

## Shoreline Environment Designation Report Supplement

### Record of Proposed Amendments to Preliminary Shoreline Environment Designations and Reach Breaks

Since the Shoreline Environment Designations (SED) report was written in 2013, there have been some changes proposed for various SEDs based on new analysis. Those changes are discussed in this document. In addition, SEDs are proposed for two lakes that are proposed to be added to shoreline jurisdiction and were not included in the 2013 report.

The information in this document supersedes the information in the original SED report for any waterbodies referenced in this document.

#### Planning Commission Recommended Changes

The Thurston County Planning Commission, during its review of SMP documents and public comments, recommended that the proposed SEDs be changed for several shoreline reaches. These changes were requested by the Planning Commission after their review of the existing conditions of each reach, and the designation criteria for each shoreline environment. The information in Table 1 has been incorporated into Appendix A of the SMP update, the Shoreline Environment Designations map.

Table 1. Proposed amendments to preliminary shoreline environment designations.

<b>Reach</b>	<b>Current SMP Designation</b>	<b>Proposed Designation (in 2013 SED report)</b>	<b>Change Requested in 2021</b>	<b>Action Taken</b>
<b>Lake Lawrence</b>				
LLA 5-6	Rural (Shoreline Residential)	Rural Conservancy	Shoreline Residential	This was a citizen request. Upon review, this reach appears to best meet the criteria of the Shoreline Residential SED. On 1/6/21, the Planning Commission voted to amend designation to Shoreline Residential.
LLA 6-1	Rural (Shoreline Residential)	Rural Conservancy	Shoreline Residential	This was a citizen request. Upon review of the SED criteria and the existing condition of this reach, a majority of the Planning Commission voted to revise this reach to Shoreline Residential.

LLA 1-2	Conservancy	Rural Conservancy	Shoreline Residential	This was a citizen request. Upon review of the SED criteria and the existing condition of this reach, a majority of the Planning Commission voted to revise this reach. They requested the northern portion be designated Shoreline Residential, and that the southern portion of the reach (2 parcels with wetland and forest) remain Rural Conservancy.
LLA 8-LLA 8	Natural (portion)	Natural	Rural Conservancy	A request to reconsider this SED was initiated by the Lake Lawrence Community Club. Upon review of the SED criteria, submitted written materials, and the existing condition of this reach, the Planning Commission voted to revise the designation for this reach to Rural Conservancy.
<b>Offut Lake</b>				
LOF 1-2	Conservancy	Natural	Rural Conservancy	This request was initiated by landowners. Upon review of the SED criteria, materials submitted by the landowners, and the existing condition of this reach, the Planning Commission voted to revise the designation for this reach to Rural Conservancy
LOF 5-1	Conservancy	Natural	Rural Conservancy	This request was initiated by landowners. Upon review of the SED criteria, materials submitted by the landowners, and the existing condition of this reach, the Planning Commission voted to revise

				the designation for this reach to Rural Conservancy.
--	--	--	--	--

Proposed SEDs & Analysis For New Shorelines

1. Mining lakes:

There are four waterbodies in south-central Thurston County that were previously given a designation of Mining. These are Unnamed Mines 1, 2, and 3, and Unknown Lake 4 (which will now be referred to as Unnamed Lake 4). During the SMP update effort, the use of a proposed Mining designation was discontinued. Staff have reviewed the four previously-designated Mining lakes alongside the designation methodology in the Shoreline Environment Designations report, and proposes that all four lakes be designated Rural Conservancy. This proposal was reached after reviewing Inventory & Characterization information for these lakes and the designation criteria for each shoreline environment.

WRIA 23 - Lakes				
Waterbody Name	Reach ID	Existing SED	Proposed SED	Designation Rationale (based on Designation Criteria)
Mine 1, unnamed	LUNM-1— LUNM-1	Not designated	Rural Conservancy	Outside incorporated municipalities and outside urban growth areas, AND at least one of the following: <ul style="list-style-type: none"> <li>• Supporting lesser-intensity resource-based uses, such as agriculture, forestry, or recreational uses</li> <li>• Currently accommodating residential uses outside urban growth areas and incorporated cities or towns</li> <li>• Supporting human uses but subject to environmental limitations, such as properties that include or are adjacent to steep banks, feeder bluffs, or flood plains or other flood prone areas</li> </ul>

				<ul style="list-style-type: none"> <li>• High recreational value or with unique historic or cultural resources</li> <li>• Low-intensity water-dependent uses</li> </ul>
Mine 2, unnamed	LUNM-2— LUNM-2	Not designated	Rural Conservancy	<p>Outside incorporated municipalities and outside urban growth areas, AND at least one of the following:</p> <ul style="list-style-type: none"> <li>• Supporting lesser-intensity resource-based uses, such as agriculture, forestry, or recreational uses, or is designated agricultural or forest lands</li> <li>• Supporting human uses but subject to environmental limitations, such as properties that include or are adjacent to steep banks, feeder bluffs, or flood plains or other flood prone areas</li> </ul>
Mine 3, unnamed	LUNM-3— LUNM-3	Not designated	Rural Conservancy	<p>Outside incorporated municipalities and outside urban growth areas, AND at least one of the following:</p> <ul style="list-style-type: none"> <li>• Supporting lesser-intensity resource-based uses, such as agriculture, forestry, or recreational uses, or is designated agricultural or forest lands</li> <li>• Supporting human uses but subject to environmental limitations, such as properties that include or are adjacent to steep banks, feeder bluffs, or flood plains or other flood prone areas</li> </ul>

Lake 4, unnamed	LUNN-4— LUNN-4	Not designated	Rural Conservancy	<p>Outside incorporated municipalities and outside urban growth areas, AND at least one of the following:</p> <ul style="list-style-type: none"> <li>• Supporting lesser-intensity resource-based uses, such as agriculture, forestry, or recreational uses, or is designated agricultural or forest lands</li> <li>• Supporting human uses but subject to environmental limitations, such as properties that include or are adjacent to steep banks, feeder bluffs, or flood plains or other flood prone areas</li> <li>• High recreational value or with unique historic or cultural resources</li> </ul>
-----------------	-------------------	----------------	-------------------	---

## 2. Unnamed Lake 5

This lake is proposed to be included in SMP jurisdiction based on recent analysis of the County’s water bodies data layer. Currently, it is not mapped as shoreline jurisdiction. Staff reviewed data available from the Thurston GeoData Center and the designation criteria for each environment to propose SEDs for the reaches of this lake.

Reach ID	Existing SED	Proposed SED	Designation Rationale (based on Designation Criteria)
LUNN-5-1— LUNN-5-2	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> </ul>

			<ul style="list-style-type: none"> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-2— LUNN-5-3	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-3— LUNN-5-4	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-4—	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable</li> </ul>

LUNN-5-5			<p>function or ecosystem-wide process that would be damaged by human activity.</p> <ul style="list-style-type: none"> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-5— LUNN-5-1	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-6— LUNN-5-6	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> </ul>

			<ul style="list-style-type: none"> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-7— LUNN-5-7	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> </ul> <p>Generally free of structural shoreline modifications, structures, and intensive human uses.</p>
LUNN-5-8— LUNN-5-8	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
LUNN-5-9—	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable</li> </ul>

LUNN-5-9			<p>function or ecosystem-wide process that would be damaged by human activity.</p> <ul style="list-style-type: none"> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
----------	--	--	--

### 3. Unnamed Lake 6

This lake is proposed to be included in SMP jurisdiction based on recent analysis of the County's water bodies data layer. Currently, it is not mapped as shoreline jurisdiction. Staff reviewed data available from the Thurston GeoData Center and the designation criteria for each environment to propose SEDs for the reaches of this lake.

Reach ID	Existing SED	Proposed SED	Designation Rationale (based on Designation Criteria)
LUNN-6-1— LUNN-6-2	Not designated	Natural	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>

<p>LUNN-6-2— LUNN-6-3</p>	<p>Not designated</p>	<p>Natural</p>	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
<p>LUNN-6-3— LUNN-6-3</p>	<p>Not designated</p>	<p>Natural</p>	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</li> <li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li> <li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li> </ul>
<p>LUNN-6-4— LUNN-6-4</p>	<p>Not designated</p>	<p>Natural</p>	<ul style="list-style-type: none"> <li>• Ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.</li> <li>• Includes largely undisturbed portions of shoreline areas such as wetlands, estuaries,</li> </ul>

			<p>unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats.</p> <ul style="list-style-type: none"><li>• Retain the majority of their natural shoreline functions, as evidenced by shoreline configuration and the presence of native vegetation.</li><li>• Generally free of structural shoreline modifications, structures, and intensive human uses.</li></ul>
--	--	--	--

DRAFT