



Nez Perce Tribe Bio-Diesel Production Plant

Cassandra Kipp
Economic Development
Planner
Nez Perce Tribe

What is Bio Diesel?

A clean burning renewable fuel
made from agricultural
products, such as:

Soybeans, Sunflower, Canola,
Rapeseed, Animal Fats,
Recycled Cooking Oil

Benefits of Biodiesel

- It is renewable
- It helps farmers and agriculture
- Adds value to gas
- Replaces unhealthy noxious fuel emissions
- Use as a blending agent
- Can blend without modification to most diesel engines

Key Findings

Bio-diesel from Oilseed is Viable in the Northwest

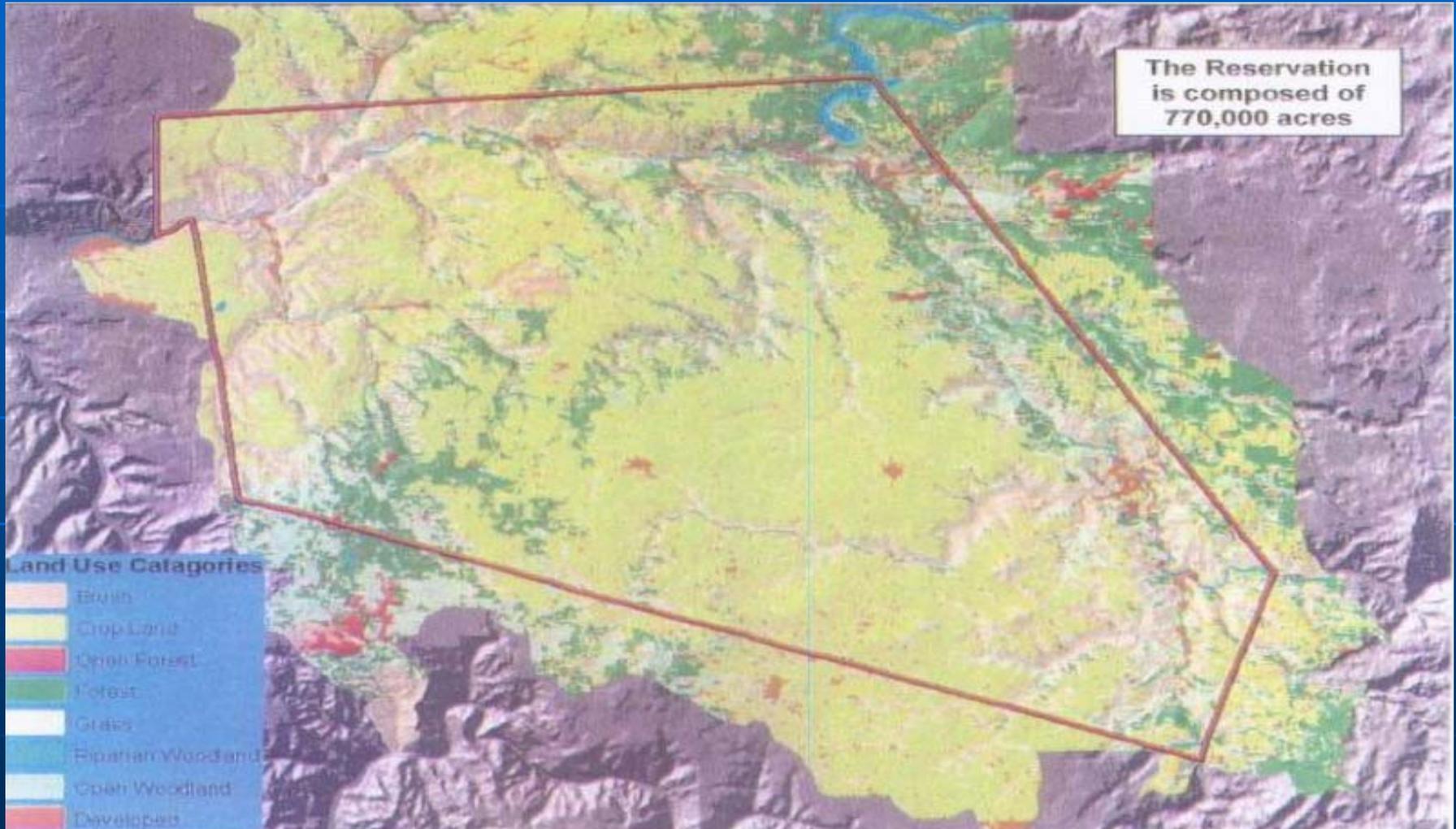
- High Growth Industry
- Very Limited Competition
- Great Location for Supply, Transport
- Tribe Well Suited for this Industry
- Strong Support from Idaho's Congressional Legislators
- Right Industry, Right Time

Idaho Economy

Idaho's Major Industries are:

- Manufacturing
- Agriculture
- Tourism/Travel
- Food and Kindred Products
- Lumber Production
- Mining
- Technology

Nez Perce Reservation



Project Overview

1986 - Tribe built it's first small operated crushing and mixing devise

1987 – Modified Tribally owned vehicle to run on bio- diesel

2001 – The Tribe entered into research agreement with Rural Development and local college for development of bio-diesel

2002 – Funding was identified to complete first phase of feasibility study

Project Overview

- 2003 - Second phase of study unfunded for eight months and completed at the end of year. (Partial MAP Award)
- 2004 – Tribe received MAP award to complete development plan and marketing study
- 2004 - Mineral Assessment Project: Mission Creek Quarry completed

Project Overview

2004 - Business Plan completed and disseminated

2005 - March, Tribal Council approved concept and appointed official development team to create business model.

2005 - Marketing firm hired to complete marketing study

Objective of Project

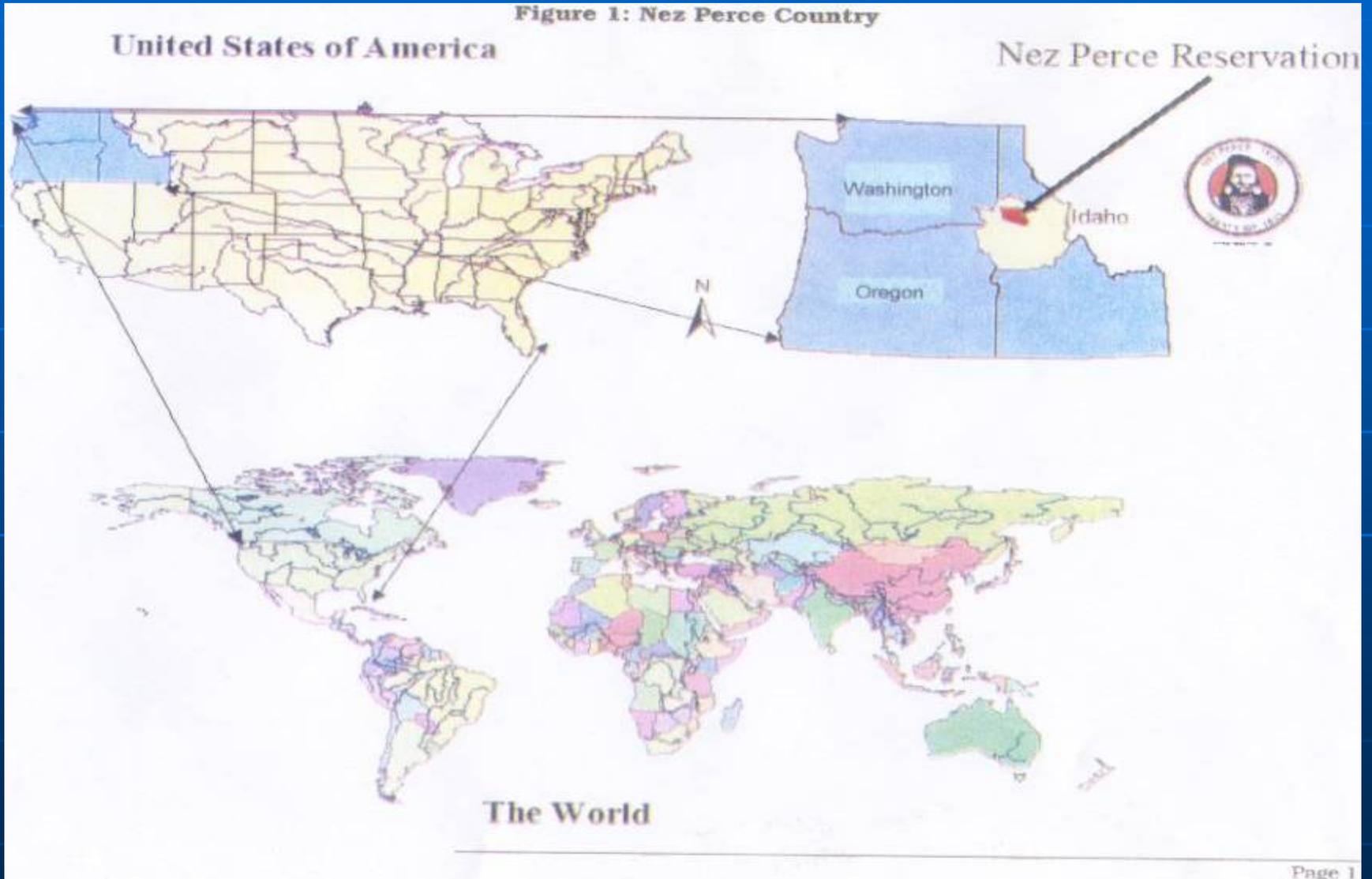
- Provide Business Diversity
- Provide Alternative Energy Resource
- Utilize a Tribal Natural Resource and add value
- Stimulate the economy with additional revenue stream, living wage jobs, and Tribal Entrepreneurship (i.e. trucking, business park, supplies, by-product)

Objective of Project

- Enhance the Nation's Security by Reducing Dependence on Foreign Oil
- Assist Agricultural Business (i.e. farmers, environment, land conditions)
- Increased Environmental Benefit of Emissions
- Develop Synergy Among Tribal Resources, Enterprises, Community and Economic Development
- Increased Self-sufficiency for our Tribe and Reservation Community

Project Location

Figure 1: Nez Perce Country



Project Participants

Tribal:

- Planning Department
- Land Services
- Natural Resources Department
- Tribal Council
- Legal Council
- Workforce Development (TERO)

Federal/Other

- BIA, Local and DEMRM
- Dept. of Agriculture
- Local and State
- Farmers
- Private Affiliates
- Universities and Research Firms

Project Status

Accomplishments:

1. Completed Feasibility Study
2. Business Plan
3. Council Buy-In
4. Site Plan Identified
5. Farmers and Community Buy-in
6. Legislative Support

Current Activities

- Land Purchase is critical
- Secure Agri-business contracts for seed
- Secure Funding for Required Infrastructure
- Complete Design, Engineering, Mechanical and Environmental Study
- Lobby for Tax Incentives and Energy Incentives in State of Idaho

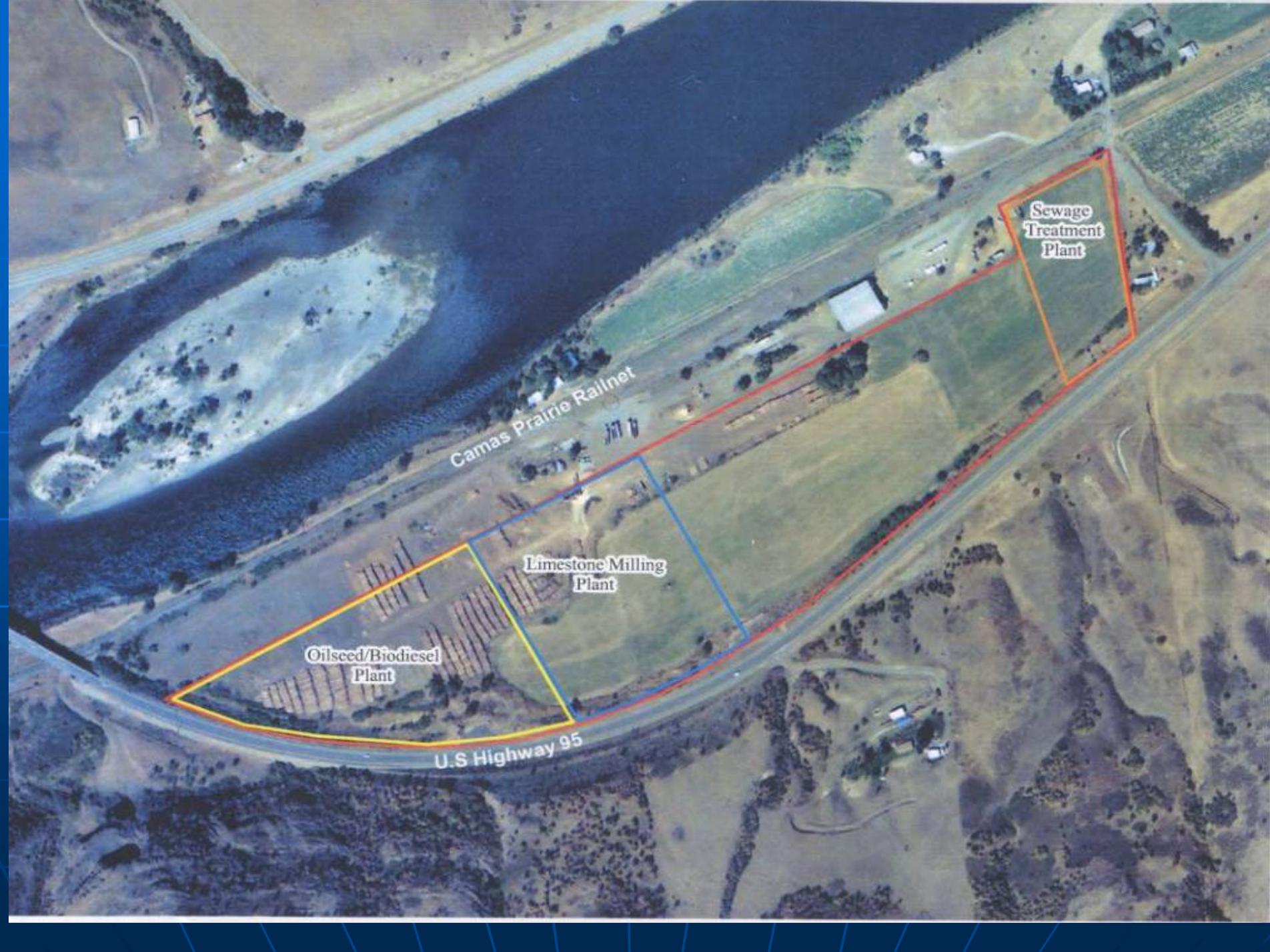
Capital Development

Develop Investment Plan

- Tribally Owned and Financed
- Joint Venture
- Lease Agreement/Owner Managed
- Other Creative Financing Arrangement

Future Plans

- Develop Business Park at Site
- Add Rock Crushing, Cement Plant, & Concrete Cast Forms Manufacturing
- Develop Woody Bio-Mass Facility to Generate Energy for All Tribal Enterprises
- Complete Regional Waste-Water Treatment Plant
- Create Leasehold Estate for Remainder of land at the Business Park for Outside Industry
- Develop Entrepreneur Incubator for Tribal Business and encourage use of industrial by-product



Camas Prairie Railroad

Sewage Treatment Plant

Limestone Milling Plant

Oilseed/Biodiesel Plant

U.S Highway 95

Contact Information

Cassandra Kipp,
Economic Development Planner

P.O Box 365

Lapwai, Idaho 83540

(208) 843-2919

Email:

cassandrak@nezperce.org