



US Army Corps  
of Engineers  
Seattle District



# Joint Public Notice

## Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers  
Regulatory Branch  
Post Office Box 3755  
Seattle, WA 98124-3755  
Telephone (206) 764-6906  
Attn: Jim Green, Project Manager

WA Department of Ecology  
SEA Program  
Post Office Box 47600  
Olympia, WA 98504-7600  
Telephone (360) 407-6068  
Attn: SEA Program, Federal Permit  
Coordinator

Public Notice Date: October 20, 2008  
Expiration Date: November 19, 2008

Reference No.: NWS-2008-549-SO  
Name: Chehalis, Port of

---

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA). Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws.

**APPLICANT:** Port of Chehalis  
321 Maurin Road  
Chehalis, Washington 98532  
ATTN: Mr. Jim Rothlin, Executive Director  
Telephone: (360) 748-9365

**AGENT:** Ecological Land Services  
1157 - 3<sup>rd</sup> Avenue, Suite 220  
Longview, Washington 98632  
ATTN: Mr. Francis Naglich or Ms. Karey Bock  
Telephone: (360) 578-1371

**LOCATION:** In wetlands adjacent to Berwick and Dillenbaugh Creeks, tributaries to the Chehalis River, at Chehalis, Lewis County, Washington.

**WORK:** The proposed work is to develop nine parcels of land (115.87 acres) for future industrial development over a 10-year period. Jurisdictional work associated with development of the nine parcels will require placing fill material into 39.48 acres of Category IV seasonally inundated, emergent wetlands. Of the 39.48 acres of affected wetlands, 15.16 acres are Prior Converted Croplands (PCC) and 24.32 acres are non-PCC Category IV wetlands.

**PURPOSE:** To provide industrial sites available for development within the Port district of Chehalis which is located in south Lewis County, Washington.

**MITIGATION:** To mitigate for the loss of 39.48 acres of Category IV wetlands, the Port of Chehalis is proposing to create 40 acres of seasonally saturated to permanently saturated and seasonally inundated to permanently inundated Category II wetlands at an offsite upland area consisting of valley agricultural lands. The created wetlands will be comprised of a large, contiguous landscape with a mosaic of forested, scrub-shrub, emergent and wet prairie palustrine wetlands (see drawing sheet 7). A 100-foot buffer enhanced with native plants is designed to protect the site from adjacent agricultural activities and increase the success of the mitigation site. Additionally, approximately 6 acres of uplands within the Stearns Creek riparian corridor will be enhanced with native trees and shrubs (see drawing sheet 5 for more details).

The mitigation will be constructed in two phases, with the first phase consisting of the initial excavation of the wetland creation areas and subsequent monitoring of the resulting hydrology. Phase 2 will include the planting of native trees, shrubs, and herbaceous emergent species, as well as placement of large woody debris and bird boxes (see drawing sheets 7 and 8).

The goal of the proposed wetland mitigation is to compensate, in advance, for impacts to 15.16 acres of Category IV, PCC wetlands and 24.32 acres of Category IV wetlands by creating high quality wetlands within the same watershed. The proposed mitigation is designed to create a mosaic of approximately 40 acres of diverse, high quality wetland habitat comprised of wetland communities with areas of forested, scrub-shrub, emergent, and wet prairie wetlands with surrounding upland buffers comprised of trees, shrubs, and upland prairie. The proposed mitigation is designed to achieve higher quality wetland functions than those currently provided by the wetlands that will be impacted.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. A preliminary determination indicates that the activity will not affect endangered or threatened species, or their critical habitat. Consultation under Section 7 of the ESA is not required.

**ESSENTIAL FISH HABITAT:** The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The U.S. Army-Corps of Engineers (Corps) has determined that the proposed action will not adversely affect designated EFH for federally managed fisheries in Washington waters. EFH consultation is not necessary.

**CULTURAL RESOURCES:** The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. Known historic properties occur in the vicinity of the proposed development sites. Because of their location in the landscape (i.e., adjacent to streams), there is also the potential for unknown historic properties to occur in the project area. An historic properties investigation of the proposed development sites is ongoing. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act with any Tribe that has information or concerns with historic properties in the proposed permit area.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION – CORPS** - The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the

NWS-2008-549-SO

national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

EVALUATION—ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

ADDITIONAL EVALUATION: This proposal is the subject of Shorelines Substantial Development Permit No. SHE08-0048 which has been issued by Lewis County.

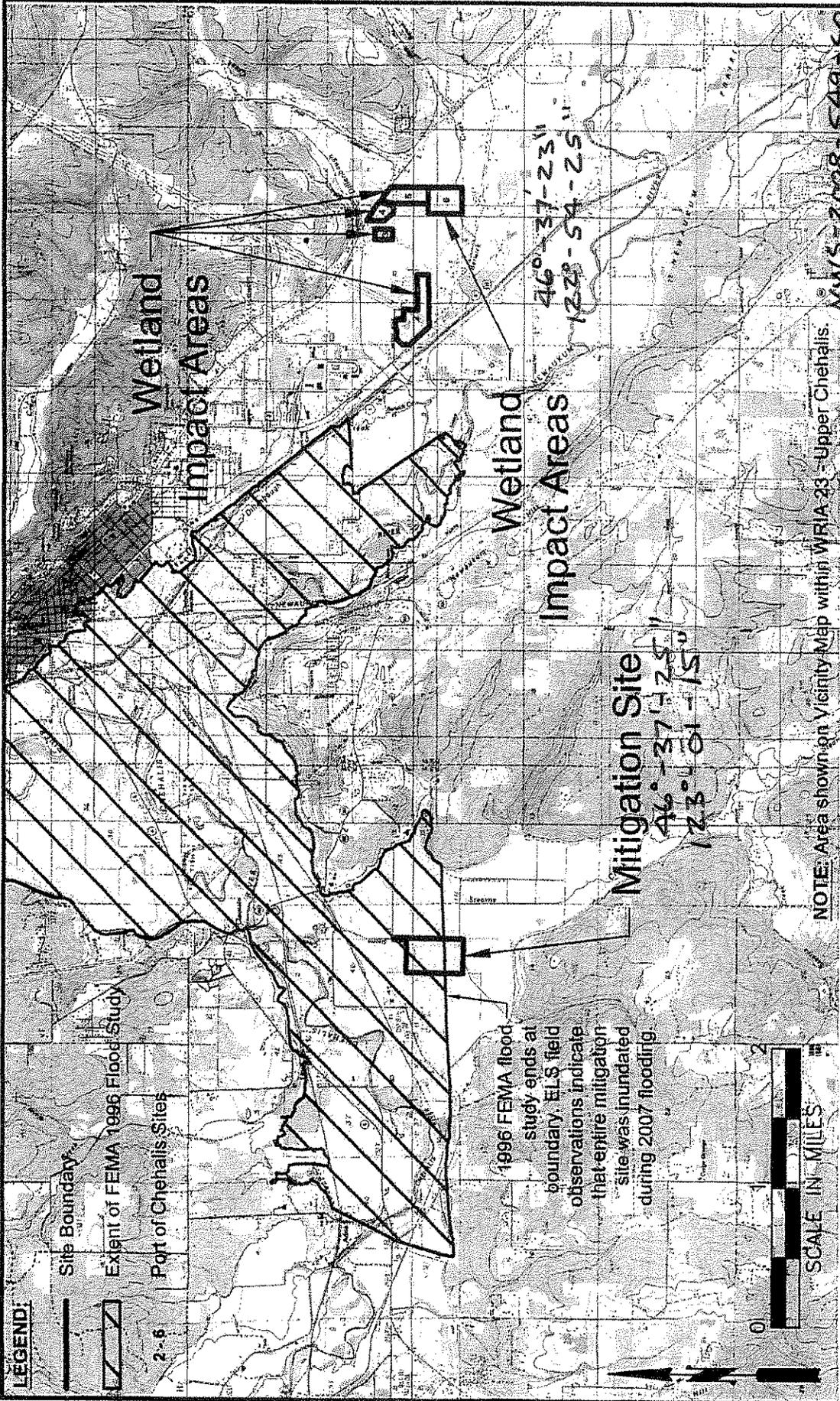
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

Corps Comments: All e-mail comments should be sent to [james.d.green@usace.army.mil](mailto:james.d.green@usace.army.mil). Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Jim Green, Post Office Box 3755, Seattle, Washington, 98124-3755.

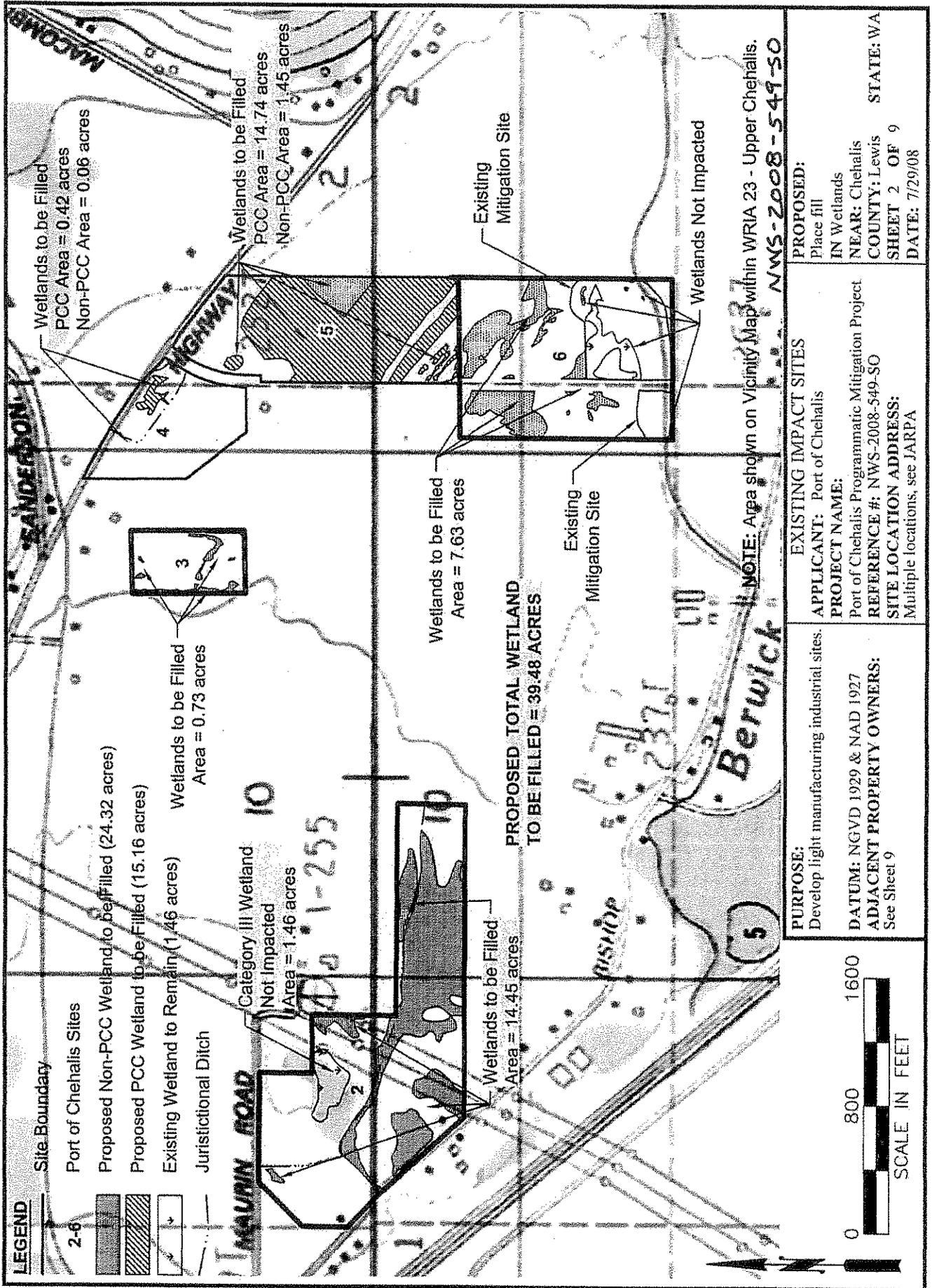
Ecology Comments: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA may do so by submitting written comments to the following address: Department of Ecology, Attn: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington, 98504-7600, or e-mail to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)

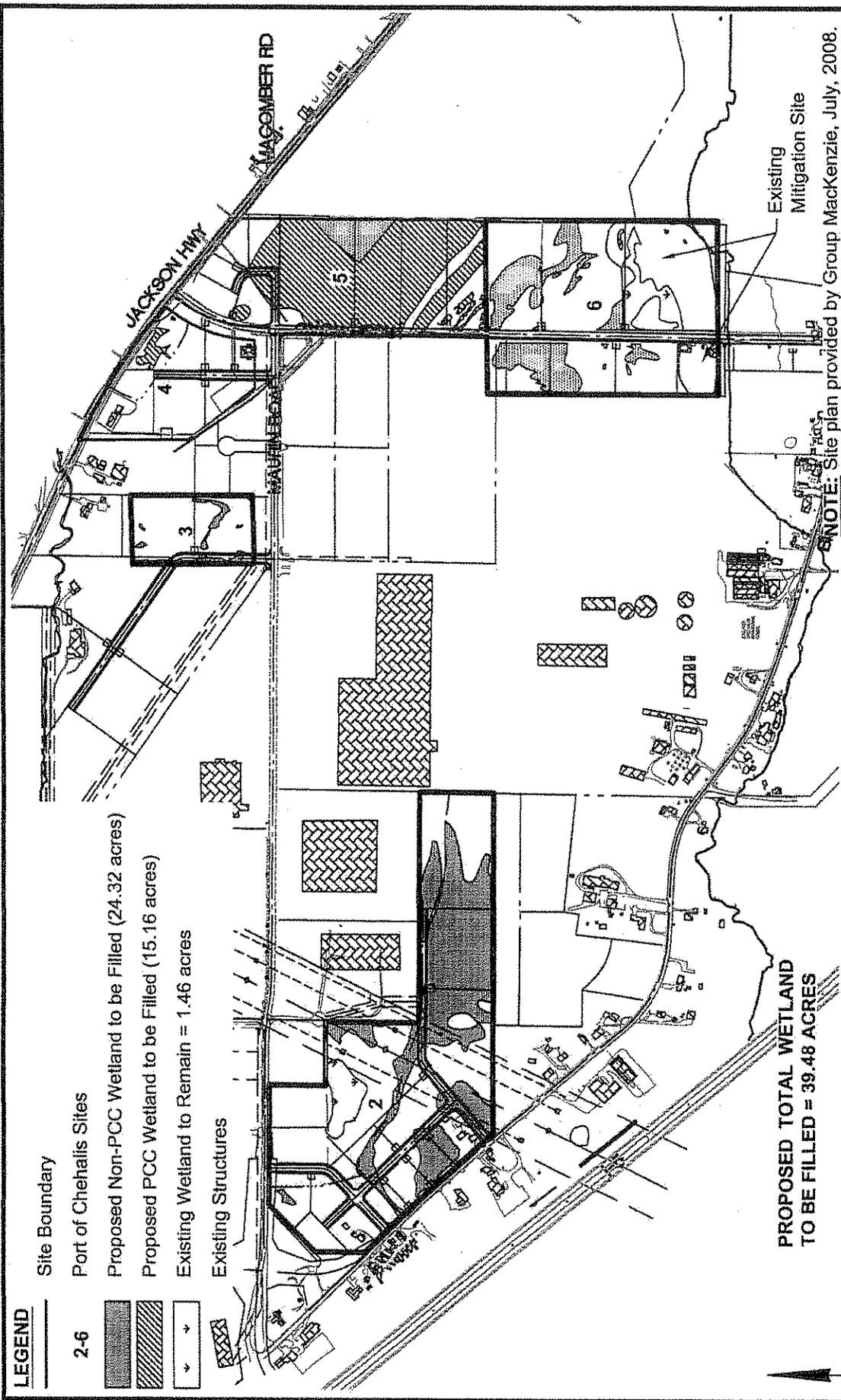
To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Port of Chehalis - File No. NWS-2008-549-SO

Encl: Figures (9 drawing sheets)



<p><b>PURPOSE:</b> Develop light manufacturing industrial sites.</p>	<p><b>VICINITY MAP</b> APPLICANT: Port of Chehalis</p>	<p><b>PROPOSED:</b> Place fill IN: Wetlands NEAR: Chehalis COUNTY: Lewis STATE: WA SHEET 1 OF 9 DATE: 7/29/08</p>
<p><b>DATUM:</b> NGVD 1929 &amp; NAD 1927 <b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project <b>REFERENCE #:</b> NWS-2008-549-SO <b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA</p>	





<p><b>PURPOSE:</b> Develop light manufacturing industrial sites.</p> <p><b>DATUM:</b> none</p> <p><b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p><b>PROPOSED SITE PLAN - IMPACT AREAS</b></p> <p><b>APPLICANT:</b> Port of Chehalis</p> <p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project</p> <p><b>REFERENCE #:</b> NWS-2008-549-SO</p> <p><b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA</p>	<p><b>PROPOSED:</b> Place fill IN Wetlands</p> <p><b>NEAR:</b> Chehalis</p> <p><b>COUNTY:</b> Lewis</p> <p><b>STATE:</b> WA</p> <p><b>SHEET 3 OF 9</b></p> <p><b>DATE:</b> 7/29/08</p>
--	--	--

7/29/2008 1:41 PM S:\Lewis-WA\County-Projects\362-Port of Chehalis\362-05-Programmatic Mitigation and Master Plan\362-05-Figures\Public Notice Figures\362-05\_mili text.dwg Jennifer

## Summary of Proposed Project, Wetland Impacts and Mitigation

### 1. Project Description

The Port of Chehalis (Port) has developed a conceptual mitigation plan for the future development of select Port properties as a component of the Programmatic Mitigation Plan Agreement between the Port and the Washington Department of Ecology (WDOE). To mitigate for impacts to 39.48 acres of wetland within nine parcels owned by the Port of Chehalis in the Upper Chehalis River watershed (WRIA 23), this conceptual plan proposes the creation of approximately 40 acres of Category II forested, scrub-shrub, emergent, and wet prairie palustrine wetlands off-site within WRIA 23. The nine Port parcels are total of 39.48 acres of Category IV seasonally inundated, emergent wetlands. Within the total 39.48 acres of wetland impacts to be considered for the proposed project are 15.16 acres of Category IV Prior Converted Cropland (PCC) and 24.32 acres of non-PCC Category IV wetlands. The purpose of the programmatic or advance mitigation is to achieve compensatory mitigation prior to the actual impacts from development.

### 2. Existing Land Uses and Ecosystem

The impact areas are within nine Port parcels grouped and identified numerically as Sites 2 through 6 in the subsequent text and accompanying figures; Sites 1 and 7, which were originally slated for the Rush Road impacts, have been eliminated. Site 1 is no longer owned by the Port of Chehalis and Site 7 has been completely encompassed by a wetland mitigation area. The Category III wetland within Site 2 has also been eliminated; it will be avoided and protected from future development. Except for isolated structures on Sites 2 and 4, the impact areas are largely comprised of undeveloped properties within a developing industrial area that is roughly bordered by Stardevant Road to the north, Bishop Road to the south, Jackson Highway to the east, and Interstate 5 to the west (Sheets 1 and 2).

Residential and agricultural land uses are mixed within the developing industrial area. Site 2 has several Port-owned homes and outbuildings on its western boundary; Site 4 has a Port-owned office building in its southeast corner and a gravel road to access the northern portion of the property. The majority of Sites 2, 5, and 6 are regularly farmed; the remainder of Site 6 is comprised of the Rush Road wetland mitigation area. Site 6 includes a wetland mitigation area that is part of 11.56 acres of wetland mitigation for 1.47 acres of wetland impact for the extension of Rush Road from Maurin Road to Bishop Road through Sites 5, 6, and 7 (Sheet 3).

Undeveloped portions of the properties are largely open fields vegetated with native and non-native grasses and forbs whose composition shifts seasonally with the changing soil moisture regime. We observed that plants favoring wetter soil conditions were common during the early spring when the soil was saturated, but that the plant composition had altered to plants favoring drier soil conditions by the late spring/early summer. The northern portion of Site 2 has an area vegetated with trees and shrubs and a small upland forest is located in the northwest corner of Site 6. Individually scattered and small groves of Oregon white oak (*Quercus garryana*) are present on five of the sites within the impact areas. The wetlands inventoried within the impact areas are largely palustrine, emergent wetlands with occasionally flooded and saturated water regimes.

### 3. Existing Wetlands

Wetland delineations of the impact areas were conducted by ELS staff in 2006. Wetlands within the impact areas were broadly classified as depressional wetlands and for rating purposes subdivided into two categories based on the presence or absence of outlets. Wetlands within the impact areas were rated Category IV wetlands according to the Washington Department of Ecology 2004 *Washington State Wetland Rating System for Western Washington*.

Vegetation communities within the delineated wetlands were largely emergent plant communities dominated by facultative (FAC) and facultative wetland (FACW) grasses and forbs, such as common velvetgrass (*Holcus lanatus*, FAC), water foxtail (*Alopecurus geniculatus*, FACW), reed canarygrass (*Phalaris arundinacea*, FACW), birdsfoot trefoil (*Lotus corniculatus*, FAC), creeping buttercup (*Ranunculus repens*, FACW), and white clover (*Trifolium repens*, FAC). Soft rush (*Juncus effusus*, FACW) was scattered randomly throughout. Sweet vernalgrass (*Anthoxanthum odoratum*, FACU) and hairy cat's-ear (*Hypochaeris radicata*, FACU) were common upland species located in the wetlands. Later in the spring, tall fescue (*Festuca arundinacea*, FAC-), annual ryegrass (*Lolium multiflorum*, FACU), red clover (*Trifolium pratense*, FACU), and cleavers bedstraw (*Galium aparine*, FACU) were upland plants common in the wetlands.

The impact areas are located in the historic bottomlands of the Newaukum River in the vicinity of Dillenbaugh and Berwick Creeks. Wetlands within the impact areas are best defined as depressional outflow and closed wetlands following the classification in Hruby *et al.* (1999). Hydrology primarily comes from the seasonally high groundwater in the winter and early spring, when water is often perched above the subsoil. Permeability in the soil types is slow and water both infiltrates within the wetlands and drains to a series of maintained ditches that are located throughout the impact areas.

### 4. Wetland Impacts

Wetland impacts from the project would result from the fill of 15.16 acres of Category IV Prior Converted Cropland (PCC) and 24.32 acres of non-PCC Category IV wetlands, or a total of 39.48 acres.

NWS-2008-549-SO

<p><b>PURPOSE:</b> Develop light manufacturing industrial sites.</p> <p><b>DATUM:</b> N/A</p> <p><b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p style="text-align: center;"><b>MITIGATION SUMMARY</b></p> <p><b>APPLICANT:</b> Port of Chehalis</p> <p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project</p> <p><b>REFERENCE #:</b> NWS-2008-549-SO</p> <p><b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA</p>	<p><b>PROPOSED:</b> Place fill IN Wetlands</p> <p><b>NEAR:</b> Chehalis</p> <p><b>COUNTY:</b> Lewis     <b>STATE:</b> WA</p> <p><b>SHEET 4 OF 9</b></p> <p><b>DATE:</b> 7/29/08</p>
---	---	---

**5. Proposed Mitigation**

This plan proposes a mitigation strategy of advance wetland creation of a large area of contiguous wetlands with the overall mitigation goal of achieving greater wetland functions and protection than provided by the wetlands to be impacted. To achieve the goal of providing high quality wetlands to mitigate for impacts to low-quality wetlands from future anticipated Port development, approximately 40 acres of seasonally saturated to permanently saturated and seasonally inundated to permanently inundated, Category II wetlands will be created from valley bottomland. The created wetlands will be comprised of a large, contiguous landscape with a mosaic of forested, scrub-shrub, emergent, and wet prairie palustrine wetlands (Sheet 7). A 100-foot buffer enhanced with native plants will help protect the mitigation site from adjacent agricultural activities and increase the success of the mitigation site. Additionally, upland outside of the 100-foot buffer and approximately 6 acres of Stearns Creek riparian corridor will be enhanced with native trees and shrubs. The mitigation will be constructed in two phases, with the first phase consisting of the initial excavation of the wetland creation areas and subsequent monitoring of the resulting hydrology. Phase 2 will include the planting of native trees, shrubs, and herbaceous emergent species, as well as placement of large woody debris and bird boxes (Sheets 7 and 8).

Phase 2 wetland creation plantings will consist of a wide suite of native plant species that comprise forested, scrub-shrub, emergent, and wet prairie palustrine wetland habitats in the Pacific Northwest. Forested wetland creation plantings will be a mix of native trees planted on approximately 10-foot centers and native shrubs planted on approximately 6-foot centers. Live Sitka willow (*Salix sitchensis*) stakes, Oregon ash (*Fraxinus latifolia*), quacking aspen (*Populus tremuloides*), western crabapple (*Malus fusca*), black twinberry (*Lonicera involucrate*) and red-osier dogwood (*Cornus sericea*) will be planted in areas where saturated ground conditions exist. Red alder (*Alnus rubra*), Douglas hawthorn (*Crataegus douglasii*) and Pacific ninebark (*Physocarpus capitatus*) will be planted in marginal areas. Except for the willows, the trees and shrubs will be bareroot stock approximately 3 to 5 feet in height. Scrub-shrub wetland creation plantings will be a variety of Douglas spirea (*Spiraea douglasii*) / native rose (*Rosa* spp.) and Douglas spirea (*Spiraea douglasii*) / red-osier dogwood (*Cornus sericea*) communities mixed with live Sitka willow (*Salix sitchensis*) stakes. Scrub-shrub wetland creation plantings will be planted on approximately 6-foot centers and will be bareroot stock approximately 3 to 5 feet in height.

Wet prairie and emergent wetland creation areas will be seeded when precipitation and temperature is optimal for plant establishment, such as in the fall and spring. Wet prairie wetland creation plantings will be comprised of seeding the wet prairie wetland creation areas with a compilation of species associated with camas (*Camassia* spp.) / tufted hairgrass (*Deschampsia cespitosa*) communities similar to the wet prairie habitats that historically occurred on foothill slopes and valleys south of the glacial outwash plains of the northern Puget Trough. Seeding of wet prairie forb species will take place first to encourage forb establishment, before seeding the area with more competitive wet prairie grass species. Emergent wetland creation plantings will be comprised of seeding emergent wetland creation areas with a wide variety of obligate and facultative wetland species such as rushes (*Juncus* spp.), sedges (*Carex* spp.) and a variety of other native emergent wetland species.

In addition, the buffers to the north, south, east and west will be enhanced, along with Stearns Creek riparian corridor. The wetland buffer will be comprised of forested, scrub-shrub, and upland prairie habitats, with mixed planting areas of native trees, shrubs, and herbaceous prairie species. Enhanced forested and scrub-shrub buffer areas will be planted with a mix of bareroot stock approximately 3 to 5 feet in height of native trees planted on approximately 10-foot centers and native shrubs planted on approximately 6-foot centers. Buffer enhancement tree plantings will be comprised of big-leaf maple (*Acer macrophyllum*), cascara (*Rhamnus purshiana*), red alder (*Alnus rubra*), scouler willow (*Salix scouleriana*), quacking aspen (*Populus tremuloides*), and western red-cedar (*Thuja plicata*). Buffer enhancement shrub plantings will be comprised of black twinberry (*Lonicera involucrate*), Douglas hawthorn (*Crataegus douglasii*), Nootka rose (*Rosa nutkana*), Pacific ninebark (*Physocarpus capitatus*), and western serviceberry (*Amelanchier alnifolia*). Buffer upland prairie habitats will be comprised of native upland prairie forbs and will be seeded when precipitation and temperature is optimal for plant establishment, such as in the fall and spring. Seeding of upland prairie forb species will take place first to encourage forb establishment, before seeding the area with more competitive upland prairie grass species.

Stearns Creek riparian corridor will be enhanced with a mix of bareroot stock, approximately 3 to 5 feet in height, of native trees planted on approximately 10-foot centers and native shrubs planted on approximately 6-foot centers. Riparian corridor tree plantings will be comprised of cascara (*Rhamnus purshiana*), Oregon ash (*Fraxinus latifolia*), red alder (*Alnus rubra*), and western red-cedar (*Thuja plicata*). Riparian corridor shrub plantings will be comprised of Douglas spirea (*Spiraea douglasii*), Nootka rose (*Rosa nutkana*), live Pacific willow (*Salix lucida*) stakes, peafruit rose (*Rosa pisocarpa*) and snowberry (*Symphoricarpos albus*).

**6. Mitigation Goals**

The goal of the wetland mitigation is to compensate in advance for impacts to 15.16 acres of Category IV PCC wetlands and 24.32 acres of Category IV wetlands by creating higher quality wetlands within the same watershed (WRIA 23) to allow for maximal use of the Port properties. The proposed mitigation will create a mosaic of approximately 40 acres of diverse, high-quality wetland habitat comprised of wetland communities with areas of forested, scrub-shrub, emergent, and wet prairie palustrine wetlands with surrounding upland buffers comprised of trees, shrubs and upland prairie. A prescribed fire regime will be incorporated to manage the created wet prairie wetland and upland prairie habitats. Created depressional wetlands will have seasonally saturated to permanently saturated and seasonally inundated to permanently inundated hydrologic regimes.

Proposed mitigation will specifically involve 1) creating 40 acres of Category II forested, scrub-shrub, emergent, and wet prairie palustrine wetlands with a minimum 100-foot enhanced buffer (approximately 15 acres) and 2) enhancing Stearns Creek's riparian corridor with native trees and shrubs. The proposed mitigation will achieve higher quality wetland functions than those currently provided by the wetlands proposed for future impact.

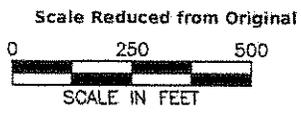
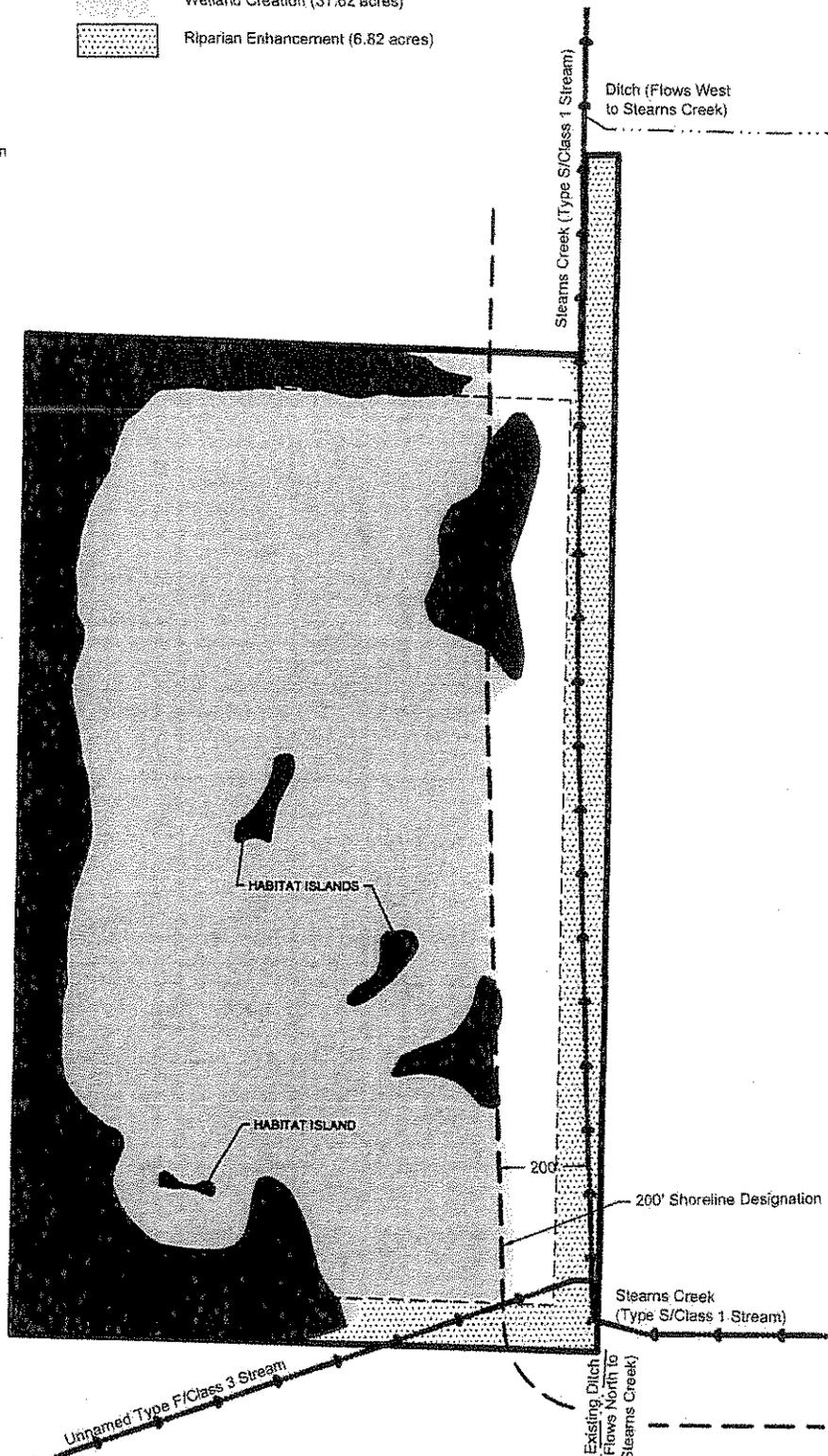
NWS-2008-549-50

<p><b>PURPOSE:</b> Develop light manufacturing industrial sites.</p> <p><b>DATUM:</b> N/A</p> <p><b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p><b>MITIGATION SUMMARY</b></p> <p><b>APPLICANT:</b> Port of Chehalis</p> <p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project</p> <p><b>REFERENCE #:</b> NWS-2008-549-SO</p> <p><b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA</p>	<p><b>PROPOSED:</b> Place fill</p> <p><b>IN Wetlands</b></p> <p><b>NEAR:</b> Chehalis</p> <p><b>COUNTY:</b> Lewis    <b>STATE:</b> WA</p> <p><b>SHEET 5 OF 9</b></p> <p><b>DATE:</b> 7/29/08</p>
---	---	--

**LEGEND:**

-  Site Boundary  
(=66 ac.)
-  Stream
-  100' Buffer from Site  
Boundary (=15 ac.)
-  200' Shoreline Designation

-  Upland Berm and Habitat Islands (15.46 acres)
-  Wetland Creation (37.62 acres)
-  Riparian Enhancement (6.82 acres)



**NOTES:**

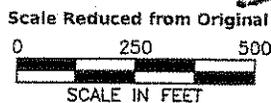
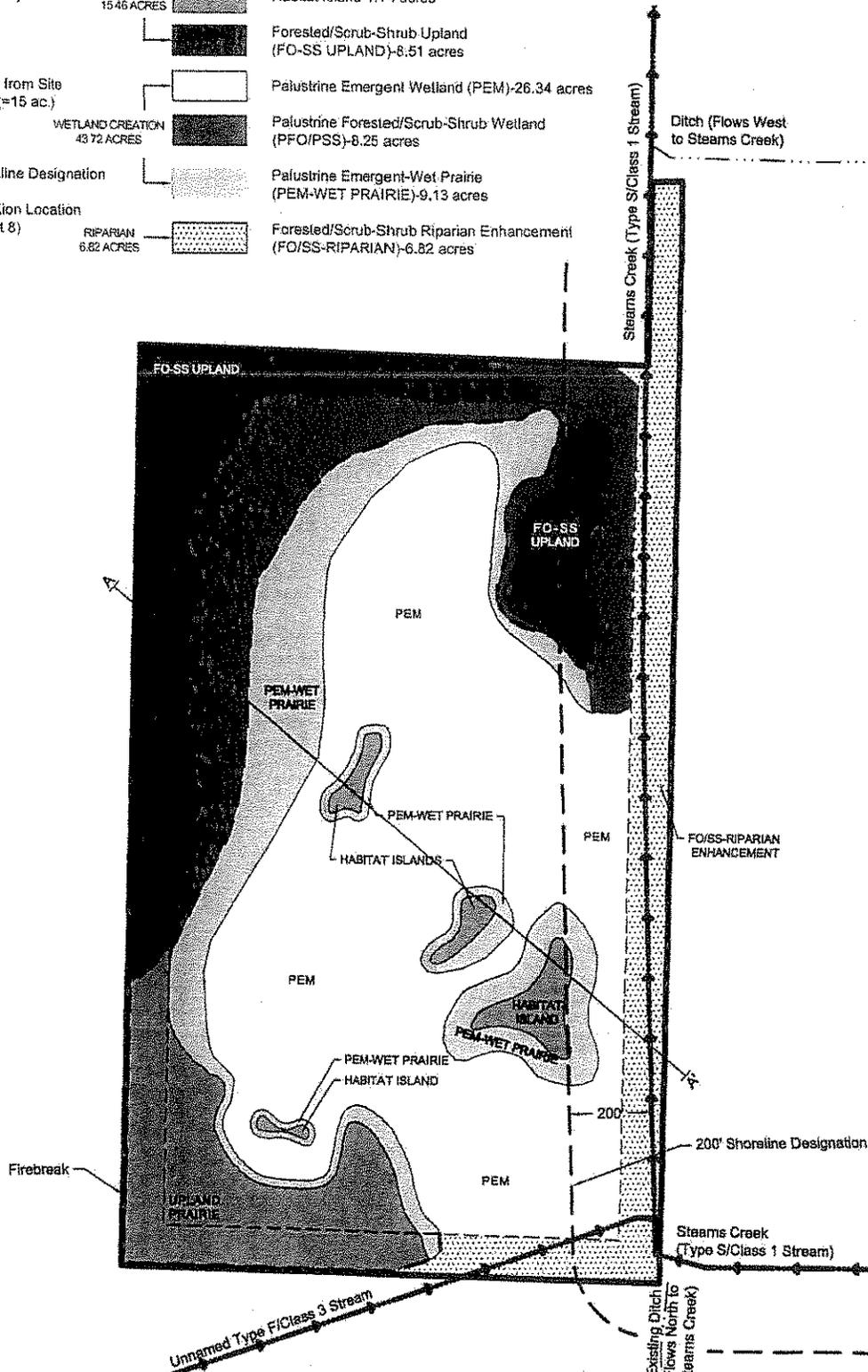
1. Base map provided by Bluhm & Associates Land Surveyors, Inc., September, 2007.
2. Stearns Creek is a Type S Stream per WAC 222-16-031 Interim water typing system and a Class 1 Stream per Lewis County Code 17.35.660.
3. Unnamed stream and ditch are Type F Streams per WAC 222-16-031 Interim water typing system and Class 3 Stream per Lewis County Code 17.35.660.

<p><b>PURPOSE:</b> Develop light manufacturing industrial sites</p> <p><b>DATUM:</b> NA</p> <p><b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p><b>PROPOSED MITIGATION PLAN VIEW-PHASE 1</b></p> <p><b>APPLICANT:</b> Port of Chehalis</p> <p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project</p> <p><b>REFERENCE #:</b> NWS-2008-549-SO</p> <p><b>SITE LOCATION ADDRESS:</b> Multiple locations; see JARPA</p>	<p><b>PROPOSED:</b> Place fill</p> <p><b>IN Wetlands</b></p> <p><b>NEAR:</b> Chehalis</p> <p><b>COUNTY:</b> Lewis    <b>STATE:</b> WA</p> <p><b>SHEET 6 OF 9</b></p> <p><b>DATE:</b> 7/29/08</p>
---	--	--

**LEGEND:**

- Site Boundary (=66 ac)
- Stream
- 100' Buffer from Site Boundary (=15 ac.)
- Firebreak
- 200' Shoreline Designation
- Cross Section Location (See Sheet 8)

- Upland Prairie-5.81 acres
- Habitat Island-1.14 acres
- Forested/Scrub-Shrub Upland (FO-SS UPLAND)-8.51 acres
- Palustrine Emergent Wetland (PEM)-26.34 acres
- Palustrine Forested/Scrub-Shrub Wetland (PFO/PSS)-8.25 acres
- Palustrine Emergent-Wet Prairie (PEM-WET PRAIRIE)-9.13 acres
- Forested/Scrub-Shrub Riparian Enhancement (FO/SS-RIPARIAN)-6.82 acres



**NOTES:**

1. Base map provided by Bluhm & Associates Land Surveyors, Inc., September, 2007.
2. Stearns Creek is a Type S Stream per WAC 222-16-031 Interim water typing system and a Class 1 Stream per Lewis County Code 17.35.660.
3. Unnamed stream and ditch are Type F Streams per WAC 222-16-031 Interim water typing system and Class 3 Stream per Lewis County Code 17.35.660.

<p><b>PURPOSE:</b> Develop light manufacturing industrial sites.</p> <p><b>DATUM:</b> NA</p> <p><b>ADJACENT PROPERTY OWNERS:</b> See Sheet 9</p>	<p><b>PROPOSED MITIGATION PLAN VIEW-PHASE 2</b></p> <p><b>APPLICANT:</b> Port of Chehalis</p> <p><b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project</p> <p><b>REFERENCE #:</b> NWS-2008-549-SO</p> <p><b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA</p>	<p><b>PROPOSED:</b> Place fill IN Wetlands</p> <p><b>NEAR:</b> Chehalis <b>COUNTY:</b> Lewis    <b>STATE:</b> WA</p> <p><b>SHEET 7 OF 9</b></p> <p><b>DATE:</b> 7/29/08</p>
--	--	---



Mitigation Site Adjacent Property Ownership Information	
Parcel Number	Owner Name & Address
018789006006	Gary & Heather Howell 346 A Twin Oaks Rd Chehalis, WA 98532
018789000000	Claquato Farms Inc 267 Hwy 603 Chehalis, WA 98532
018796000000	Gordon Young 535 Twin Oaks Rd Chehalis, WA 98532
018828002000	Ruth Cannon 379 Twin Oaks Rd Chehalis, WA 98532
018790001000	

Port of Chehalis Sites 2-6 Adjacent Property Ownership Information	
Parcel Number	Owner Name & Address
017727002000	Gail Shaw PO Box 1012 Chehalis, WA 98532
017764000000	Marous & Kristina Becker 4407 NE 192nd Ridgefield, WA 98642
017757001005	Port of Chehalis 321 Maurin Rd Chehalis, WA 98532
017743005000	
017744001002	
017744002003	
017744002002	
017744002004	
017744002001	
017887002000	
017757001004	Imperial Group L P 206 Maurin Rd Chehalis, WA 98532
017757001002	Chehalis Investments LLC 1001 Bishop St Suite 2325 Honolulu, HI 96813
017757002002	FM Retail Services Inc 3336 E 32 St Suite 217 Tulsa, OK 74135
017774006005	Chehalis Power Inc 1990 Post Oak Blvd Suite 1900 Houston, TX 77056
017774006004	United States of America PO Box 61409, TRIT/TP-4 Vancouver, WA 98666
017774006003	Community Partners PO Box 1501 Chehalis, WA 98532
017769000000	
017774001000	
017868010000	
017766000000	V C & Ann M Thompson PO Box 527 Napavine, WA 98565

Port of Chehalis Sites 2-6 Adjacent Property Ownership Information (Cont.)	
Parcel Number	Owner Name & Address
017762000000	Jose & Maria Cabrerias 520 NW St Helens Chehalis, WA 98532
017761000000	Brian Balmelli PO Box 959 Chehalis, WA 98532
017763000000	T-Mark Properties LLC 8021 54th NW Gig Harbor, WA 98335
017730000000	
017755001000	Hardell Mutual Plywood Corp PO Box 540 Chehalis, WA 98532
017744005001	Peter & Carol Bezy 2710 Jackson Hwy Chehalis, WA 98532
017744014000	Fred Meyer Stores Inc 3336 E 32nd St Suite 217 Tulsa, OK 74135
017988002001	Chehalis Cong of Jehovah's Witnesses 1891 Bishop Rd Chehalis, WA 98532
017800001011	Northwest Pipeline Corporation MD 46-4 Tulsa, OK 74102
017800001009	Clarence Runyon 2844 Jackson Hwy Chehalis, WA 98532
017793000000	John Olson 2777 Jackson Hwy Chehalis, WA 98532
017792000000	Adeline Richardson 194 Middlefork Rd Chehalis, WA 98532
017791000000	Myrna Brossard 2833 Jackson Hwy Chehalis, WA 98532
017746000000	Arnold Suhrbier 110 Sanderson Rd Chehalis, WA 98532

NWS-2008-549-50

<b>PURPOSE:</b> Develop light manufacturing industrial sites.  <b>DATUM:</b> N/A <b>ADJACENT PROPERTY OWNERS:</b> See above	<b>ADJACENT PROPERTY OWNERSHIP</b> <b>APPLICANT:</b> Port of Chehalis <b>PROJECT NAME:</b> Port of Chehalis Programmatic Mitigation Project <b>REFERENCE #:</b> NWS-2008-549-50 <b>SITE LOCATION ADDRESS:</b> Multiple locations, see JARPA	<b>PROPOSED:</b> Place fill <b>IN Wetlands</b> <b>NEAR:</b> Chehalis <b>COUNTY:</b> Lewis <b>SHEET 9 OF 9</b> <b>DATE:</b> 7/29/08	STATE: WA
	Multiple locations, see JARPA		