

## Clallam County Natural Resource Plans Approved Consultants List 2015

Natural resource plans may be required for projects that are located within critical areas; located within 200 feet of designated critical habitat; located within an aquatic and wildlife habitat conservation area; or affect habitat that has been identified for protection. The adoption of the final Critical Areas Code (C.C.C. 27.12) on January 7<sup>th</sup>, 2000 established requirements for development within these sensitive areas. Furthermore, the designation of much of the County's shoreline as critical habitat for threatened salmon species has created the need for more active planning for development located in these areas. This list contains the names of consultants who have been determined to meet Clallam County criteria for developing natural resource plans. Other consultants or individuals may be used if, after a review of their qualifications, it is determined that they meet criteria specified by the Critical Areas Code. The chart below can help you determine whether a natural resource plan is required for your project.

### Natural Resource Plans

<i>If project is:</i>	<b>Located within 200' of designated critical habitat</b>	<b>Located within an Aquatic or Wildlife Habitat Conservation Area</b>	<b>Located in a Geologic Hazard area</b>	<b>Affecting the habitat identified for protection</b>
<i>You will need:</i>				
<b>Wetland Delineation</b>	No	Yes, if a regulated wetland is part of the habitat conservation area	No	Yes, if a regulated wetland is part of the habitat conservation area
<b>Drainage and Erosion Control Plan</b>	Yes	Yes	Yes	Yes
<b>Geotech report</b>	No	No	Yes	No
<b>Habitat Management Plan</b>	Yes; consultant list available	Yes; consultant list available	No	Yes; consultant list available
<b>Mitigation Plan for Wetlands, Geologic Hazard, and /or Aquatic/Wildlife Habitat</b>	No	Yes	Yes	Yes
<b>Bald Eagle Management Plan</b>	Maybe*	Yes; contact WDFW	No	Yes; contact WDFW

\*Washington Department of Fish & Wildlife designates habitat restrictions for bald eagles. Contact Shelly Ament, WDFW biologist, at (360) 681-4276 for more information.

### Summary of Special Reports from the Clallam County Critical Areas Code, 27.12 CCC

The following is a brief summary of various plans that may be required when development occurs within the jurisdiction of critical areas. A more detailed explanation can be found in the complete text of the Critical Areas Code, available online at [www.clallam.net](http://www.clallam.net). Follow the links to both maps and the county laws. Particular attention should be given to Part Eight "Special Reports," including the general and special requirements for each plan. A portion of that section is also included at the end of this list.

**Wetlands:** A determination of the wetland boundary, delineation of the wetland buffer, and classification with regards to wetland rating is required prior to any development within the jurisdiction (200 feet) of an unranked wetland. The Washington State Delineation Manual, (RCW 90.58) shall be used to identify and delineate regulated wetland boundaries. The wetland boundary shall be identified and delineated, or evaluation of special reports for regulated wetlands shall be conducted by a biologist with wetlands ecology expertise who is knowledgeable of wetland conditions within the North Olympic Peninsula Region and has professional experience in this occupation; or those individuals or firms which have been certified by the Association of Wetland Scientists. This person shall field stake the wetland boundary and this line shall be surveyed by a professional land surveyor if the delineation is required for a land division pursuant to Title 29 C.C.C. Required experience for these consultants is summarized in the following chart.

## Description of Level 1 and Level 2 Wetland Consultants

Level	Level 1	Level 2
<i>Activities</i>	Mitigation projects which do not require extensive engineering or expertise in wetland restoration or creation. Contact the Planning Division for approval of Level 1 consultants on your wetland mitigation project before proceeding.	Establishing mitigation measures for projects that will impact wetland environments.

Qualifications	Level 1	Level 2
<i>Education</i>	Bachelors of Science or Arts degree in Botany or Biology	Bachelors of Science or Arts degree in Biology or Earth Sciences
<i>Experience</i>	Minimum two years' practical experience of delineating wetlands and wetland plant identification. Significant experience with the 1987 Corps' Wetland Delineation Manual	Minimum two years' practical experience in wetland mitigation/preservation and restoration/creation. Familiar with wetland planning which includes expertise in mitigation, preservation, restoration, creation and monitoring of wetlands.

**Drainage and Erosion Control Plans:** Engineered drainage and erosion control plans are usually required prior to development located within the jurisdiction (200 feet) of a critical area and for land divisions. Of particular concern are those activities located within designated erosion hazard areas, or those activities which have the potential to affect water quality or slope stability. The standards for these plans are found within the 1992 Stormwater Management Manual for the Puget Sound Basin (adopted by Clallam County). Additionally, development that includes creation of less than 5,000 square feet of impervious surfaces (including, but not limited to roofs, paved driveways, gravel driveways, patios, and walkways) and/or land disturbing activities of less than 1 acre, is required to meet Clallam County's "Drainage Plan Guidelines for Engineered Systems" (adopted January, 1994). These reports shall be prepared by a civil engineer licensed in the State of Washington. Note: A stormwater management ordinance is currently being considered by Clallam County, with final action by the County Commissioners anticipated. Until this occurs, please continue to use the 1992 Manual and County Drainage requirements.

**Geotech Reports:** Geotechnical reports are required for any proposed reduction in the landslide hazard buffer to less than 50 feet. They may also be required as part of an application for a land division containing a landslide hazard or for the alteration of an existing use within a landslide hazard or its buffer. Additionally, the Uniform Building Code (Section 1801) contains requirements for geotechnical reports for foundations close to steep slopes or within 100 feet of an area classified as an "Unstable Marine Bluff." These reports shall be prepared by either a geologist or geotechnical engineer, or civil engineer licensed in the State of Washington. The geotechnical report certify that: (1) there is minimal hazard and a quantitative analysis of slope stability indicates no significant risk, (2) the development will not significantly increase surface water discharge or sedimentation to adjacent properties beyond pre-development conditions, and (3) the development will not decrease slope stability on adjacent properties.

**Habitat Management Plans:** Generally, such plans are required prior to development located within the jurisdiction of a Class I Habitat Conservation Area, and may be required prior to development located within the jurisdiction (200 feet) of a Class II Habitat Conservation Area. At this time, management plans for development within bald eagle habitat is coordinated through the Washington Department of Fish and Wildlife (360-681-4276 for Clallam County). Development within designated critical habitat for threatened species of salmon must adhere to the "General Habitat Management Plans and Guidance for Threatened Species of Salmonids in Clallam County 4/11/00." If the buffer requirements in these guidelines cannot be met, as Habitat Management Plan will be required. These plans shall be prepared by a person who has been educated in this field and has professional experience as a wildlife biologist.

**Mitigation Plans:** Mitigation plans are generally required as a condition of permits for Critical Area Variances, Reasonable Use Exceptions, development within 200 feet of a Type I (and some Type II) Wildlife Habitat Area, Certificates of Compliance, and other circumstances described in the Critical Areas Code. Specific requirements for Wetlands, Aquatic/Wildlife Habitat Areas, Geologic Hazardous Areas, Frequently Flooded Areas, and Critical Aquifer Recharge Areas can be found in Section 27.12.800 of the Code.

**Critical Areas Determination:** This is a non-binding, no-guarantee service that would allow a private evaluation of the existence of critical areas on property. This is a useful service to potential purchasers of property to understand what limitations may be placed on future development. Such evaluations cannot be approved by the County and offer no guarantee of the future "buildability" of a parcel.

### Approved Consultants List (Located Within Clallam County)

<u>Name and address</u>	<u>Telephone</u>	<u>Email &amp; Web Address</u>	<u>Wetlands</u>	<u>Habitat Mgmt.</u>	<u>Geotech</u>	<u>Drainage Erosion</u>	<u>Mitigation</u>	<u>Critical Determ.</u>
4 Seasons Engineering, Inc (Jay Petersen, PE) 619 S. Chase Street Port Angeles, WA 98362	(360) 452-3023 Fax 452-3047	fourse@olypen.com 4seasonsEng.com			Yes	Yes	Yes Terrestrial Aquatic	Yes
Envirotech Engineering (Michael Staten) PO Box 984 Belfair, WA 98528	(360) 275-9374 (360) 689-6045	envirotech@geotechnicalinfo.com			Yes	Yes		Yes
Kenneth D. Gilbertson, Consulting Forester 774 Fors Road Port Angeles, WA 93863	(360) 452-6388 (360) 460-6244	kgforestcon@yahoo.com		Yes			Yes Terrestrial	
Loggy Soil and Wetland Consulting (W. David Loggy, CPSS) PO Box 2347 Port Angeles, WA 98362	(360) 457-3920 (360) 775-0901 Fax 457-0131	wdploggy@olypen.com	Yes	Yes			Yes	Yes
Olympic On-Site (Ronald Garcelon) PO Box 3002 Port Angeles, WA 98362	(360) 681-2202 (360) 461-3575	olympiconsite@qwestoffice.net	Yes					Yes
Owen Structural Engineering, Inc (Craig Owen, PE, SE) 220 E. First St. Port Angeles, WA 98362	360-460-2262 360-452-8574	crowen@olypen.com			Yes	Yes	Yes GeoHazard	
Shreffler Environmental (Dave Shreffler) 3890 Lost Mountain Rd. Sequim, WA 98382	(360) 582-1712 Fax 683-1734	lostmtnloft@olympus.net		Yes			Yes Aquatic	Yes
Unger, Gene, PE 1401 West 7 <sup>th</sup> St. Port Angeles, WA 98363	(360) 452-2098 Fax 417-2098	ungerpe@msn.com			Yes	Yes		Yes
Westech Company (G. Bradford Shea, Ph.D, REPA, ABI) PO Box 2876 Port Angeles, WA 98362	(360) 565-1333	brad@westechcompany.com	Yes	Yes			Yes Terrestrial Aquatic	Yes
Zenovic & Associates, Inc. 301 E. 6th St. Suite 1 Port Angeles, WA 98362	(360) 417-0501 Fax 417-0514	zenovic@olympus.net www.zenovic.net			Yes	Yes		Yes

**Approved Consultants List (Located Outside of Clallam County)**

<u>Name and address</u>	<u>Telephone</u>	<u>Email &amp; Web Address</u>	<u>Wetlands</u>	<u>Habitat Mgmt.</u>	<u>Geotech</u>	<u>Drainage Erosion</u>	<u>Mitigation</u>	<u>Critical Determ.</u>
Altmann Oliver Associates, LLC (John Altmann) PO Box 578 Carnation, WA 98014	(425) 333-4535	john@altoliver.com	Yes				Yes	Yes
Aquatica Environmental Consulting PO Box 308 Duvall, WA 98019	(425) 802-8988	teresa@aquaticaec.com www.aquaticaec.com	Yes					
Agua Tierra Land & Water Services, Inc 1910 Fourth Ave East, Box 227 Olympia, WA 98506	(360) 280-5896	christian@aguatierra.net	Yes	Yes	Yes	Yes	Yes Terrestrial Aquatic	Yes
BGE Environmental, LLC 2102 Brashem Ave Bremerton, WA 98310	(360) 710-6066 Fax 782-2224	bgerobbbyn@comcast.net	Yes	Yes			Yes	Yes
Coastal Geologic Services, Inc (Jim Johanessen LEG LG) 1711 Ellis St., Suite 103 Bellingham WA 98225-4655	(360) 647 1845	jim@coastalgeo.com		Coastal processe s	Coastal		Coastal processes	Yes
Coastal Solutions LLC (Robert Cousins, LEG) 11027 Manitou Beach Drive NE Bainbridge Island, WA 98110	(206) 459-7264	rob@coastalsolns.com nina@coastalsolns.com			Yes	Yes	Yes Terrestrial Coastal	Yes Geohaz Streams
GeoEngineers, Inc (Wayne S. Wright, CFP, PWS) 600 Stewart Street, Suite 1700 Seattle, WA 98101	(206) 239.3254 (360) 265-1340	wwright@geoengineers.com www.geoengineers.com	Yes	Yes	Yes		Yes Terrestrial Aquatic	Yes
Hart Crowser-Pentec Environmental (Karis Pratt) 190 W. Dayton Street, Suite 201 Edmonds, WA 98020	(425) 329-1146 (425) 775-4682 Fax 778-9417	kelly.eng@hartcrowser.com karis.pratt@hartcrowser.com hartcrowserblog.wordpress.com	Yes	Yes	Yes	Yes	Yes	Yes
Marine Surveys & Assessments 521 Snagstead Way Port Townsend, WA 98368	(360) 385-4073 (360) 301-0262	marine.surveys.inc@gmail.com	Yes	Yes			Yes Terrestrial Aquatic	
NW Environmental Sciences, LLC (Donna Frosthalm) 4845 Willamette St. Port Townsend, WA 98368	(360) 531-3300	donnalf@olympus.net	Yes	Yes			Yes Terrestrial Aquatic	Yes
Olympic Wetland Resources, Inc (Dixie Llewelin) 856 50 <sup>th</sup> St. Port Townsend, WA 98368	(360) 385-6432	dixie@cablespeed.com	Yes	Yes			Yes	Yes
Phil Haberman, P.G., P.E.G. PO Box 82243 Kenmore, WA 98028	(206) 452-9671	philhaberman@gmail.com			Yes	Yes		
Robert S. Bogar, WA Licensed HydroGeologist PO Box 1092 Long Beach, WA 98631	(360) 244-2630	rbogar@gmail.com www.robertbogar.com	Yes	Yes	Yes			