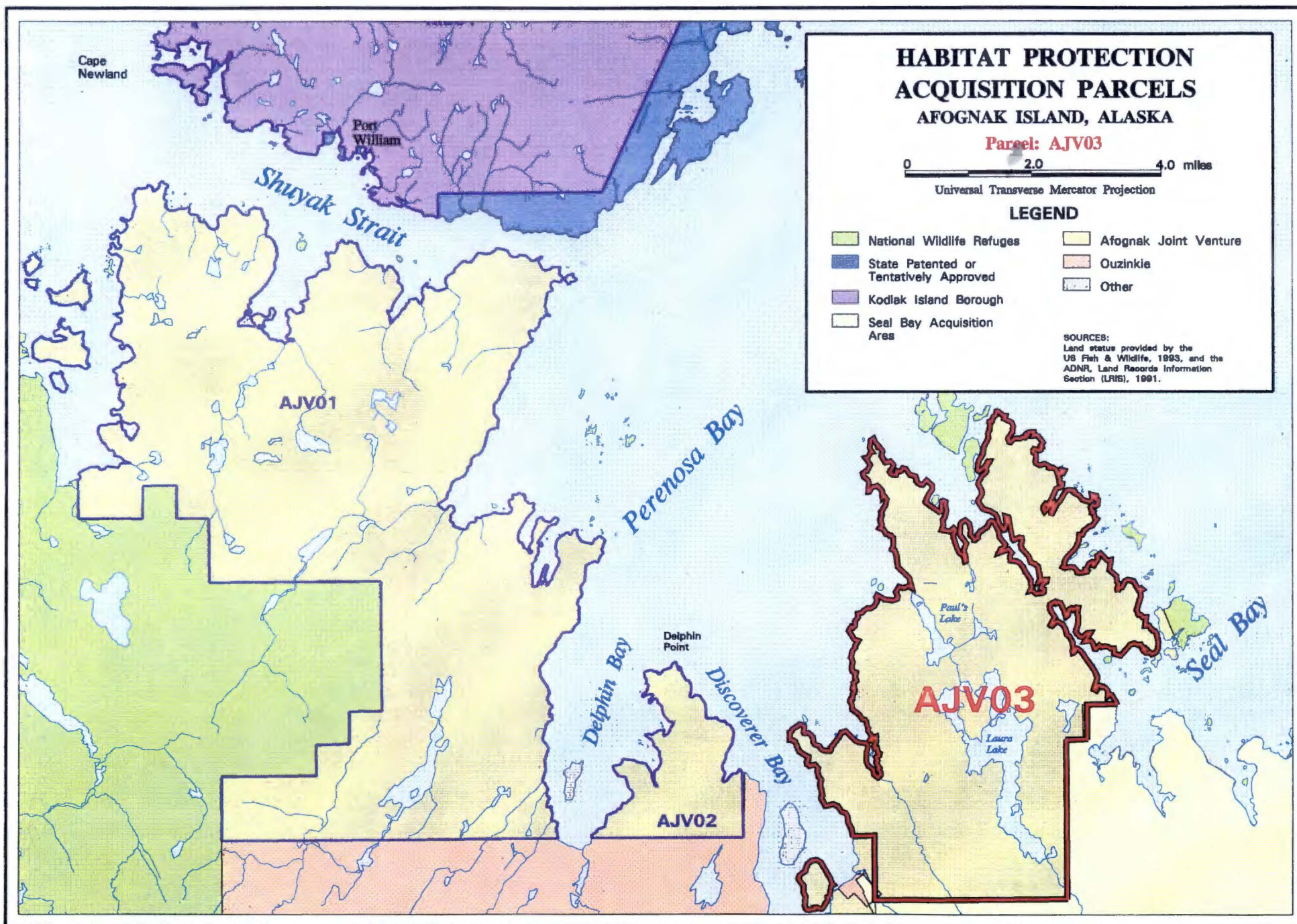
PARCEL #: AJV02	PARCEL NAME: Delphin Point	SCORE: 19.5
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 2,100

<b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous streams also support populations of coho salmon. Lake on parcel contains rainbow trout. Deer and brown bear on parcel.								
<b>ADJACENT LAND MANAGEMENT:</b> Ouzinkie Native Corporation.								
<b>ADDITIONAL CONSIDERATIONS:</b>								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
4H, 5M	N	N	Y	N	Y	N	Y	19.5

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AJV 03**  
**PAULS/LAURA LAKE**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV03	PARCEL NAME: Laura/Paul's Lake	SCORE: 78.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 13,400

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Five documented spawning streams. Fish ladder between Laura Lake and Paul's Lake.
SOCKEYE SALMON	Moderate	Sockeye in Laura/Paul's Lake system.
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Moderate	Documented occasional spawning.
BALD EAGLE	High	Twenty-four documented nest sites.
BLACK OYSTERCATCHER	High	Documented breeding at adjacent seabird colony locations.
COMMON MURRE	Low	
HARBOR SEAL	High	Two documented haulouts.
HARLEQUIN DUCK	High	Documented feeding; molting concentrations on nearshore rocks and islets (85+ birds in 1992).
INTERTIDAL/SUBTIDAL BIOTA	High	Rocky, crenulated shoreline; numerous offshore rocks and islets; lagoons; kelp beds.
MARbled MURRELET	High	High confidence of nesting; large numbers observed in the vicinity of log transfer site in Discoverer Bay.
PIGEON GUILLEMOT	High	Documented 135 breeding birds at 19 colony locations.
RIVER OTTER	Moderate	Feeding; known latrine sites; probable denning.
SEA OTTER	High	Documented pupping concentrations.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV03	PARCEL NAME: Laura/Paul's Lake	SCORE: 78.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 13,400

RECREATION/TOURISM	Moderate	Laura/Paul's Lake area used for hunting, fishing and float plane access; guiding use.						
WILDERNESS	High	Little evidence of human development.						
CULTURAL RESOURCES	High	Fourteen historic sites located within parcel; seven listed important by SHPO.						
SUBSISTENCE	Low							
ECOLOGICAL SIGNIFICANCE: Anadromous streams also support populations of coho salmon, rainbow trout and steelhead. Laura/Paul's Lake system supports extensive tributary rearing for fish. Elk, deer and brown bear on parcel. Concentrated waterfowl use of nearshore waters.								
ADJACENT LAND MANAGEMENT: Akhiok-Kaguyak/Old Harbor Joint Venture.								
ADDITIONAL CONSIDERATIONS: Exxon Valdez Trustee Council has initiated the purchase of adjacent lands in Seal Bay. Title is expected to be transferred to the State of Alaska. Ranking Criteria #3 and #7 will change if title is formally transferred; the resultant score will then be 78.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreation.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
11H, 4M	Y	N	Y	N	Y	N	Y	78.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AJV 04**  
**PARAMANOF PENINSULA**

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# **HABITAT PROTECTION ACQUISITION PARCELS AFOGNAK ISLAND, ALASKA**

**Parcel: AJV04**

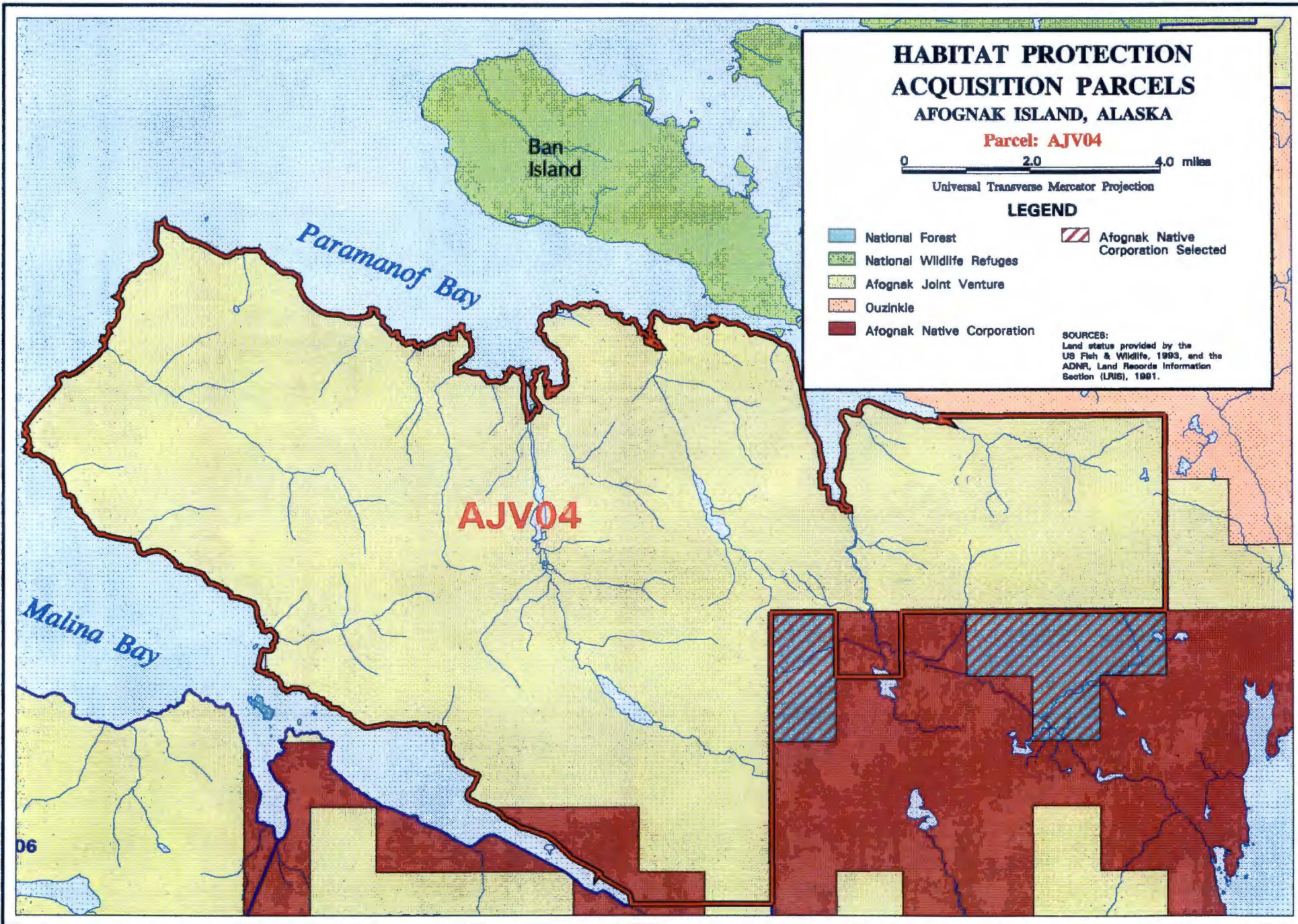
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## **LEGEND**

-  National Forest
-  National Wildlife Refuges
-  Afognak Joint Venture
-  Ouzinkie
-  Afognak Native Corporation
-  Afognak Native Corporation Selected

**SOURCES:**  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV04	PARCEL NAME: Paramanof Peninsula	SCORE: 48.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 56,700

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Eleven documented spawning streams.
SOCKEYE SALMON	Moderate	Five documented spawning streams.
CUTTHROAT TROUT	None	
DOLLY VARDEN	Moderate	Four documented streams.
PACIFIC HERRING	High	Documented consistent annual spawning in Paramanof and Malina Bays; harvests of 361 tons in Paramanof and 100 tons in Malina in 1992.
BALD EAGLE	Moderate	Twenty-three documented nest sites.
BLACK OYSTERCATCHER	Moderate	Probable nesting; known feeding.
COMMON MURRE	Low	
HARBOR SEAL	High	One documented haulout; approximately 20 seals.
HARLEQUIN DUCK	High	Feeding; probable nesting; molting concentrations on nearshore rocks and islets (156 birds observed in 1992).
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Rocky intertidal; nearshore rocks and islets off of capes and in Malina Bay; Long Lagoon very productive; some gravel beaches.
MARbled MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	High	Nineteen documented colonies.
RIVER OTTER	Moderate	Feeding and known latrine sites; probable denning.
SEA OTTER	High	Documented pupping in Paramanof Bay.

## HABITAT PROTECTION PARCEL ANALYSIS

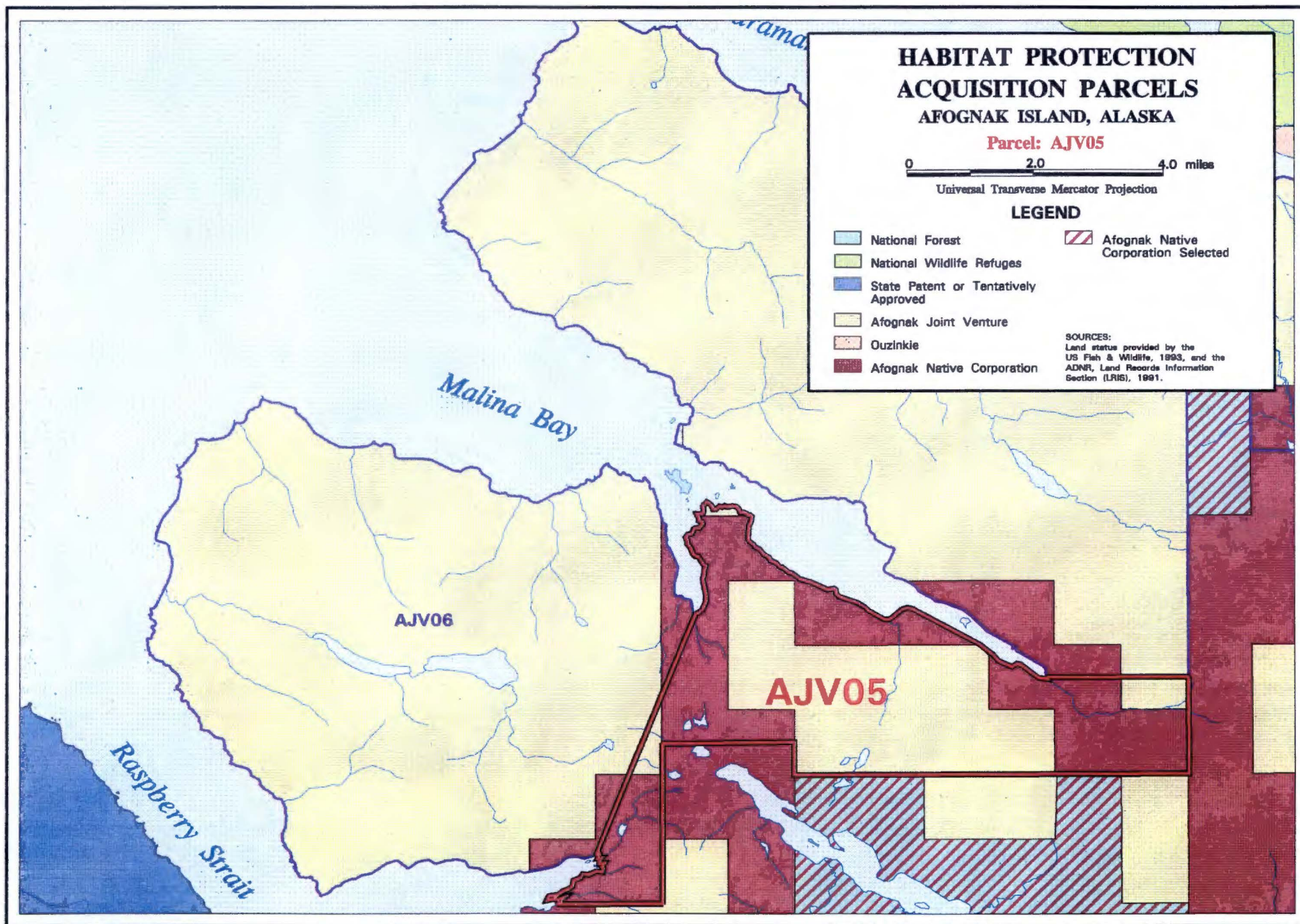
PARCEL #: AJV04	PARCEL NAME: Paramanof Peninsula	SCORE: 48.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 56,700

RECREATION/TOURISM	Moderate	Hunting and fishing from Kodiak; float lodge in Long Lagoon.						
WILDERNESS	High	Little evidence of human development.						
CULTURAL RESOURCES	Moderate	Six documented sites.						
SUBSISTENCE	High	Hunting for elk and deer.						
ECOLOGICAL SIGNIFICANCE: Anadromous streams also support populations of coho salmon, rainbow trout and steelhead. Elk, deer and brown bear on parcel; documented brown bear denning on parcel. Concentrated waterfowl use of nearshore waters in winter. Long Lagoon productive fish and wildlife habitat.								
ADJACENT LAND MANAGEMENT: Ouzinkie Native Corporation; Afognak Native Corporation.								
ADDITIONAL CONSIDERATIONS: Logging is ongoing immediately adjacent to the parcel, in headwaters of Long Lagoon drainage.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreation and subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
7H, 10M	Y	N	Y	N	Y	N	Y	48.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AJV 05**  
**INNER MALINA BAY**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV05	PARCEL NAME: Inner Malina Bay	SCORE: 40.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 12,700

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Six documented spawning streams.
SOCKEYE SALMON	Low	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Moderate	Three documented streams.
PACIFIC HERRING	High	Documented consistent annual spawning in Paramanof and Malina Bays.
BALD EAGLE	High	Nine documented nest sites.
BLACK OYSTERCATCHER	Moderate	Feeding; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	Low	
HARLEQUIN DUCK	Low	
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Mudflats and gravel beaches at head of bay; some eelgrass and clams.
MARbled MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	Moderate	Documented colonies on adjacent islands.
RIVER OTTER	Moderate	Feeding and known latrine sites; probable denning.
SEA OTTER	Moderate	Concentrations for shelter; potential pupping.
RECREATION/TOURISM	Moderate	Hunting, bear, elk, deer; some fishing; good anchorage.
WILDERNESS	Moderate	Evidence of human development.
CULTURAL RESOURCES	Low	
SUBSISTENCE	High	Hunting elk and deer.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV05	PARCEL NAME: Inner Malina Bay	SCORE: 40.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 12,700

<b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous fish streams also support populations of coho salmon. Elk, deer and brown bear on parcel; documented brown bear denning. Winter waterfowl concentrations in nearshore waters.								
<b>ADJACENT LAND MANAGEMENT:</b> Afognak Native Corporation and Afognak Joint Venture.								
<b>ADDITIONAL CONSIDERATIONS:</b>								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreation and subsistence uses.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
3H, 10M	Y	Y	Y	N	N	Y	Y	40.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AJV 06**  
**MALINA PENINSULA**

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# HABITAT PROTECTION ACQUISITION PARCELS AFOGNAK ISLAND, ALASKA

**Parcel: AJV06**

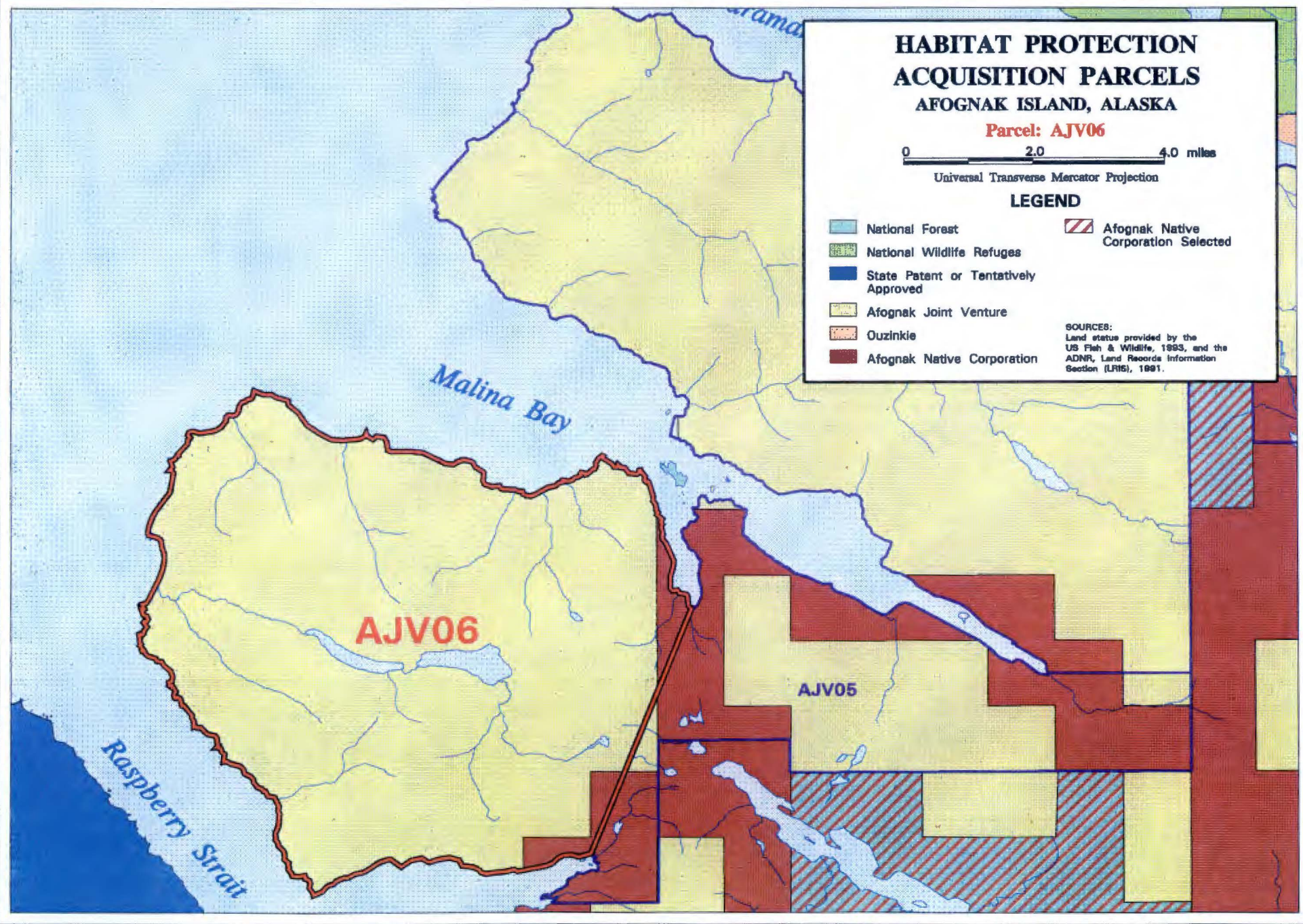
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

-  National Forest
-  National Wildlife Refuges
-  State Patent or Tentatively Approved
-  Afognak Joint Venture
-  Ouzinkie
-  Afognak Native Corporation
-  Afognak Native Corporation Selected

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1983, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV06	PARCEL NAME: Malina Peninsula	SCORE: 45.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 27,300

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Three documented spawning streams.
SOCKEYE SALMON	Moderate	One documented spawning stream.
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Documented consistent high annual spawning in Raspberry Strait and Malina Bay.
BALD EAGLE	Moderate	Eleven documented nest sites.
BLACK OYSTERCATCHER	Moderate	Feeding; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	Low	
HARLEQUIN DUCK	High	Feeding and molting concentrations; probable nesting.
INTERTIDAL/SUBTIDAL BIOTA	Low	Steep shoreline; deep nearshore waters; rocky exposed; sheltered areas along Raspberry Straits.
MARbled MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	High	Nine documented colonies on parcel and adjacent nearshore islands.
RIVER OTTER	Moderate	Feeding, known latrine sites; probable denning.
SEA OTTER	High	Concentrated feeding and pupping in Raspberry Straits.
RECREATION/TOURISM	Moderate	High use hunting, bear, elk, deer; fishing for steelhead; floatplane use; good anchorage.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AJV06	PARCEL NAME: Malina Peninsula	SCORE: 45.0
LANDOWNER: Afognak Joint Venture		PARCEL ACREAGE: 27,300

WILDERNESS	Moderate	Evidence of human development.						
CULTURAL RESOURCES	Low							
SUBSISTENCE	High	Hunting elk and deer.						
<p><b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous streams also support populations of coho salmon, rainbow trout and steelhead. Elk, deer and brown bear on parcel; documented brown bear denning. Concentrated waterfowl use of nearshore waters.</p>								
<p><b>ADJACENT LAND MANAGEMENT:</b> Afognak Native Corporation.</p>								
<p><b>ADDITIONAL CONSIDERATIONS:</b></p>								
<p><b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreation and subsistence uses.</p>								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
5H, 8M	Y	Y	Y	N	N	Y	Y	45.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 01**  
**KAIUGNAK BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS







KODIAK ISLAND, ALASKA

Parcel: AKI01

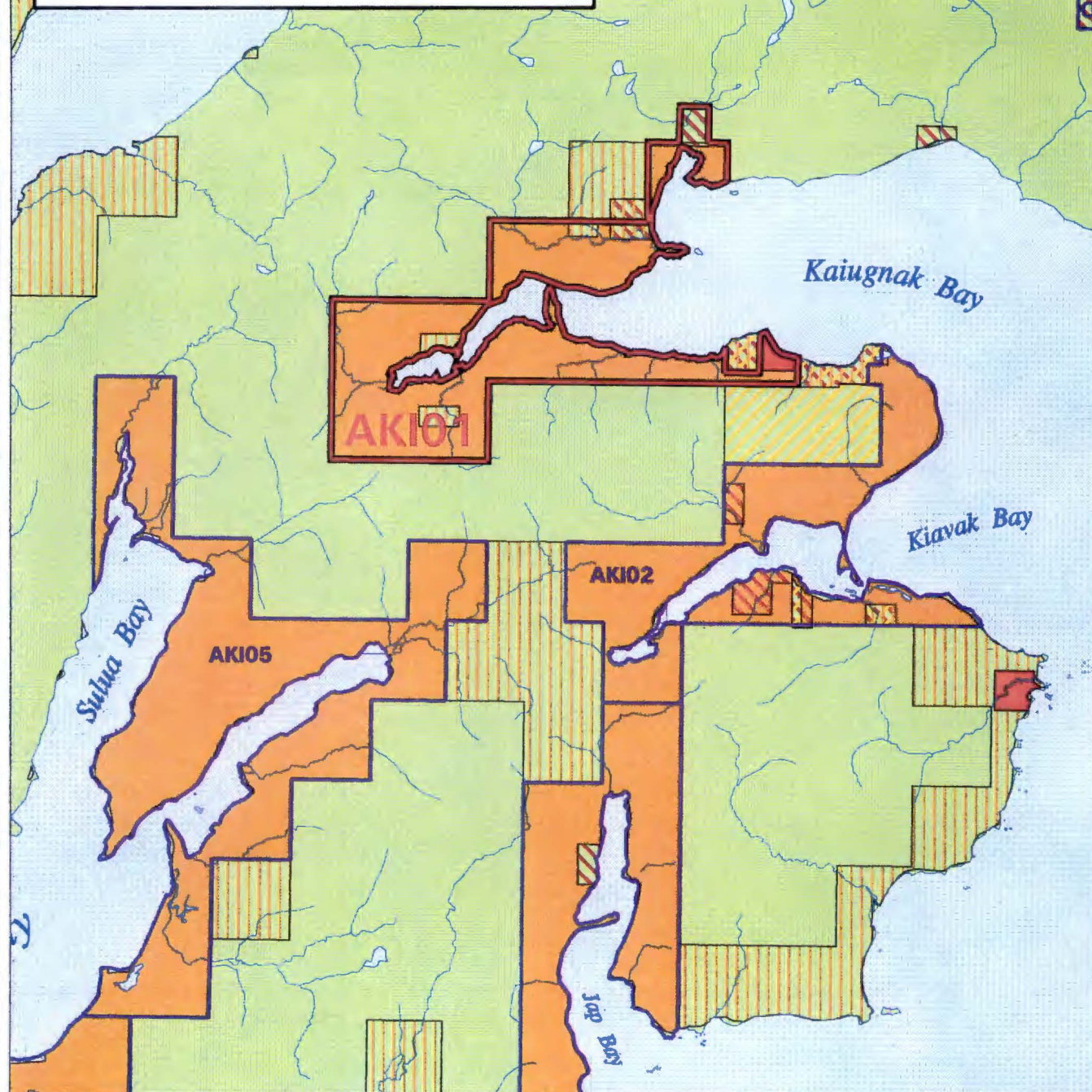
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected      |
|  Native Allotments         |  Akhlok Corporation Selected     |
|  Akhlok Corporation        |  Old Harbor Corporation Selected |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI01	PARCEL NAME: Kaiugnak Bay	SCORE: 45.0
LANDOWNER: Akhiok/Kaguyak Native Corporation	PARCEL ACREAGE: 4,900	

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Five documented spawning streams, moderate productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Moderate	Three documented streams.
PACIFIC HERRING	Moderate	Documented spawning in adjacent waters.
BALD EAGLE	Moderate	Seven documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Low	
HARBOR SEAL	High	Haulout in adjacent area; feeding.
HARLEQUIN DUCK	High	Probable feeding; probable nesting; molting on nearshore rocks and islets.
INTERTIDAL/SUBTIDAL BIOTA	High	Extensive mussel beds and eelgrass in interior lagoon and in spit area.
MARbled MURRELET	High	Feeding; probable nesting.
PIGEON GUILLEMOT	High	Feeding concentrations in nearshore waters; documented nesting colony.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	High	Little evidence of human use.
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.
SUBSISTENCE	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

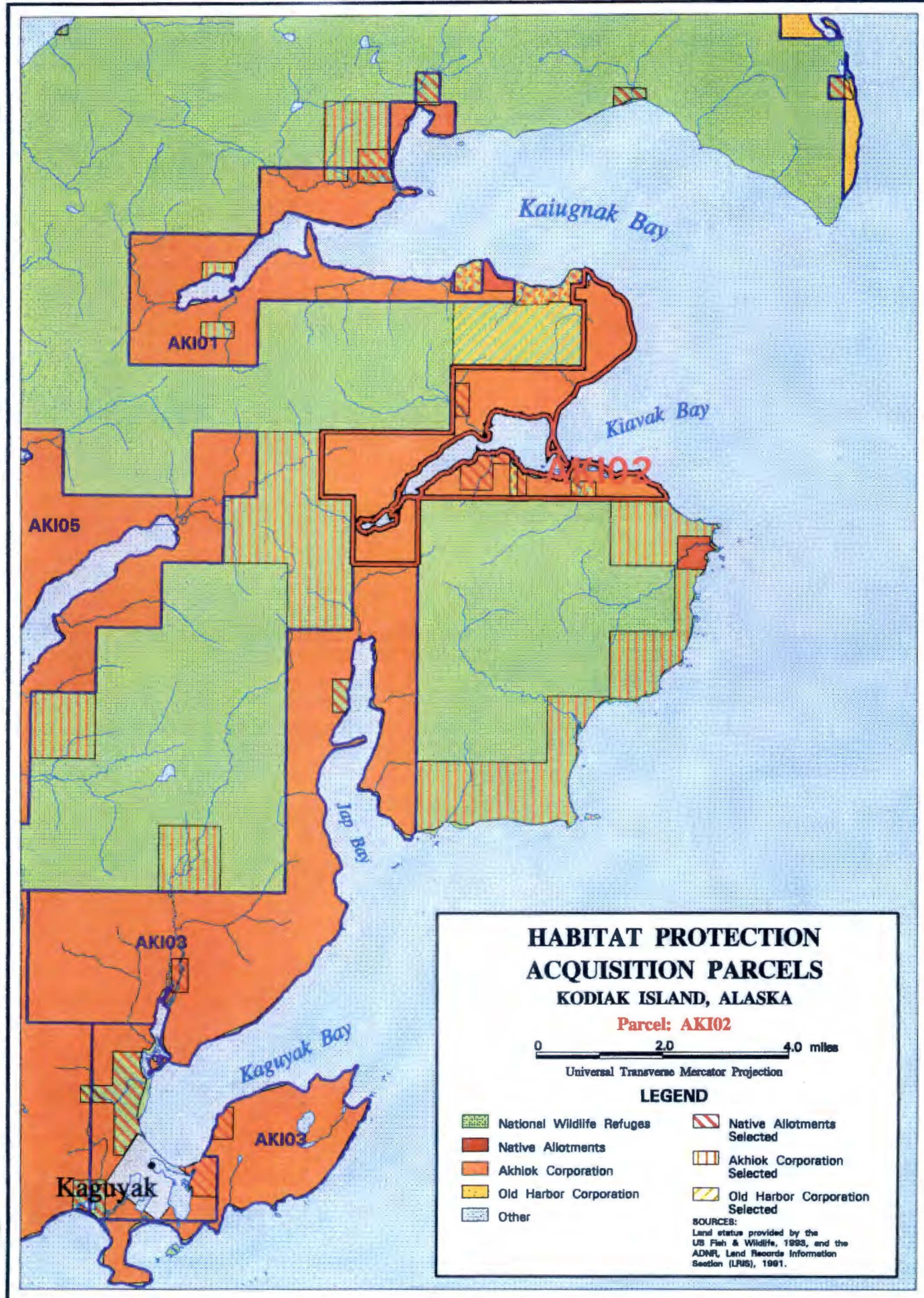
PARCEL #: AKI01	PARCEL NAME: Kaiugnak Bay	SCORE: 45.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 4,900

<p><b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous fish stream also supports populations of coho salmon. Steller's eiders feed in nearshore waters.</p>								
<p><b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service.</p>								
<p><b>ADDITIONAL CONSIDERATIONS:</b></p>								
<p><b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.</p>								
<b>RANKING CRITERIA</b>								
1	2	3	4	5	6	7	8	TOTAL
6H, 6M	Y	Y	Y	N	N	Y	Y	45.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 02**  
**KIAVAK BAY**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI02	PARCEL NAME: Kiavak Bay	SCORE: 30.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 4,200

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Moderate	Documented spawning in adjacent waters.
BALD EAGLE	Moderate	Eight documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Low	
HARBOR SEAL	Low	
HARLEQUIN DUCK	Moderate	Feeding; probable nesting.
INTERTIDAL/SUBTIDAL BIOTA	High	Extensive mussel beds and eelgrass in interior lagoon and in spit area.
MARBLED MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	Moderate	Feeding concentrations in nearshore waters; probable nesting.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	High	Little evidence of human activity.
CULTURAL RESOURCES	High	Five documented sites.
SUBSISTENCE	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

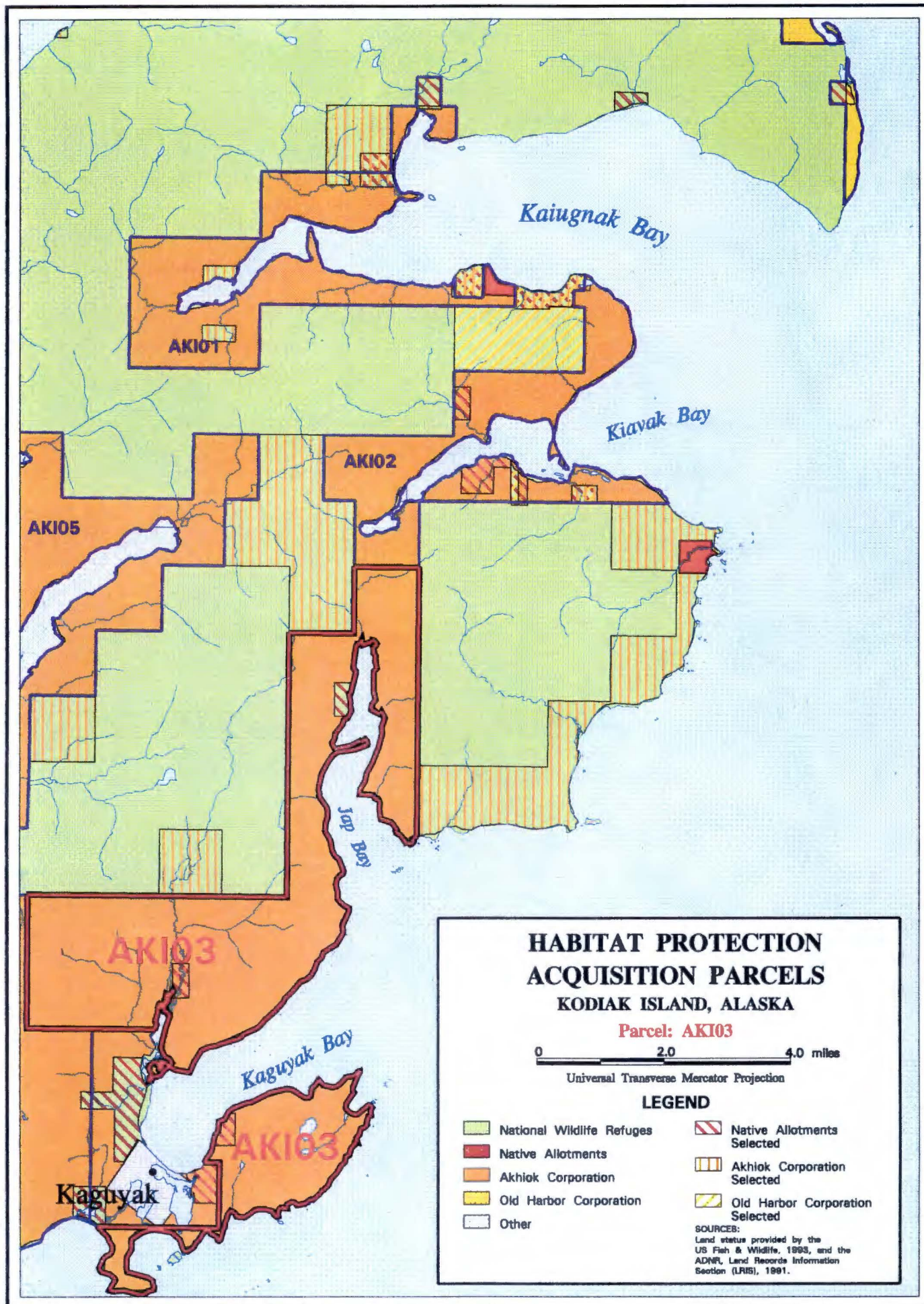
PARCEL #: AKI02	PARCEL NAME: Kiavak Bay	SCORE: 30.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 4,200

<b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous fish stream also supports populations of coho salmon. Steller's eiders feed in nearshore waters.								
<b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service.								
<b>ADDITIONAL CONSIDERATIONS:</b>								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
3H, 6M	Y	Y	Y	N	N	Y	Y	30.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 03**  
**KAGUYAK BAY**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI03	PARCEL NAME: Kaguyak Bay	SCORE: 30.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 12,400

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Four documented spawning streams; moderate productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Low	
BALD EAGLE	Moderate	Eight documented nest sites.
BLACK OYSTERCATCHER	Moderate	Probable nesting; feeding area.
COMMON MURRE	Low	
HARBOR SEAL	Moderate	Possible haulout; feeding in nearshore waters.
HARLEQUIN DUCK	Moderate	Feeding; probable nesting.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Extensive mussel beds and eelgrass in interior lagoon and in spit area; rocky intertidal in Jap Bay and along headlands.
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	Moderate	Feeding concentrations in nearshore waters; probable nesting.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	High	Little evidence of human development.
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.
SUBSISTENCE	Moderate	Known historic-use area.

## HABITAT PROTECTION PARCEL ANALYSIS

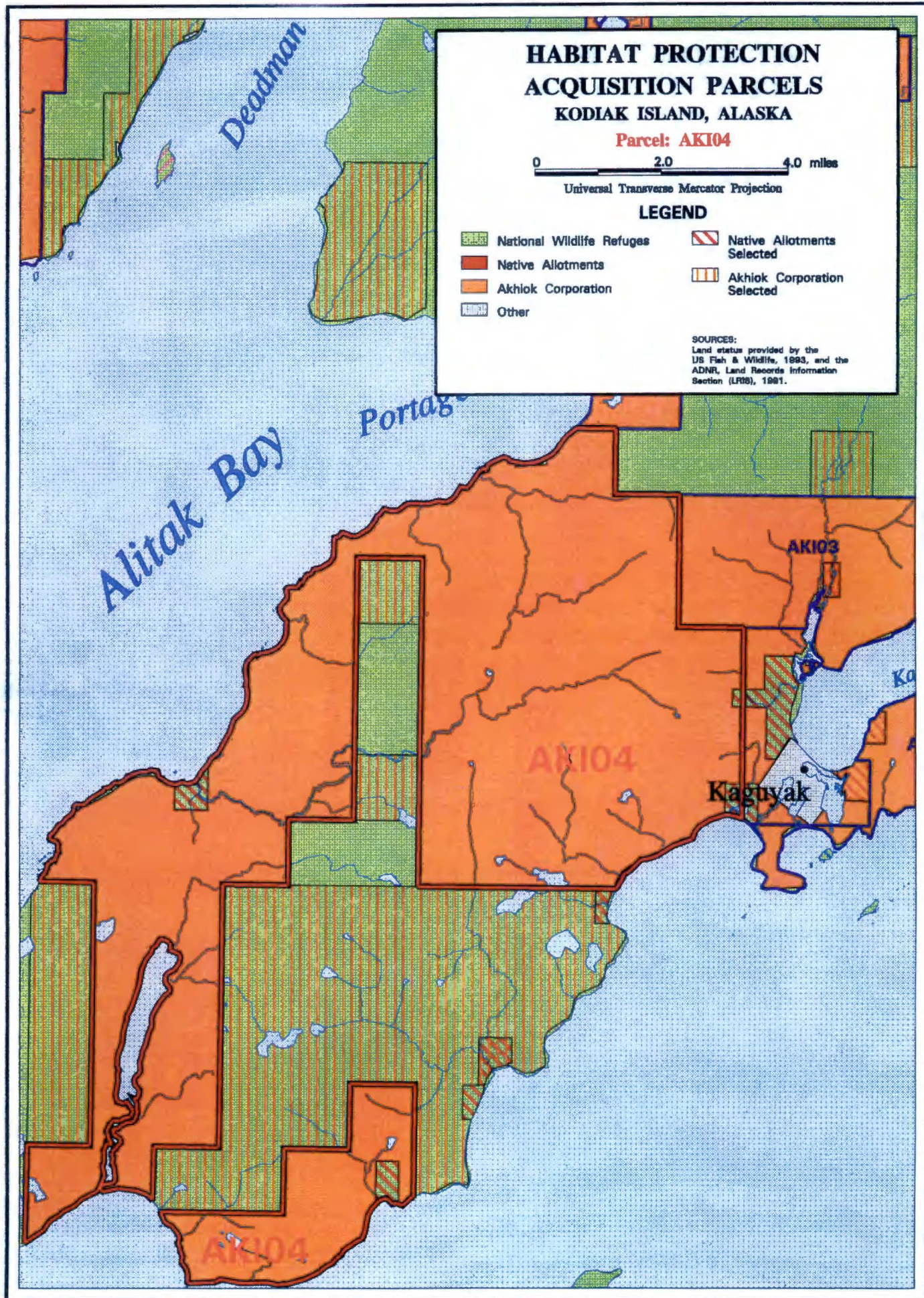
PARCEL #: AKI03	PARCEL NAME: Kaguyak Bay	SCORE: 30.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 12,400

<b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous fish stream also supports populations of coho and chum salmon. Steller's eiders feed in nearshore waters.								
<b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service and Akhiok-Kaguyak.								
<b>ADDITIONAL CONSIDERATIONS:</b>								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; and 3) minimize disturbance to nearshore and intertidal habitat use.								
<b>RANKING CRITERIA</b>								
1	2	3	4	5	6	7	8	TOTAL
1H, 10M	Y	Y	Y	N	N	Y	Y	30.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 04**  
**ALIULIK PENINSULA**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI04	PARCEL NAME: Aliulik Peninsula	SCORE: 65.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 34,300

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Eleven documented spawning streams; Humpy River, Seaborg River, and Russian Harbor are highly productive systems for this area.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Eleven documented streams; Russian Harbor and Humpy River are important overwintering systems.
PACIFIC HERRING	Moderate	Probable spawning in adjacent waters.
BALD EAGLE	Moderate	Twelve documented nest sites.
BLACK OYSTERCATCHER	High	Documented nesting in rocky intertidal; feeding area.
COMMON MURRE	High	High concentrations of winter feeding; colony on Flat Island adjacent to Old Kaguyak Bay.
HARBOR SEAL	High	Several documented haulouts; feeding in nearshore waters.
HARLEQUIN DUCK	High	Known nesting; molting on nearshore rocks; feeding.
INTERTIDAL/SUBTIDAL BIOTA	High	Extensive rocky intertidal; high productivity; mussel/clam beds; some eelgrass in protected embayments.
MARbled MURRELET	High	Feeding concentrations in nearshore waters; high probability nesting.
PIGEON GUILLEMOT	High	Feeding concentrations in nearshore waters; nesting colonies from Humpy River to Shag Bluff.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI04	PARCEL NAME: Aliulik Peninsula	SCORE: 65.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 34,300

RIVER OTTER	High	Feeding and known latrine sites along shoreline; probable denning.						
SEA OTTER	Low							
RECREATION/TOURISM	Low							
WILDERNESS	High	Area remote; little evidence of human use.						
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	Moderate	Known use for one resource.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish stream also supports populations of coho and chum salmon. Steller's eiders feed in nearshore waters. High density brown bear habitat. Winter area for emperor geese and Steller's eider.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Akhiok-Kaguyak.								
ADDITIONAL CONSIDERATIONS: Area remote and access is difficult.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
11H, 4M	Y	Y	Y	N	N	Y	Y	65.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 05**  
**SULUA/PORTAGE BAYS**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: AKI05

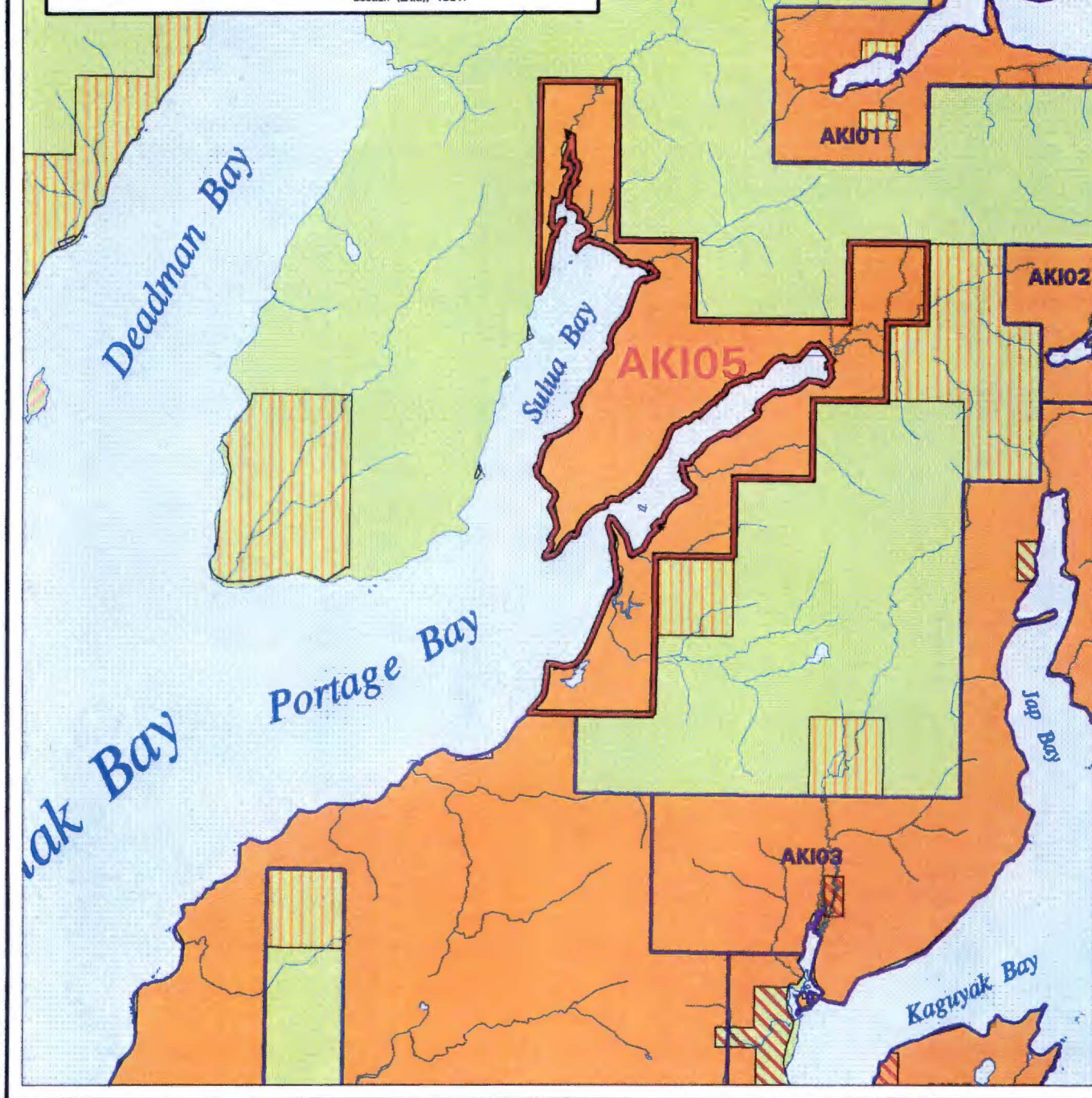
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Akhiok Corporation Selected |
|  Akhiok Corporation        |  Other Selected              |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1983, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI05	PARCEL NAME: Sulua/Portage Bays	SCORE: 50.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 8,200

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Seven documented streams; moderate productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Documented spawning; high productivity.
BALD EAGLE	Moderate	Nine documented nest sites.
BLACK OYSTERCATCHER	Moderate	Feeding area; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	High	Two documented haulouts; feeding in nearshore waters.
HARLEQUIN DUCK	High	Probable nesting and molting on nearshore rocks in Sulua Bay; feeding.
INTERTIDAL/SUBTIDAL BIOTA	High	Eelgrass beds in Portage and Sulua Bays; rocky intertidal; mussel beds at entrance to Portage and Sulua Bays.
MARbled MURRELET	High	Feeding concentrations in nearshore waters; high probability nesting.
PIGEON GUILLEMOT	High	Feeding concentrations in nearshore waters; nesting colonies at Bert Point and inner Sulua.
RIVER OTTER	High	Feeding and known latrine sites along shoreline; probable denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI05	PARCEL NAME: Sulua/Portage Bays	SCORE: 50.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 8,200

WILDERNESS	High	Area remote; little evidence of human use.						
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	Low							
<p><b>ECOLOGICAL SIGNIFICANCE:</b> Anadromous fish stream also supports populations of coho and chum salmon. Moderate density brown bear habitat. Winter area for emperor geese. Northern sea lion in area.</p> <p><b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service and Akhiok-Kaguyak.</p> <p><b>ADDITIONAL CONSIDERATIONS:</b> Area remote and access is difficult.</p> <p><b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.</p>								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
8H, 4M	Y	Y	Y	N	N	Y	Y	50.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 06**  
**NORTH OLGA BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: AKI06

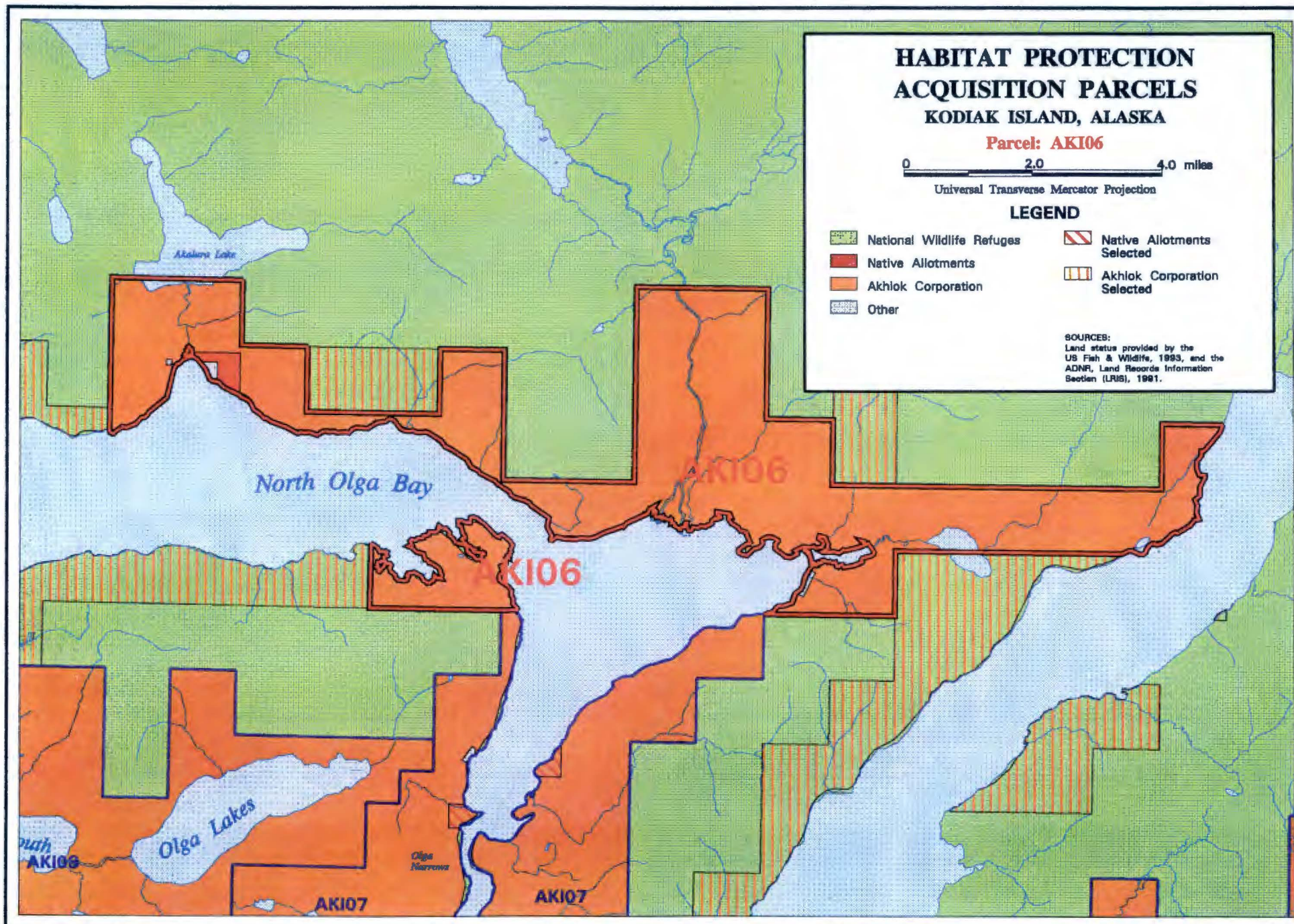
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Akhiok Corporation Selected |
|  Akhiok Corporation        |  Akhiok Corporation Selected |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI06	PARCEL NAME: North Olga Bay	SCORE: 67.5
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 16,900

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Six documented spawning streams; highly productive, especially Dog Salmon Creek.
SOCKEYE SALMON	High	Three documented spawning streams; high productivity.
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Four documented streams; overwintering in Horse Marine Lagoon and Dog Salmon Creek.
PACIFIC HERRING	High	Documented spawning; high productivity.
BALD EAGLE	High	Nineteen documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Low	
HARBOR SEAL	High	Two documented haulouts; feeding in nearshore waters.
HARLEQUIN DUCK	High	Probable nesting and molting on nearshore rocks.
INTERTIDAL/SUBTIDAL BIOTA	High	Eelgrass beds at mouth of Dog Salmon; king crab molting in nearshore; some rocky intertidal; mussel beds.
MARbled MURRELET	Moderate	Feeding; high probability nesting.
PIGEON GUILLEMOT	High	Feeding concentrations in nearshore waters; six nesting colonies, largest (over 100 birds) at Cannery Cove.
RIVER OTTER	High	Feeding and known latrine sites along shoreline; probable denning.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI06	PARCEL NAME: North Olga Bay	SCORE: 67.5
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 16,900

SEA OTTER	Low							
RECREATION/TOURISM	High	Several cabins; recreational use for deer hunting and bear hunting; guide services in area; fishing.						
WILDERNESS	Moderate	Evidence of human use; cannery, two set net sites; permanent guide and temporary guide services with cabins.						
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	High	One of the primary harvest areas for Akhiok including fish, deer, waterfowl, crab, and clam.						
ECOLOGICAL SIGNIFICANCE: Parcel includes Akalura Creek, Dog Salmon Creek and Horse Marine Lagoon. Anadromous fish stream also supports five species of Pacific salmon and steelhead trout; one of top four sockeye producers for Kodiak Island. High density brown bear use; brown bear concentration at Dog Salmon falls.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service.								
ADDITIONAL CONSIDERATIONS: Large Native allotment at mouth of Dog Salmon Creek.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunity for recreation and subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
12H, 3M	Y	Y	Y	N	N	Y	Y	67.5

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 07**  
**OLGA BAY NARROWS**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: AKI07

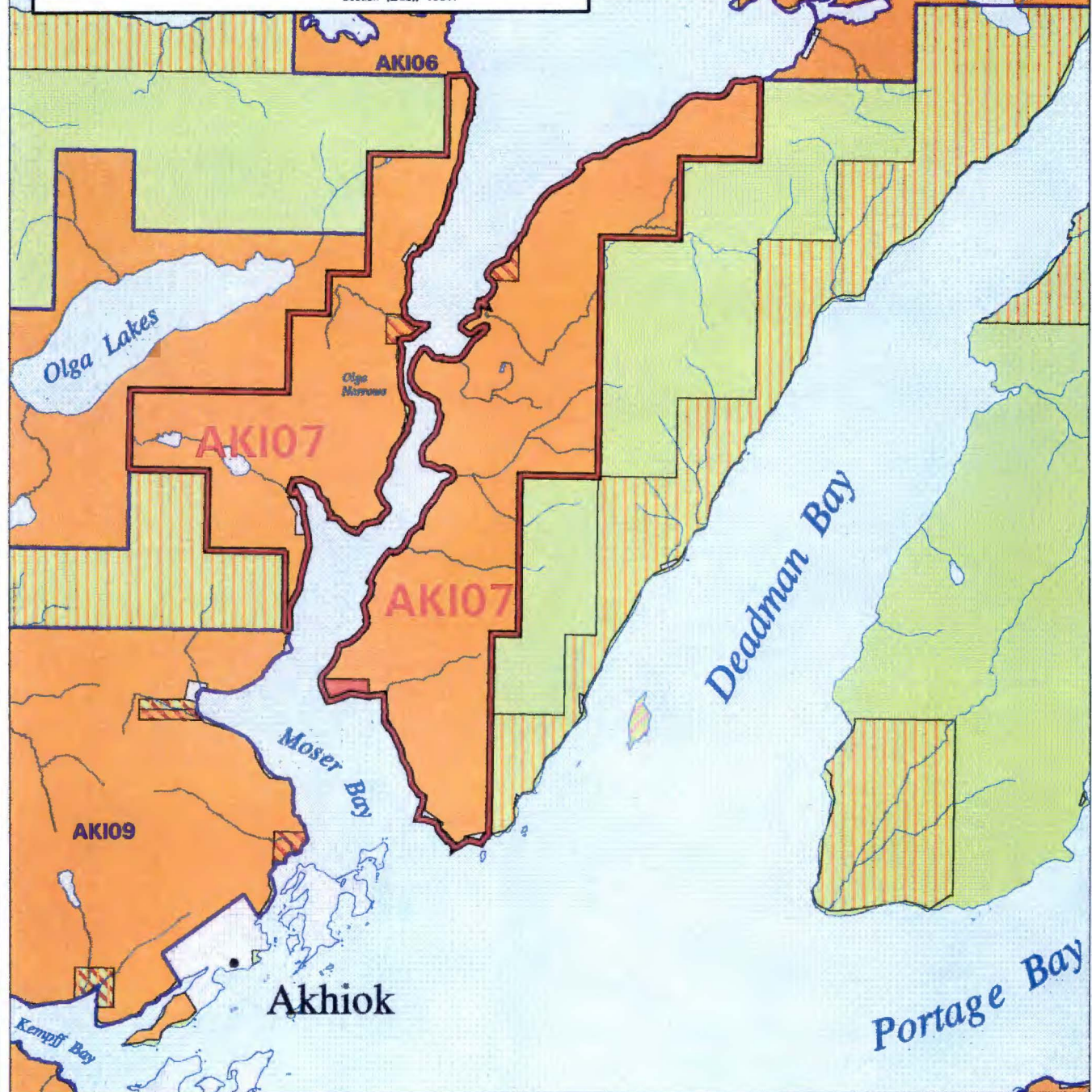
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Akhiok Corporation Selected |
|  Akhiok Corporation        |   |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1988, and the  
ADNR, Land Records Information  
Section (LRIS), 1981.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI07	PARCEL NAME: Olga Bay Narrows	SCORE: 25.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,200

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	Low	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Low	
BALD EAGLE	Low	
BLACK OYSTERCATCHER	Moderate	Feeding area; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	Moderate	Possible haulouts; feeding area.
HARLEQUIN DUCK	High	Probable nesting and molting on nearshore rocks; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Extensive mussel beds in narrows; high tidal flows provide nutrient enrichment.
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	Moderate	Feeding concentrations in nearshore waters; nesting.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; probable denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	Low	
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.
SUBSISTENCE	High	Shoreline hunting (salmon, seals and deer).

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI07	PARCEL NAME: Olga Bay Narrows	SCORE: 25.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,200

<b>ECOLOGICAL SIGNIFICANCE:</b> High tidal flows produce local enrichment. Extensive mussel beds; coho and chum streams. Movement corridor to Olga Bay.								
<b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service.								
<b>ADDITIONAL CONSIDERATIONS:</b> Multiple set net sites; cannery site.								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for subsistence use.								
<b>RANKING CRITERIA</b>								
1	2	3	4	5	6	7	8	TOTAL
2H, 6M	Y	Y	Y	N	N	Y	Y	25.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 08**  
**UPPER STATION LAKES**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: AKI08

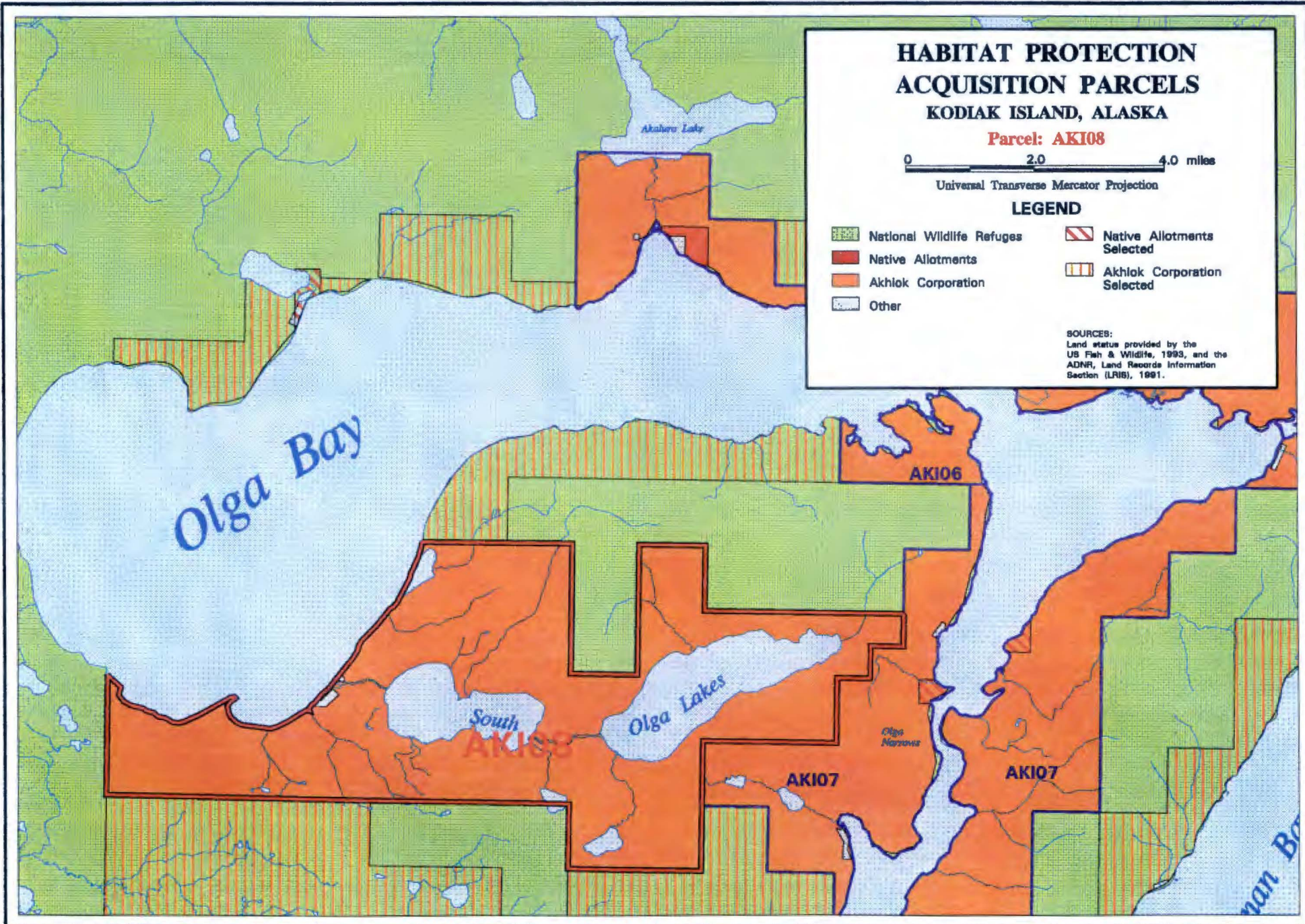
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Akhiok Corporation Selected |
|  Akhiok Corporation        |  Other                       |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI08	PARCEL NAME: Upper Station Lakes	SCORE: 60.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,600

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	High	Five stream/lake spawning and rearing systems; high productivity, one of top four sockeye salmon producers in Kodiak.
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Spawning and rearing in lakes/streams; probable overwintering in lakes.
PACIFIC HERRING	High	Annual spawning along beach; extensive herring fishery in area.
BALD EAGLE	High	Four documented nest sites; feeding concentrations in late summer/fall on salmon.
BLACK OYSTERCATCHER	Moderate	Feeding area; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	High	Haulouts on spit; feeding concentrations.
HARLEQUIN DUCK	Moderate	Probable nesting; molting on nearshore rocks; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	Low	
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	Low	
RIVER OTTER	High	Feeding and known latrine sites along shoreline; probable denning; high use in lakes/streams.
SEA OTTER	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

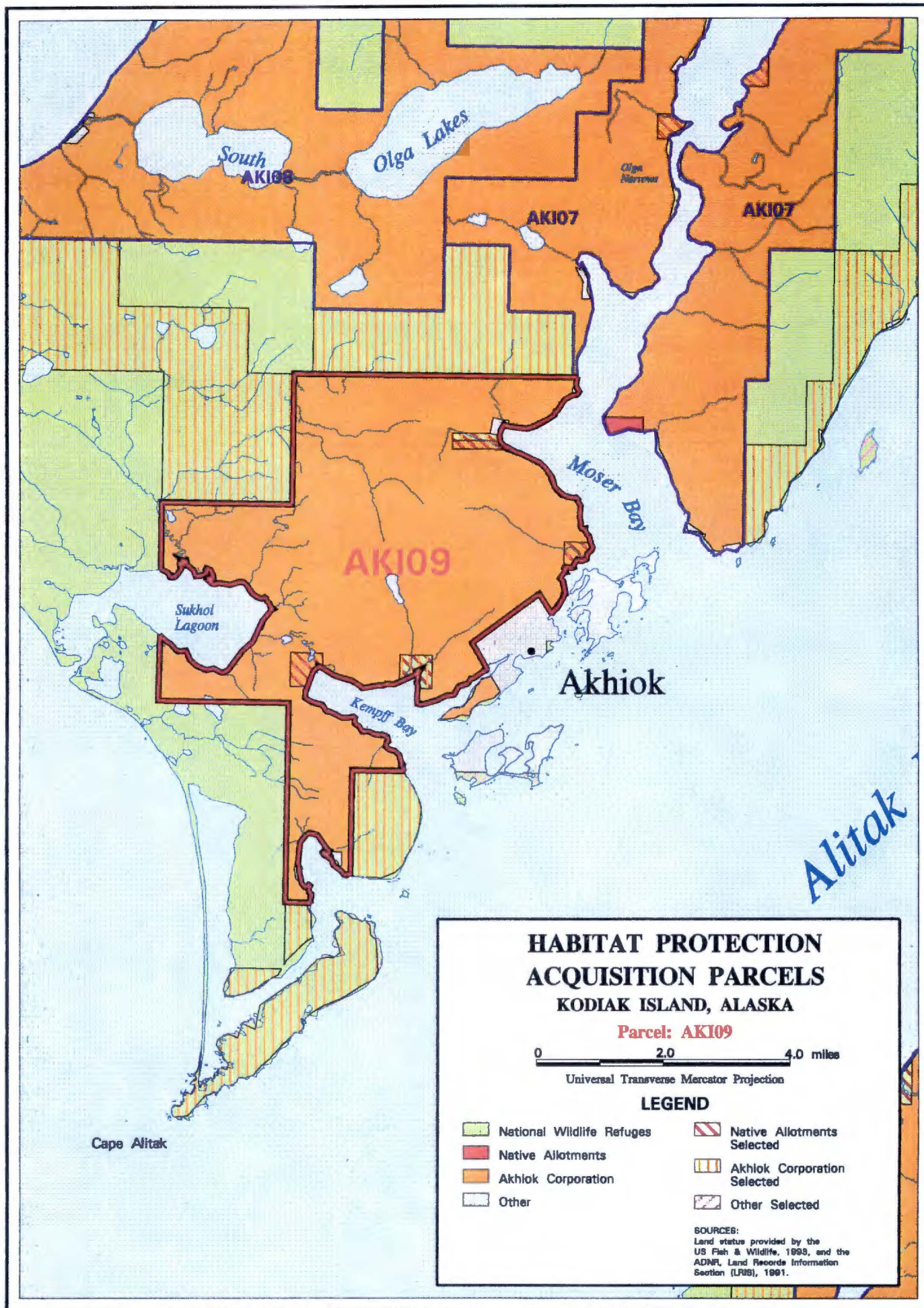
PARCEL #: AKI08	PARCEL NAME: Upper Station Lakes	SCORE: 60.0
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,600

RECREATION/TOURISM	Moderate	Recreational cabins at mouth of stream; lodge on North Upper Station Lake; fly-in fishing and hunting (bear, deer and waterfowl).						
WILDERNESS	Moderate	Evidence of human development; cabins.						
CULTURAL RESOURCES	High	Six documented sites.						
SUBSISTENCE	High	Shoreline hunting (waterfowl and deer).						
ECOLOGICAL SIGNIFICANCE: Extensive lake/stream and estuary habitat supports consistent productive anadromous fish runs; sockeye, coho, chum, and steelhead streams. Brown bear feeding and denning concentrations.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service.								
ADDITIONAL CONSIDERATIONS: Increasing recreational use, potential conflicts with brown bears.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreational and subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
8H, 4M	Y	Y	Y	N	Y	Y	Y	60.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**AKI 09**  
**SUKHOI/KEMPFF BAYS**

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## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI09	PARCEL NAME: Sukhoi/Kempff Bays	SCORE: 42.5
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,900

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Low	
BALD EAGLE	Moderate	Six documented nest sites; feeding concentrations in winter; feeding on seaducks and seabirds.
BLACK OYSTERCATCHER	Moderate	Feeding area; probable nesting.
COMMON MURRE	Low	
HARBOR SEAL	High	Haulouts in Sukhoi Lagoon and adjacent islands; feeding concentrations.
HARLEQUIN DUCK	High	Probable nesting; molting on nearshore rocks and islands; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	High	Extensive mussel beds and rocky intertidal areas along southeast shoreline; <i>Fucus</i> .
MARbled MURRELET	High	Feeding in Kempff Bay; high probability of nesting.
PIGEON GUILLEMOT	Moderate	Feeding in nearshore waters; nesting adjacent to parcel.
RIVER OTTER	High	Feeding and known latrine sites along Sukhoi Lagoon; probable denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: AKI09	PARCEL NAME: Sukhoi/Kempff Bays	SCORE: 42.5
LANDOWNER: Akhiok/Kaguyak Native Corporation		PARCEL ACREAGE: 15,900

CULTURAL RESOURCES	High	Two documented sites; significant resource.						
SUBSISTENCE	High	Hunting (seals, waterfowl, salmon, and deer); shellfish gathering.						
ECOLOGICAL SIGNIFICANCE: Extensive intertidal zone adjacent to parcel. Wintering Steller's eiders and emperor geese.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service, City of Akhiok.								
ADDITIONAL CONSIDERATIONS: Increasing recreational and subsistence use. Active cannery operation at Lazy Bay. Close proximity to Akhiok.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunity for subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
7H, 3M	Y	N	Y	N	Y	Y	Y	42.5

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KIB 01**  
**SHUYAK ISLAND**

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# HABITAT PROTECTION ACQUISITION PARCELS







AFOGNAK ISLAND, ALASKA

Parcel: **KIB01**

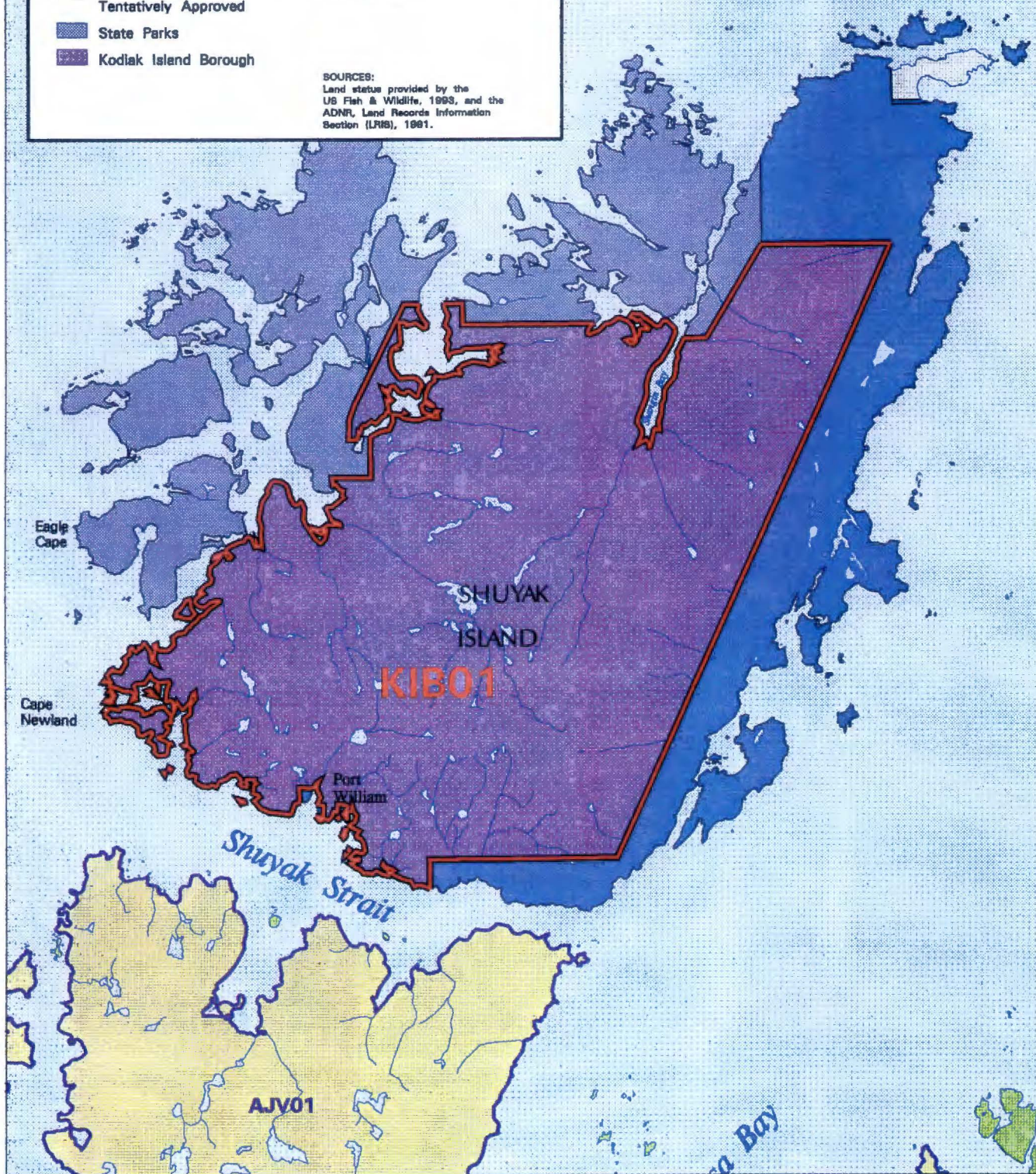
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |  |   |                       |
|---|--|---|-----------------------|
|  | National Wildlife Refuges              |  | Afognak Joint Venture |
|  | State Patented or Tentatively Approved |  | Other                 |
|  | State Parks                            |   |                       |
|  | Kodiak Island Borough                  |   |                       |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KIB01	PARCEL NAME: Shuyak Island	SCORE: 63.0
LANDOWNER: Kodiak Borough	PARCEL ACREAGE: 27,900	

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Six documented spawning streams; average production.
SOCKEYE SALMON	Low	
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Eight documented streams.
PACIFIC HERRING	Moderate	Documented occasional spawning along parcel shoreline.
BALD EAGLE	Low	
BLACK OYSTERCATCHER	Moderate	Feeding along shoreline; known nesting.
COMMON MURRE	Low	
HARBOR SEAL	Moderate	Nearshore feeding; haulouts.
HARLEQUIN DUCK	Moderate	Documented feeding; molting on nearshore rocks and islets; possible breeding.
INTERTIDAL/SUBTIDAL BIOTA	High	Rocky shoreline with heavy kelp beds and pockets of eelgrass; mussels; rich in invertebrates; adjacent Shuyak Strait highly productive.
MARBLED MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	High	Feeding; documented nesting.
RIVER OTTER	High	Feeding and known latrine sites along shoreline; probable denning.
SEA OTTER	High	Feeding concentrations; pupping.
RECREATION/TOURISM	Moderate	Hunting, fishing, kayaking, and camping; adjacent to State Park and four public use cabins.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KIB01	PARCEL NAME: Shuyak Island	SCORE: 63.0
LANDOWNER: Kodiak Borough		PARCEL ACREAGE: 27,900

WILDERNESS	High	Little evidence of human development.						
CULTURAL RESOURCES	High	Fifteen documented sites.						
SUBSISTENCE	Low							
ECOLOGICAL SIGNIFICANCE: Anadromous fish streams also support populations of coho and chum salmon. Adjacent marine waters inhabited by Northern sea lion, porpoises and whales. Deer and brown bear on parcel.								
ADJACENT LAND MANAGEMENT: State of Alaska; Federal Aviation Administration.								
ADDITIONAL CONSIDERATIONS: Several guiding operations operate in and adjacent to Park. Land disposal possible for Shuyak Strait portion of the parcel.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, marbled murrelet and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain recreational opportunities.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
7H, 7M	Y	Y	Y	N	Y	Y	Y	63.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 01**  
**BROWN'S LAGOON**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

**Parcel: KON01**

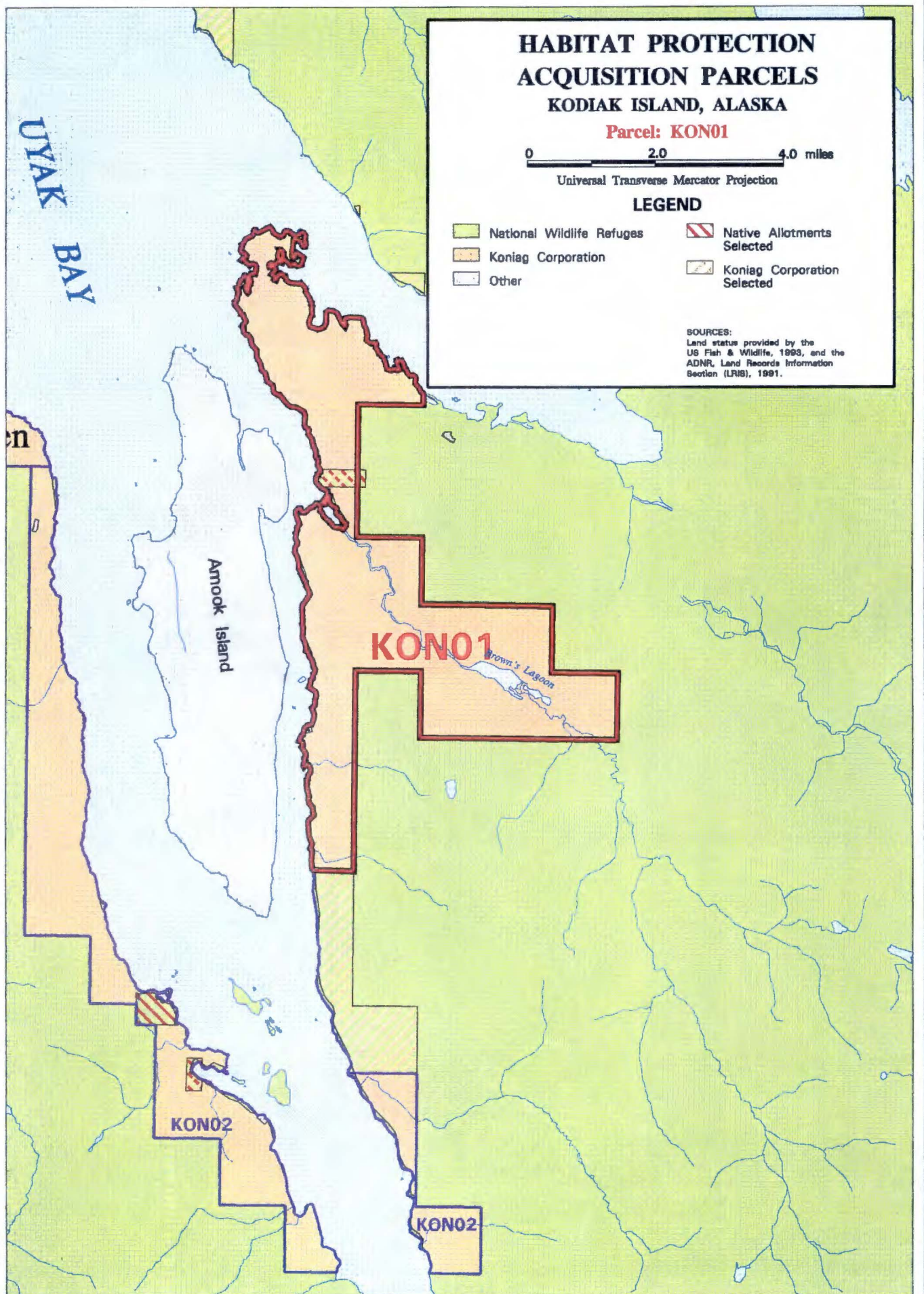
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Koniag Corporation        |  Koniag Corporation Selected |
|  Other                     |   |

**SOURCES:**  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON01	PARCEL NAME: Brown's Lagoon	SCORE: 58.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 9,900

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	One documented spawning stream; stream and lake supports annual escapement of 50,000+.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	High annual harvest within Brown's Lagoon.
BALD EAGLE	High	Twenty-six documented nest sites; feeding concentrations.
BLACK OYSTERCATCHER	High	Feeding area; known nesting.
COMMON MURRE	Moderate	Winter feeding concentrations in nearshore waters.
HARBOR SEAL	High	Three known haulouts; feeding concentrations in Brown's Lagoon.
HARLEQUIN DUCK	High	Probable nesting; molting on nearshore rocks and islands; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	High	Extensive mussel beds and rocky intertidal areas along Carlsen Point; eelgrass beds in Brown's Lagoon; high tidal flow in adjacent Amook Pass.
MARbled MURRELET	High	High feeding use in Amook Pass; high probability of nesting in Carlsen Point area.
PIGEON GUILLEMOT	High	Feeding in nearshore waters; nesting on parcel with numerous colonies.
RIVER OTTER	High	Feeding and known latrine sites along Brown's Lagoon; probable denning.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON01	PARCEL NAME: Brown's Lagoon	SCORE: 58.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 9,900

SEA OTTER	High	Known pupping, feeding and haulouts in nearshore waters.
RECREATION/TOURISM	High	Easy access for hunting; several commercial guiding services for bear hunting and viewing; fishing.
WILDERNESS	Low	
CULTURAL RESOURCES	High	Documented village site at Carlsen Point.
SUBSISTENCE	High	Hunting (waterfowl, marine mammals, salmon, and deer); shellfish gathering.

**ECOLOGICAL SIGNIFICANCE:** Extensive, highly productive intertidal zone adjacent to parcel.

**ADJACENT LAND MANAGEMENT:** U.S. Fish and Wildlife Service.

**ADDITIONAL CONSIDERATIONS:** Increasing recreational and subsistence use conflicts with high bear use of Brown's Lagoon. Numerous privately-owned 10-acre parcels throughout the tract.

**PROTECTION OBJECTIVE:** 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, pigeon guillemots and marbled murrelet; and 3) minimize disturbance to nearshore and intertidal habitat use.

RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
14H, 1M	Y	N	Y	N	Y	N	Y	58.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 02**  
**UYAK BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS

KODIAK ISLAND, ALASKA

Parcel: **KON02**

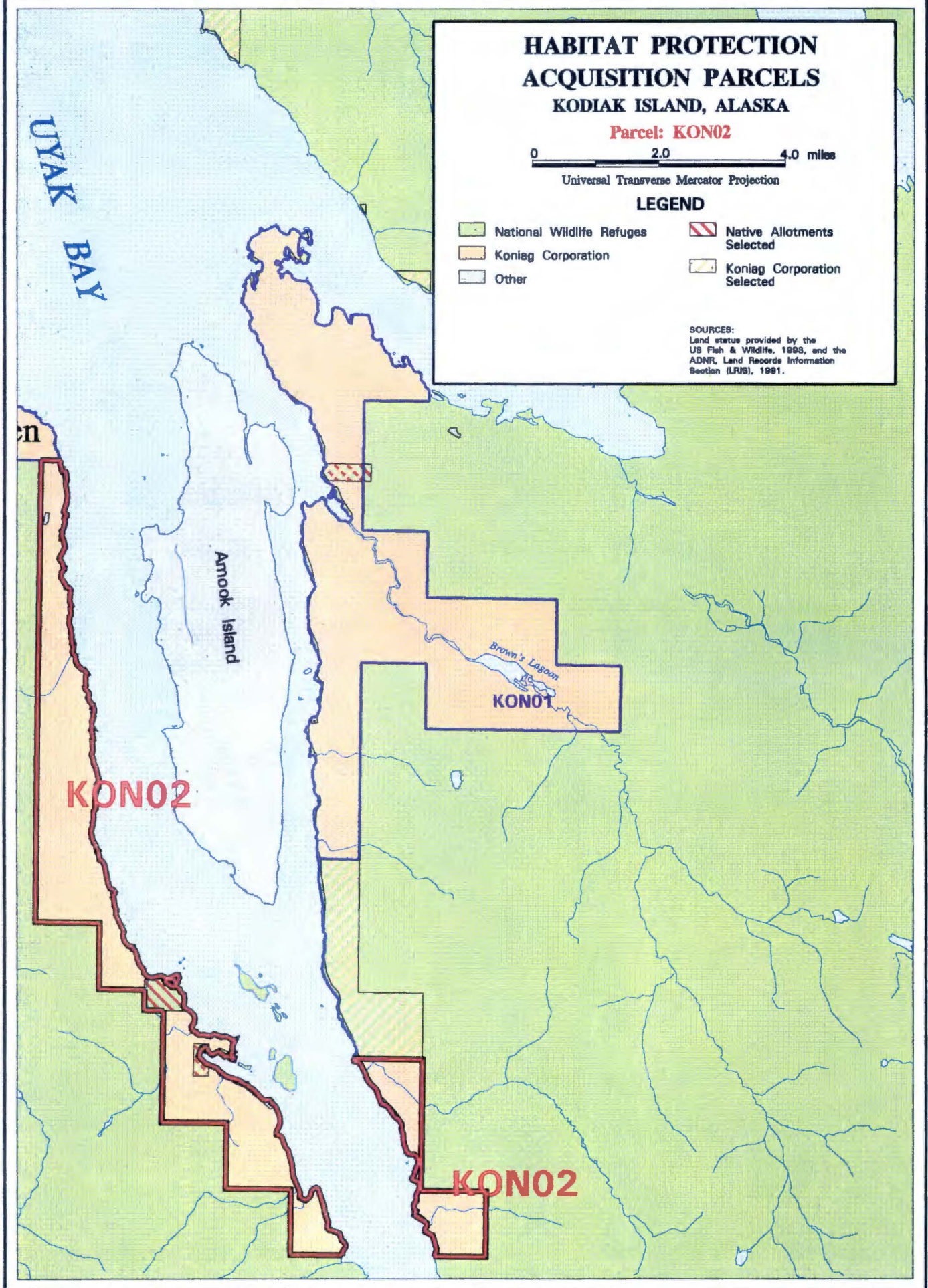
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Koniag Corporation        |  Koniag Corporation Selected |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON02	PARCEL NAME: Uyak Bay	SCORE: 54.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 7,000

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Moderate	Spawning along nearshore waters.
BALD EAGLE	High	Twenty-eight documented nest sites; feeding in nearshore.
BLACK OYSTERCATCHER	Moderate	Feeding along shoreline; possible nesting.
COMMON MURRE	Moderate	Winter feeding concentrations in nearshore waters.
HARBOR SEAL	High	Two known haulouts; feeding in nearshore waters.
HARLEQUIN DUCK	High	Probable nesting; molting on nearshore rocks and islands; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	High	Mussel beds and rocky intertidal areas adjacent to Alf Island and along eastern shoreline; some eelgrass.
MARbled MURRELET	High	High feeding use; high probability of nesting.
PIGEON GUILLEMOT	High	Feeding in nearshore waters; nesting on parcel with numerous colonies.
RIVER OTTER	High	Feeding and known latrine sites; probable denning.
SEA OTTER	High	Probable pupping; feeding in nearshore waters; possible haulout.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON02	PARCEL NAME: Uyak Bay	SCORE: 54.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 7,000

RECREATION/TOURISM	High	Easy access for hunting; bear, deer, waterfowl outfitting services; wildlife viewing; fishing.						
WILDERNESS	High	Minimal evidence of human use.						
CULTURAL RESOURCES	High	Fourteen documented sites.						
SUBSISTENCE	High	Hunting (waterfowl, marine mammals, salmon, and deer); shellfish gathering.						
ECOLOGICAL SIGNIFICANCE: Sheltered embayment supports multiple resource feeding and loafing. Frequented by fin whales, Northern sea lions, killer whales and minke whales.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service.								
ADDITIONAL CONSIDERATIONS: Numerous privately-owned 10-acre parcels throughout the tract. Potential for offshore oil lease sale within Uyak Bay.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, pigeon guillemot, and marbled murrelet; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
12H, 3M	Y	N	Y	N	Y	N	Y	54.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 03**  
**LARSEN BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: KON03

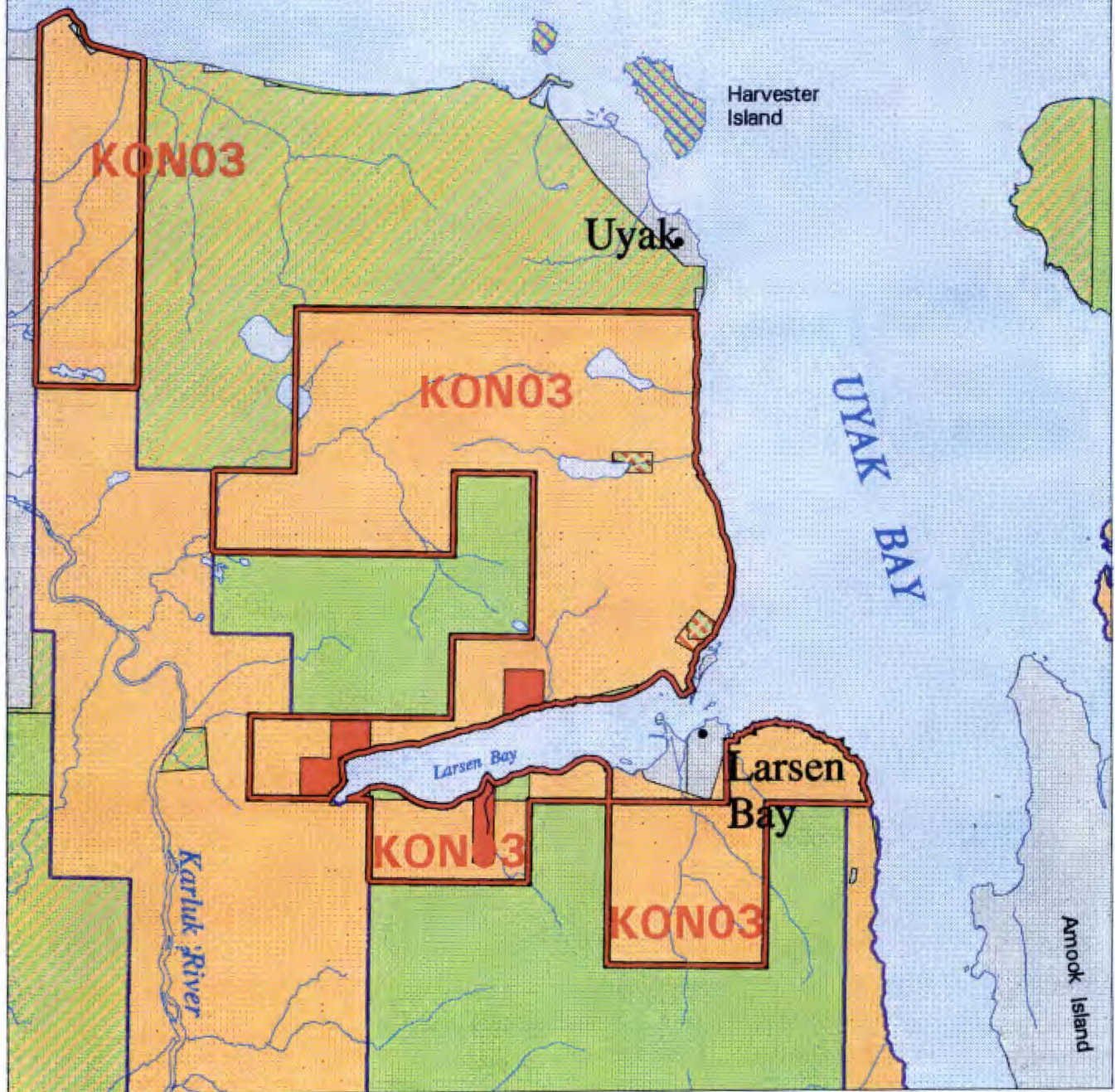
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Koniag Corporation Selected |
|  Koniag Corporation        |  Other Selected              |
|  Other                     |   |
|  State Selected            |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1988, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON03	PARCEL NAME: Larsen Bay	SCORE: 42.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 22,400

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Moderate	Spawning in nearshore waters.
BALD EAGLE	Moderate	Nine documented nest sites; feeding in nearshore.
BLACK OYSTERCATCHER	High	Feeding along shoreline; winter concentrations; probable nesting.
COMMON MURRE	Moderate	Winter feeding concentrations in nearshore waters.
HARBOR SEAL	Moderate	Two small haulouts; feeding in nearshore waters.
HARLEQUIN DUCK	High	Probable nesting; molting on nearshore rocks and islands; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	High	Mussel beds and rocky intertidal areas at entrance to Larsen Bay and along southern headland; eelgrass beds at head of bay.
MARbled MURRELET	High	High feeding use; high probability of nesting along north headland.
PIGEON GUILLEMOT	High	Feeding in nearshore waters; feeding concentrations in winter; potential nesting on north side of bay.
RIVER OTTER	High	Feeding and known latrine sites; probable denning.
SEA OTTER	Moderate	Feeding in adjacent outer bay; harvested for subsistence.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON03	PARCEL NAME: Larsen Bay	SCORE: 42.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 22,400

RECREATION/TOURISM	High	Easy access for hunting; bear, deer and waterfowl; lodges located in the townsite; wildlife viewing; fishing.						
WILDERNESS	Low							
CULTURAL RESOURCES	Low							
SUBSISTENCE	High	Hunting (deer); shellfish gathering; located adjacent to the townsite of Larsen Bay; salmon harvest.						
ECOLOGICAL SIGNIFICANCE: High numbers of sea ducks and sea birds forage in Larsen Bay during winter.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service; Larsen Bay townsite with multiple allotments along shoreline.								
ADDITIONAL CONSIDERATIONS: Offshore oil and gas leasing program proposed for Uyak Bay.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle, pigeon guillemot and marbled murrelet; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
8H, 5M	Y	N	Y	N	Y	N	Y	42.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 04**  
**KARLUK RIVER**

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# HABITAT PROTECTION ACQUISITION PARCELS

KODIAK ISLAND, ALASKA

Parcel: **KON04**

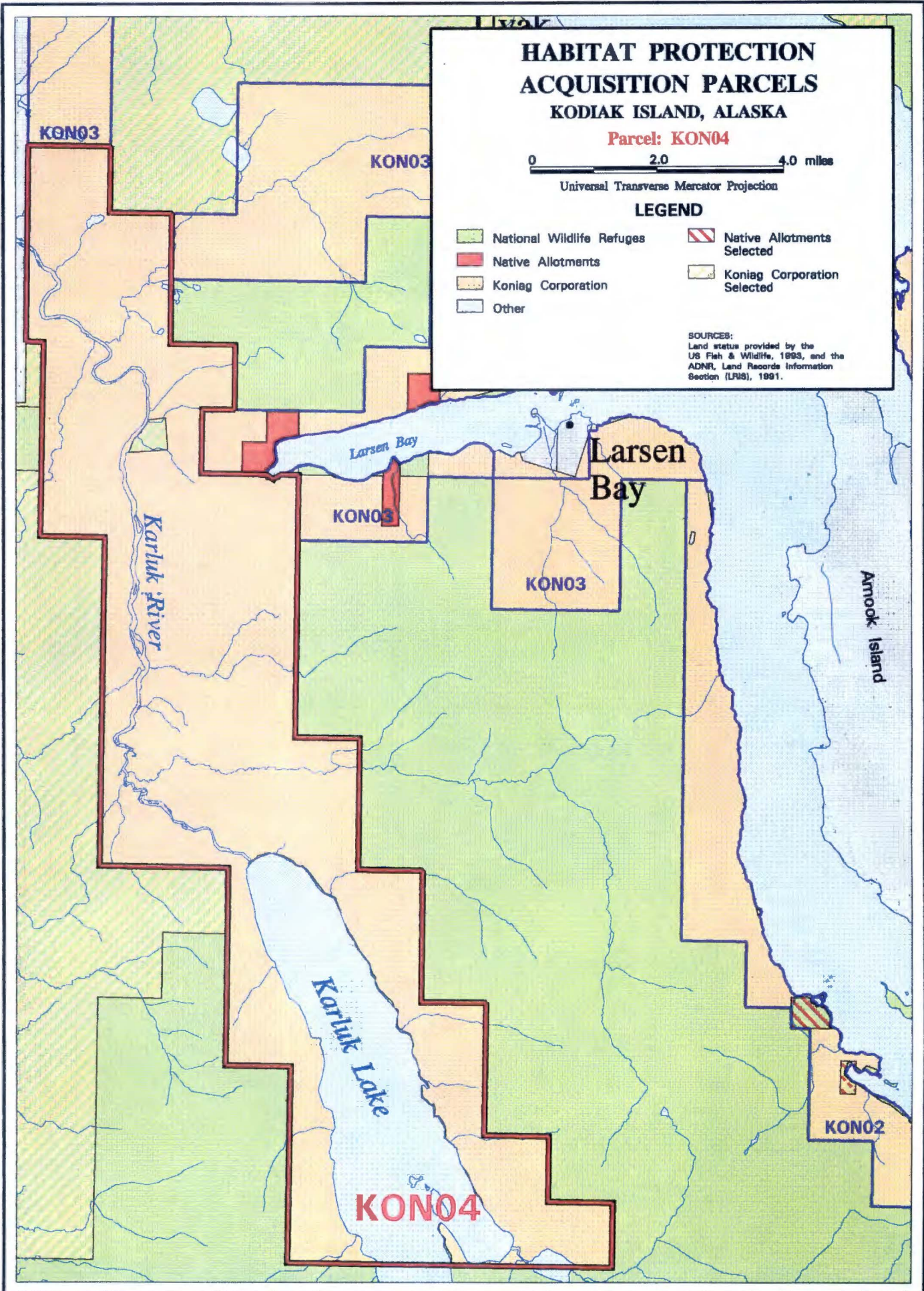
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Koniag Corporation Selected |
|  Koniag Corporation        |   |
|  Other                     |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON04	PARCEL NAME: Karluk River	SCORE: 57.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 28,200

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Three documented spawning streams; Karluk River highly productive.
SOCKEYE SALMON	High	Seven documented spawning streams; Karluk Lake and River highly productive spawning and rearing.
CUTTHROAT TROUT	None	
DOLLY VARDEN	High	Spawning in Karluk system; overwintering in lake.
PACIFIC HERRING	None	
BALD EAGLE	High	Forty-seven documented nest sites; high use winter feeding area.
BLACK OYSTERCATCHER	None	
COMMON MURRE	None	
HARBOR SEAL	None	
HARLEQUIN DUCK	High	Probable nesting; birds observed in drainage during breeding season.
INTERTIDAL/SUBTIDAL BIOTA	None	
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	None	
RIVER OTTER	High	Feeding and known latrine sites; known denning.
SEA OTTER	None	

# HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON04	PARCEL NAME: Karluk River	SCORE: 57.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 28,200

RECREATION/TOURISM	High	World class recreation-use area, primarily guided fishing services; day use for fishing high; easy access for hunting; bear, deer and waterfowl; bear guide service on parcel; lodge located on Camp Island; wildlife viewing; recreational cabin.						
WILDERNESS	Moderate	High recreational use; several cabins.						
CULTURAL RESOURCES	High	Thirty-five documented sites.						
SUBSISTENCE	High	Hunting (waterfowl and deer); fishing; high use by residents of Kodiak Island; salmon, steelhead.						
ECOLOGICAL SIGNIFICANCE: World class recreation area for fishing and hunting. Highest brown bear densities in the world.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Koniag, Inc.								
ADDITIONAL CONSIDERATIONS:								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; and 3) maintain opportunities for recreational use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
9H, 1M	Y	Y	Y	N	Y	Y	Y	57.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 05**  
**HALIBUT BAY**

---

Shelikof Strait

Sturgeon Head

Cape Grant

Halibut Bay

Middle Cape

KON05

KON06

# **HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA**

**Parcel: KON05**

0 2.0 4.0 miles

Universal Transverse Mercator Projection

## **LEGEND**

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected  |
|  Native Allotments         |  Koniag Corporation Selected |
|  Koniag Corporation        |   |
|  Other                     |   |

**SOURCES:**  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNFI, Land Records Information  
Section (LRIS), 1991.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON05	PARCEL NAME: Halibut Bay	SCORE: 42.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 21,900

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Four documented spawning streams.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Moderate	Four documented spawning streams.
PACIFIC HERRING	Low	
BALD EAGLE	Moderate	Four documented nest sites; feeding in nearshore.
BLACK OYSTERCATCHER	Moderate	Feeding along shoreline; possible nesting.
COMMON MURRE	Low	
HARBOR SEAL	High	Haulout along Halibut Bay beach and at Grant's Lagoon; feeding in nearshore waters.
HARLEQUIN DUCK	Moderate	Probable nesting; few birds observed; feeding area.
INTERTIDAL/SUBTIDAL BIOTA	Low	
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	Low	
RIVER OTTER	High	Feeding and known latrine sites; probable denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	High	Minimal evidence of human use.
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.
SUBSISTENCE	High	Hunting (deer); firewood gathering.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON05	PARCEL NAME: Halibut Bay	SCORE: 42.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 21,900

<b>ECOLOGICAL SIGNIFICANCE:</b> Moderate brown bear densities and denning. Northern sea lions use offshore for feeding.								
<b>ADJACENT LAND MANAGEMENT:</b> U.S. Fish and Wildlife Service and Koniag, Inc.								
<b>ADDITIONAL CONSIDERATIONS:</b> Multiple privately-owned Native allotments within parcel. Proposed offshore oil and gas lease sale within Shelikof Straits.								
<b>PROTECTION OBJECTIVE:</b> 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; and 3) minimize disturbance to black oystercatcher and harbor seals.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
4H, 6M	Y	Y	Y	N	Y	Y	Y	42.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**KON 06**  
**STURGEON RIVER**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

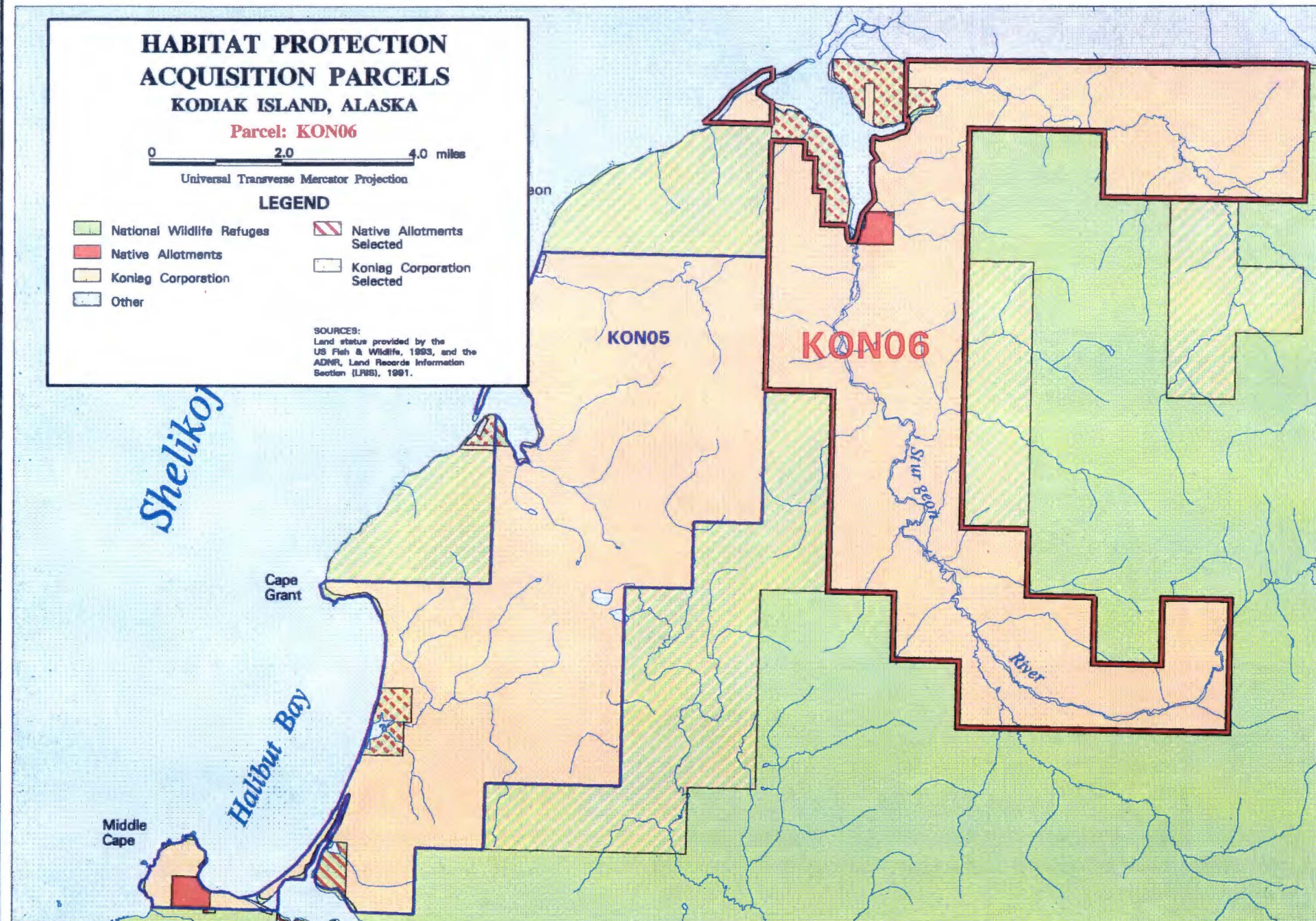
Parcel: KON06

0 2.0 4.0 miles  
Universal Transverse Mercator Projection

## LEGEND

- |   |                           |   |                             |
|---|---------------------------|---|-----------------------------|
|  | National Wildlife Refuges |  | Native Allotments Selected  |
|  | Native Allotments         |  | Koniag Corporation Selected |
|  | Koniag Corporation        |  | Other                       |
|  | Other                     |   |                             |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: K0N06	PARCEL NAME: Sturgeon River	SCORE: 36.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 22,400

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	Five documented spawning streams.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Moderate	Six documented spawning streams.
PACIFIC HERRING	None	
BALD EAGLE	Moderate	Two documented nest sites; important feeding area for non-breeding birds (200-300) in summer.
BLACK OYSTERCATCHER	None	
COMMON MURRE	None	
HARBOR SEAL	Low	
HARLEQUIN DUCK	High	High probability of nesting; observed in stream system in summer.
INTERTIDAL/SUBTIDAL BIOTA	None	
MARbled MURRELET	Low	
PIGEON GUILLEMOT	None	
RIVER OTTER	High	Feeding and known latrine sites; probable denning.
SEA OTTER	None	
RECREATION/TOURISM	Low	
WILDERNESS	High	Minimal evidence of human use; cabins.
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on sites.
SUBSISTENCE	High	Hunting (deer); fishing; marine invertebrates.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: KON06	PARCEL NAME: Sturgeon River	SCORE: 36.0
LANDOWNER: Koniag, Inc.		PARCEL ACREAGE: 22,400

ECOLOGICAL SIGNIFICANCE: High brown bear densities and denning; steelhead.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Koniag, Inc.								
ADDITIONAL CONSIDERATIONS: Privately-owned Native allotments adjacent to parcel.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin ducks and 2) maintain nesting opportunities for bald eagle.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
4H, 4M	Y	Y	Y	N	Y	Y	Y	36.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**OLD 01**  
**KILIUDA BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: **OLD01**

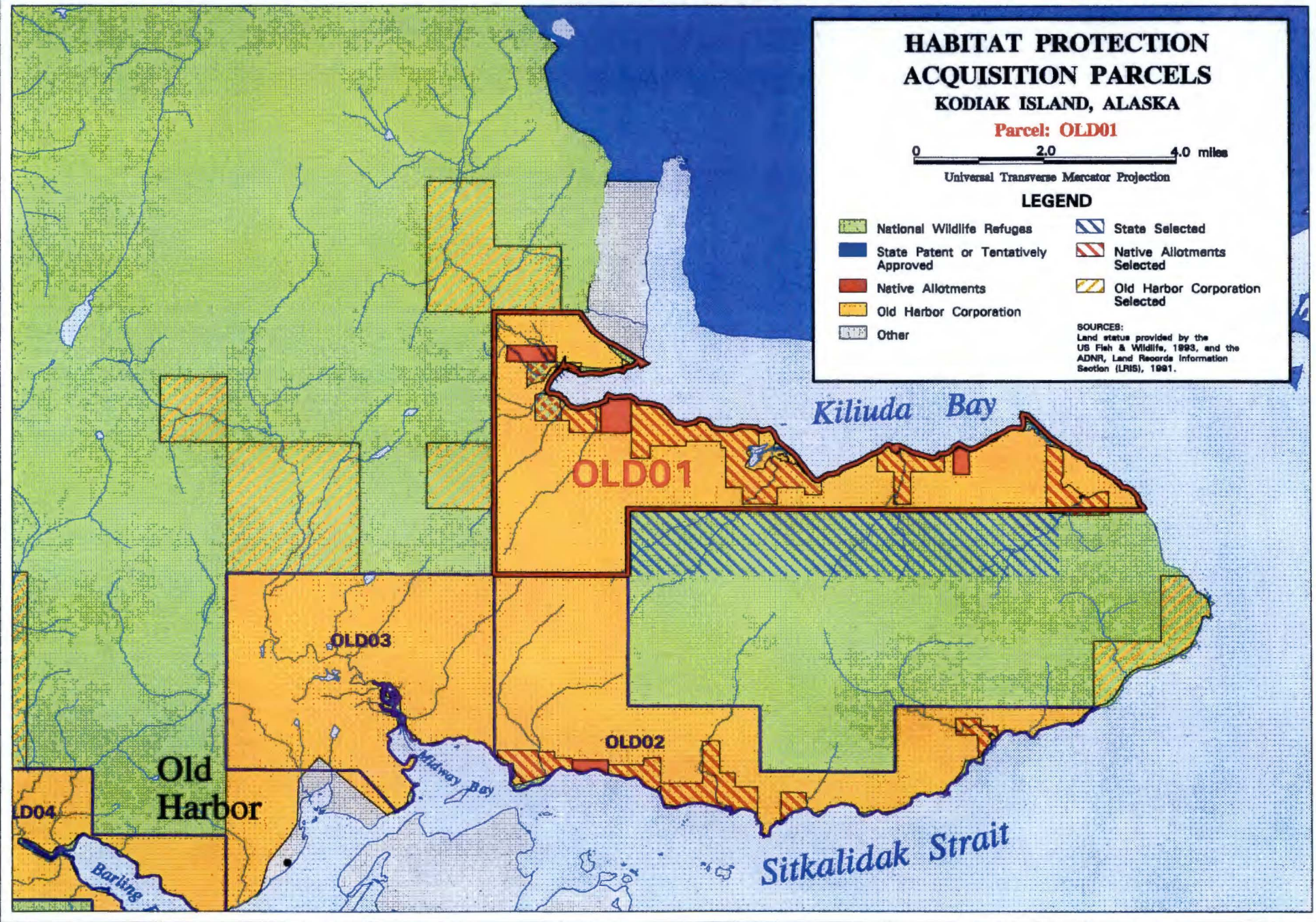
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |  |   |
|--|---|
|  National Wildlife Refuges            |  State Selected                  |
|  State Patent or Tentatively Approved |  Native Allotments Selected      |
|  Native Allotments                    |  Old Harbor Corporation Selected |
|  Old Harbor Corporation               |   |
|  Other                                |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD01	PARCEL NAME: Kiliuda Bay	SCORE: 34.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 9,500

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Eight documented spawning streams; some have high productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Extensive, consistent herring spawning.
BALD EAGLE	High	Eighteen documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Moderate	Known winter feeding concentrations in nearshore waters.
HARBOR SEAL	Moderate	Probable haulout in vicinity of parcel; feeding in nearshore waters.
HARLEQUIN DUCK	Moderate	Feeding and molting along shoreline and nearshore rocks; probable nesting on anadromous streams.
INTERTIDAL/SUBTIDAL BIOTA	Low	
MARbled MURRELET	Low	
PIGEON GUILLEMOT	Moderate	One documented colony at Pivot Point and another probable colony in inner bay.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Moderate	Commercial and recreational hunting and fishing lodges; recreational trapping.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD01	PARCEL NAME: Kiliuda Bay	SCORE: 34.0
LANDOWNER: Old Harbor Native Corporation	PARCEL ACREAGE: 9,500	

WILDERNESS	Moderate	Existing lodge development; extensive boat and aircraft traffic.						
CULTURAL RESOURCES	High	Three documented sites.						
SUBSISTENCE	High	Used by residents of Old Harbor for deer harvest and trapping; salmon fishing and waterfowl hunting.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish streams also support populations of coho and chum salmon. West end of bay has high brown bear feeding and denning habitat.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service.								
ADDITIONAL CONSIDERATIONS: Parcel contains extensive Native allotments along shoreline; possible increasing lodge and cabin development.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle and pigeon guillemot; and 3) minimize disturbance to nearshore and intertidal habitat use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
5H, 7M	Y	N	Y	N	Y	N	Y	34.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**OLD 02**  
**SITKALIDAK STRAIT**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: **OLD02**

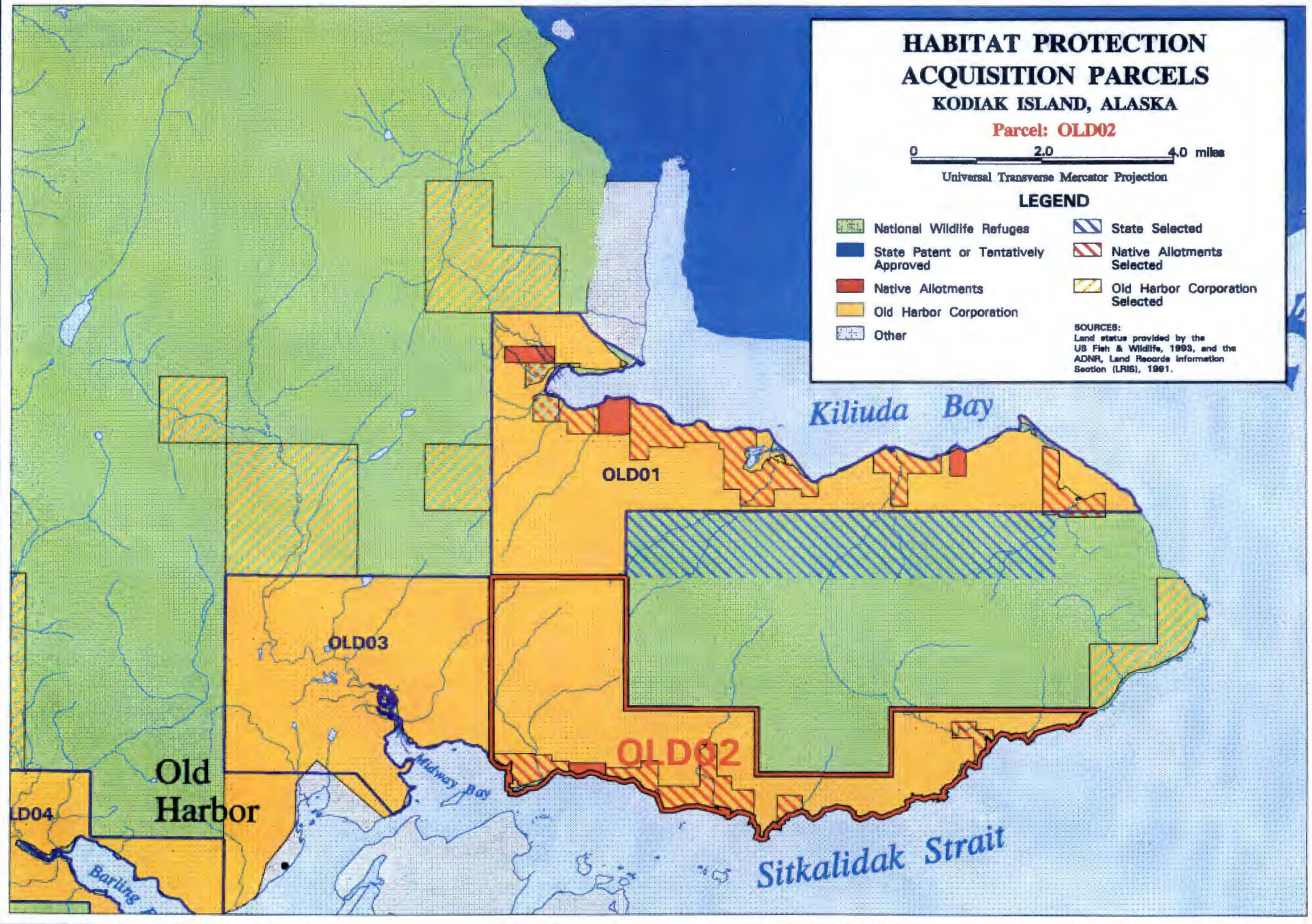
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |  |   |
|--|---|
|  National Wildlife Refuges            |  State Selected                  |
|  State Patent or Tentatively Approved |  Native Allotments Selected      |
|  Native Allotments                    |  Old Harbor Corporation Selected |
|  Old Harbor Corporation               |   |
|  Other                                |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD02	PARCEL NAME: Sitkalidak Strait	SCORE: 30.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 8,000

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Extensive, consistent herring spawning adjacent to parcel.
BALD EAGLE	Moderate	Seven documented nest sites.
BLACK OYSTERCATCHER	Moderate	Feeding and possible nesting on numerous nearshore rocks.
COMMON MURRE	Low	
HARBOR SEAL	High	Known haulout at Three Sisters Rocks.
HARLEQUIN DUCK	Moderate	Feeding and molting along shoreline and nearshore rocks; high potential for nesting on anadromous streams.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Rocky, shallow intertidal; estuarine habitats; numerous rocks and islets; eelgrass.
MARBLED MURRELET	Low	
PIGEON GUILLEMOT	Moderate	Documented colony at Ghost Rocks; possible colony in inner bay; feeding in nearshore waters.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Low	
WILDERNESS	High	Little evidence of human development.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD02	PARCEL NAME: Sitkalidak Strait	SCORE: 30.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 8,000

CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	High	Used by residents of Old Harbor for deer, waterfowl, marine mammals harvesting and trapping; fishing; marine invertebrates.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish streams also support populations of chum salmon. West end of bay has some brown bear feeding. Sea lions forage in bay. Killer whales also present. Steller's eider occur in nearshore waters.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Old Harbor Native Corporation.								
ADDITIONAL CONSIDERATIONS: Parcel contains extensive Native allotments along shoreline; possible increasing lodge and cabin development.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
4H, 7M	Y	N	Y	N	Y	N	Y	30.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**OLD 03**  
**MIDWAY BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: **OLD03**

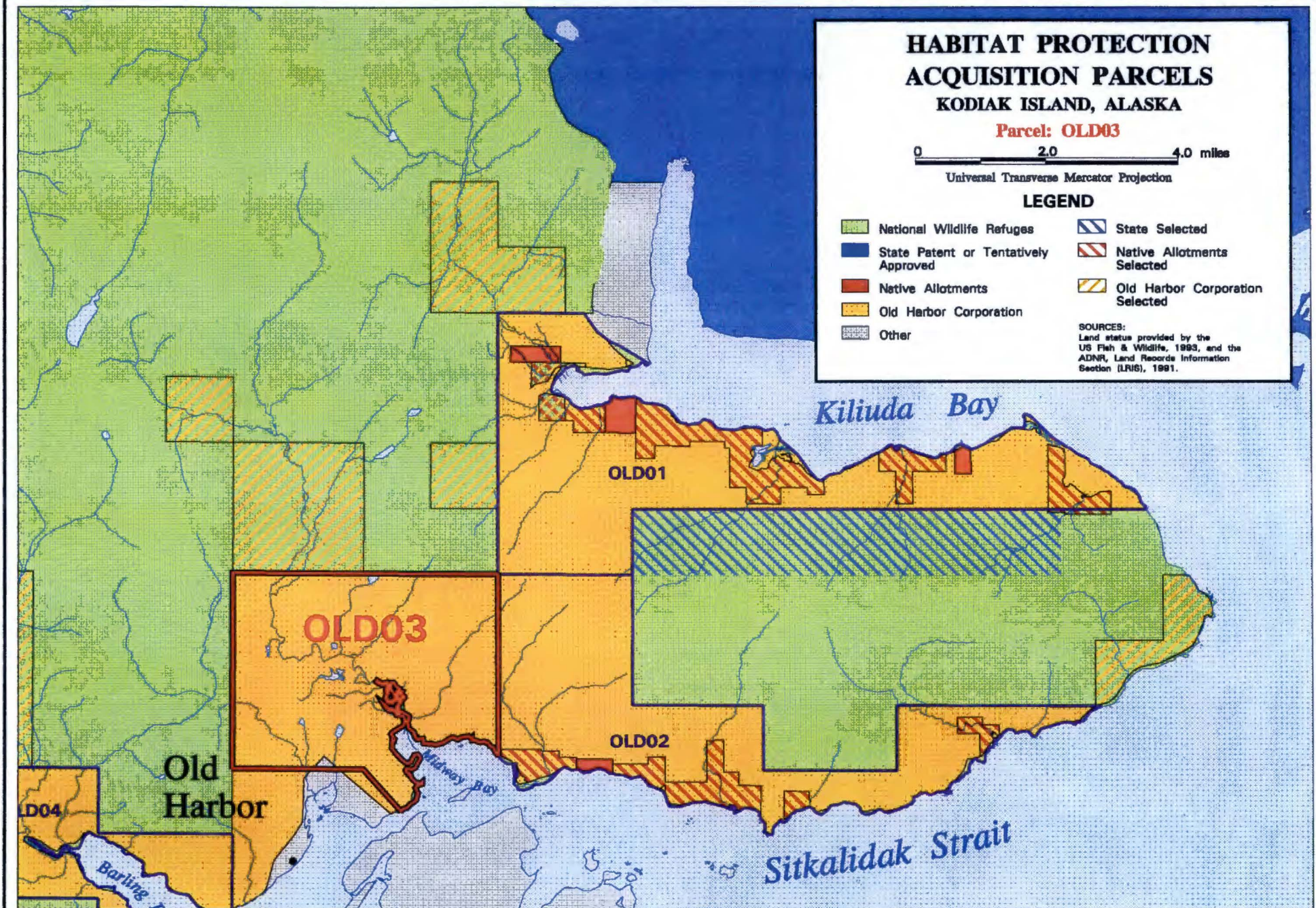
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |  |   |
|--|---|
|  National Wildlife Refuges            |  State Selected                  |
|  State Patent or Tentatively Approved |  Native Allotments Selected      |
|  Native Allotments                    |  Old Harbor Corporation Selected |
|  Old Harbor Corporation               |   |
|  Other                                |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1983, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD03	PARCEL NAME: Midway Bay	SCORE: 28.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 7,300

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Moderate	One documented spawning stream; moderate productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Moderate	Documented herring spawning adjacent to parcel.
BALD EAGLE	High	Six documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Low	
HARBOR SEAL	Low	
HARLEQUIN DUCK	High	High feeding concentrations during winter; molting along shoreline and nearshore rocks; high potential for nesting on anadromous stream.
INTERTIDAL/SUBTIDAL BIOTA	High	Shallow intertidal; extensive estuarine habitats at head of bay; rocks and islets in outer bay; eelgrass; extensive mussel beds in Sitkalidak Passage.
MARbled MURRELET	Low	
PIGEON GUILLEMOT	Moderate	Documented colony on adjacent Sheep Island; feeding in Straits.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	

# HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD03	PARCEL NAME: Midway Bay	SCORE: 28.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 7,300

RECREATION/TOURISM	Moderate	Some use by Old Harbor-based marine outfitters; camping, waterfowl hunting.						
WILDERNESS	Low							
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	High	Used by residents of Old Harbor for deer, fish, waterfowl, marine mammals harvesting and trapping.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish stream also supports populations of chum and coho salmon. Moderate brown bear feeding. Steller's eiders feed in nearshore waters. Northern sea lion forage in bay.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Old Harbor Native Corporation.								
ADDITIONAL CONSIDERATIONS: Community expansion and disturbance is increasing adjacent to parcel.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
4H, 6M	Y	N	Y	N	Y	N	Y	28.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**OLD 04**  
**BARLING BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS KODIAK ISLAND, ALASKA

Parcel: **OLD04**

0 2.0 4.0 miles

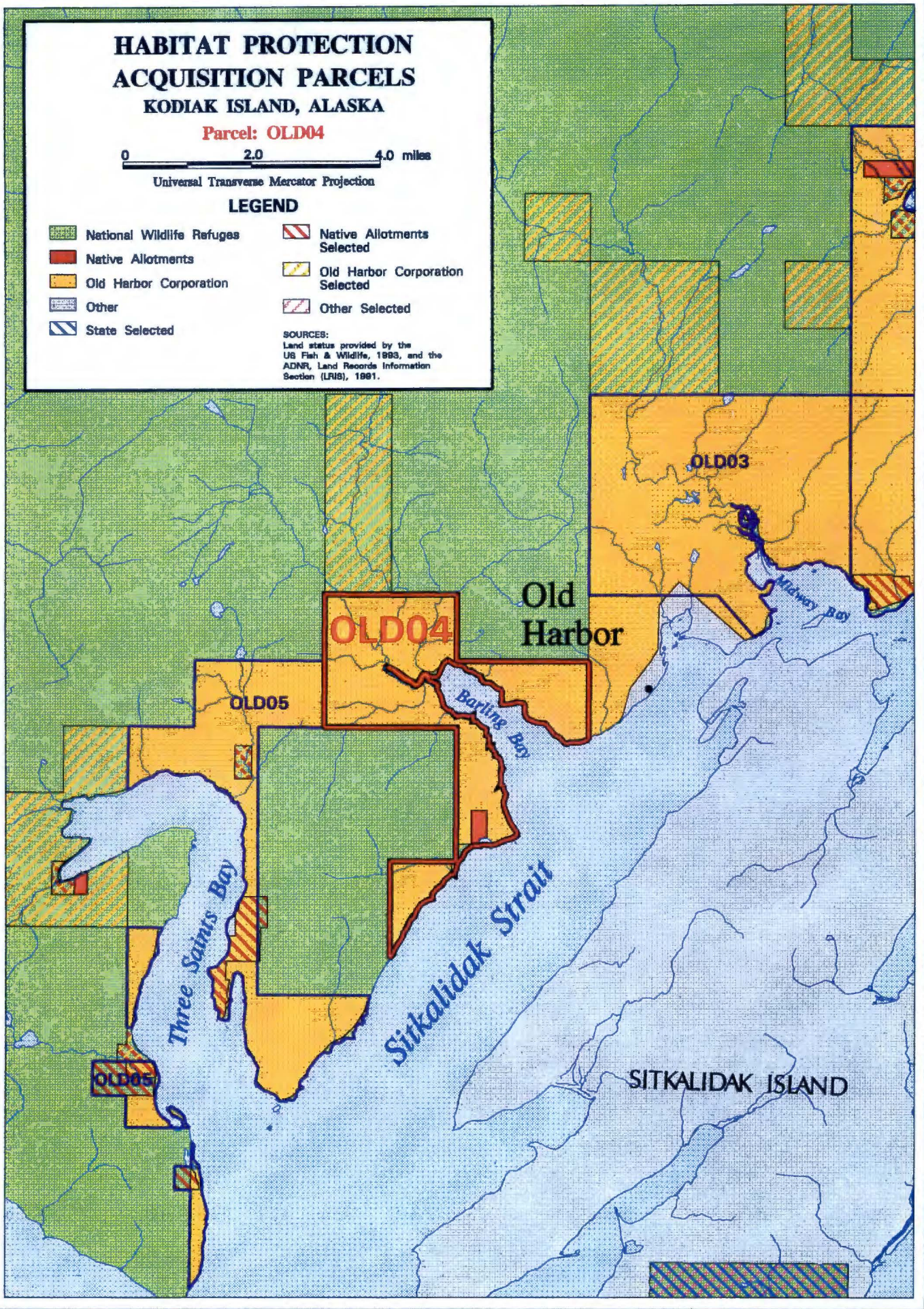
Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected      |
|  Native Allotments         |  Old Harbor Corporation Selected |
|  Old Harbor Corporation    |  Other Selected                  |
|  Other                     |   |
|  State Selected            |   |

## SOURCES:

Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD04	PARCEL NAME: Barling Bay	SCORE: 35.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 4,600

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	High	Two documented spawning streams; high productivity.
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	High	Consistent, documented herring spawning adjacent to parcel.
BALD EAGLE	Moderate	Three documented nest sites.
BLACK OYSTERCATCHER	Low	
COMMON MURRE	Moderate	Heavy concentration of winter feeding in Sitkalidak Strait.
HARBOR SEAL	Low	
HARLEQUIN DUCK	Moderate	Probable feeding, probable nesting in adjacent estuarine area.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Shallow intertidal; estuarine habitats at head of bay with eelgrass.
MARbled MURRELET	Low	
PIGEON GUILLEMOT	Low	
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	
RECREATION/TOURISM	Moderate	Some use by Old Harbor-based marine outfitters; waterfowl hunting.
WILDERNESS	Moderate	Proximate to Old Harbor village; boat use.

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD04	PARCEL NAME: Barling Bay	SCORE: 35.0
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 4,600

CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	High	Used by residents of Old Harbor for deer, fish, waterfowl, marine mammals harvest and trapping.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish stream also supports populations of chum and coho salmon. Moderate brown bear feeding. Steller's eiders feed in nearshore waters. Northern sea lion feed in nearshore waters.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service and Old Harbor Native Corporation.								
ADDITIONAL CONSIDERATIONS: Community expansion and disturbance is increasing adjacent to parcel.								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for subsistence use.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
3H, 8M	Y	Y	Y	N	N	Y	Y	35.0

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).

**OLD 05**  
**THREE SAINTS BAY**

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# HABITAT PROTECTION ACQUISITION PARCELS

KODIAK ISLAND, ALASKA

Parcel: OLD05

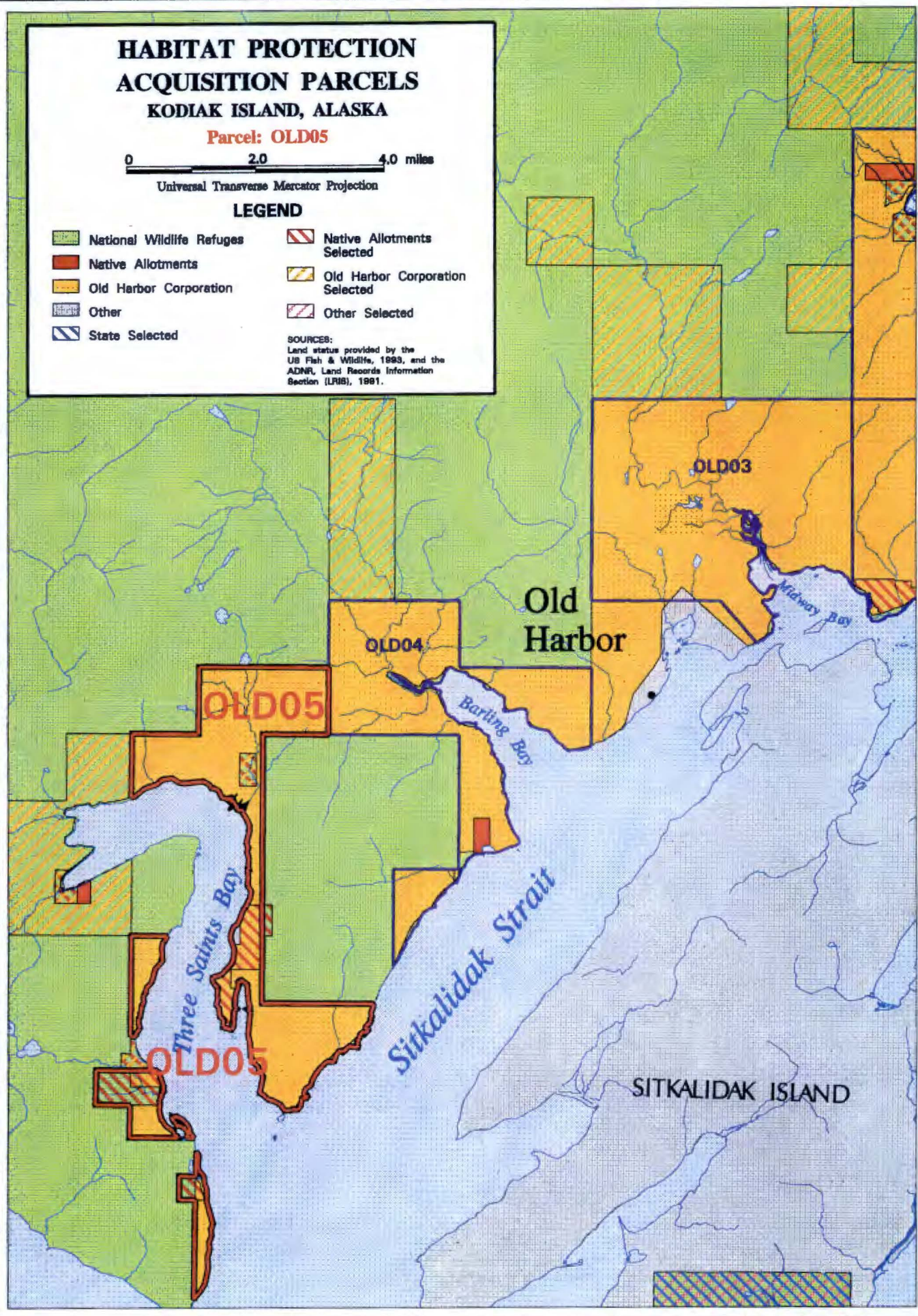
0 2.0 4.0 miles

Universal Transverse Mercator Projection

## LEGEND

- |   |   |
|---|---|
|  National Wildlife Refuges |  Native Allotments Selected      |
|  Native Allotments         |  Old Harbor Corporation Selected |
|  Old Harbor Corporation    |  Other Selected                  |
|  Other                     |  State Selected                  |
|  State Selected            |   |

SOURCES:  
Land status provided by the  
US Fish & Wildlife, 1993, and the  
ADNR, Land Records Information  
Section (LRIS), 1991.



## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD05	PARCEL NAME: Three Saints Bay	SCORE: 37.5
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 5,300

INJURED RESOURCE / SERVICE	POTENTIAL FOR BENEFIT	COMMENT
PINK SALMON	Low	
SOCKEYE SALMON	None	
CUTTHROAT TROUT	None	
DOLLY VARDEN	Low	
PACIFIC HERRING	Low	
BALD EAGLE	High	Fourteen documented nest sites.
BLACK OYSTERCATCHER	Moderate	Documented nesting area; feeding area.
COMMON MURRE	Moderate	Heavy concentration of winter feeding in Sitkalidak Strait.
HARBOR SEAL	Moderate	Probable haulout in adjacent area; feeding.
HARLEQUIN DUCK	Moderate	Probable feeding, probable nesting; molting on John Island.
INTERTIDAL/SUBTIDAL BIOTA	Moderate	Shallow intertidal on west shore; John Island rocky intertidal with mussel beds and <i>Fucus</i> .
MARBLED MURRELET	Moderate	Feeding; probable nesting.
PIGEON GUILLEMOT	Moderate	Feeding concentrations in nearshore waters, particularly in winter; small colonies on John Island.
RIVER OTTER	Moderate	Feeding and known latrine sites along shoreline; possible denning.
SEA OTTER	Low	

## HABITAT PROTECTION PARCEL ANALYSIS

PARCEL #: OLD05	PARCEL NAME: Three Saints Bay	SCORE: 37.5
LANDOWNER: Old Harbor Native Corporation		PARCEL ACREAGE: 5,300

RECREATION/TOURISM	Moderate	Some use by Old Harbor-based marine outfitters; hunting; good anchorage; wildlife viewing; several cabins on parcel.						
WILDERNESS	Moderate	Two cabins.						
CULTURAL RESOURCES	Moderate	Evidence of cultural resources on site.						
SUBSISTENCE	High	Used by residents of Old Harbor for deer and marine mammals harvest.						
ECOLOGICAL SIGNIFICANCE: Anadromous fish stream also supports populations of coho salmon. Steller's eiders and Northern sea lion feed in nearshore waters.								
ADJACENT LAND MANAGEMENT: U.S. Fish and Wildlife Service. Approximately seven small inholdings within area.								
ADDITIONAL CONSIDERATIONS:								
PROTECTION OBJECTIVE: 1) Maintain water quality and riparian habitats for anadromous fish, river otter and harlequin duck; 2) maintain nesting opportunities for bald eagle and pigeon guillemot; 3) minimize disturbance to nearshore and intertidal habitat use; and 4) maintain opportunities for recreational and subsistence uses.								
RANKING CRITERIA								
1	2	3	4	5	6	7	8	TOTAL
2H, 11M	Y	Y	Y	N	N	Y	Y	37.5

<sup>1</sup> Parties other than landowner may own partial rights (e.g., timber, minerals).



**Table 1: Threshold Criteria**

- 1) There is a willing seller of the parcel or property right;
- 2) The parcel contains key habitats that are linked to, replace, provide the equivalent of, or substitute for injured resources or services based on scientific data or other relevant information.
- 3) The seller acknowledges that governments can purchase the parcel or property rights only at or below fair market value;
- 4) Recovery of the injured resource or service would benefit from protection in addition to that provided by the owner and applicable laws and regulations; and
- 5) The acquired property rights can reasonably be incorporated into public land management systems.

**Table 2: Evaluation/Ranking Criteria**

- 1) The parcel contains essential habitat(s)/sites for injured resources or services. Essential habitats include areas for feeding, reproduction, molting, roosting, and migration; essential sites include known or presumed high public use areas. Key factors for determining essential habitat/sites are: (a) population or number of animals or number of public users, (b) number of essential habitats/sites on parcel, and (c) quality of essential habitats/sites.
- 2) The parcel can function as an intact ecological unit or it contains essential habitats that are connected to other elements/habitats in the greater ecosystem.
- 3) Adjacent land uses will not significantly degrade the ecological function of the essential habitat(s) nominated or recommended for protection.
- 4) Protection of the habitats on a parcel would benefit more than one injured resource/service (unless protection of a single resource/service would provide a high recovery benefit).
- 5) The parcel contains critical habitat for a depleted, rare, threatened, or endangered species.
- 6) Essential habitats/sites on a parcel are vulnerable to or potentially threatened by human activity.
- 7) Management of adjacent lands is, or could easily be made compatible with protection of essential habitats on a parcel.
- 8) The parcel is located within the oil spill area.
  - \* Criteria #1 was applied to a parcel as specified in Table 4, page 333 resulting in a score of High, Moderate, or Low for each injured resource / service.
  - \* Criteria #2 through #8 were scored with a simple yes or no indicating potential benefit to the entire ecosystem.

## CRITERIA FOR RATING BENEFIT OF PARCEL TO INJURED RESOURCES / SERVICES

INJURED RESOURCE/SERVICE	HIGH	MODERATE	LOW
Pink Salmon	High density of pink salmon streams per parcel; system known to have exceptional production.	Average density of pink salmon streams on parcel; average production.	Few or no pink salmon streams on parcel; low production.
Sockeye Salmon	Sockeye salmon streams on parcel; system known to have exceptional production.	Sockeye salmon streams on parcel; average production.	Few or no sockeye salmon streams on parcel; low production.
Cutthroat Trout	Cutthroat trout streams on parcel; system known to have exceptional production.	Cutthroat trout streams on parcel; average production.	Few or no cutthroat trout streams on parcel; low production.
Dolly Varden	Dolly Varden streams on parcel; system known to have exceptional production.	Dolly Varden streams on parcel; average production.	Few or no Dolly Varden streams on parcel; low production.
Pacific Herring	Documented consistent annual herring spawning along parcel shoreline.	Occasional spawning along parcel shoreline.	No documented herring spawning along parcel shoreline; possible feeding.
Bald Eagle	High density (1 or more per mile of shoreline) of nests on parcel; and/or known critical feeding area.	Average density (less than one per mile of shoreline) of nests on or immediately adjacent to parcel; important feeding area.	Few or no nests on parcel.
Black Oystercatcher	Area known to support nesting or concentration area for feeding.	Probable nesting; known feeding area.	Possible feeding.
Common Murre	Known nesting on or immediately adjacent to parcel.	Feeding concentrations in nearshore waters.	Possible feeding in area.

Table 4

## CRITERIA FOR RATING BENEFIT OF PARCEL TO INJURED RESOURCES / SERVICES

INJURED RESOURCE/SERVICE	HIGH	MODERATE	LOW
Harbor Seal	Known haul out of 10 or more seals on or immediately adjacent to parcel.	Known haulout, use sporadic, less than 10 seals. Probable haul outs in vicinity of parcel; probable feeding in nearshore waters.	Possible feeding in nearshore waters.
Harlequin Duck	Known nesting or molting concentrations on parcel; feeding concentration area.	Probable nesting on or adjacent to parcel or important for molting; probable feeding in stream, estuary, or intertidal.	Possible feeding and loafing in area adjacent to parcel; some offshore molting.
Intertidal/subtidal Biota	Known high species abundance/diversity; high quality habitat.	Extensive intertidal habitat with observed or probable moderate species diversity and abundance.	Little intertidal habitat with low species abundance.
Marbled Murrelet	Known nesting or high confidence that nesting occurs; feeding concentrations in nearshore waters.	Probable nesting on parcel; known feeding in nearshore waters.	Low likelihood of nesting; possible feeding in nearshore waters.
Pigeon Guillemot	Known nesting on or immediately adjacent to parcel; feeding concentrations in nearshore waters.	Probable nesting; known feeding in nearshore waters.	Low likelihood of nesting; possible feeding in nearshore waters.

Table 4

## CRITERIA FOR RATING BENEFIT OF PARCEL TO INJURED RESOURCES / SERVICES

INJURED RESOURCE/SERVICE	HIGH	MODERATE	LOW
River Otter	Known high use of parcel for denning/latrine sites.	Known or probable latrine and/or denning sites; known feeding in adjacent intertidal/streams/nearshore area.	Possible feeding in adjacent intertidal/streams.
Sea Otter	Known pupping concentrations.	Concentration area for feeding and/or shelter; potential pupping.	Feeding in adjacent waters.
Recreation/Tourism	Receives regular, high directed public use; highly visible to a large number of recreationists/tourists.	Receives occasional public use; adjacent waters used for recreational boating; adjacent area receives high public use.	Low to no recreational use; access may be difficult.
Wilderness	Area remote; little or no evidence of human development.	Area remote; evidence of human development and/or ongoing activities.	High/moderate evidence of human development and/or ongoing activities.
Cultural Resources	Documented concentration or significant cultural resources/sites on parcel.	No significant cultural resources/sites on or adjacent to parcel.	No known or suspected cultural resources/sites on parcel.
Subsistence	Known current subsistence use area.	Known historic subsistence use area, which may be used again.	Status as a subsistence use area unknown.

Table 4

## LARGE PARCEL EVALUATION and RANKING

PARCEL #	PARCEL NAME	REGION*	RANK	LANDOWNER	ACREAGE
AJV 03	Pauls/Laura Lake	KOD	High	Afognak Joint Venture	13,400
EYA 02	Sheep Bay	PWS	High	Eyak	9,100
CHE 02	Jackpot Bay	PWS	High	Chenega	12,100
TAT 01	Bligh Island	PWS	High	Tatitlek	8,800
AKI 06	North Olga Bay	KOD	High	Akhiok Kaguyak	16,900
CHE 01	Eshamy Bay	PWS	High	Chenega	7,900
AJV 01	Shuyak Strait	KOD	High	Afognak Joint Venture	27,100
AKI 04	Aliulik Peninsula	KOD	High	Akhiok Kaguyak	34,300
EYA 03	Windy Bay/Deep Bay	PWS	High	Eyak	7,100
KIB 01	Shuyak Island	KOD	High	Kodiak Island Borough	27,900
AKI 08	Upper Station Lakes	KOD	High	Akhiok Kaguyak	15,600
KON 01	Brown's Lagoon	KOD	High	Koniag	9,900
KON 04	Karluk River	KOD	High	Koniag	28,200
ENB 06	James Lagoon	KEN	High	English Bay	3,800
EYA 01	Port Gravina	PWS	High	Eyak	3,400
KON 02	Uyak Bay	KOD	High	Koniag	7,000
PTG 05	Delight/Desire Creeks	KEN	High	Port Graham	11,500
AKI 05	Sulua/Portage Bays	KOD	Moderate	Akhiok Kaguyak	8,200
AJV 04	Paramanof Peninsula	KOD	Moderate	Afognak Joint Venture	56,700
ENB 02	Harris Peninsula	KEN	Moderate	English Bay	6,200
PTG 01	Upper Aialik	KEN	Moderate	Port Graham	4,300
AJV 06	Malina Peninsula	KOD	Moderate	Afognak Joint Venture	27,300
AKI 01	Kaiugnak Bay	KOD	Moderate	Akhiok Kaguyak	4,900
CHE 09	Northwest Evans Island	PWS	Moderate	Chenega	6,200
ENB 08	Port Chatham	KEN	Moderate	English Bay	15,700
PTG 02	Northwest Lagoon/Cup Cove	KEN	Moderate	Port Graham	3,500
PTG 11	Chugach Island	KEN	Moderate	Port Graham	3,300
AKI 09	Sukhoi/Kempff Bays	KOD	Moderate	Akhiok Kaguyak	15,900
CAC 02	Bay of Isles	PWS	Moderate	Chugach Alaska	10,800
CAC 05	Nuchek Island	PWS	Moderate	Chugach Alaska	800
EYA 11	Core Parcels (3)	PWS	Moderate	Eyak	13,700

\*REGION: KEN/Kenai, KON/Kodiak, PWS/Prince William Sound

\*\*Parcels, part of EYA 11, Core Parcels (3)

## LARGE PARCEL EVALUATION and RANKING

PARCEL #	PARCEL NAME	REGION*	RANK	LANDOWNER	ACREAGE
KON 03	Larsen Bay	KOD	Moderate	Koniag	22,400
KON 05	Halibut Bay	KOD	Moderate	Koniag	21,900
AJV 05	Inner Malina Bay	KOD	Moderate	Afognak Joint Venture	12,700
PTG 07	Shelter Cove/Yalik Bay	KEN	Moderate	Port Graham	10,500
CHE 04	Northwest Chenega Island	PWS	Moderate	Chenega	7,300
OLD 05	Three Saints Bay	KOD	Moderate	Old Harbor	5,300
KON 06	Sturgeon River	KOD	Moderate	Koniag	22,400
OLD 04	Barling Bay	KOD	Moderate	Old Harbor	4,600
CHE 03	Granite/Ewan/Paddy Bays	PWS	Moderate	Chenega	15,000
OLD 01	Kiliuda Bay	KOD	Moderate	Old Harbor	9,500
EYA 04	Canoe Passage	PWS	Low	Eyak	3,700
PTG 08	Rocky Bay	KEN	Low	Port Graham	16,200
AKI 02	Kiavak Bay	KOD	Low	Akhiok Kaguyak	4,200
AKI 03	Kaguyak Bay	KOD	Low	Akhiok Kaguyak	12,400
CAC 04	South Latouche	PWS	Low	Chugach Alaska	1,600
CHE 08	Flemming Island	PWS	Low	Chenega	1,700
ENB 01	Bear Cove	KEN	Low	English Bay	1,400
ENB 05	McArthur Pass	KEN	Low	English Bay	7,600
ENB 07	Beauty Bay	KEN	Low	English Bay	8,900
EYA 05	Outer Sheep Bay	PWS	Low	Eyak	7,600
OLD 02	Sitkalidak Strait	KOD	Low	Old Harbor	8,000
SEL 02	Barbara Creek	KEN	Low	Seldovia	10,100
EYA 07	East Simpson Bay	PWS	Low	Eyak	3,300
OLD 03	Midway Bay	KOD	Low	Old Harbor	7,300
ENB 03	North Arm Nuka Bay	KEN	Low	English Bay	4,600
CAC 01	Drier Bay	PWS	Low	Chugach Alaska	3,200
CHE 06	South Knight Island	PWS	Low	Chenega	5,400
EYA 06	West Simpson Bay	PWS	Low	Eyak	4,000
AKI 07	Olga Bay Narrows	KOD	Low	Akhiok Kaguyak	15,200
PTG 06	Surprise Bay/Quartz Bay	KEN	Low	Port Graham	12,400

\*REGION: KEN/Kenai, KON/Kodiak, PWS/Prince William Sound

\*\*Parcels, part of EYA 11, Core Parcels (3)

## LARGE PARCEL EVALUATION and RANKING

PARCEL #	PARCEL NAME	REGION*	RANK	LANDOWNER	ACREAGE
SEL 01	Seldovia Bay	KEN	Low	Seldovia	18,600
CAC 03	Central Latouche	PWS	Low	Chugach Alaska	12,900
PTG 09	Windy/Chugach Bays	KEN	Low	Port Graham	15,300
PTG 03	Sandy Bay/Paguna Arm	KEN	Low	Port Graham	3,400
CHE 05	Southeast Chenega Island	PWS	Low	Chenega	8,300
SEL 03	Jakalof Bay	KEN	Low	Seldovia	13,100
EYA 08	**Power Creek	PWS	Low	Eyak	4,800
EYA 09	**Eyak Lake	PWS	Low	Eyak	5,100
ENB 09	Dogfish Bay	KEN	Low	English Bay	14,700
AJV 02	Delphin Point	KOD	Low	Afognak Joint Venture	2,100
ENB 04	Upper Paguna/Thunder Bay	KEN	Low	English Bay	5,900
EYA 10	**Eyak River	PWS	Low	Eyak	3,800
EYA 13	Orca Narrows/Nelson Bay	PWS	Low	Eyak	4,600
CHE 11	Pleiades Islands	PWS	Low	Chenega	400
CHE 10	Sleepy Bay	PWS	Low	Chenega	3,700
CHE 07	Northeast Whale Bay	PWS	Low	Chenega	1,500
PTG 04	Black Bay	KEN	Low	Port Graham	2,300
EYA 12	Rude River	PWS	Low	Eyak	6,900
ENB 10	English Bay River	KEN	Low	English Bay	15,400
PTG 10	Port Graham Uplands	KEN	Low	Port Graham	28,400

\*REGION: KEN/Kenai, KON/Kodiak, PWS/Prince William Sound

\*\*Parcels, part of EYA 11, Core Parcels (3)