

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

Proposed Amendment to Chapter 8 of the Comprehensive Plan

Marine Resource Lands Working Group’s Recommendation

Note: This text is shown as proposed to accomplish Scoping Report issue #21a: Consider adding a Marine Resource Lands policy section as developed by the Marine Resources Committee.

**Chapter Eight
Resource Lands**

Marine Resource Lands

Introduction

Purpose

Marine resource lands, for the purpose of this plan, are defined as those marine areas waterward of the ordinary high water mark, together with their underlying lands and their water column, within the jurisdiction of the Whatcom County Shoreline Management Program (WCC Title 23). Marine resource lands have the physical conditions and habitat required to generate and maintain fisheries of all types, including the commercial and recreational harvest of finfish, shellfish, algae, and other invertebrates including but not limited to mollusks, crab, and shrimp, etc. This section is intended to guide Whatcom County in the conservation of functioning marine resource lands of long-term commercial, ecological, cultural, and recreational significance, and to ensure that all water-dependent, water-related, and water-enjoyment uses requiring use or access to marine resource lands thrive in the years to come.

GMA Requirements

Goal 8 of the GMA (RCW 36.70A.020) guides the County to “Maintain and enhance natural resource based industries, including productive timber, agricultural, and fisheries industries.” While the GMA does not specifically require the designation of marine resource lands that support aquatic-based uses and industries, functioning marine resource lands are so intrinsically necessary for the creation and sustainability of historical fish and wildlife production that Whatcom County wishes to acknowledge them here.

Process

Per County Council direction, staff convened a working group comprised of members of the Marine Resource Committee, the Shellfish Protection Advisory Committee, and other local marine land experts. This working group developed a draft of this section of the Comprehensive Plan, as well as drafts of the goals and policies contained herein. The draft was then presented to the full membership of the Marine Resource Committee and Shellfish Protection Advisory Committees for review and recommendation to the County Planning Commission and Council.

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

Background Summary

The marine resource lands of Whatcom County have historically been one of the most important natural resources in the region. For thousands of years the shores of Whatcom County provided an important shellfish resource, sustaining our local tribes. More recently the tidelands of Drayton Harbor supported one of the earlier commercial oyster-farming businesses in the Salish Sea. The shore and nearshore lands of the County provided spawning, rearing, and forage areas for a diverse array of finfish and shellfish species which together formed an incredible food web for ancestral tribes and early commercial fisheries. The County's marine resource lands are located along the coastal areas bordering the Salish Sea fed by the rivers, streams, and lakes that drain the upland areas of western Whatcom County. Marine resource lands include more than 130 miles of marine shoreline.

Marine resource lands in the area of Cherry Point are designated in the Shoreline Management Program as the Cherry Point Management Area to support adjacent Heavy Impact Industrial (HII) zoned industrial uses that require deep water access, such as the two existing refineries and an aluminum smelter. The harbor area and waterways in Bellingham Bay are designated for preservation of commerce and navigation along the Bellingham shoreline. The tidelands of Drayton Harbor are designated to support a small commercial wharf, marinas, residential shoreline development, shellfish production, and natural areas.

The majority of marine resource lands in Whatcom County are owned by the State of Washington (managed by Department of Natural Resources [DNR]), the Lummi Nation, and the Port of Bellingham (via a Port Management Agreement with DNR). These include many of the tidelands and subtidal lands in the County. Marine resource landowners also include some private entities that were sold tidelands prior to 1971, and who manage their marine resource lands for a variety of uses, including recreational, commercial, and industrial.

Historically, marine resource lands have been managed for natural and farmed shellfish production and harvest, fishing, transportation, utility corridors (oil/gas/natural gas pipelines; sewer and stormwater outfall pipes; communication lines (phone/fiber optic); power (electric) lines, and commercial, recreational and subsistence/cultural fishing and food gathering. Historic uses also included commercial and industrial uses, marinas (Bellingham, Blaine), municipal garbage dumps, public parks, etc.

With a growing population, there is increasing interest in improving public access to marine resource lands through the addition of boat ramps and access points for motor, wind, and human-powered craft. Over the last 20 years the desire to harvest more diverse aquatic resources, particularly from tidelands, has driven a number of significant efforts to improve water quality as well as innovative culturing techniques such as intertidal geoduck seeding, nori farming, etc.

Conservation efforts have resulted in protection of several areas including the Cherry Point Aquatic Reserve and two areas withdrawn from leasing in Bellingham Bay. These areas are valuable due to their high productivity of aquatic life that contributes to the economy and greater ecosystem of Whatcom County. Twenty years of effort and

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

84 millions of dollars in public investment have kept Drayton Harbor a viable commercial
85 and recreational shellfish growing area for future generations to enjoy.

86 Marine resource lands provide a huge economic benefit to the County, and the health
87 of our stream, river, and estuarine environments and marine resource lands are the
88 foundation of a critical tribal and non-tribal finfish and shellfish industry. In 2006,
89 non-tribal commercial fish landings from Washington fisheries totaled nearly 109.4
90 million pounds, generating \$65.1-million in ex-vessel value (i.e., the price received
91 by commercial fishers for fish). Whatcom County was the State’s second-largest
92 commercial port area that year (after Grays Harbor County), with an ex-vessel value
93 of commercial fish landings of more than \$13.5-million, accounting for nearly 21%
94 of the total value of landings from Washington fisheries. Additionally, the North Puget
95 Sound Region—which the Washington Department of Fish and Wildlife defines as
96 including San Juan, Skagit, Snohomish and Whatcom counties—is also the most
97 popular location for recreational shellfishing in the State. In 2006, the combined
98 recreational shellfish catch in those four counties included more than 3.3-million
99 pounds of Dungeness crab, 23,520 pounds of shrimp, 93,038 pounds of clams, and
100 more than 19,000 individual oysters.¹ In 2016, the marine trades provided 6,033
101 jobs, or 7% of the County’s workforce.²

102 Whatcom County marine shorelines continue to provide income to over 250 Lummi
103 Nation registered shellfish harvesters. Many other Lummi and Nooksack tribal
104 members depend on finfish and crab harvest for a substantial part of their yearly
105 family income. The Lummi Nation shellfish enterprise is highly productive and
106 provides clam, oyster, and geoduck seed to a large part of the northwest shellfish
107 industry. To the extent that the environmental health of these lands impacts the
108 ability of Tribal Nations to practice fish and wildlife harvests and conduct ceremonial
109 activities for their cultural, economic, and spiritual welfare, protection of these lands
110 is a Treaty trust resource supporting Treaty reserved rights to take fish.

111 Other direct and indirect benefits to the County are even more substantial given the
112 multiplier effect from marina-related boat works, electronics, fuel and supplies,
113 charter and whale watching businesses, the Alaska Ferry service, sporting goods,
114 kayaking, rowing, sailing, wind surfing, power boating, and all the sales, repair,
115 maintenance, and provisioning that goes with these type of activities. Whatcom
116 County’s marine resource areas are not only an international destination for water-
117 dependent, water-related, and water-enjoyment activities, such as bird and wildlife
118 watching, sailing and cruising, fishing and gathering, but they are also a gateway to
119 the San Juan Islands, Gulf Islands, the greater Salish Sea environs, and international
120 waters. Whatcom County’s marine resource lands are a renewable and sustainable
121 economic driver that will serve this region well into the future.

¹ Whatcom County, March 2015. *Whatcom County Comprehensive Economic Development Strategy*, prepared by the Whatcom Council of Governments.

² Center of Economic and Business Research, Western Washington University, July 2016. *Whatcom County Marine Trades Impacts*.

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

122 **Issues, Goals, and Policies**

123 The following goals and policies apply to marine resource lands and address the
124 issues of conserving productive aquatic land and meeting the goals of the Growth
125 Management Act.

126 **Marine Resource Land Base**

127 Tidelands, marine waters, major lakes, and navigable rivers were owned by the State
128 of Washington at the time of statehood unless reserved for other uses such as federal
129 facilities or Indian reservations. Between 1889 and 1971, the State sold many of its
130 tidelands to railroads, timber companies, and shellfish growers as a way to finance
131 the State. As a result, the State owns only about 30% of the tidelands. The bulk of
132 tidelands and many shoreland areas are owned or managed by ports, industries,
133 tribes, and private property owners. The State retains ownership of most all of the
134 subtidal lands which were not sold.

135 Since their adoption, the marine resource land base in Washington State and in
136 Whatcom County has largely been protected by the Washington State Shoreline
137 Management Act, as well as Whatcom County's Shoreline Management Program
138 (SMP), Critical Areas Ordinance, and other land use regulations such as stormwater,
139 land disturbance, zoning, and other regulations.

140 Historically, shoreline modification, including filling, hardening, and diking of many
141 natural shorelines has resulted in a significant reduction in acreage of functioning
142 marine resource lands in many areas of the County. These modifications came as a
143 result of transportation improvements (roads, railroads, barge landings, and ferry
144 terminals), utilities (electrical, communications, sewer, stormwater, etc.),
145 hydropower, water-dependent uses (marinas, fish processing, ship yards), non-water
146 dependent uses (large industrial facilities), flood control efforts, residential
147 development (including bulkheading, armoring,³ and docks), and parks.

148 The Washington State Legislature passed the State Shoreline Management Act (SMA)
149 in June 1971. Under the SMA, each county and city is required to adopt and
150 administer a local shoreline management plan to carry out the provisions of the Act.
151 The Whatcom County Shoreline Management Program (SMP) is the document that
152 implements the goals and policies of the SMA at the local level. The SMP was
153 originally adopted by the County Council in May 1976 in accordance with the SMA
154 and the shoreline guidelines issued by the Washington Department of Ecology. The
155 SMP is implemented in coordination with other chapters of the Comprehensive Plan
156 and the Whatcom County Code to protect and manage shorelines throughout the
157 county. It is important to note that Whatcom County and Ecology share joint authority
158 and responsibility for the administration and enforcement of the SMP. In addition,
159 numerous other local, state and federal regulations, permits, and approvals apply to
160 development or use in, on or above the County's marine resource lands. Some of the
161 most common permits and approvals include:

³ Since adoption of the SMP, shoreline armoring, filling, and bulkheading is only allowed for the purpose
of protecting existing structures.

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

Agency	Permit(s)
<u>Whatcom County</u>	<ul style="list-style-type: none"> • <u>Shoreline statement of exemption</u> • <u>Substantial development permit</u> • <u>Shoreline conditional use permit</u> • <u>Shoreline variance</u> • <u>State Environmental Policy Act (SEPA) determination</u>
<u>Washington Department of Ecology</u>	<ul style="list-style-type: none"> • <u>Clean Water Act Section 401 Water Quality Certification</u> • <u>Coastal Zone Management Consistency Determination</u>
<u>Washington Department of Fish and Wildlife</u>	<ul style="list-style-type: none"> • <u>Hydraulic project approval (HPA)</u>
<u>Washington Department of Natural Resources</u>	<ul style="list-style-type: none"> • <u>Aquatic use authorization</u> • <u>Aquatic lands lease agreements</u>
<u>U.S. Army Corps of Engineers</u>	<ul style="list-style-type: none"> • <u>Clean Water Act Section 404 Permit</u> • <u>Rivers and Harbors Act Section 10 Permit</u>

162 **Goal 8T:** Conserve and enhance Whatcom County’s marine land
 163 base for the long-term and sustainable use and operation
 164 of water-dependent, water-related and water-enjoyment
 165 activities.

166 **Policy 8T-1:** Coordinate with public agencies, tribal governments, landowners,
 167 and private organizations to protect and maintain an appropriate,
 168 productive, and sustainable marine resource land base adequate
 169 to support marine-dependent commercial, industrial,
 170 recreational, and cultural needs.

171 **Aquaculture, Fishing, and other Marine Resource Lands Activities**

172
 173 **Goal 8U:** Support measures to increase the viability and
 174 sustainability of Whatcom County's aquatic biodiversity
 175 and production.

176 **Policy 8U-1:** Help improve the efficiency, and effectiveness, and flexibility of
 177 environmental regulations affecting marine resource lands in
 178 order to support environmental protection and improve
 179 predictability.

180 **Policy 8U-2:** Consider ~~d~~Developing a range of non-regulatory programs,
 181 options, and incentives that owners of marine resource lands can
 182 employ to meet or exceed County environmental goals.

Commented [P/C1]: P/C moved to amend; passed 8-0-1

183 **Policy 8U-3:** Support the efforts of people in Whatcom County to operate in a
 184 long-term, sustainable manner as part of a stable, broad-based
 185 economy.

186 **Policy 8U-4:** Work cooperatively with the Washington State Departments of
 187 Natural Resources, Ecology, and Fish and Wildlife to protect

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

188 productive and appropriate use of State marine resource lands
189 within Whatcom County.

190 Policy 8U-5: Continue cooperation and funding for a comprehensive Pollution
191 Identification and Correction (PIC) program as needed to reduce
192 bacterial pollution to levels that meet National Shellfish Sanitation
193 Program Growing waters criteria to allow reopening of closed
194 shellfish beds, and to maintain the operation of those beds in a
195 commercially viable manner.

196 **Reducing Land Use Impacts**

197 Different land owners have different goals for their property and employ different
198 practices when using it, whether it be for their business, home, recreation, or
199 personal enjoyment. But oft times, the practices one property owner employs can
200 have detrimental effects on another property owner’s use or enjoyment of their
201 property, or the public when using public lands, which can lead to conflict amongst
202 users. One of the most cited is how poorly managed agriculture or failing septic
203 systems can cause bacterial pollution of rivers and streams, causing closure of
204 important shellfish production areas. Other adverse upstream inputs include, but are
205 not limited to, excess nutrients, heavy metals, and aromatic hydrocarbons. But there
206 have been other such actions as well, such as piers placed in fish habitat, use of
207 pesticides in shellfish farming, loading/unloading practices, etc. However, many such
208 users are employing new practices and technologies to alleviate such impacts, yet
209 the public many not be aware. Improved communication and education between
210 these groups would be beneficial for each to understand what the other is doing, how
211 their actions affect one another, and how they plan to avoid such impacts.

Commented [P/C2]: P/C moved to delete. Passed 8-0

212 **Goal 8V: Aim to reduce land use conflicts between Whatcom**
213 **County's Marine Resource Lands operations and upland**
214 **property owners.**

215 Policy 8V-1: Support improved communication and understanding between
216 aquatic land landowners and the public through such mechanisms
217 as community forums and educational programs.

218 Policy 8V-2: Work cooperatively with local, State, Federal and Tribal agencies,
219 adjacent upland property owners, and the general public, as
220 applicable, to address community concerns and land use conflicts
221 that may affect the productivity of marine resource lands.

222 Policy 8V-3: ~~Continue to implement land use, building, and transportation~~
223 planning policies, regulations, and practices that help minimize
224 adverse water quality inputs into waterbodies.

Commented [P/C3]: P/C moved to amend. Passes 8-0-1

225 Policy 8V-4: Support and participate in education efforts and programs that
226 emphasize the importance of and promote the benefits of marine
227 resource lands.

228 **Fish and Wildlife**

229 Land use practices on marine resource lands can impact tidelands and other shallow
230 and deepwater habitats that are important to a wide variety fish and wildlife.

Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

231 **Goal 8W:** Ensure that operations associated with marine resource
232 lands strive to avoid adverse impacts to the survival and
233 habitat of aquatic species, particularly to threatened and
234 endangered fish and wildlife species and shellfish
235 resources.

236 **Administration and Regulation**

237
238 **Goal 8X:** Recognize the Shoreline Management Program (WCC Title
239 23) and Zoning Code (WCC Title 20) as the primary
240 regulations used to implement this section.

241 **Policy 8X-1:** Pursuant to RCW 36.70A.480 and Comprehensive Plan Policy
242 10B-8, the Whatcom County Shoreline Management Program is
243 an element of this Comprehensive Plan, and the goals and policies
244 therein are recognized as additional goals and policies of this
245 section.

246 **Policy 8X-2:** Those coastal aquatic lands waterward of the ordinary high water
247 mark are hereby designated as Marine Resource Lands, as shown
248 on Map 8-5.

249 **Policy 8X-3** Regulate land use on Marine Resource Lands within the County
250 through the Shoreline Management Program, Zoning Code, and
251 other appropriate means.

252 **Policy 8X-4** When updating the Shoreline Management Program, consider
253 new or amended policies to further these goals.

254
255 ...

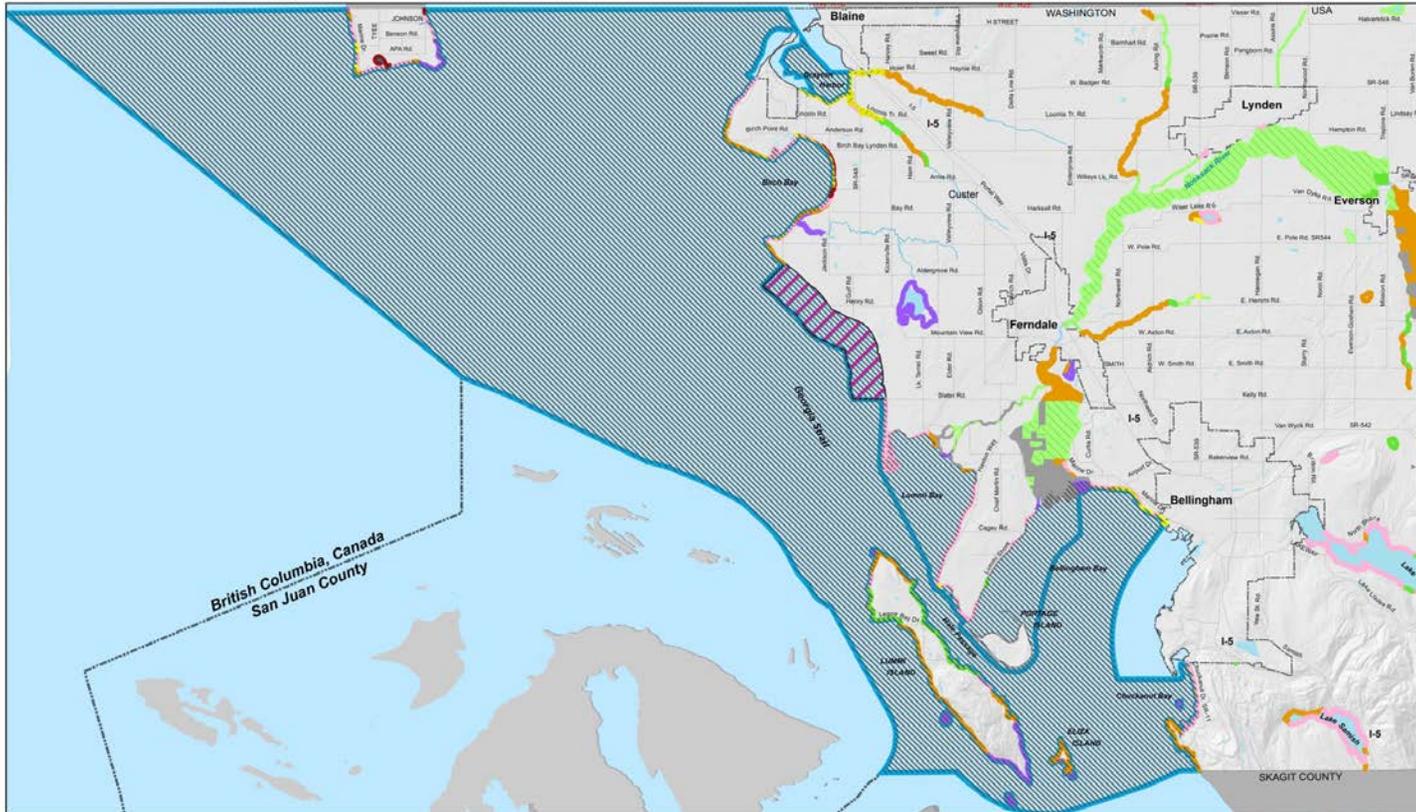
Exhibit C – CompPlan Ch. 8 Amendments, Department of Ecology Approved

August 30, 2024

Chapter 8 – Resource Lands

Whatcom County | Comprehensive Plan

Map 8-5
Designation of Marine Resource Lands



- Marine Resource Lands - 200' inland from OHW, waterward to County line
- Shoreline Area Designations**
- Urban Conservancy
- Resource
- Tribal
- Urban
- Shoreline Residential
- Conservancy
- Cherry Pt. Management Area
- Urban Resort
- Rural
- Natural
- Aquatic

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Source: Whatcom County PDS 3018 (base)