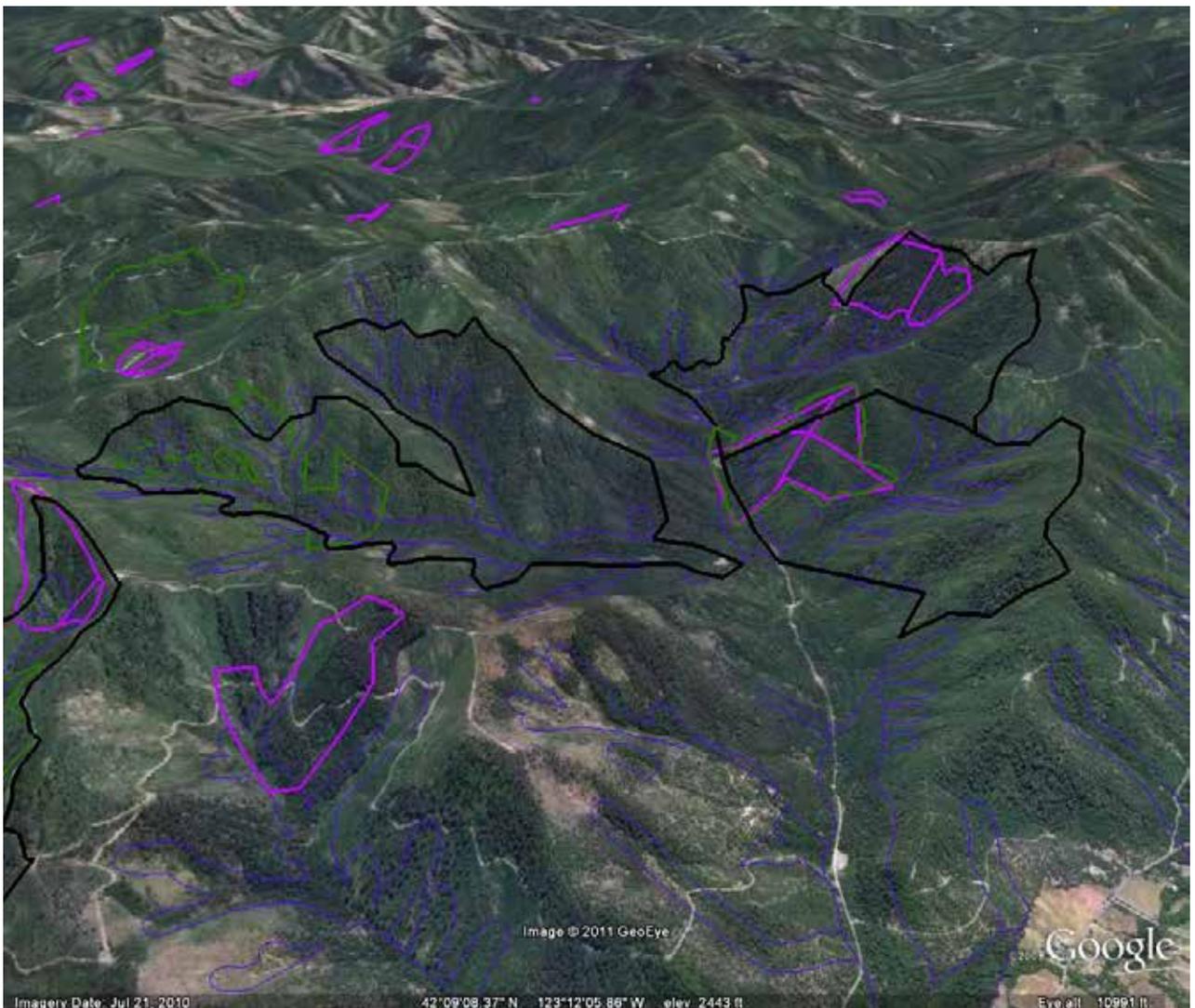


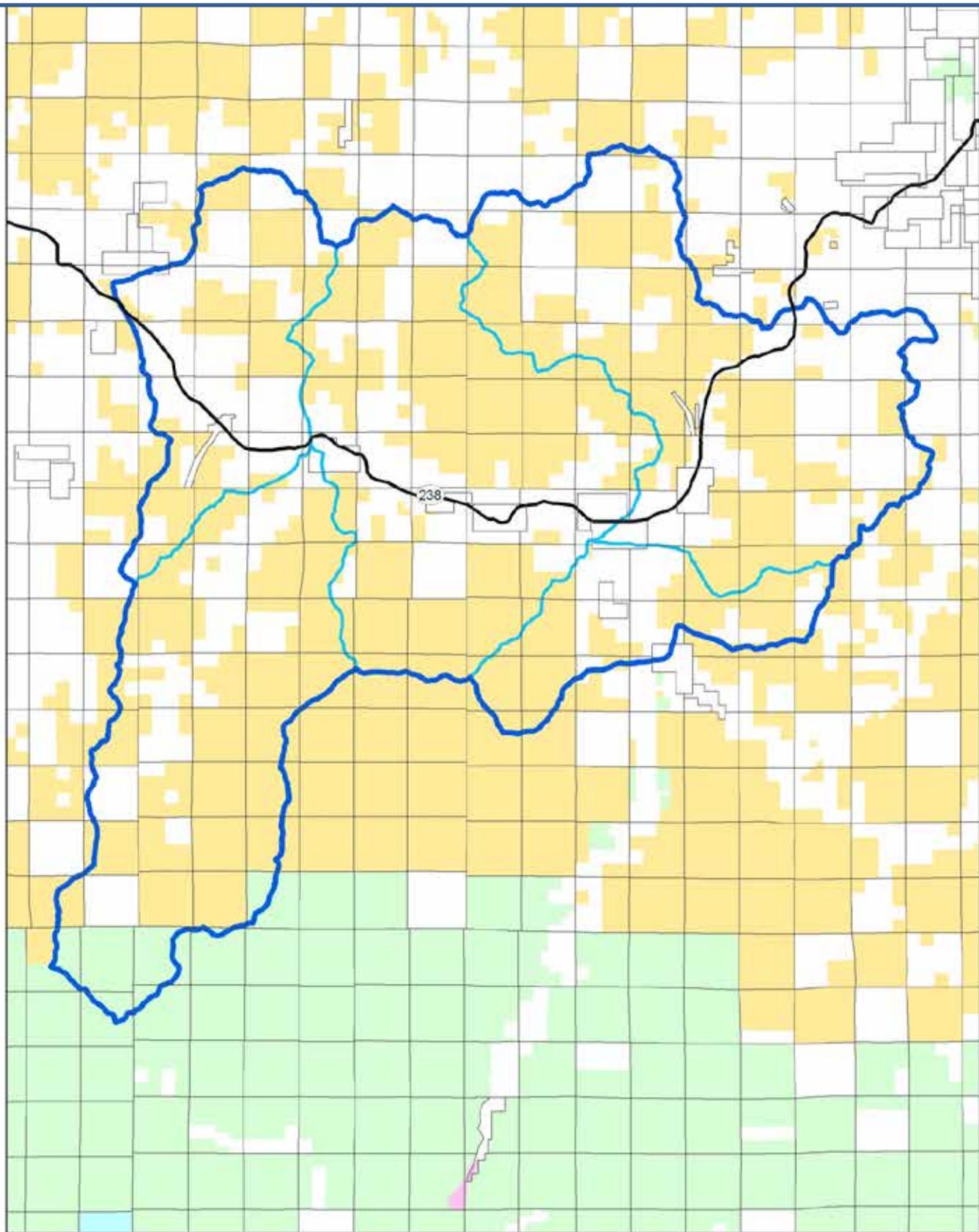
Development of the Late Successional Emphasis Areas and Potential Treatments within the Pilot Thompson Planning Area

February 2012

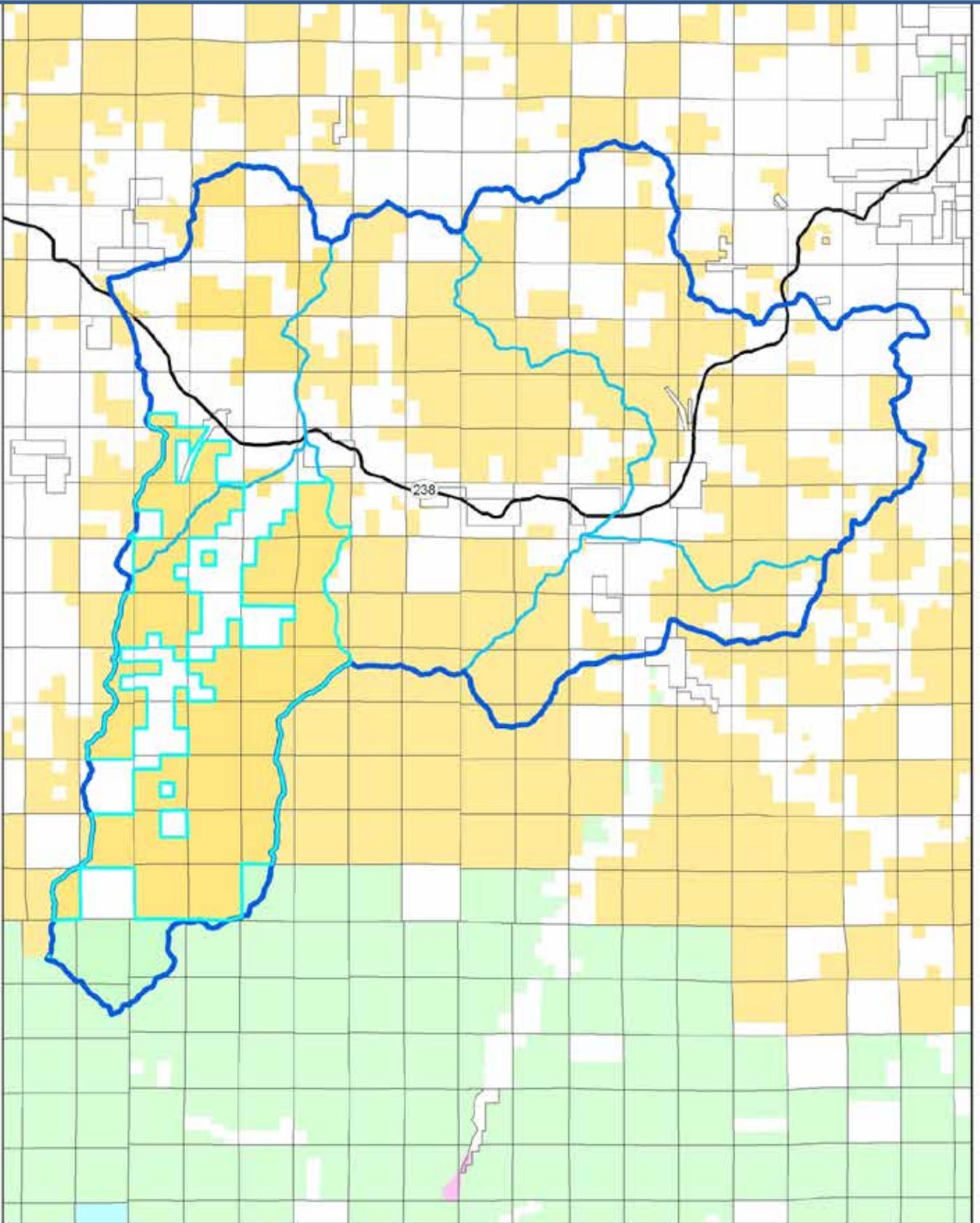


Planning Area Overview

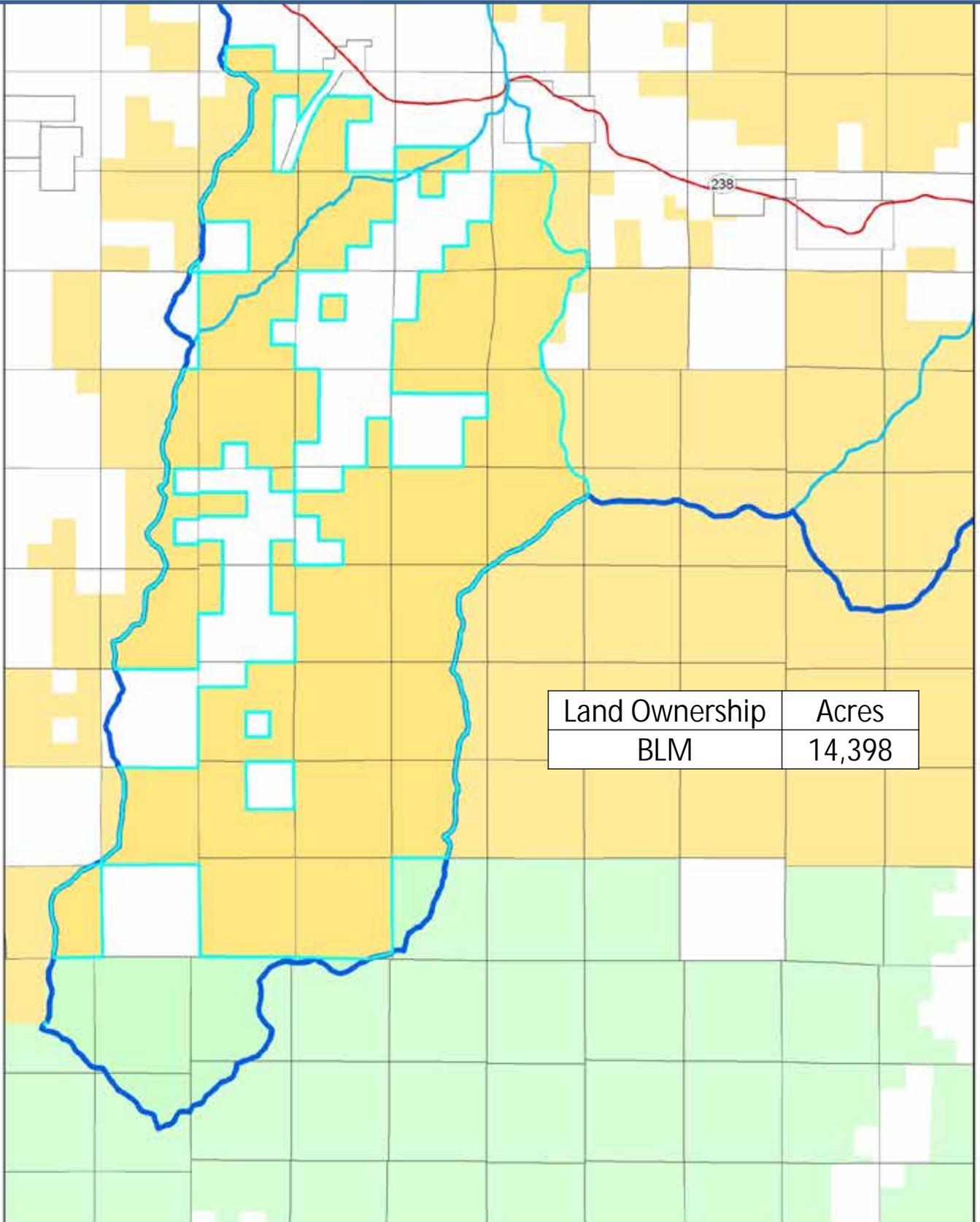
Middle Applegate Pilot Project Overview



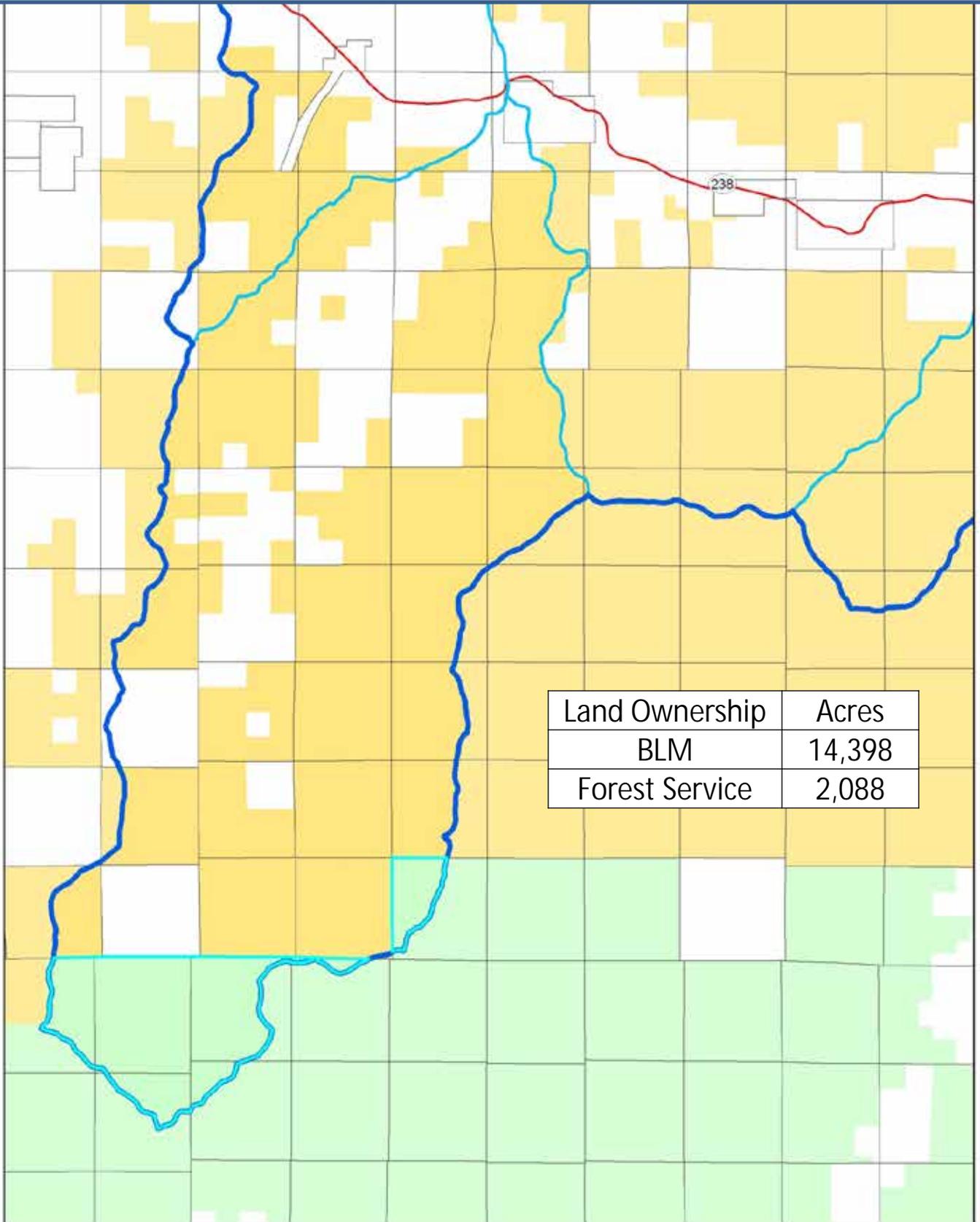
Phase 2 Planning Area – “Pilot Thompson”



Phase 2 Planning Area – Land Ownership



Phase 2 Planning Area – Land Ownership



Late-Successional Emphasis Area Delineation Process

What are Late-successional Emphasis Areas?

- ~1/3 of the landscape in dense forest patches
- 300-500 acres each
- Contain high concentrations of high quality mature and late-successional habitat
- Placed in landscape positions that have low fire probability
- Provide important habitats for species dependent on dense, late-successional forests

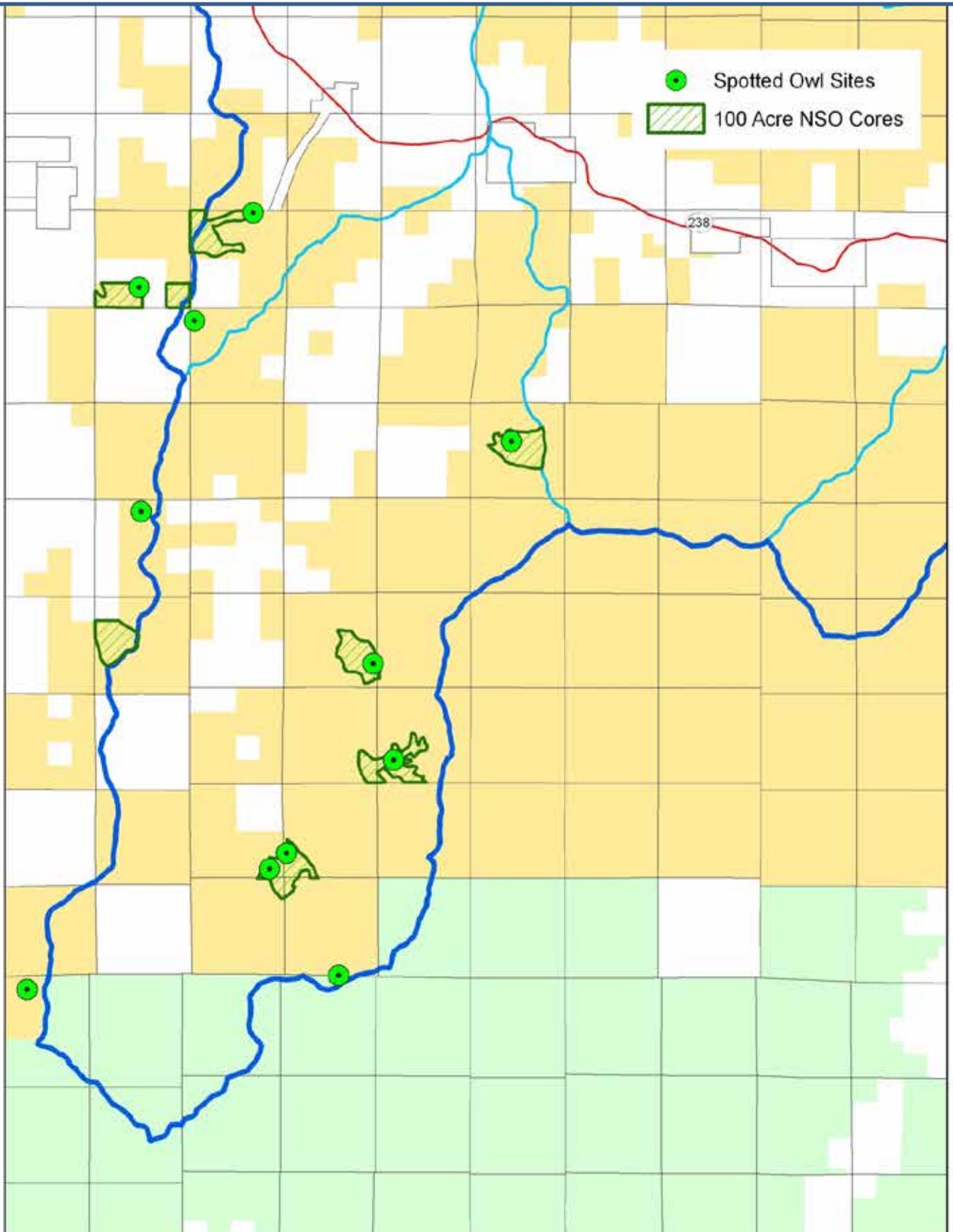
Data Layers used in LSEA delineation

- Spotted Owl Survey Records
- Existing Conservation Areas
- Habitat Maps
- Fire Probability
- NSO Recovery Plan – Relative Habitat Suitability Layer

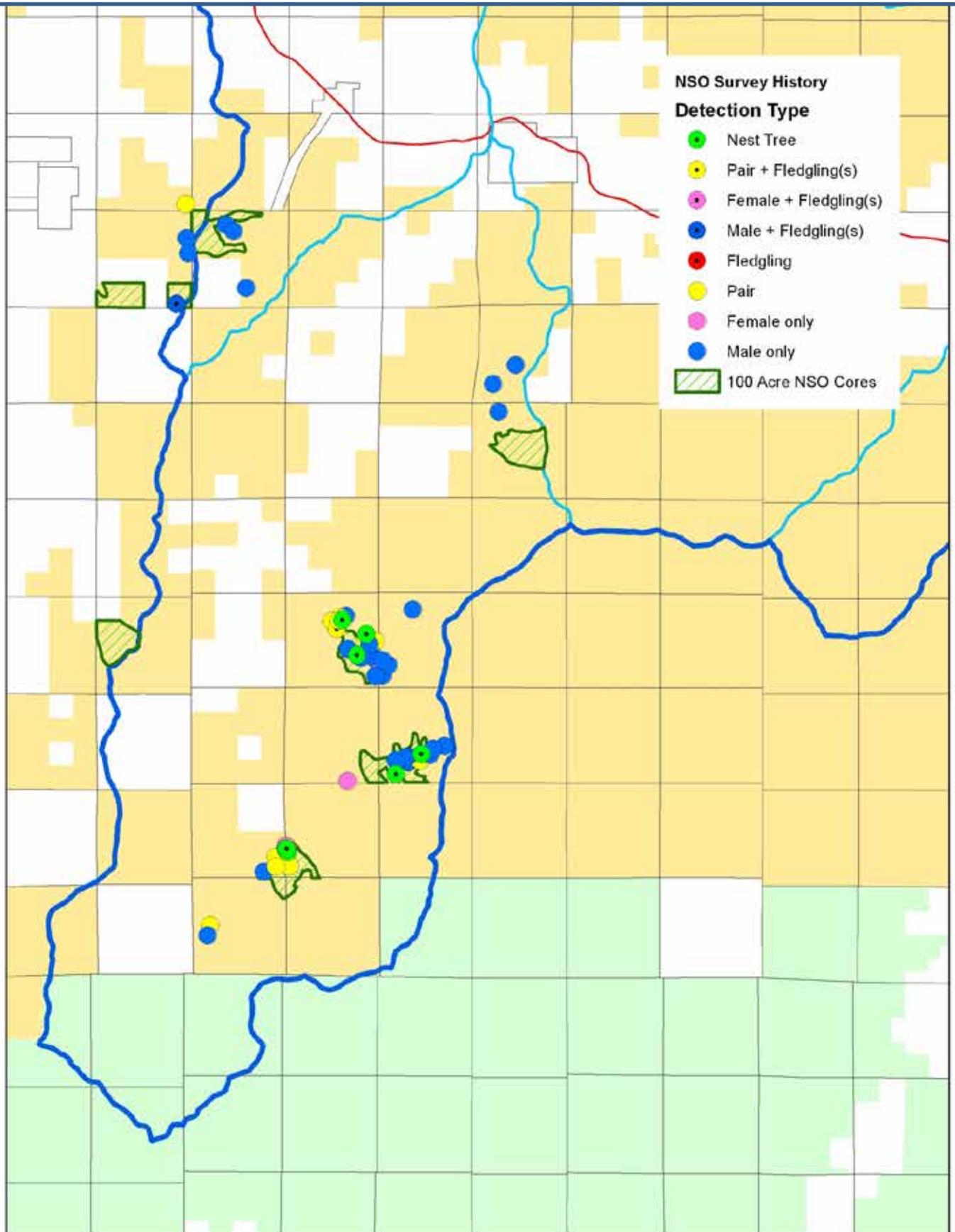
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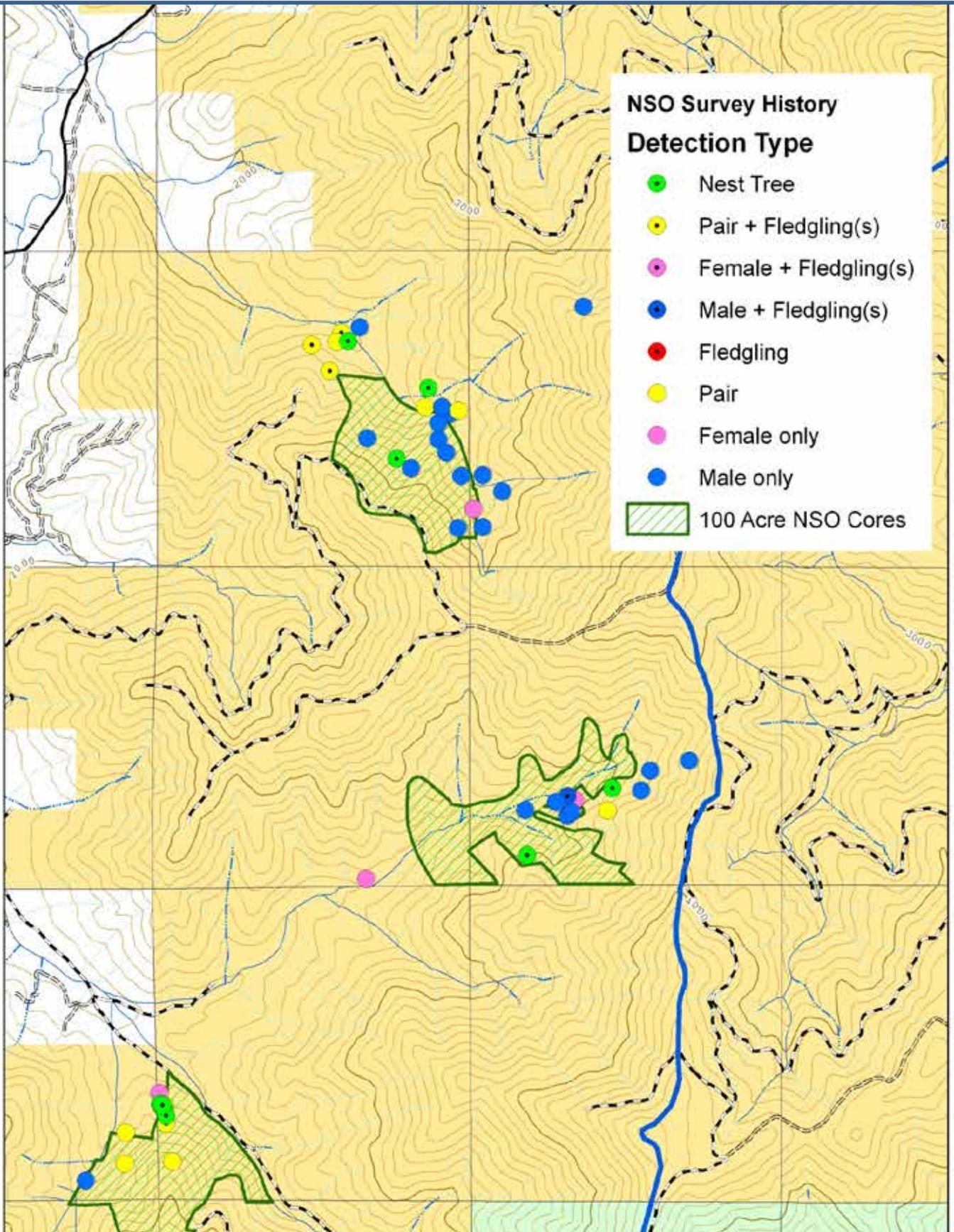
Phase 2 Planning Area LSEA Delineation – NSO Sites



Phase 2 Planning Area LSEA Delineation – NSO Sites



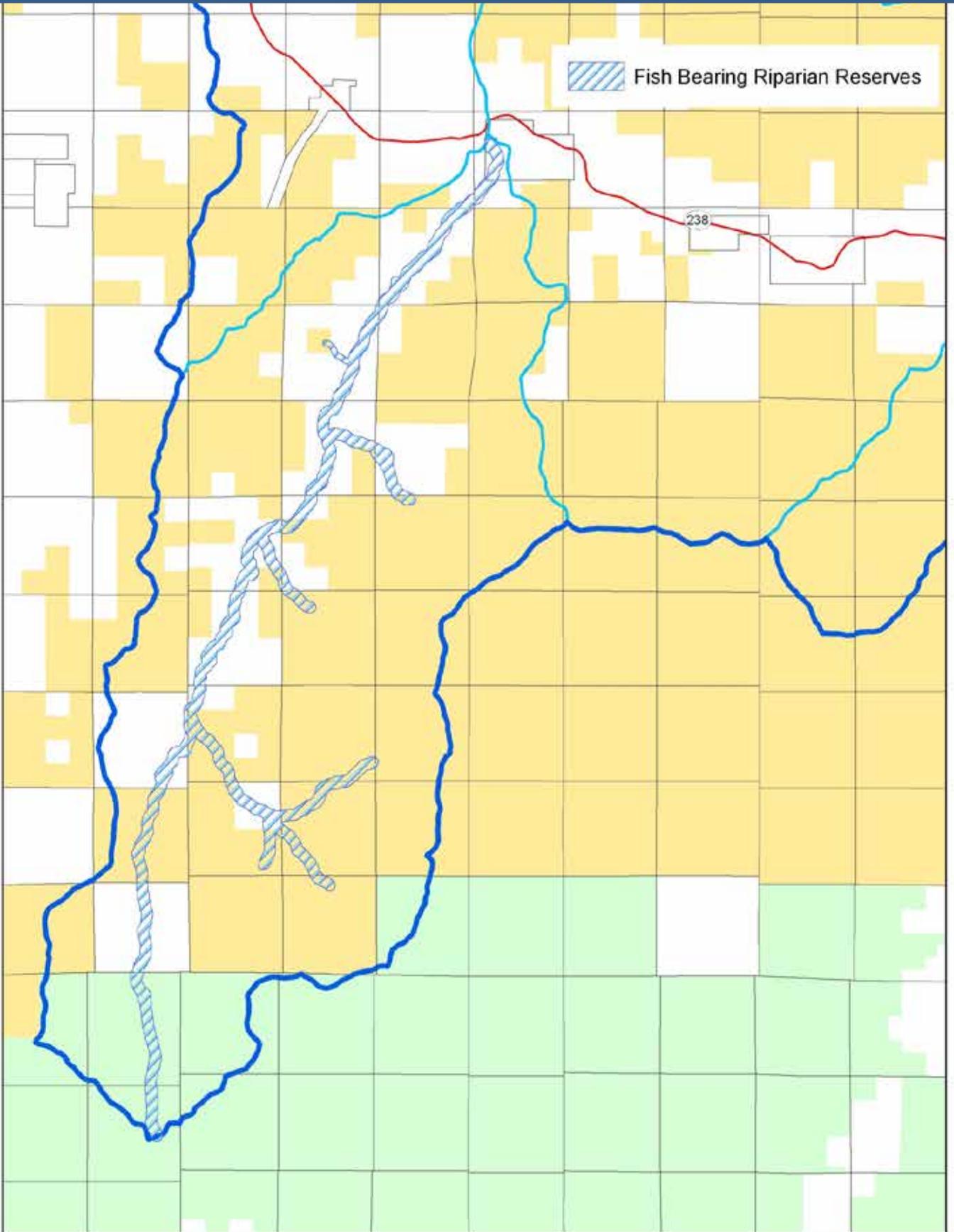
Phase 2 Planning Area LSEA Delineation – NSO Sites



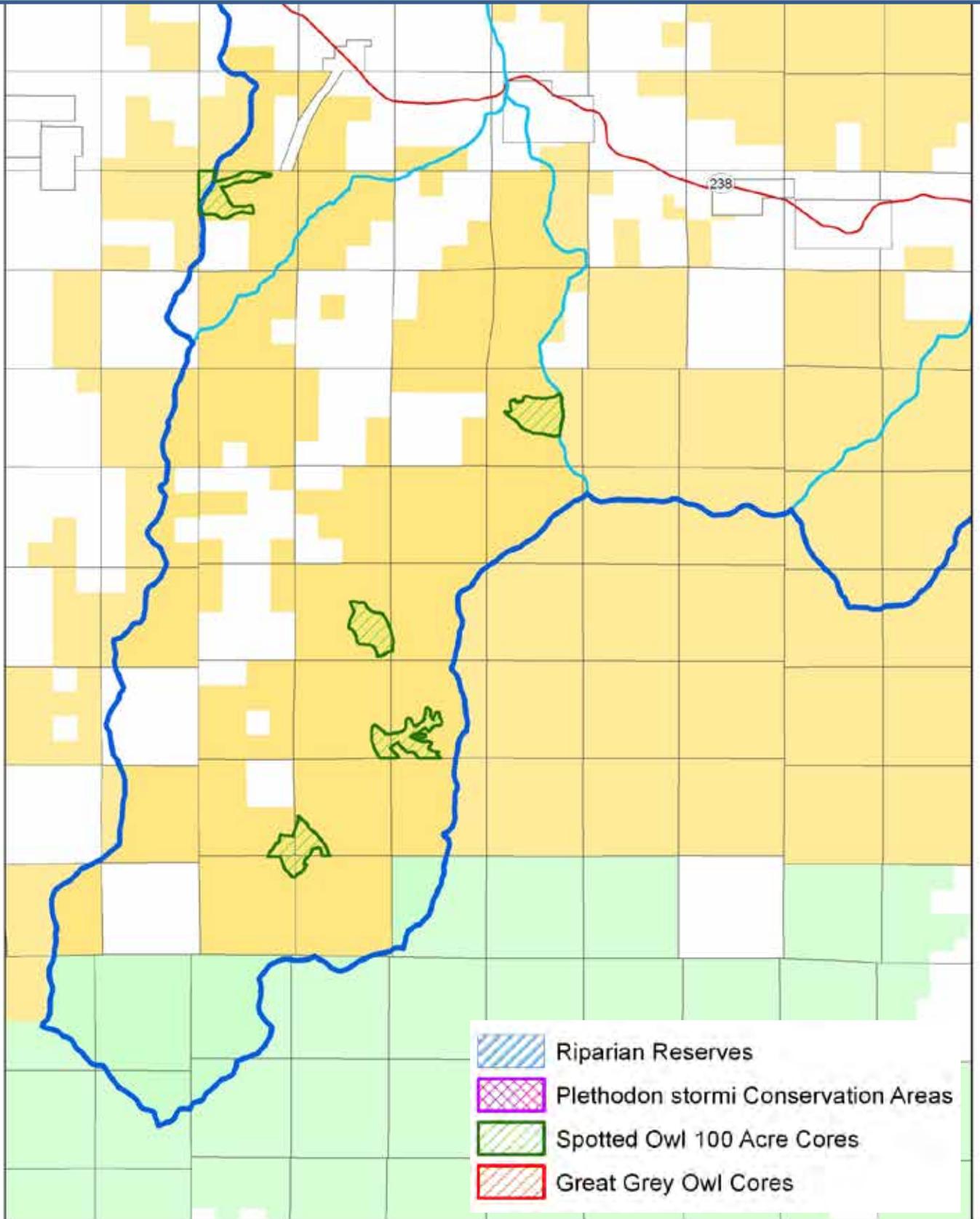
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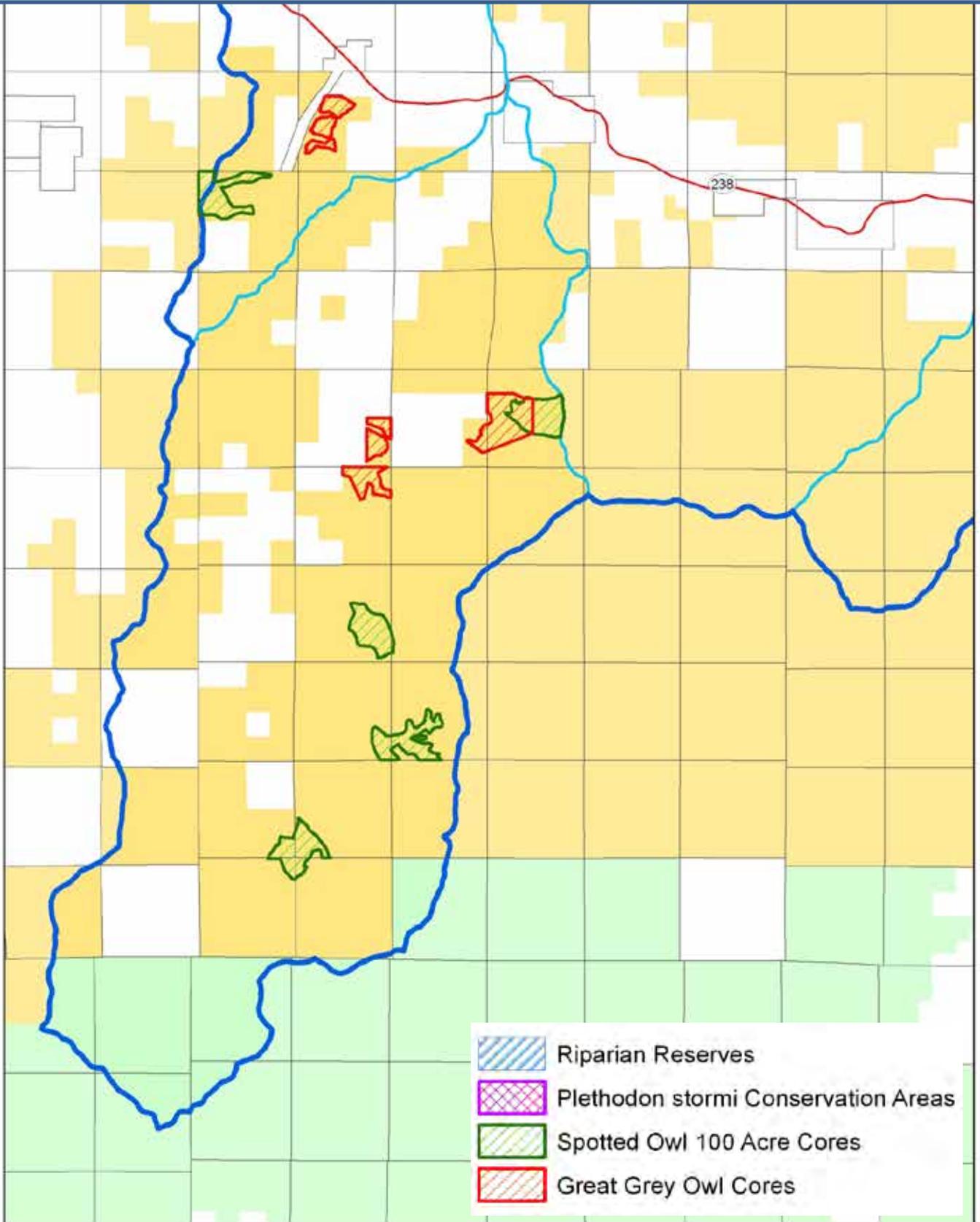
Phase 2 Planning Area LSEA Delineation – Conservation Areas



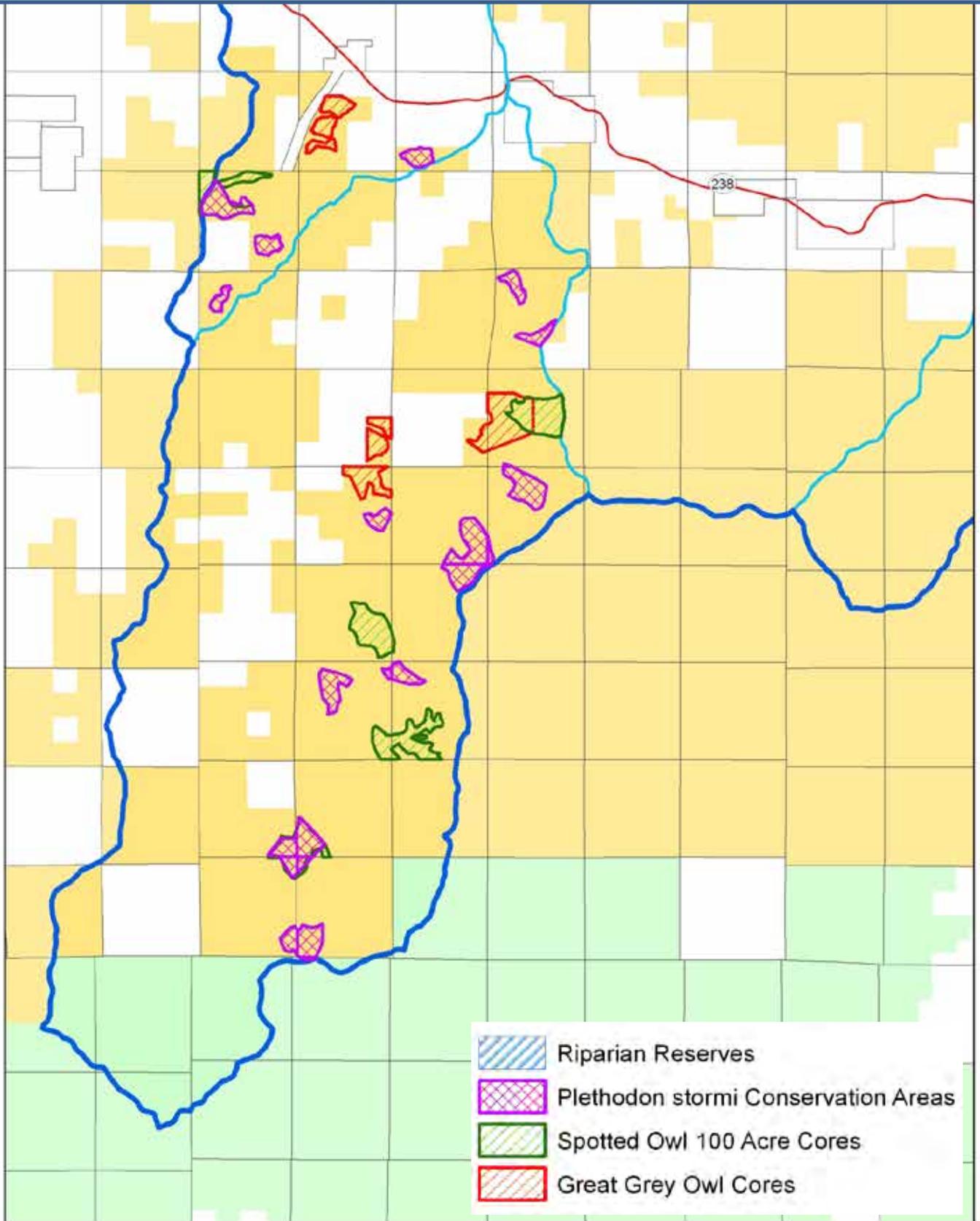
Phase 2 Planning Area – Conservation Allocations



Phase 2 Planning Area – Conservation Allocations



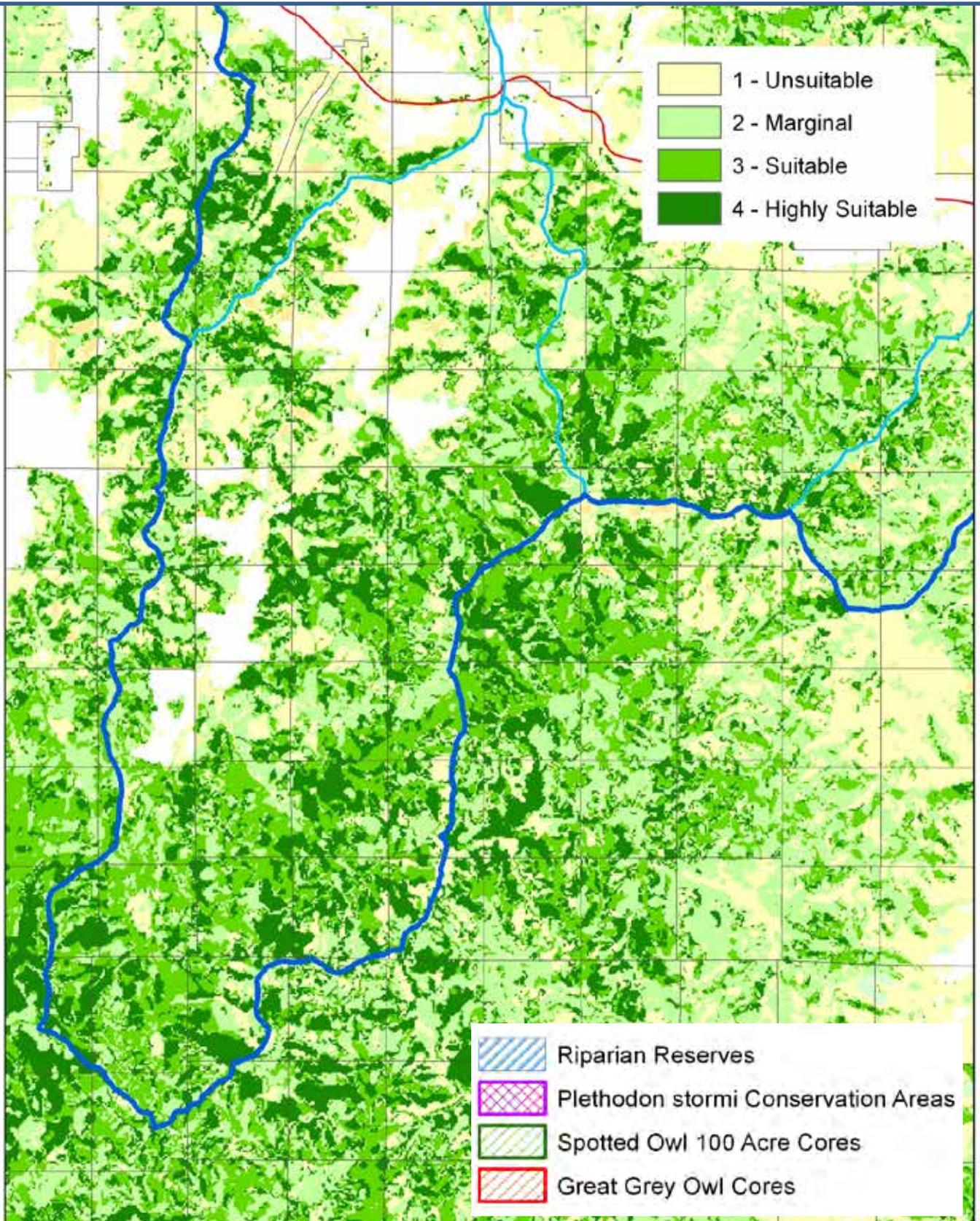
Phase 2 Planning Area – Conservation Allocations



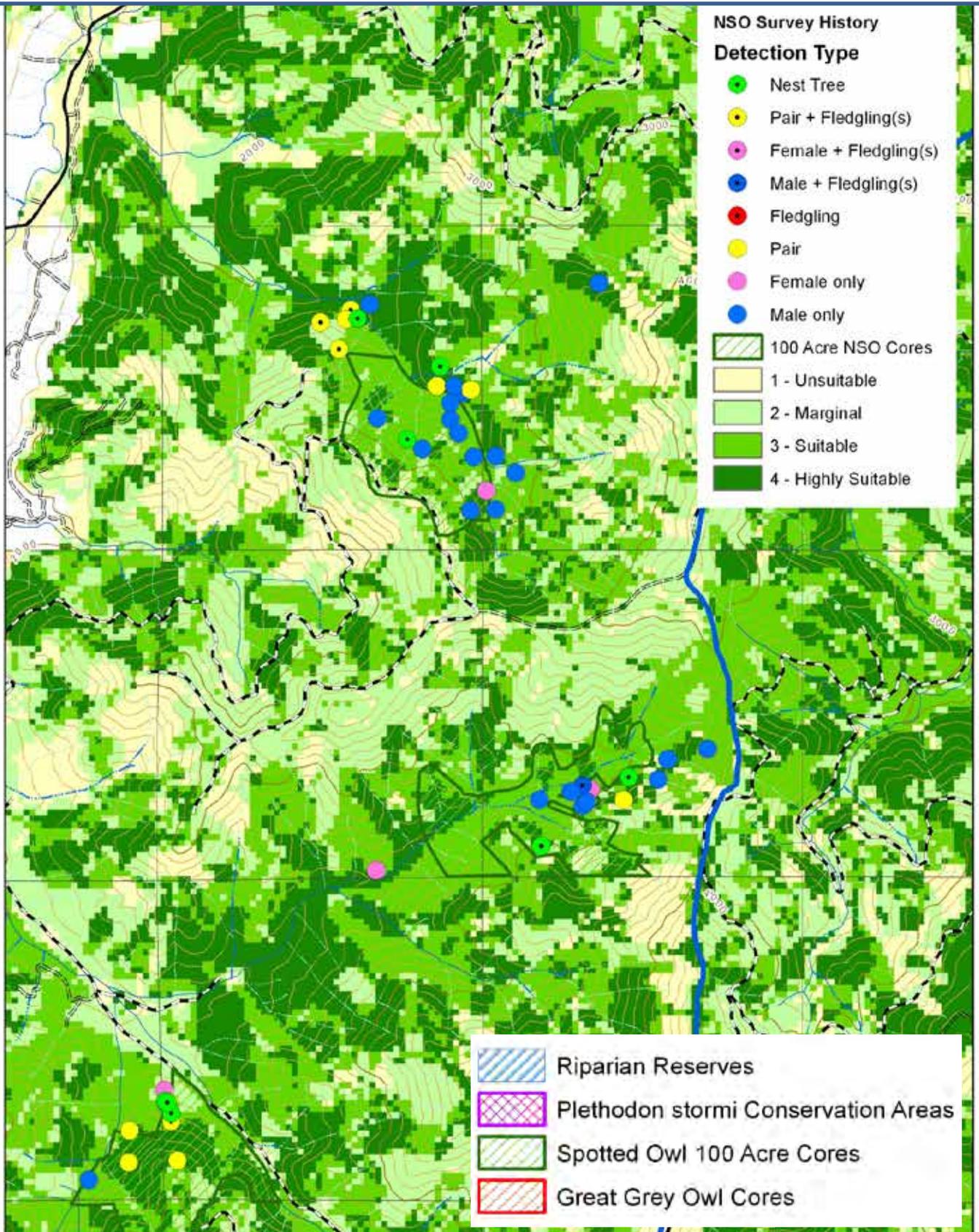
Data Layers used in LSEA delineation

- Spotted Owl Survey Records
- Existing Conservation Areas
- **Habitat Maps**
- Fire Probability
- NSO Recovery Plan – Relative Habitat Suitability Layer

Phase 2 Planning Area – Habitat Map



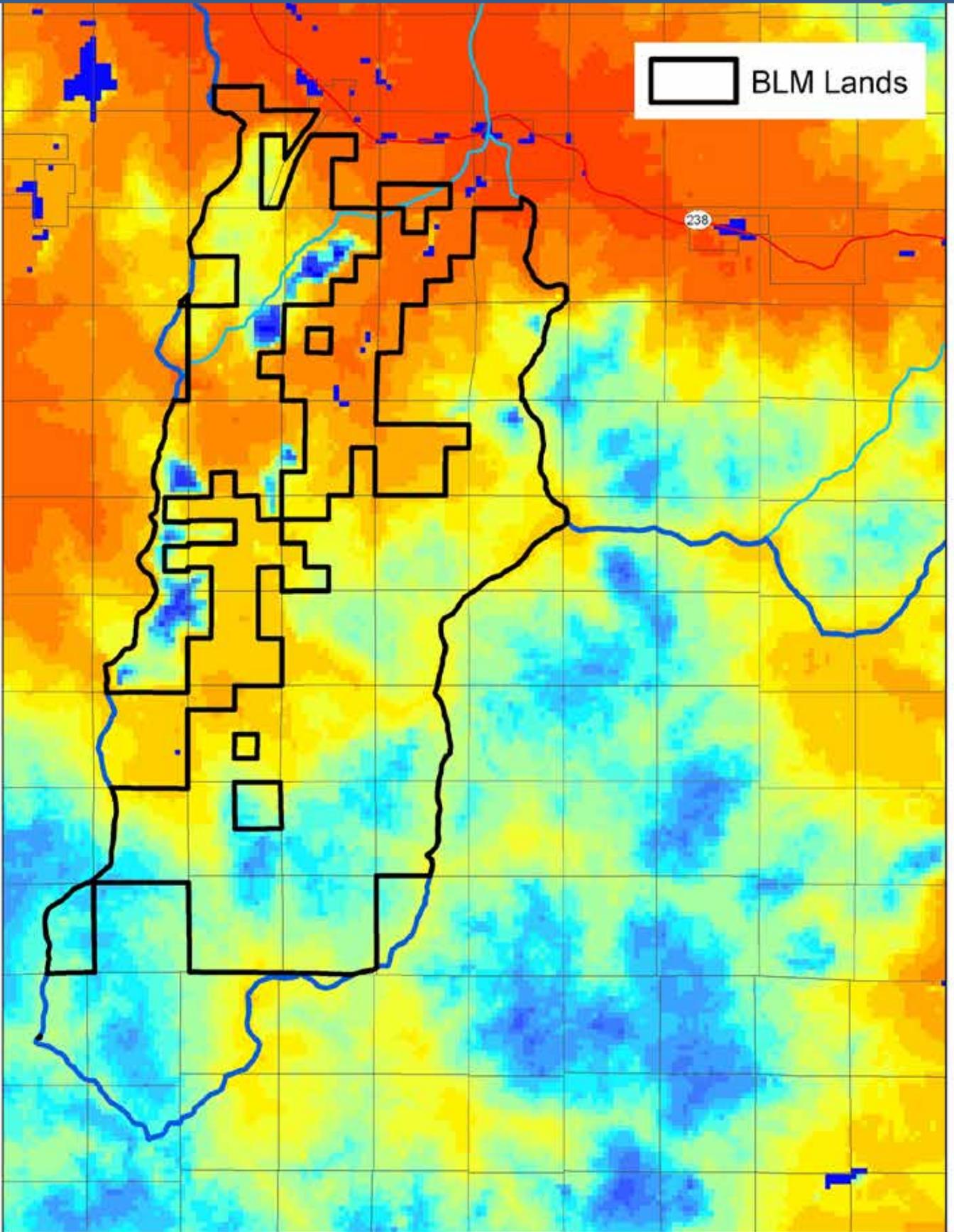
Phase 2 Planning Area – Habitat Map



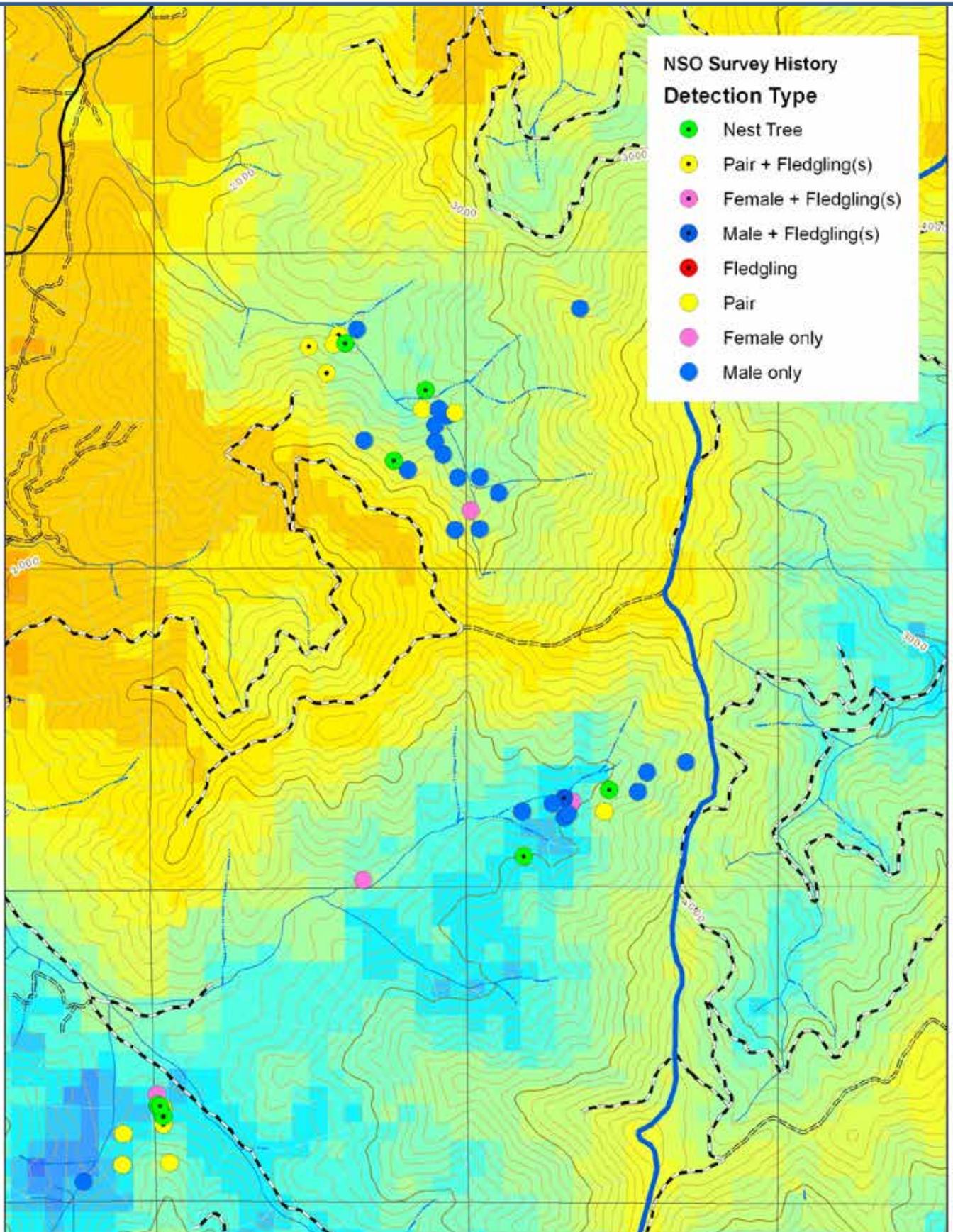
Data Layers used in LSEA delineation

- Spotted Owl Survey Records
- Existing Conservation Areas
- Habitat Maps
- **Fire Probability**
- NSO Recovery Plan – Relative Habitat Suitability Layer

Phase 2 Planning Area – Fire Probability



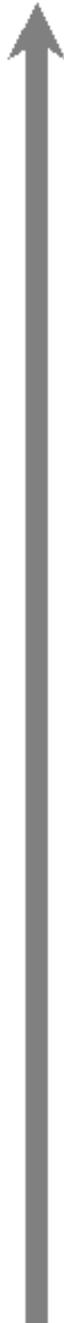
Phase 2 Planning Area – Fire Probability



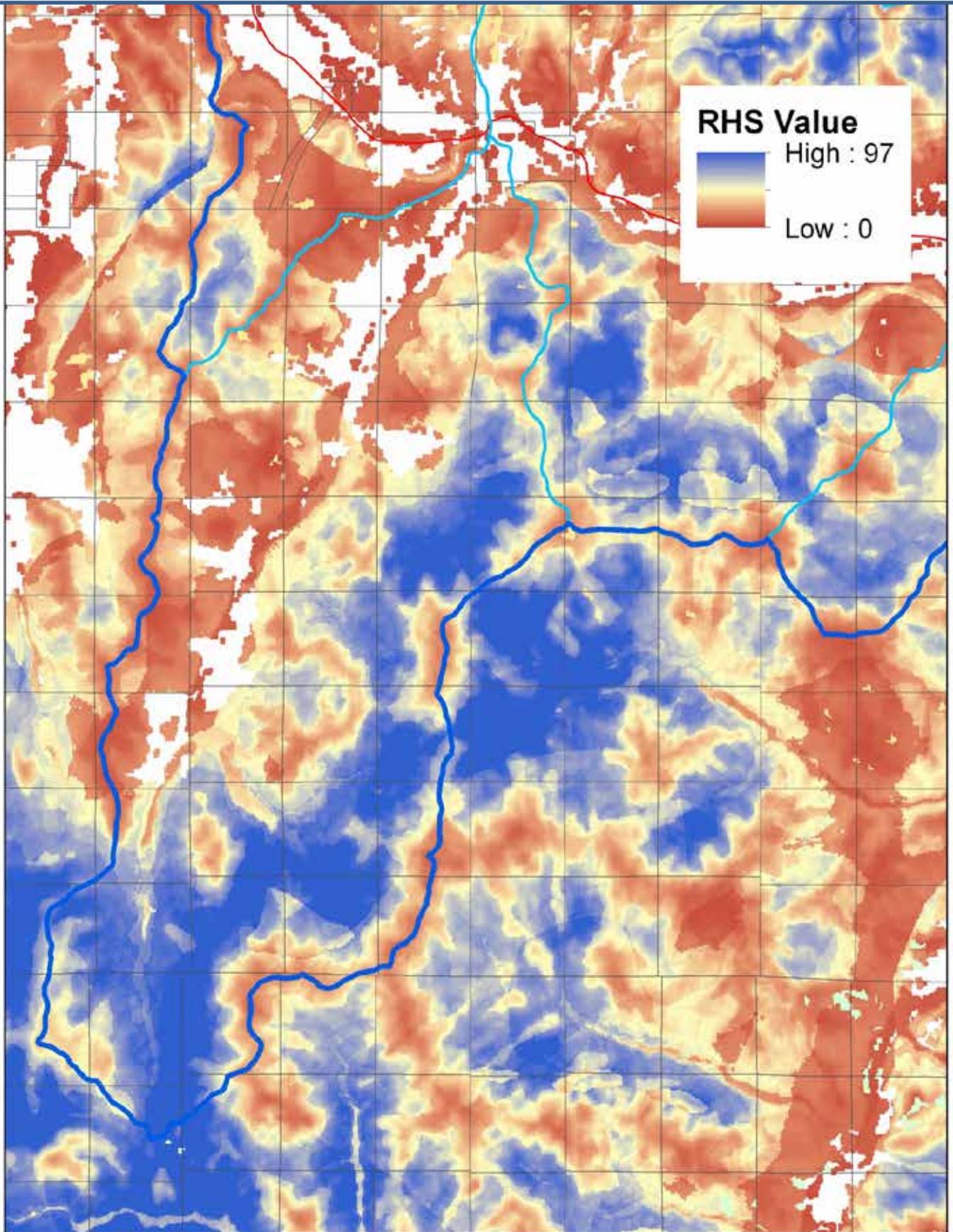
Data Layers used in LSEA delineation

- Spotted Owl Survey Records
- Existing Conservation Areas
- Habitat Maps
- Fire Probability
- **NSO Recovery Plan – Relative Habitat Suitability Layer**

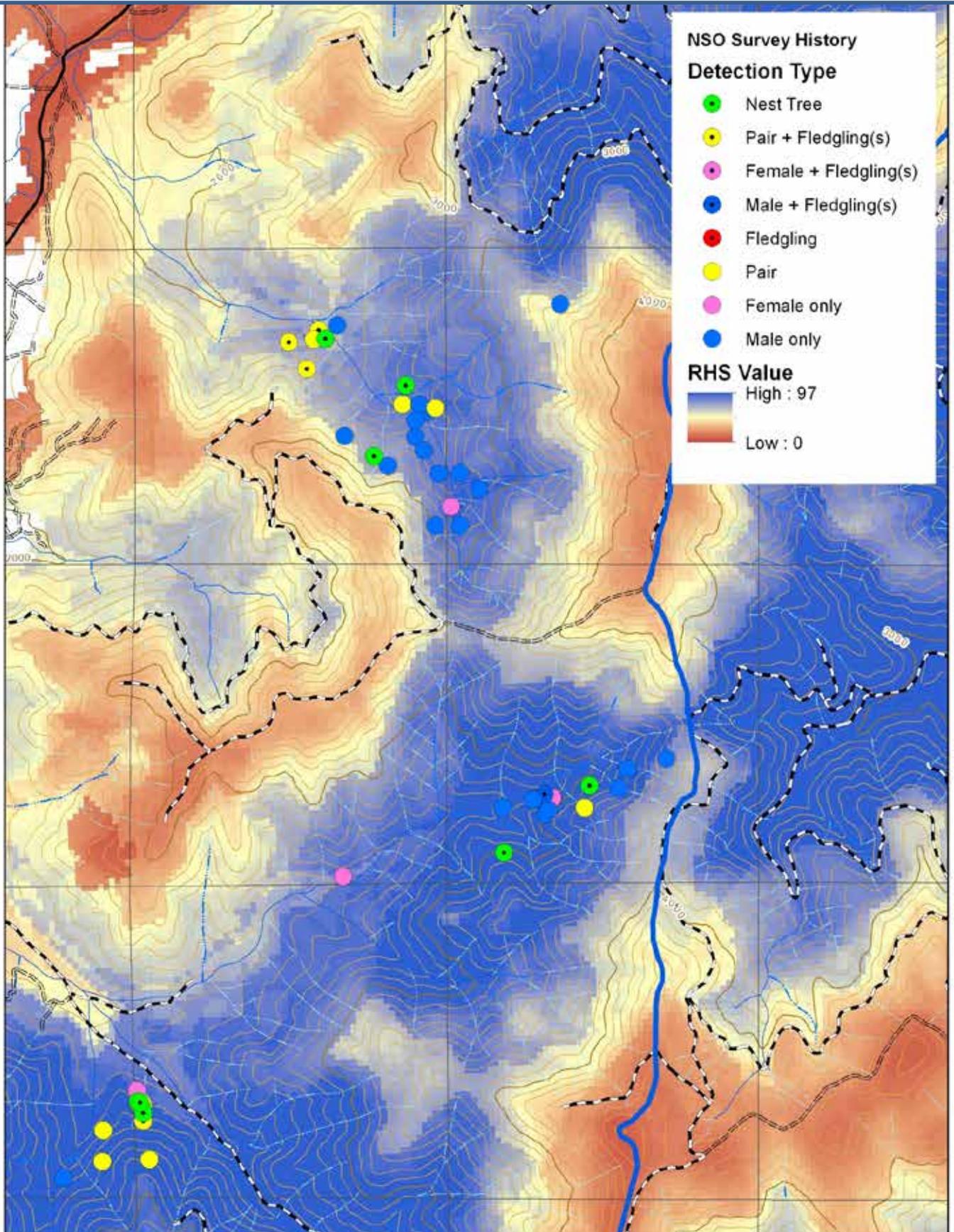
Spotted Owl Relative Habitat Suitability Model

	Variable	Order
Best climate model	Mean July Precipitation	
	Mean July Temperature	
	Mean July Precipitation	
	Mean July Temperature	
	Mean Elevation	
Topographic position	Curvature	
	Insolation	
	Slope Position	
species composition	Redwood	
	Oak Woodland	
	Pine-dominated	
	Northern Deciduous Hardwoods	
	Evergreen Hardwoods	
	Douglas-fir	
	Subalpine species	
Habitat pattern	Core of NR habitat	
	Edge of NR habitat	
Habitat structure	Foraging Habitat Amount	
	Nesting/Roosting Habitat Amount	

Spotted Owl Relative Habitat Suitability Model

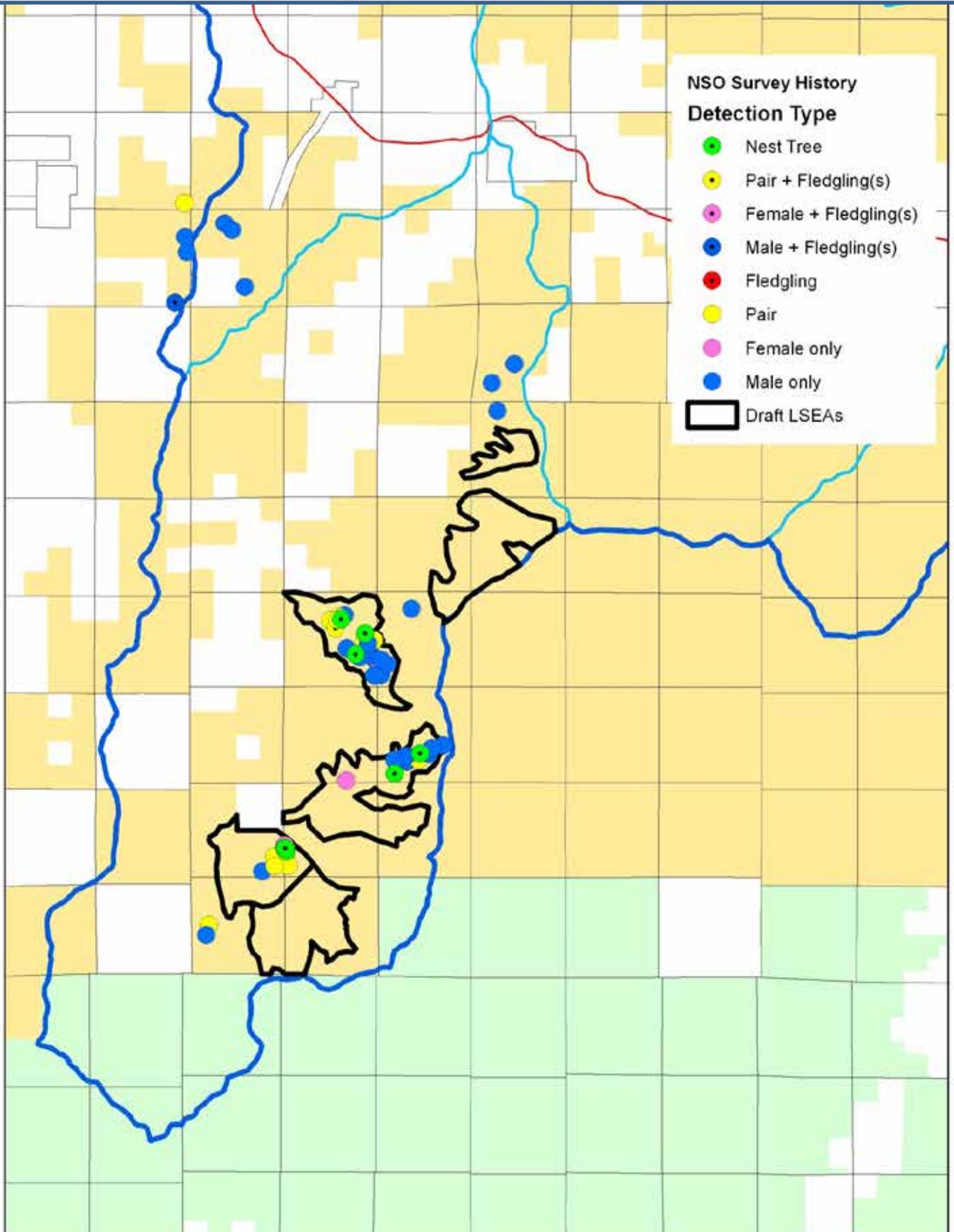


Spotted Owl Relative Habitat Suitability Model

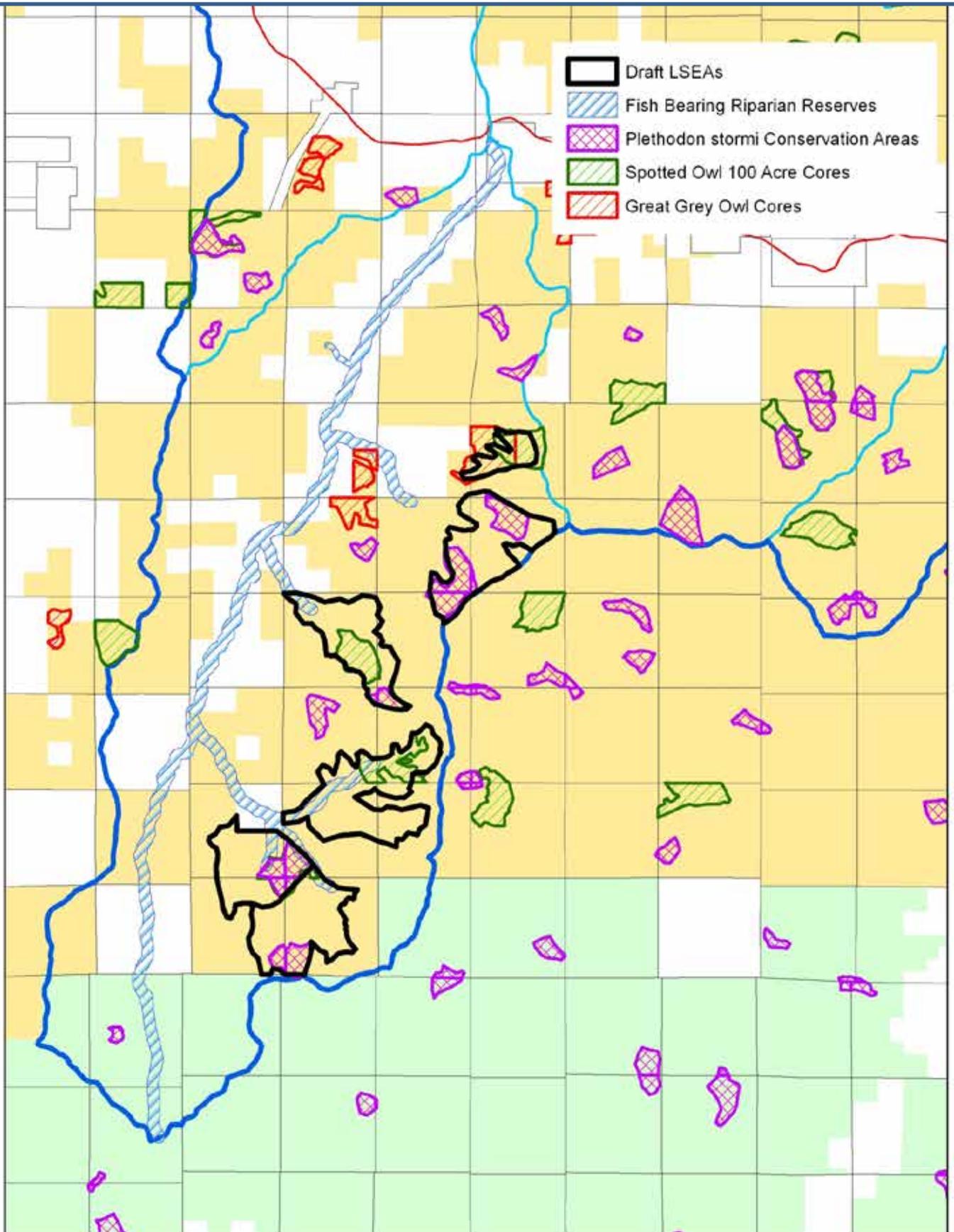


Late-Successional
Emphasis Areas
Preliminary Designation
Within the Pilot
Thompson Planning Area

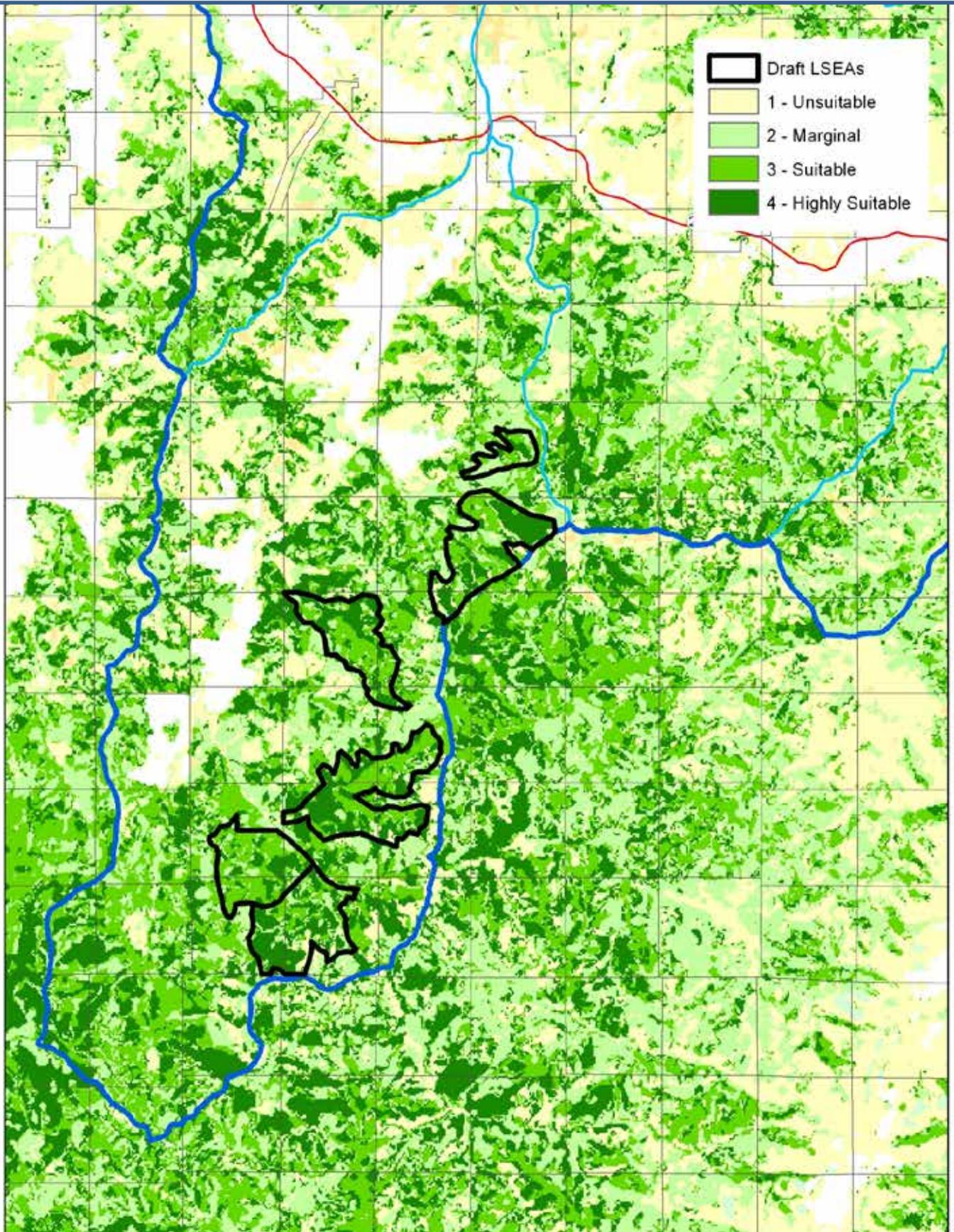
Phase 2 Planning Area – Preliminary LSEAs



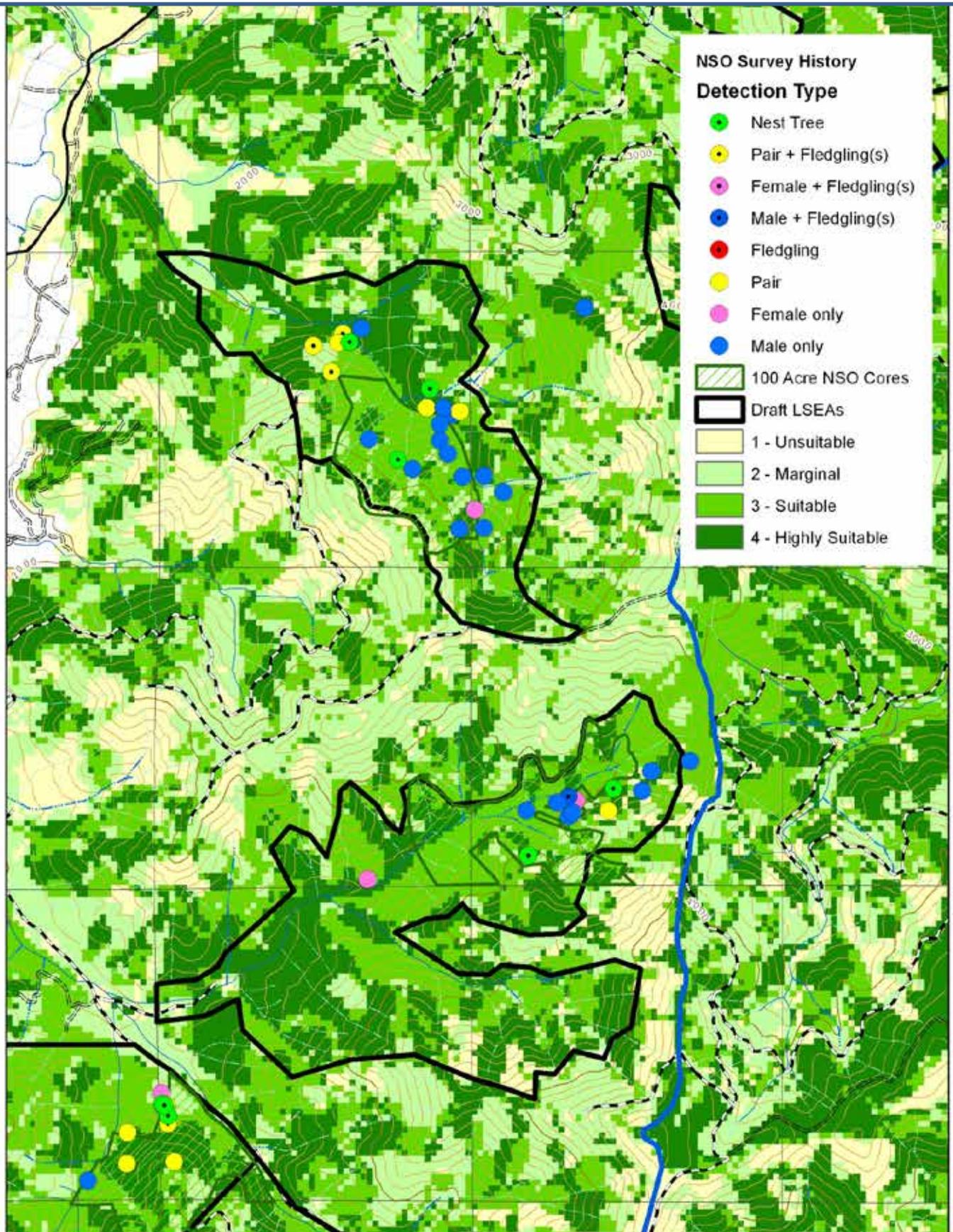
Phase 2 Planning Area – Preliminary LSEAs



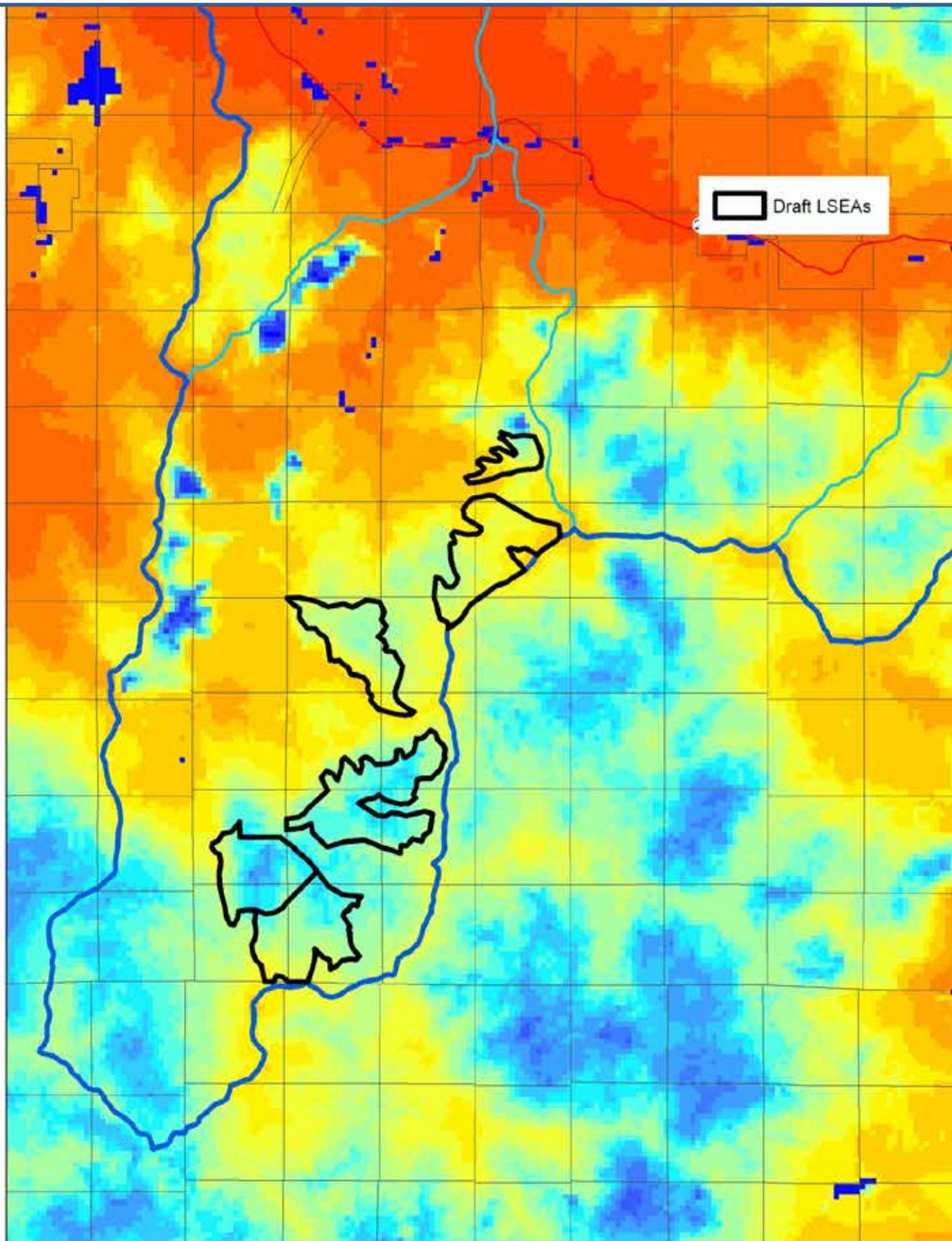
Phase 2 Planning Area – Preliminary LSEAs



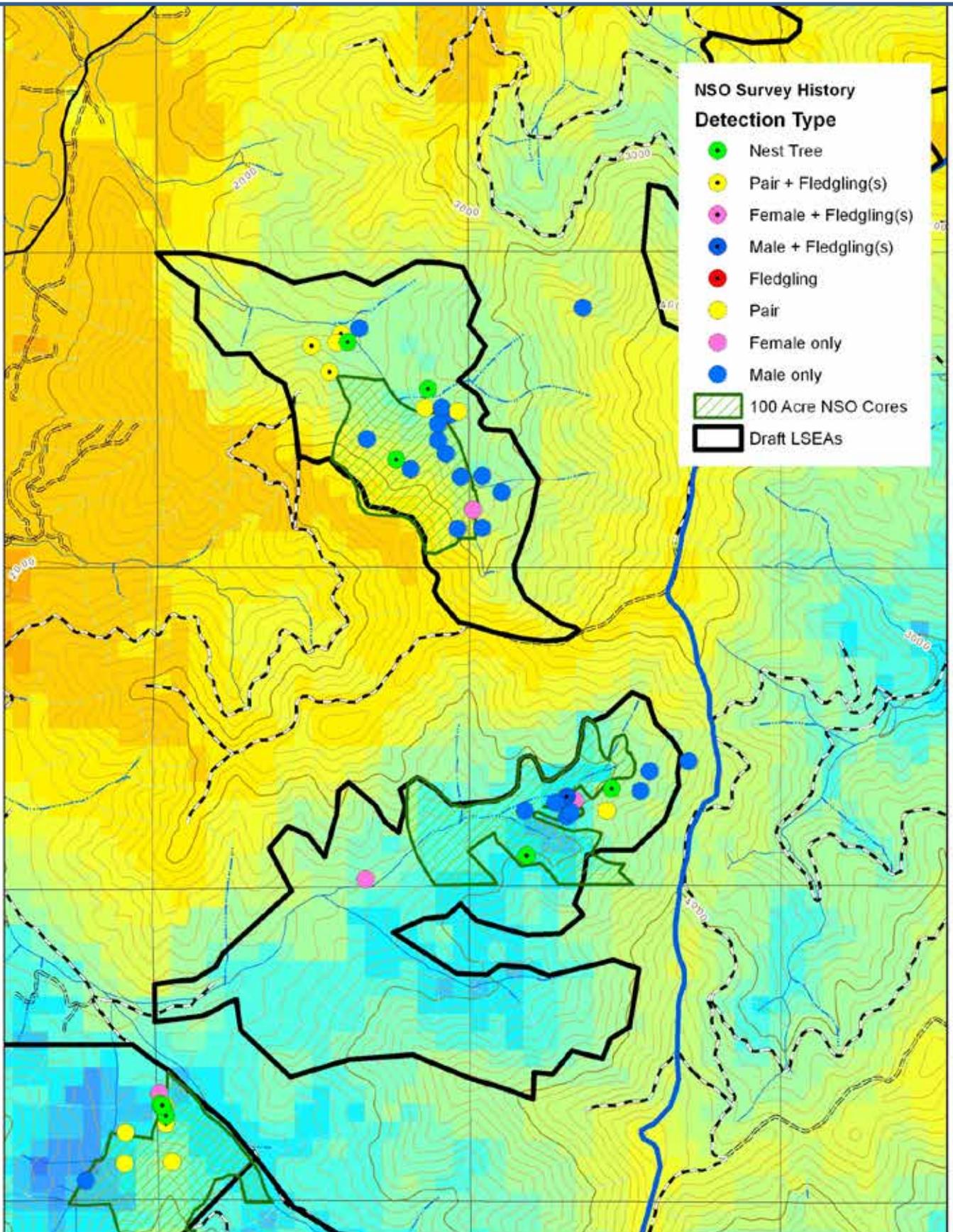
Phase 2 Planning Area – Preliminary LSEAs



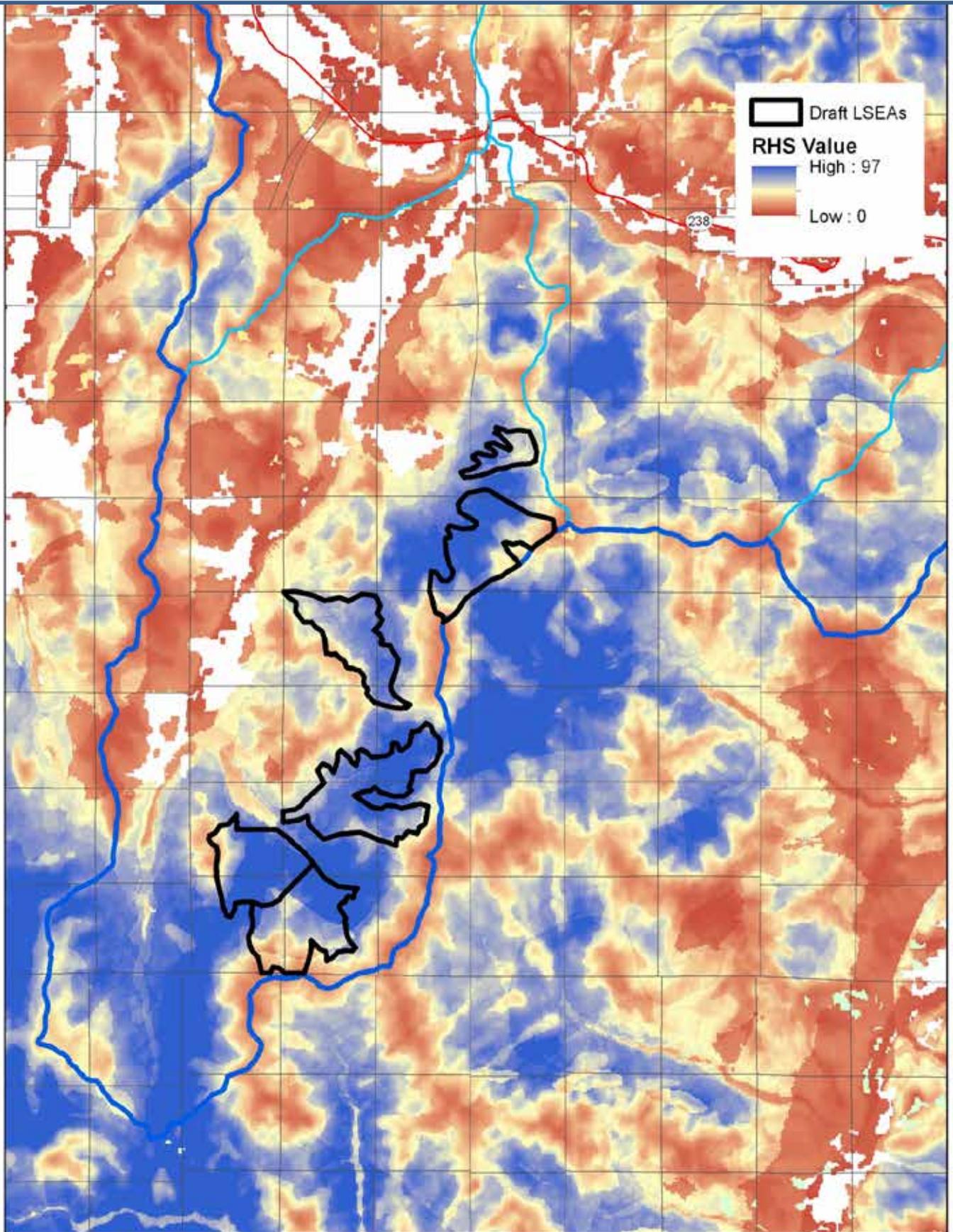
Phase 2 Planning Area – Preliminary LSEAs



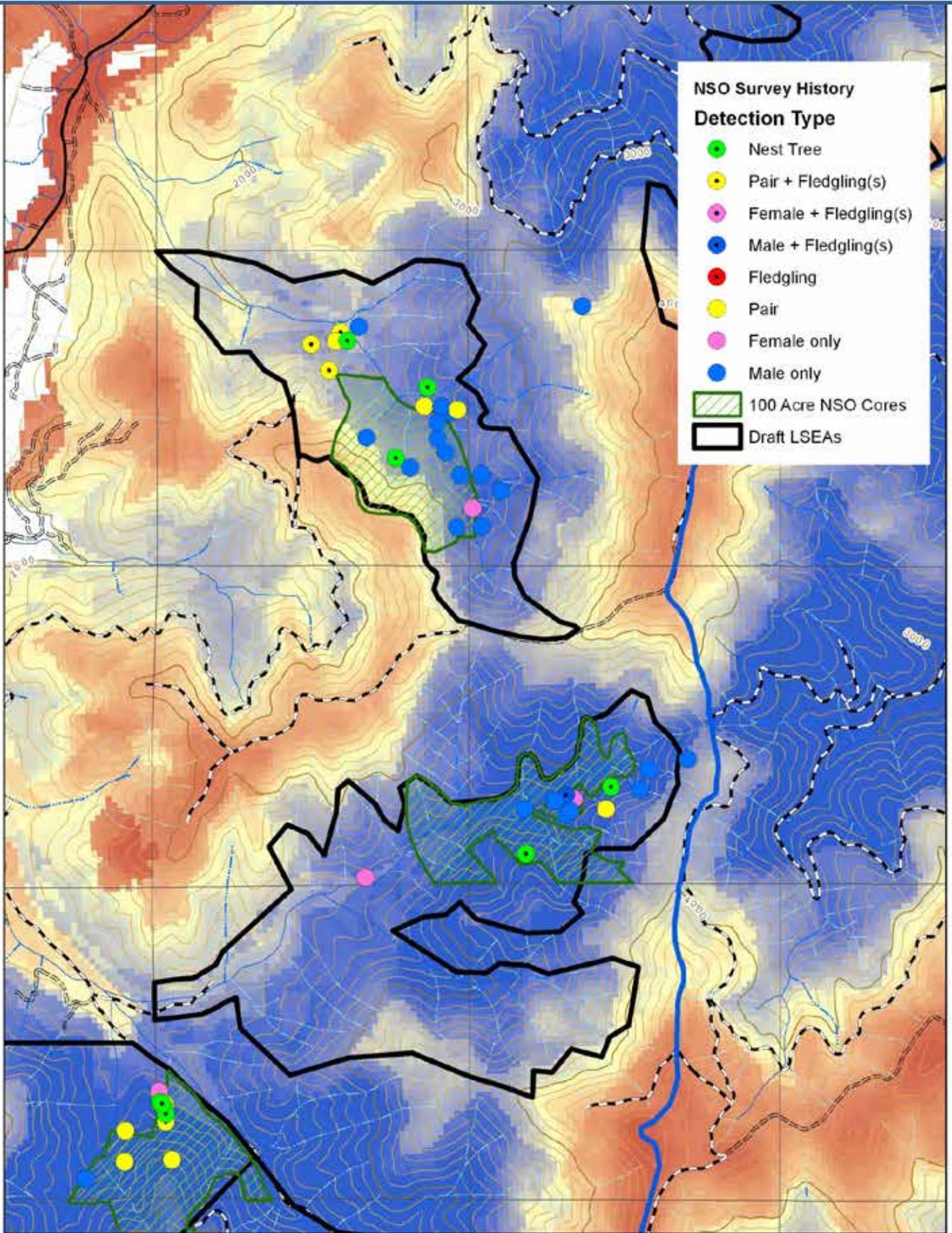
Phase 2 Planning Area – Preliminary LSEAs



Phase 2 Planning Area – Preliminary LSEAs

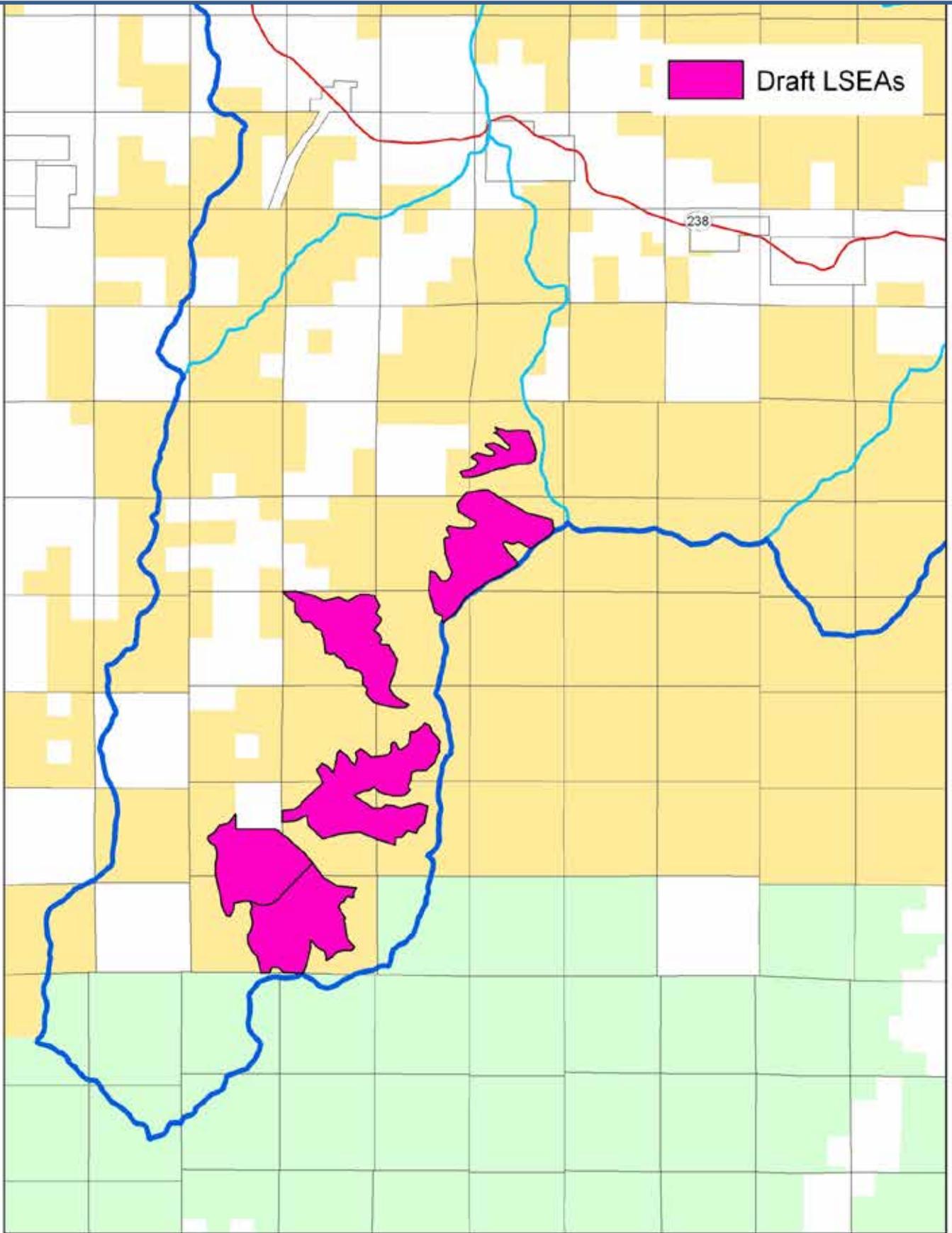


Phase 2 Planning Area – Preliminary LSEAs

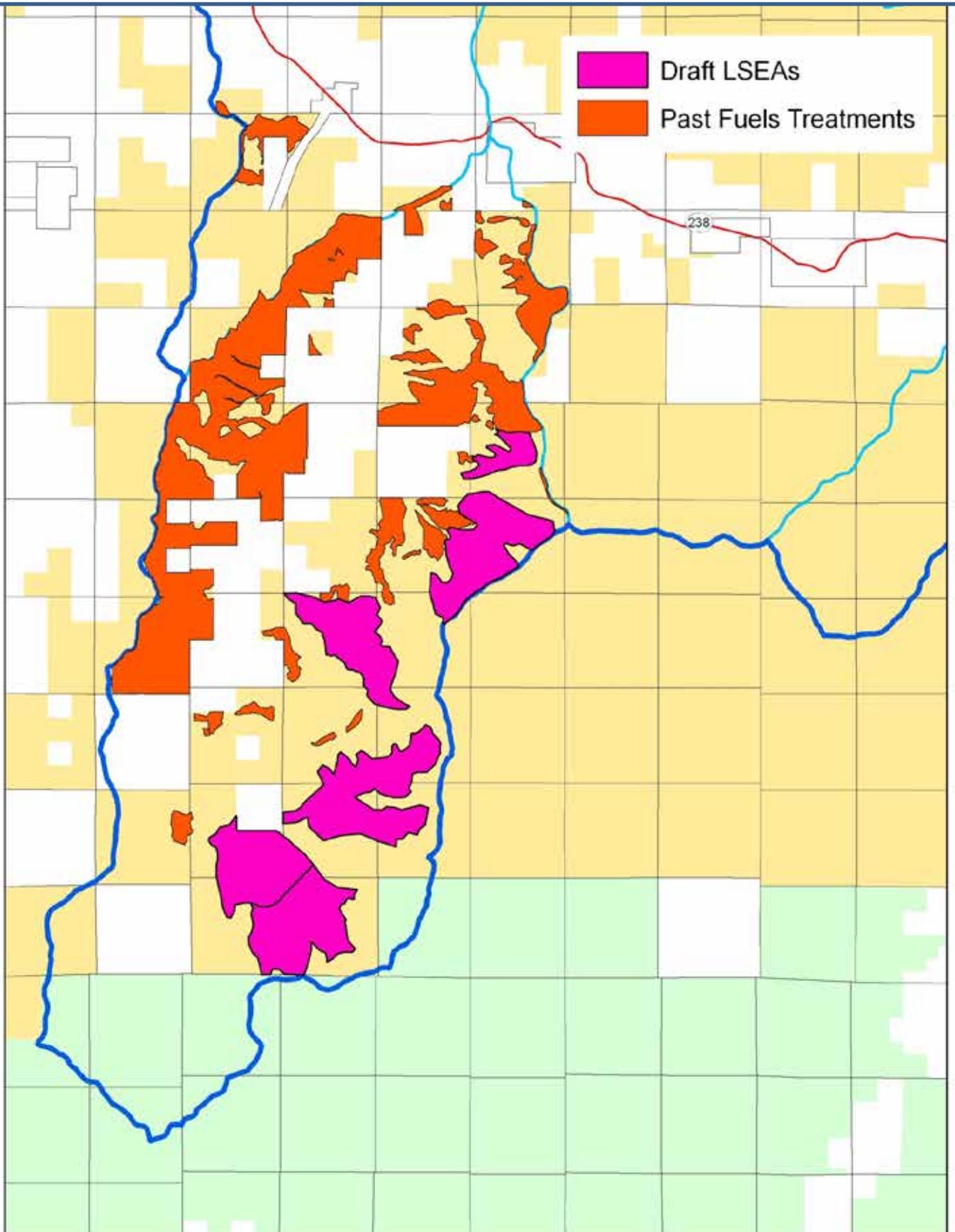


Designing the Potential Treatments

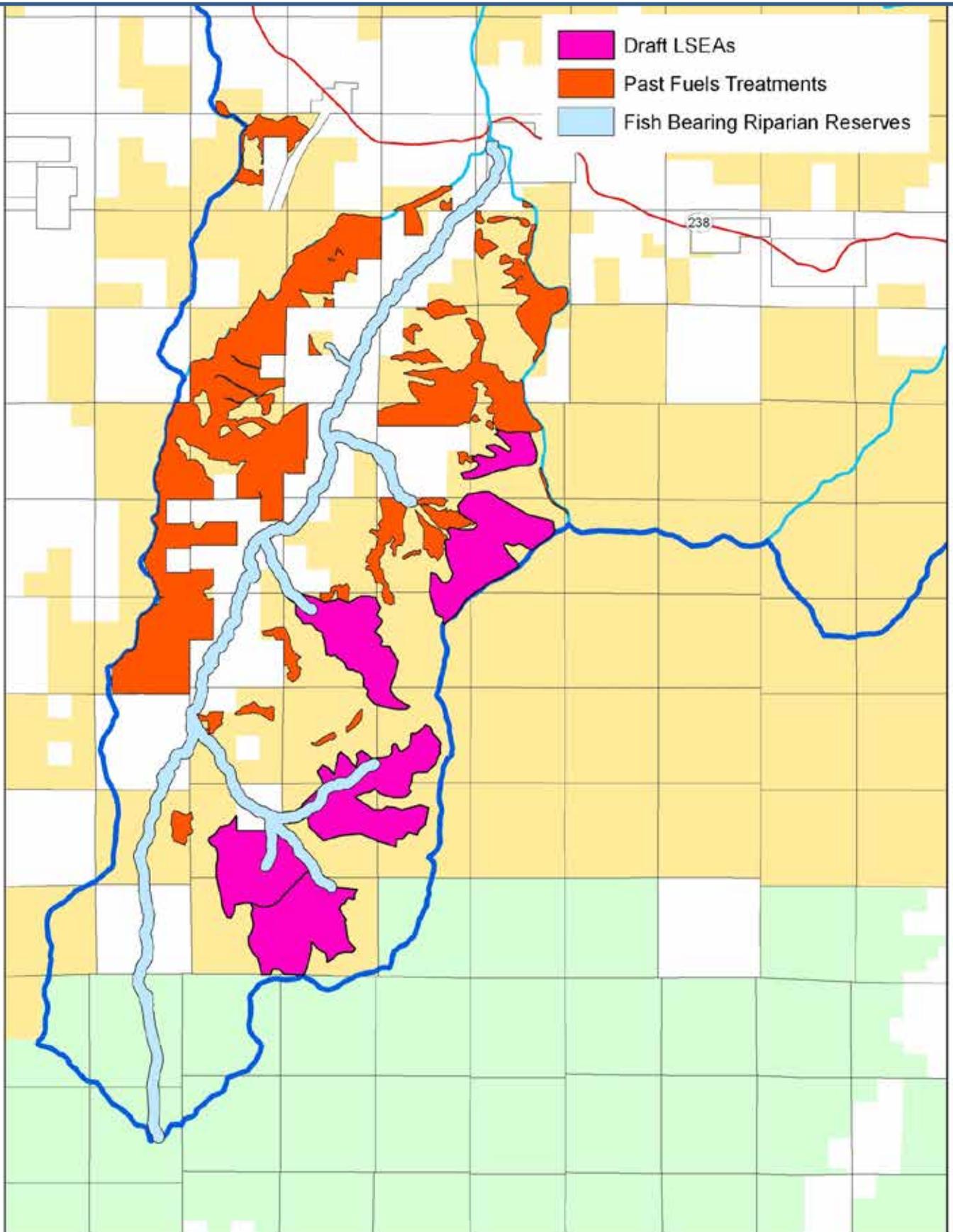
Phase 2 Planning Area – Vegetative Landscape Review



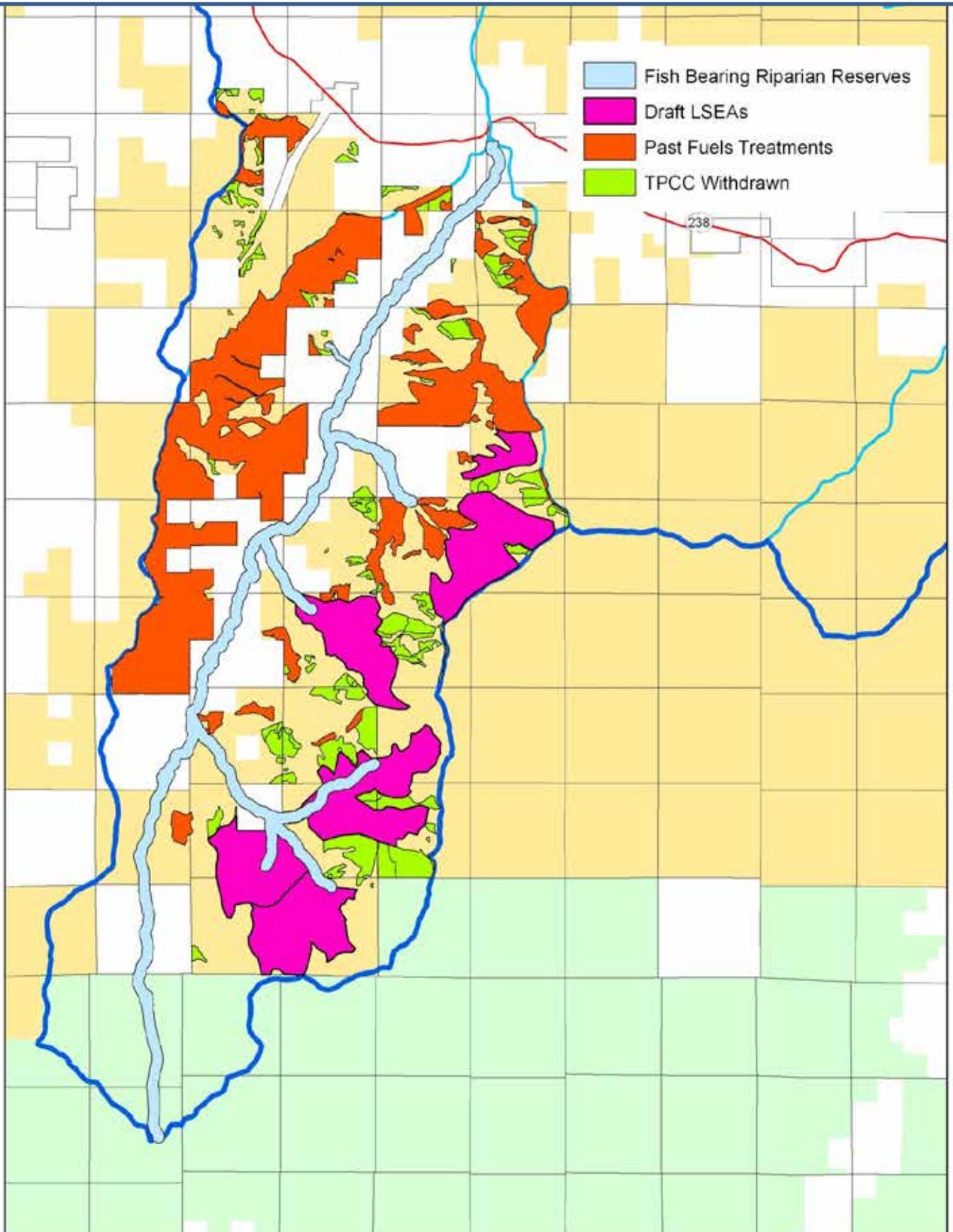
Phase 2 Planning Area – Vegetative Landscape Review



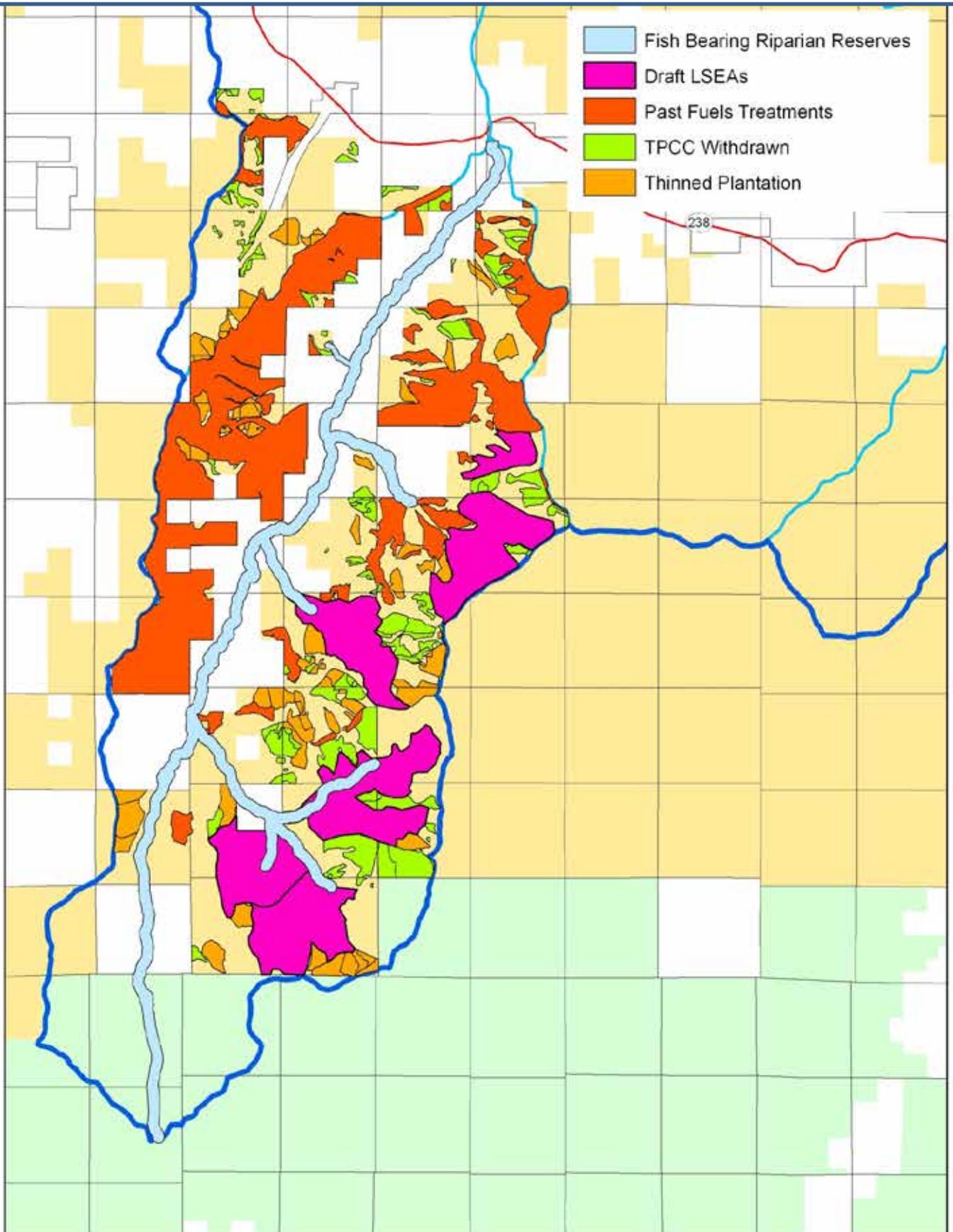
Phase 2 Planning Area – Vegetative Landscape Review



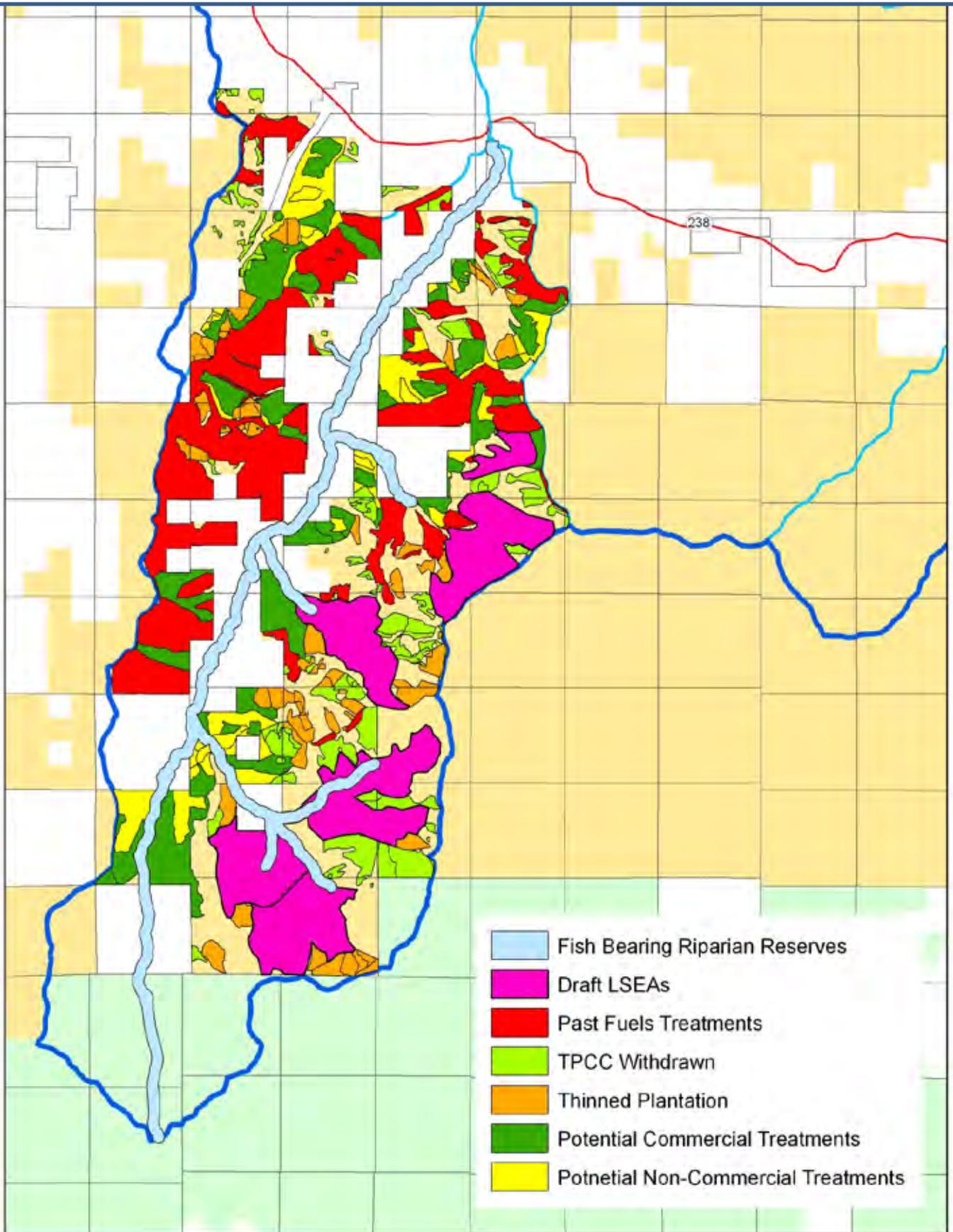
Phase 2 Planning Area – Vegetative Landscape Review



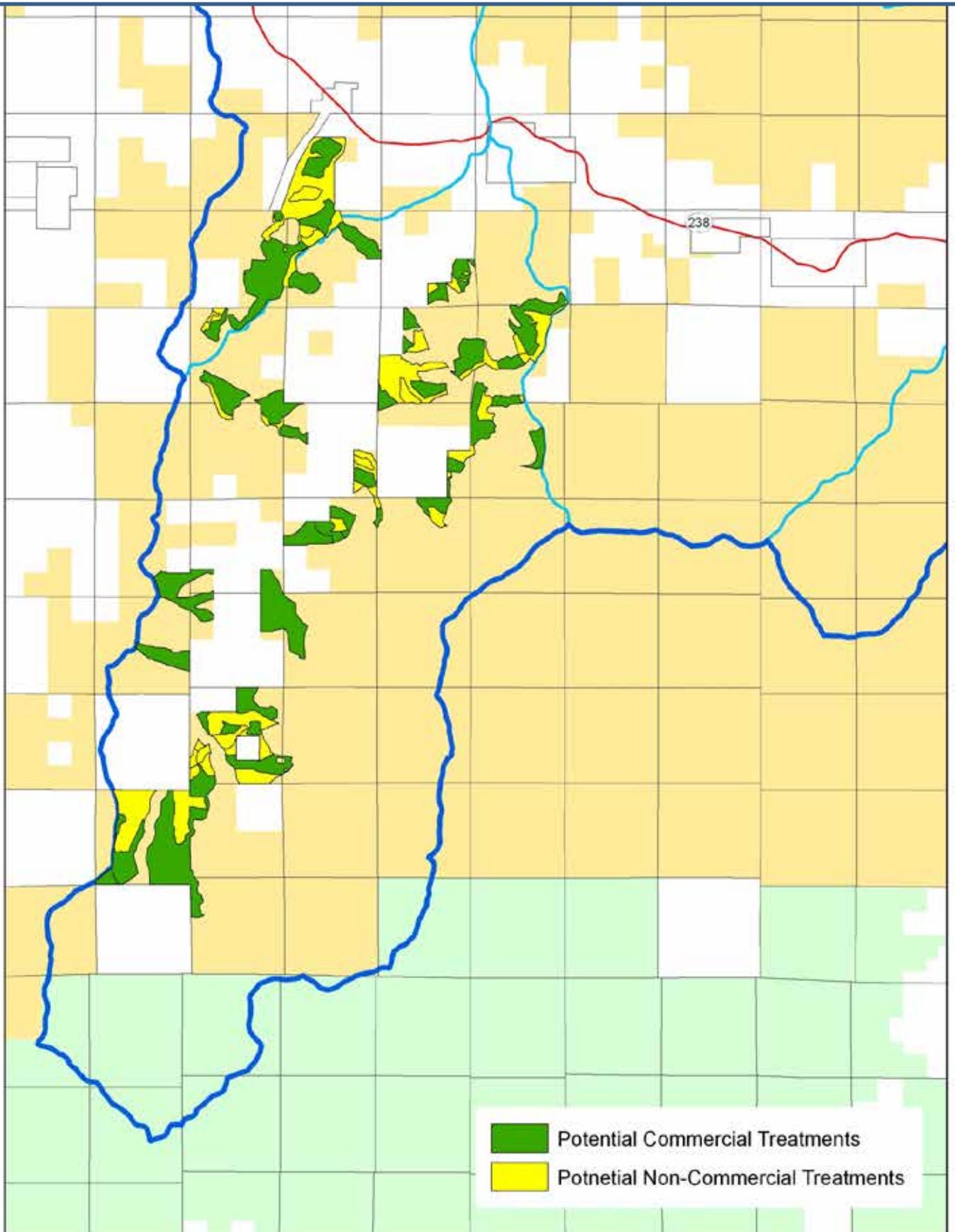
Phase 2 Planning Area – Vegetative Landscape Review



Phase 2 Planning Area – Vegetative Landscape Review



Phase 2 Planning Area – Vegetative Landscape Review



A photograph of two men in a forest. The man in the foreground is wearing a brown hat and a dark jacket, pointing towards the right. The man behind him is also wearing a hat and a dark jacket. A speech bubble with an orange border is positioned in the upper right corner of the image, containing the text "Any Questions?". The entire image is framed by a dark wood-grain border.

Any
Questions?