

# Sensitive Ecosystem Inventory Mapping



# Sensitive Ecosystems

Sensitive Ecosystem	Description
Broadleaved Woodland	Dominated by Trembling aspen
Seasonally Flooded Field*	Agricultural areas which flood or pool
Grasslands	Grass and shrub land areas
Mature Forests*	Intermediate to climax trees > 80 years old
Old Forests	Climax trees > 80 years old
Riparian	Treed or shrubby areas along shorelines and gullies
Sparsely Vegetated	Little vegetation on bedrock or scree slopes
Coniferous Woodlands	Open ponderosa pine or douglas-fir forests
Wetlands	Water table is at or near the surface

\* Other important ecosystems

# SEI and Planning



# SEI and Planning

- Standard method to identify important areas that are sensitive, fragile or rare
- Identify rare and vulnerable plant communities
- Areas support species at risk
- Consideration in development
- In the past there was little information and direction on the environment
- Identified as important in OCP surveys

# How Can SEI Be Used?

- At a rezoning it identifies if there are potential environmental concerns
- Can also be used to make Environmentally Sensitive Development Permit Areas which have guidelines for developing with the environment



# How are EIA's used?

1

- Assess all constraints on the site including environmental, hazards, buffers, topography

2

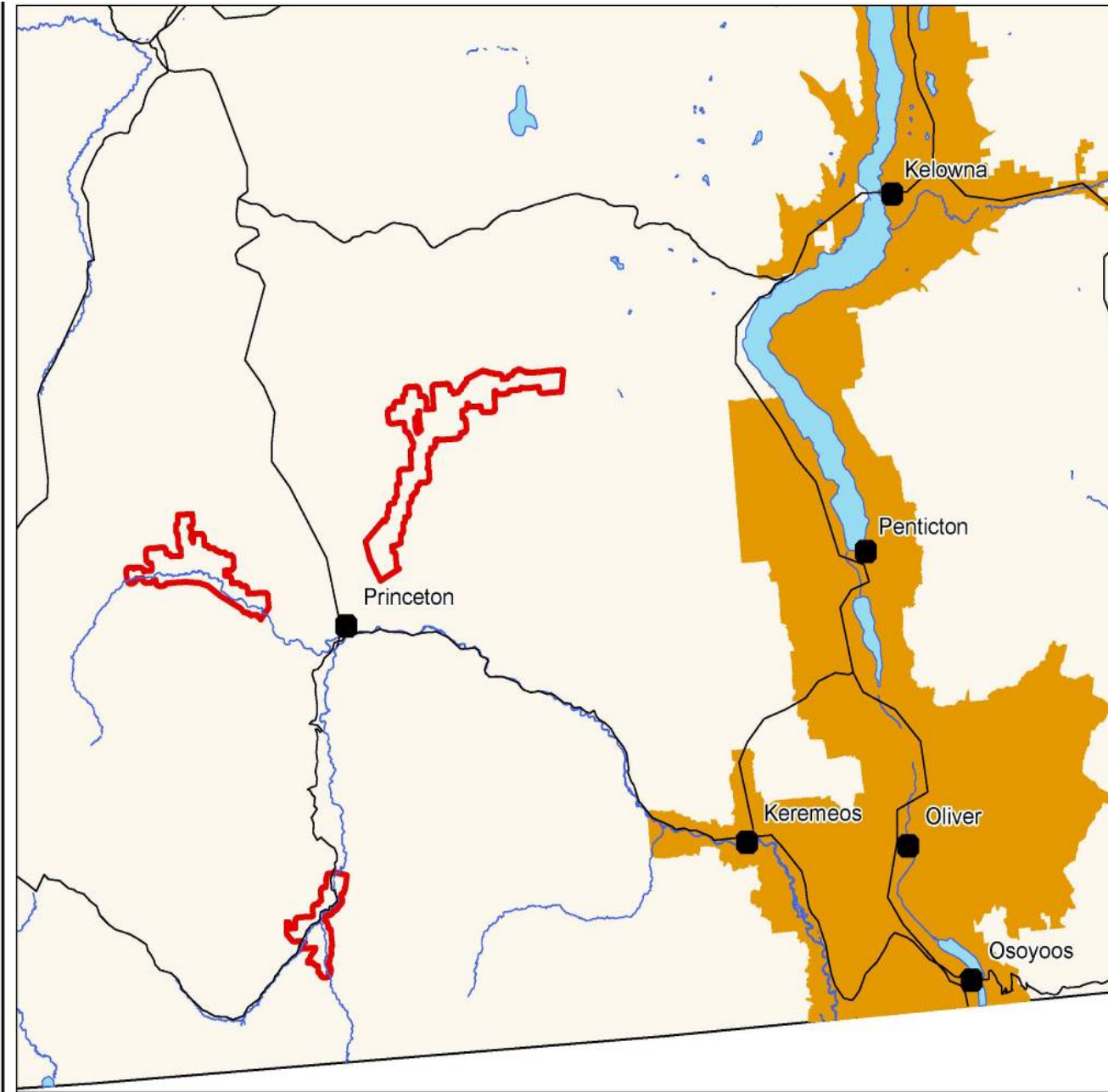
- Set aside open space – hazard, environmental, buffers or useable parkland

3

- Layout building sites, streets and lots

4

- Design mitigation for unavoidable items if possible



### Princeton SEI Overview Map

- Princeton SEI Study Area
- Existing TEM/SEI Projects



1:650,000



Projection: Albers  
 Datum: NAD 83  
 Date: April 2009



# Results

- 24% or roughly 1/4 of the area is sensitive
- East Gate 31.2% - Coniferous Woodland, Steep Grassland, Sparsely Vegetated Rock, Mature Forest and Riparian ecosystems.
- Otter Lake 27.5% - Coniferous Woodland, Mature Forest and Riparian.
- Chain Lakes 20.9% - Coniferous Woodland, Mature Forest, Grassland and most Wetland of all three areas.
- Maps on walls have more information.



# Where can I find more Info?

- RDOS web page under planning, environmental planning, Area H OCP
- Brochures, staff at RDOS

Sponsored by: Environment Canada, RDOS Area H, Real Estate Foundation of BC, and BC Ministry of Environment

