

Lower Kootenay Band Wetlands Restoration Projects



Yaqan Nukiy Wetland Restoration Project

Yaqan Nukiy Hunting Grounds Ecosystem Restoration Project

- The aim of these projects is to transform old, artificial impoundments into naturally appearing and functioning wetlands that require little to no maintenance.

- 1969 Dike Work Began on IR1A to Supply Water to Wetlands to the South
- 1975-1976 Dike Installation for Ponding Impoundments
- Ditching was Created as Drainage for Agriculture
- Nesting Islands Added to Impoundments

History

- 1977 Internal Diking for 3 Impoundments on IR1A
- 1981 Diking and River Diversion on IR1B
- 1980-1985 Level Ditching and Drainage Pump for Agriculture
- 3 Pumps for Water Level Management Where Added

History

Yaqan Nukiy Wetland Restoration Project



- Restore Wetlands In 3 Key Areas
 - Kupi Marsh
 - Skinkuç Marsh
 - Tanañ Marsh

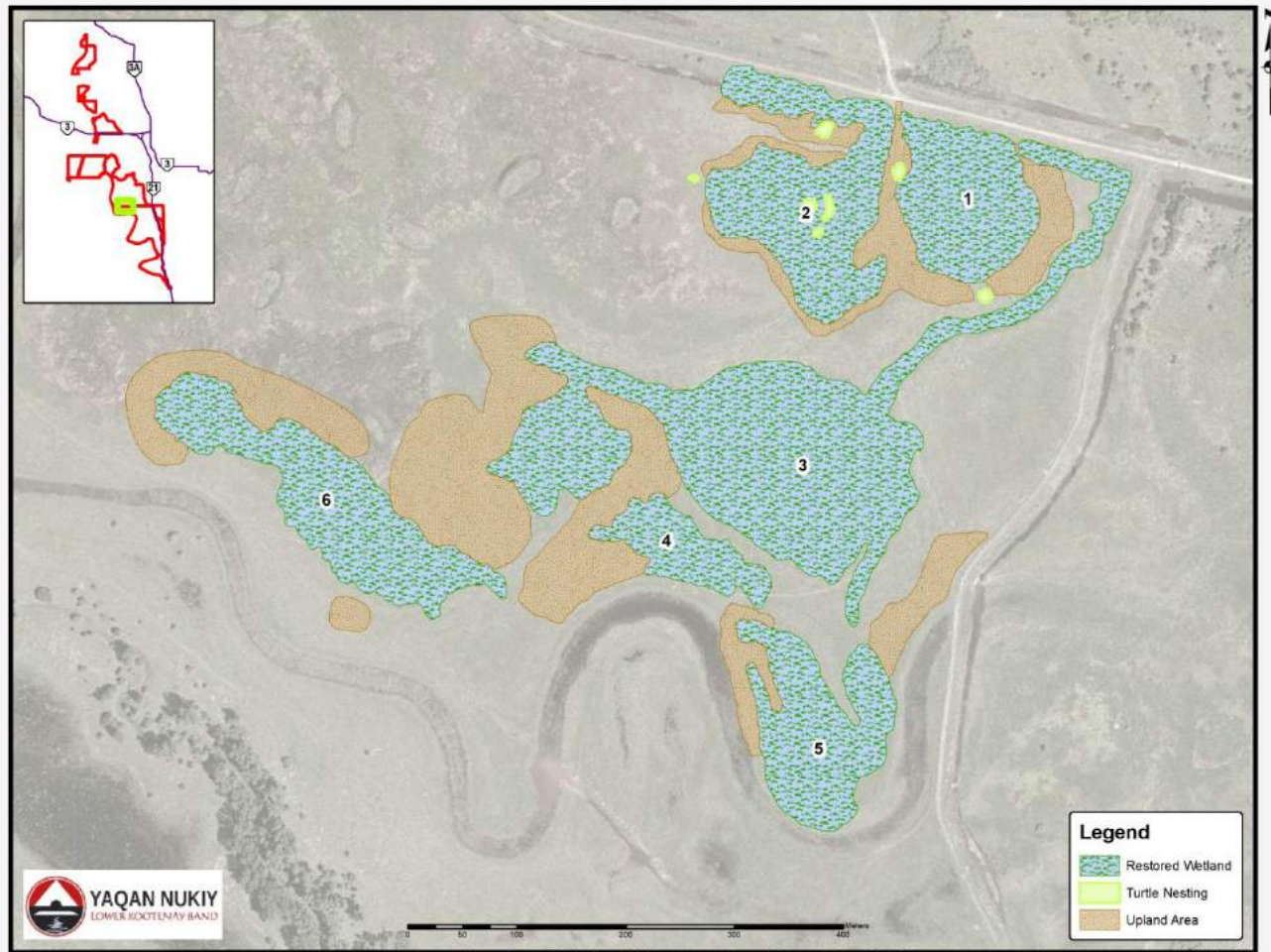
Yaqan Nukiy Wetland Restoration Project

Overview



Lower Kootenay Band
Wetlands Restoration Phase 1 Overview

3/19/2019



Kupa Marsh – 34ac Wetlands, 12ac Upland, 1/3ac Turtle Nesting



Skinku Marsh



Lower Kootenay Band
Wetlands Restoration Phase 1 Tanał Marsh

3/19/2019

Tanał Marsh

- Restore Wetlands to Natural Functioning State
- Improve Habitat for Waterfowl, Shorebirds, Elk, Deer, Moose and Amphibians
- Improve Habitat for Species at Risk

Main Objectives - Wetland Restoration Project

- Improve Terrain for Native Plants and Animals
- Reduce Maintenance of Infrastructure
- Enhance Integrated Management Areas for Agricultural Grazing or Crop Production
- Cultivate Culturally Important Plant and Animal Growth for LKB Citizen Use

Main Objectives - Wetland Restoration Project

Yaqan Nukiy Hunting Grounds Ecosystem Restoration Project

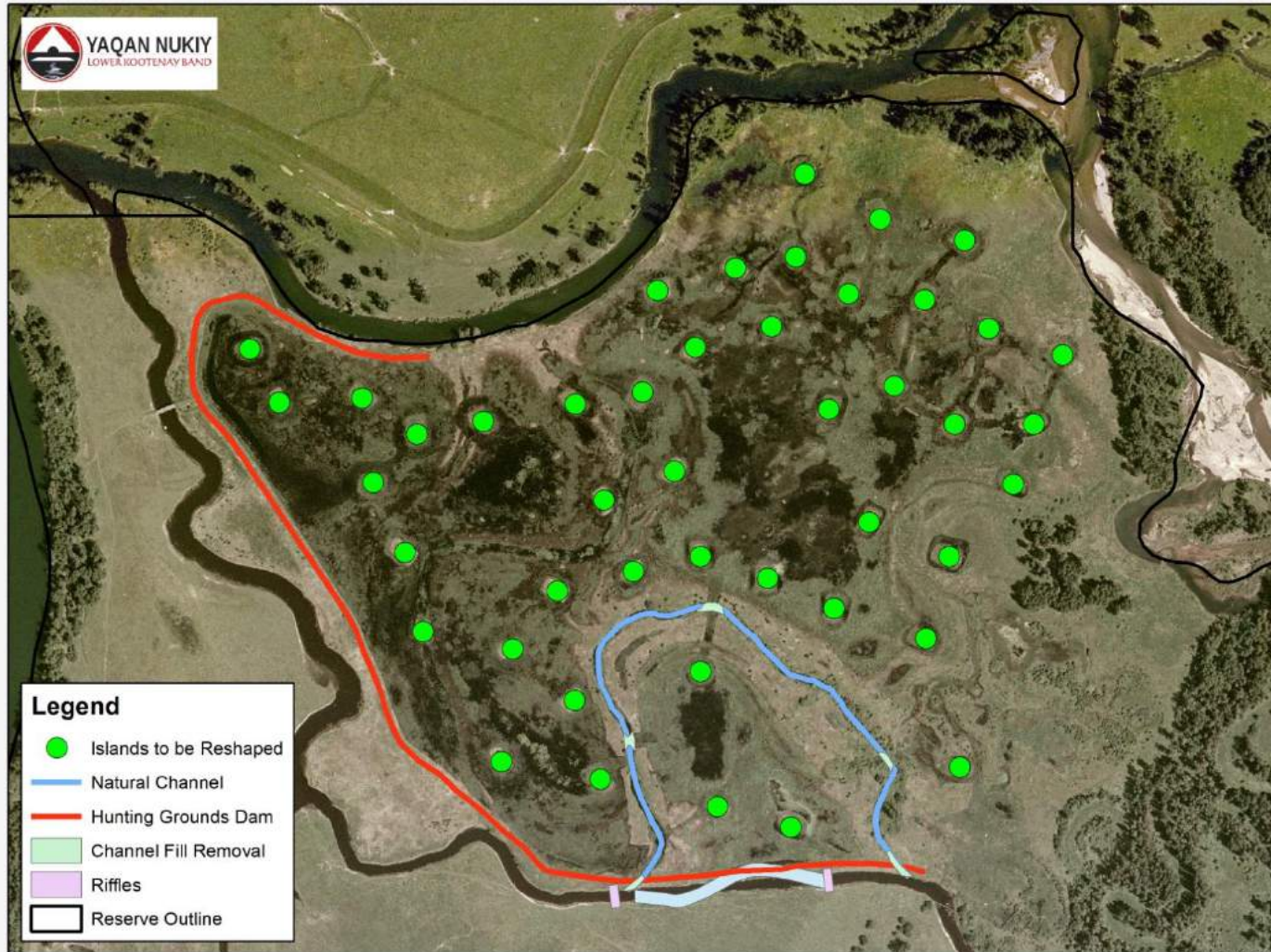


- To Remove 1.9km of Dam to Reopen Area to Natural Floodplain
- Reshape “Nesting Islands” to Combat Invasive Plants
- Re-slope Banks Along Goat River to Stem Erosion

Main Objectives - Hunting Grounds Project

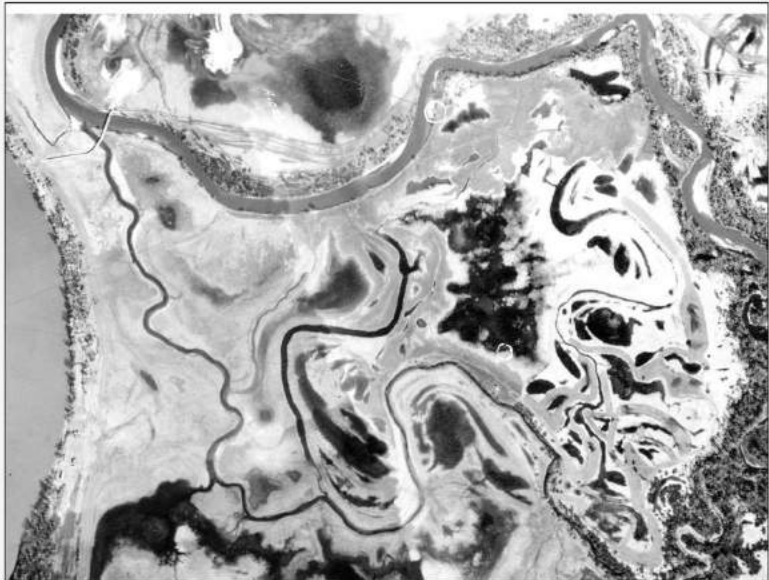
- Reconnect 1km of Natural Stream to the Goat River South Channel
- Reshape “Nesting Islands” Into More Natural Wetland Areas
- Reshape 600m of Artificial Ditch Into More Natural Flowing Channel

Main Objectives - Hunting Grounds Project



Yaqan Nukiy Hunting Grounds Ecosystem Restoration

3/20/2019



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2005

For Further Information or Questions
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