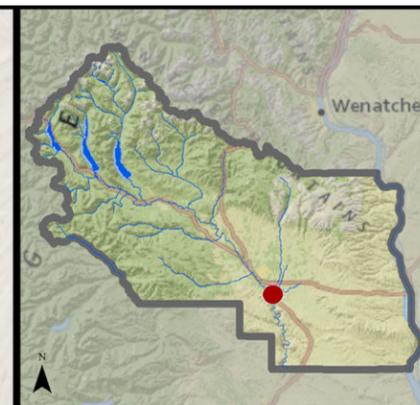
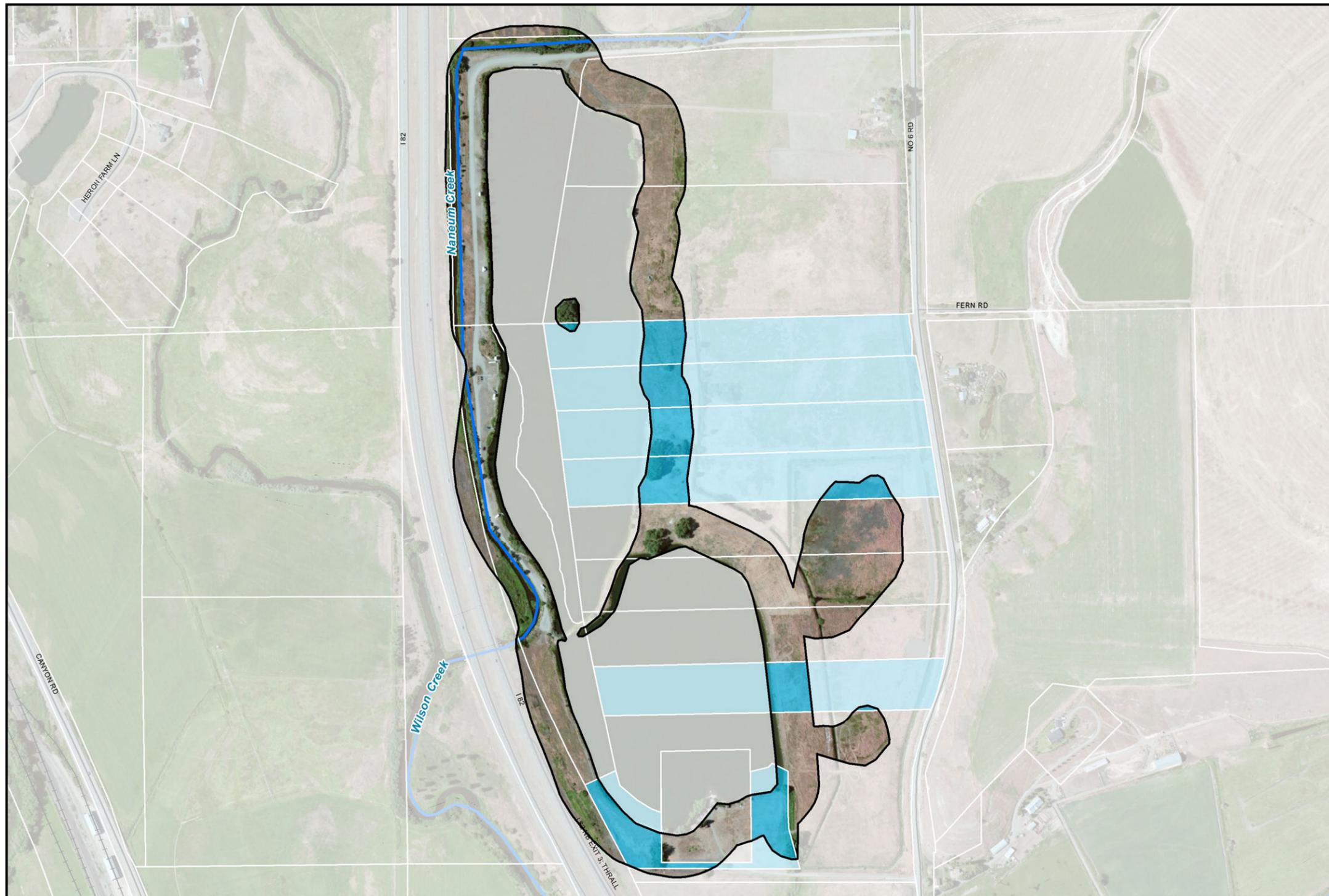
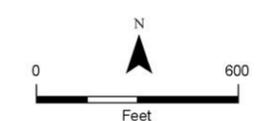


Fiorito Lake – Rural Conservancy SED



- Legend**
- Build Out Analysis Category**
- Vacant Dividable
 - Vacant Non-dividable
 - Occupied Dividable
 - Commercial/Industrial
 - Unlikely to Develop
- Other**
- Parcels
 - Shoreline Jurisdiction
 - City Limits
 - UGA Boundaries



Kittitas County Regional SMP Update
 Cumulative Impacts Analysis
 Fiorito Lake Reach 01
 Rural Conservancy



Fiorito Lake – Rural Conservancy SED

Existing Conditions (By ecological function)	Foreseeable Future Development	Potential Risks to Ecological Functions	SMP Provisions Addressing Functions at Risk		Anticipated Future Performance
			Protection (Proposed SMP regulations with reference by SMP section number)	Restoration (Final Restoration Plan)	
<p>Water Quality</p> <p>Fiorito Lake is listed by Ecology (2008) for the presence of exotic invasive species. The lake has a minimal functional buffer, particularly along the west shore bordering I-90.</p>	<p>According to the build-out analysis, there is potential for approximately 6 new single family residences on existing lots (each approximately 10-acre in area) along the east side of the lake.</p>	<p>An increase in impervious surfaces, resulting from new roofs and pavement, could increase sediment and pollutant runoff to the lake. Use of fertilizers and herbicides within new landscaping areas could also degrade water quality.</p>	<p>Residential development is a permitted use in Rural Conservancy SED (Section 3.10).</p> <p>A 100 foot buffer from the ordinary high water mark is required for all new uses and development. A 15 foot building setback from the buffer is also required (Sections 4.5.B and 5.21).</p>	<ul style="list-style-type: none"> Control invasive aquatic weeds in the lake (<i>no identified sponsor</i>) 	<p>No cumulative impacts anticipated due to low potential for development and protective SMP standards.</p>
<p>Habitat</p> <p>The lake is annually stocked with rainbow trout by WDFW. The surrounding lakeshore is highly altered by surrounding agricultural activities and I-90.</p>	<p><i>See above</i></p>	<p>The area of potential new development is currently within agricultural production; therefore, risks to habitat are relatively low.</p>	<p>Shoreline buffers must be maintained in a predominately well-vegetated condition. Clearing not associated with an allowed use or development is not allowed. (Section 4.5.B).</p>	<p><i>See above</i></p>	<p>No cumulative impacts anticipated due to low potential for development and protective SMP standards.</p>
<p>Hydrology</p> <p>The lake is a former gravel pit that drains to Naneum Creek. The FEMA 100-year floodplain is identified throughout much of the reach.</p>	<p><i>See above</i></p>	<p>Risks to hydrologic functions are low due to the status of the lake as a former gravel pit, and the relatively limited development potential within the reach.</p>	<p>Not applicable.</p>	<p><i>See above</i></p>	<p>No cumulative impacts anticipated due to low potential for development and protective SMP standards.</p>