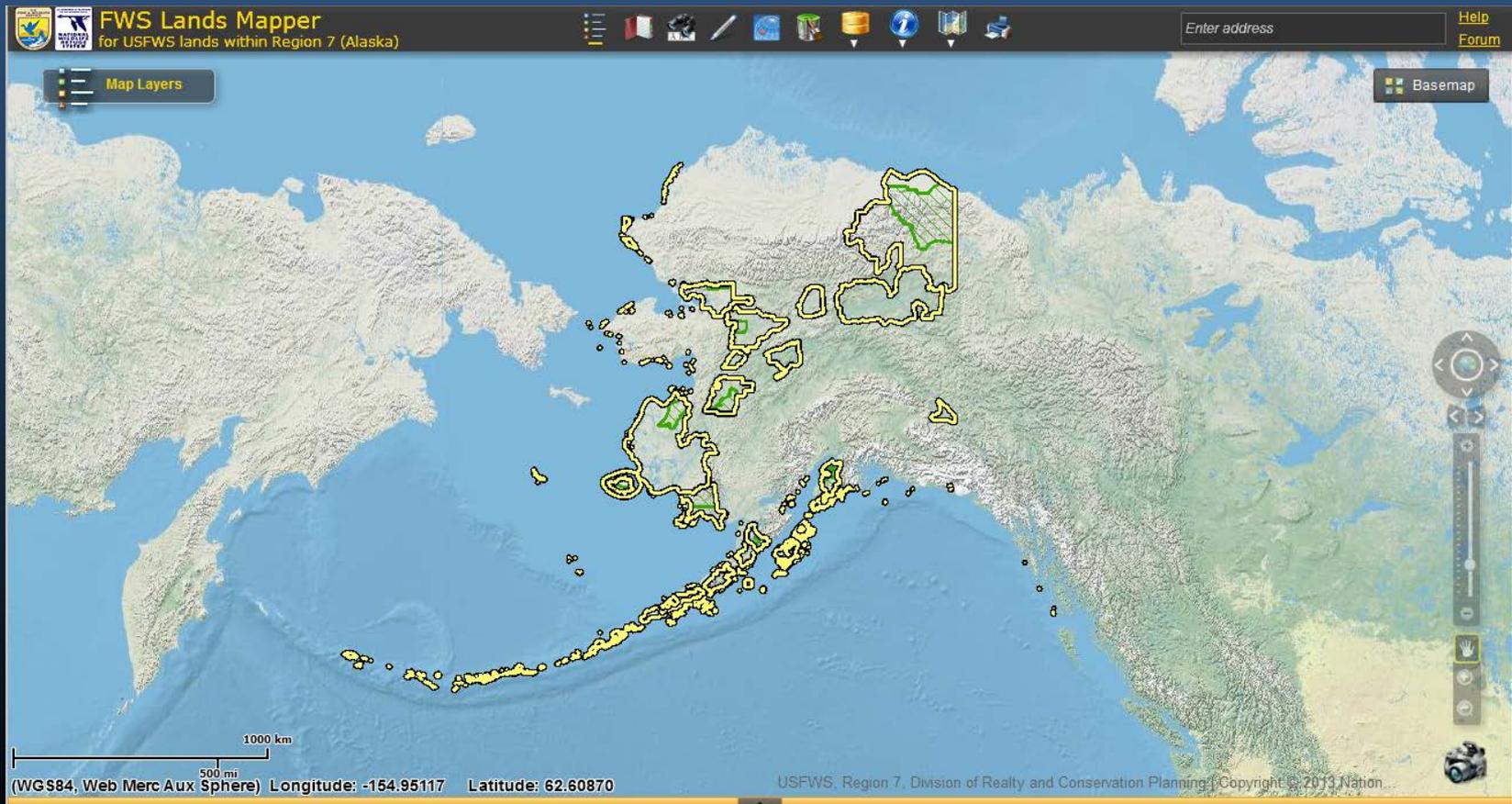




# Guide Use Areas and the Region 7 Land Mapper



The USFWS Region 7 Land Mapper is a useful tool for exploring land ownership within the Alaska national wildlife refuges. This tutorial describes how to query for, and view, land that has been selected by native village and regional corporations.

The Land Mapper has a very comprehensive **Help** system and even includes a **user forum**. Be sure to take advantage of these resources, as they provide much more detail than does this short tutorial.



# Guide Use Areas and the Region 7 Land Mapper

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## Objective

For this tutorial, we will assume that you need to do the following:

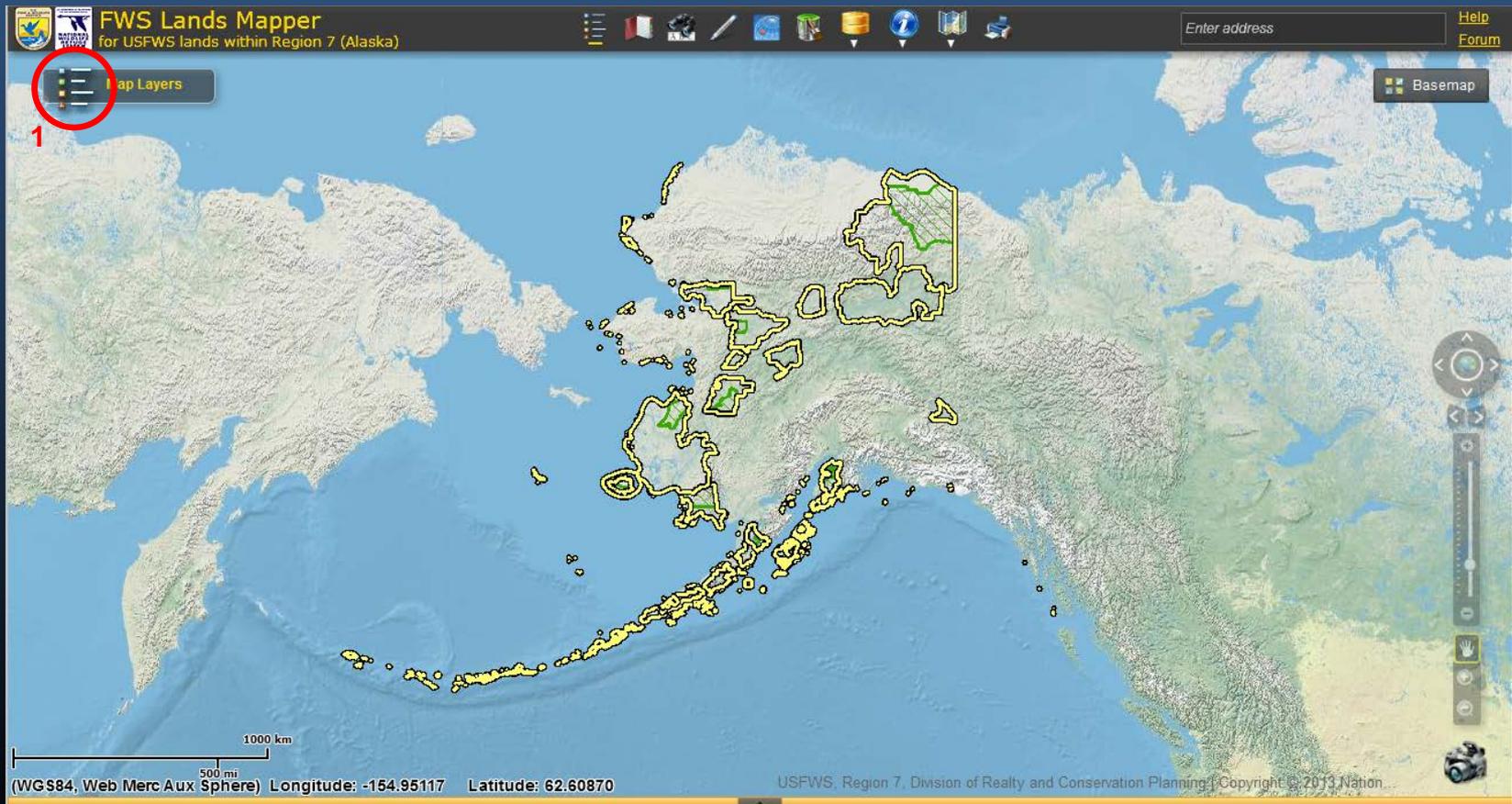
- View village and regional corporation selected land within Arctic NWR Guide Use Area **ARC 02**
- Find out which native corporation has selected the land

## Let's Begin

Open a web browser and go to <http://ifw7realty/refstat>



# Guide Use Areas and the Region 7 Land Mapper



- 1) Click the icon on the left side of the **Map Layers** list. This will expand the list so you can see all the different data layers.



# Guide Use Areas and the Region 7 Land Mapper

**FWS Lands Mapper**  
for USFWS lands within Region 7 (Alaska)

Map Layers

- Place Names
- 2**  **Boundaries**
- USGS Topo Maps
- Public Land Survey System
- Infrastructure
- Surface (USFWS)
- Surface (Other Federal)
- Surface (Patented)
- Surface (Selected)
- Subsurface (USFWS)
- Subsurface (Other Federal)
- Subsurface (Patented)
- Subsurface (Selected)
- Easements
- BLM's Generalized Surface Estate

Basemap

Latitude: 46.27892

USFWS, Region 7, Division of Realty and Conservation Planning | Copyright © 2013 Nation...

2) Click the + sign to the left of **Boundaries**.



# Guide Use Areas and the Region 7 Land Mapper

- 3) Click the **small square** to the left of **FWS Guide Use Areas**. This turns on the guide use area boundaries.
- 4) Click the **Minimize** icon in the upper right corner of the Map Layers window.



# Guide Use Areas and the Region 7 Land Mapper

The screenshot displays the FWS Lands Mapper interface for Region 7 (Alaska). The main map shows the Arctic NWR area. A 'Select Features' window is open on the left, and a 'Village Native Corp.' popup is visible on the right. Numbered callouts indicate the following steps:

- 5: Click the **Select Features** tool from the toolbar at the top of the Mapper.
- 6: In the Select Features window, for **Target Layer**, select **Surface (Selected)**.
- 7: In the **Select \* From...** area at the bottom of the Select Features window, enter the following selection statement:  
`Refuge = 'arc' and Owntyp in ('vnc', 'rnc')`
- 8: Click the **Select** button.
- 9: Click the **Minimize** button in the upper right corner of the Select Features window.

The popup for Village Native Corp. displays the following information:

- Case Type: Village Selection (12A)
- Surface Status: Selected
- Refuge Name: Arctic
- Full Serial No.: FF014870 A
- Main Serial No.: FF014870
- Conveyance No.:
- Conveyance Date:
- Acres (GIS): 2560.1955
- Acres (Legal):
- US Survey No.:
- Lot No.:
- Block No.:
- Notes:
- Survey Tract:
- LRS Tract:
- Island Name:
- NWR Unit:

- 5) Click the **Select Features** tool from the toolbar at the top of the Mapper.
- 6) In the Select Features window, for **Target Layer**, select **Surface (Selected)**.
- 7) In the **Select \* From...** area at the bottom of the Select Features window, enter the following selection statement:

`Refuge = 'arc' and Owntyp in ('vnc', 'rnc')`

- 8) Click the **Select** button.
- 9) Click the **Minimize** button in the upper right corner of the Select Features window.



# Guide Use Areas and the Region 7 Land Mapper

FWS Lands Mapper  
for USFWS lands within Region 7 (Alaska)

Map Layers  
Select Featur...

Enter address  
Help  
Forum

Basemap

Village Native Corp.  
Case Type: Village Selection (12A)  
Surface Status: Selected  
Refuge Name: Arctic  
Full Serial No.: FF014870 A  
Main Serial No.: FF014870  
Conveyance No.:  
Conveyance Date:  
Acres (GIS): 2560.1955  
Acres (Legal):  
US Survey No.:  
Lot No.:  
Block No.:  
Notes:  
Survey Tract:  
LRS Tract:  
Island Name:  
NWR Unit:

ARCTIC NATIONAL WILDLIFE REFUGE  
GUA ARC 02  
11

(WGS84, Web Merc Aux Sphere) Longitude: -143.56086 Latitude: 70.10594  
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10) Zoom in on one of the parcels that were selected by the query.

11) The parcels that you queried for are highlighted in orange. In this example, you can see that there are **two parcels** of **village corporation selected land** within Arctic NWR Guide Use Area **ARC 02**.



# Guide Use Areas and the Region 7 Land Mapper

FWS Lands Mapper  
for USFWS lands within Region 7 (Alaska)

Map Layers

Select Feature...

Surface (Village Native Corp.)

1 of 7

Refuge:	Arctic NWR
Init:	
Owner Type:	Village Native Corp.
LR 3 Tract:	
Status:	Selected
Case Type:	Village Selection (12A)
Serial No:	FF014870 C
Convey No:	12
Convey Date:	
Acres (legal):	2,560
Acres (GIS):	
Island Name:	GUARAG 02
USS No:	
USS Lot:	
USS Block:	

Zoom to Show related records

13

(WGS84, Web Merc Aux Sphere) Longitude: -142.24113 Latitude: 70.02939

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- 12) Click one of the **orange-highlighted** parcels. This will open a new window showing information about the parcel.
- 13) Click **Show related records** at the bottom of the info window.



# Guide Use Areas and the Region 7 Land Mapper

**FWS Lands Mapper**  
for USFWS lands within Region 7 (Alaska)

Map Layers | Select Feature... | Enter address | Help Forum | Basemap

**Surface (Village Native Corp.)** 14

Refuge: Arctic NWR  
Unit: Village Native Corp.  
LRS Tract: Selected  
Status: Village Selection (12A)  
Serial No: FF014870 C  
Convey No:  
Convey Date:  
Acres (legal): 2,560  
Island Name:  
USS No:  
USS Lot:  
LISS Block:

Organizations | Individuals

Main Serial No. FF014870  
Surface Owner Kaktovik Inupiat Corp.  
Surface Owner Arctic Slope Regional Corp.  
Surface Owner Type Village Native Corp.  
Village Name Kaktovik

Zoom to | Hide related records

(WGS84, Web Merc Aux Sphere) Longitude: -142.22328 Latitude: 69.97491

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14) Click the **Organizations** button. This will show more detail about the selected parcel.

In this example, you can see that the **orange-colored parcel with the cyan outline** is within guide use area **ARC 02**, it is selected by the **Kaktovik Inupiat Corporation** (an ANCSA village corporation), and it is approximately **2,560 acres** in size.





# Guide Use Areas and the Region 7 Land Mapper

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- [-] First Things First
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  - [i] Alaska Native Corporations
  - [i] Land Status Legends
  - [i] Additional Land Status Resources
  - [i] Surface (USFWS)
  - [i] Surface (Other Federal)
  - [i] Surface (Patented)
  - [i] Surface (Selected)
  - [i] Subsurface (USFWS)
  - [i] Subsurface (Other Federal)
  - [i] Subsurface (Patented)
  - [i] Subsurface (Selected)
  - [i] Easements
  - [i] Townships
  - [i] BLM's Generalized Surface Estate
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  - [i] Refuge Boundaries
  - [i] Wilderness Boundaries
- [-] Using the Tools
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## FWS Lands Mapper

for USFWS Lands within Region 7 (Alaska)

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### Surface (Selected)

This layer identifies the **surface estate that is selected by other entities**. These lands have been selected by entities such as Alaska natives, Village Native Corporations, Regional Native Corporations, the State of Alaska, or other private individuals.

All selected lands contained in this layer remain under the control and administration of the U.S. Fish and Wildlife Service until such time as they are officially conveyed or patented to the selectee.

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### Attribute Schema

Field (Alias)	Type	Values (Domain Description)
Otyp (Owner Code)	Integer	2 (Native Allotment) 3 (Village Native Corp.) 4 (Regional Native Corp.) 5 (State of Alaska) 7 (Other Private)
Owntyp (Owner Type)	Text	na (Native Allotment) vnc (Village Native Corp.) rnc (Regional Native Corp.) ak (State of Alaska) op (Other Private)
Surstat (Surface Status)	Text	s (Selected)
		akm (Alaska Maritime) akp (Alaska Peninsula)

You can learn more about the various land status layers in the **Help** system. Refer to the topic titled **Understanding the Land Status**, which contains a complete description of all database fields and associated land status codes. You can use the fields and codes described to construct queries for the **Select Features** tool.