

Pump Sta 4

## Jennifer Wirsing

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**From:** Jim Hossley  
**Sent:** Wednesday, November 03, 2010 12:34 PM  
**To:** Jennifer Wirsing; jhodge@civilwest.com  
**Subject:** FW: NWP-2010-489 City of Coos Bay sewer station  
**Attachments:** app\_2010-489.pdf

FYI

-----Original Message-----

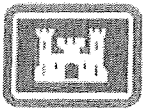
**From:** Groth, Katharine C NWP [<mailto:Katharine.C.Groth@usace.army.mil>]  
**Sent:** Wednesday, November 03, 2010 11:31 AM  
**To:** SAXON Corey  
**Cc:** Jim Hossley  
**Subject:** NWP-2010-489 City of Coos Bay sewer station

Hi Corey,

I am ready to issue a verification letter to the City of Coos Bay to build a new sewer pump station. The station will be located in a field adjacent to Blossom Gulch Creek. While a wetland delineation was done at the site for another project (unauthorized activity), the Corps found the delineation unacceptable. However, the Corps went on the assumption that the field had some wetland characteristics, as slough sedge was found, soils are dredge fill material, and the field while relatively flat has some slight depressions. The Corps assumed the field, at least partially, is a seasonally wet, palustrine, emergent wetland. The City is intending to install a pump station and associated features in a 30 by 30 foot area. Additionally, a temporary staging area will be located in the wet field. All of the work will occur during the summer when the field is expected to be dry (I did a site visit in September and the field was completely dry). Both of these activities will be covered by the Corps verification letter. All of the new sewer lines will be located under existing paved parking areas or roads. In addition the backfilling of the old sewer lines and pump station does not require a Section 404 permit. Does the City need an individual WQC for the project? I see that utility line substations are not pre-certified under NWP

12 (Utility Line activities). I have attached a copy of the application for your review. Sorry that I missed this earlier.

Thanks,  
Kate Groth  
US Army Corps of Engineers  
Regulatory Branch  
North Bend Field Office  
2201 N. Broadway, Suite C  
North Bend, OR 97459  
541-756-2097  
Please visit our Customer Survey at  
<http://per2.nwp.usace.army.mil/survey.html>  
to let us know how we are doing. We really want to know!



US Army Corps  
Of Engineers (Portland District)

# Joint Permit Application Form



DATE STAMP

AGENCIES WILL ASSIGN NUMBERS

Corps Action ID Number

Oregon Department of State Lands No

**SEND ONE SIGNED COPY OF YOUR APPLICATION TO EACH AGENCY**

US Army Corps of Engineers:

District Engineer

ATTN: CENWP/OD-GPPD

Box 2946

Portland, OR 97208-2946

503-808-4373

DSL - West of the Cascades:

State of Oregon

Department of State Lands

775 Summer Street, Suite 100

Salem, OR 97301-1279

503-986-5260

DSL - East of the Cascades:

State of Oregon

Department of State Lands

1645 NE Forbes Road, Suite 112

Bend, Oregon 97701

541-388-6112

Send DSL Application Fees to:

State of Oregon

Department of State Lands

PO Box 4395, Unit 18

Portland, OR 97208-4395

(Attach a copy of the first page of this application)

## (1) APPLICANT INFORMATION

Applicant	City of Coos Bay	Business Phone #	541-269-8918
Name and Address	Public Works Department	Home Phone #	541-269-8919
	500 Central Avenue	Fax #	541-269-8916
	Coos Bay, OR 97420	Email	

Authorized Agent	Civil West Engineering	Business Phone #	541-266-8601
Name and Address	Services	Home Phone #	
	Jerek Hodge	Fax #	541-266-8681
Check one	486 E st	Email	jhodge@civilwest.com
Consultant <input checked="" type="checkbox"/>	Coos Bay, OR 97420		
Contractor <input type="checkbox"/>			

Property Owner	Business Phone #
Name and Address	Home Phone #
If different from above <sup>1</sup>	Fax #
	Email

## (2) PROJECT LOCATION

Street, Road or Other Descriptive Location		Legal Description (attach <u>tax lot map</u> *)			
Between 10 <sup>th</sup> and 11 <sup>th</sup> streets, south of Anderson, across Blossom Gulch Creek from Blossom Gulch Elementary School		Township	Range	Section	Quarter/Quarter
		25S	13W	27	DD
In or near (City or Town)	County	Tax Map #		Tax Lot # <sup>2</sup>	
Coos Bay	Coos	25 13 27 DD		9500, 9504, 9501 Easements	
Wetland/Waterway (pick one)	River Mile (if known)	Latitude (in DD.DDDD format)		Longitude (in DD.DDDD format)	
Wetland		124° 13' 24" W		43° 21' 58" N	
Directions to the site	Existing pump station is located at Blossom Gulch School adjacent to creek. New pipeline begins north of creek and travels through Head Start parking lot to open field. New forcemain pipeline runs up alley of 11 <sup>th</sup> St and north towards Central Avenue.				

<sup>1</sup> If applicant is not the property owner, permission to conduct the work must be attached.

<sup>2</sup> Attach a copy of all tax maps with the project area highlighted.

\* *Highlighted areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.*

### (3) PROPOSED PROJECT INFORMATION

Type: Fill ☒ Excavation (removal) ☒ In-Water Structure ☐ Maintain/Repair an Existing Structure ☒

Brief Description: Construct new sewer pump station in grassy area and fill 30x30 area above flood line, excavate parking lot and road for pipeline

#### Fill

Riprap ☒ Rock ☒ Gravel ☒ Organics ☐ Sand ☐ Silt ☐ Clay ☐ Other: ☐

Wetlands	Permanent (cy)	Temporary (cy)					Total cubic yards for project (including outside OHW/wetlands)	133 yards at Pump Station site
	0	0						
	Impact Area in Acres	Dimensions (feet)						
		L'		W'		H'		
Waters below OHW	Permanent (cy)	Temporary (cy)					Total cubic yards for project (including outside OHW/wetlands)	0
	0	0						
	Impact Area in Acres	Dimensions (feet)						
		L'		W'		H'		

#### Removal

Wetlands	Permanent (cy)	Temporary (cy)			Total cubic yards for project (including outside OHW wetlands)	1233 yard total yards temporarily moved for pipe installation, some may be suitable for Station site
		600				
	Impact Area in Acres	Dimensions (feet)				
		L'	W'	H'		
Waters below OHW	Permanent (cy)	Temporary (cy)			Total cubic yards for project (including outside OHW wetlands)	0
	Impact Area in Acres	Dimensions (feet)				
		L'	W'	H'		

Total acres of construction related ground disturbance (If 1 acre or more a 1200-C permit may be required from DEQ) 0.25

Is the disposal area upland? Yes ☐ No ☐ Impervious surface created? 0<1 acre ☒ 0>1 acre? ☐

Are you aware of any state or federally listed species on the project site?

Are you aware of any Cultural/Historic Resources on the project site?

Is the project site within a national Wild & Scenic River?

Is the project site within a State Scenic State Scenic Waterway?\*

Yes	No
	x
	x
	x
	x

If yes, please explain in the project description (in block 4)

### (4) PROPOSED PROJECT PURPOSE AND DESCRIPTION

#### Purpose and Need:

Provide a description of the public, social, economic, or environmental benefits of the project along with any supporting formal actions of a public body (e.g. city or county government), as appropriate.\*

Coos Bay has a sanitary pump station that is undersized and aged which requires major upgrades or replacement. As the existing pump station is located directly in a salmonid fish hatchery and overflows into it during flood events, upgrading the existing structure and components is not the primary choice. Instead a new pump station will be built north of Blossom Gulch Creek along with associated sewage conveyance systems. The pipeline routing and pump station sites have been determined by the easements granted to the City. The future site piping will be routed under the road right of ways and an existing parking lot.

\* Indicated areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

## Project Description:

Please describe in detail the proposed removal and fill activities, including the following information:

- \* Volumes and acreages of all fill and removal activities in waterway or wetland separately
- \* Permanent and temporary impacts
- \* Types of materials (e.g., gravel, silt, clay, etc.)
- \* How the project will be accomplished (i.e., describe construction methods, equipment, site access)
- \* *Describe any changes that the project may make to the hydraulic and hydrologic characteristics (e.g., general direction of stream and surface water flow, estimated winter and summer flow volumes.) of the waters of the state, and an explanation of measures taken to avoid or minimize any adverse effects of those changes.*
- \* Is any of the work already complete?    Yes    ☐    No    ☒    If yes, please describe the completed work.

*In addition, for fish habitat or wetland restoration or enhancement activities, complete the information requested in supplemental Fish Habitat or Wetland Restoration and Enhancement form.*

## Project Drawings

State the number of project drawing sheets included with this application:    2

A complete application must include a location map, site plan, cross-section drawings and recent aerial photo as follows and as applicable to the project:

- \* **Location map** (must be legible with street names)
  - \* Site plan including:
  - \* Entire project site and activity areas
  - \* Existing and proposed contours
  - \* Location of ordinary high water, wetland boundaries or other jurisdictional boundaries
  - \* Identification of temporary and permanent impact areas within waterways or wetlands
  - \* Map scale or dimensions and north arrow
  - \* Location of staging areas
  - \* Location of construction access
  - \* Location of cross section(s), as applicable
  - \* Location of mitigation area, if applicable
- \* **Cross section drawing(s)** including:
  - \* Existing and proposed elevations
  - \* Identification of temporary and permanent impact areas within waterways or wetlands
  - \* Ordinary high water and/or wetland boundary or other jurisdictional boundaries
  - \* Map scale or dimensions
- \* **Recent Aerial photo** (1:200, or if not available for your site, the highest resolution available)

Will any construction debris, runoff, etc., enter a wetland or waterway?    Yes    ☒    No    ☐

If yes, describe the type of discharge and show the discharge location on the site plan.

Work will be performed on the site during dry weather. Discharges could occur either through a summer rainstorm or during dewatering operations necessary to create a dry bed when installing the gravity sewer line and pump station wetwell. If necessary, the Contractor can be instructed to dewater into a storage truck. The Contractor will be required to maintain a sediment control plan and barriers around the construction site.

There is an existing storm drainage pipe that has been recently replaced which routes to Blossom Gulch Creek. During the course of the new construction it may be necessary to temporarily take this pipe out of service when installing new gravity sewer lines.

Estimated project start date:	5/30/2011	Estimated project completion date:	10/30/2011
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## (5) PROJECT IMPACTS AND ALTERNATIVES

### Alternatives Analysis:

*Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterway or wetland. (Include alternative design(s) with less impact and reasons why the alternative(s) were not chosen. Reference OAR 141-085-0565 (1) through (6) for more information\*).*

*The existing pump station is located at the bottom of a sanitary drainage basin. Sewer systems flow downhill and must ultimately be pumped to reach a higher location. Therefore, the alternative locations are limited for locating the new pump station or the new wetwell must be located so deep as to make it economically infeasible. Most of the surrounding area is built up with housing and structures. This leaves either the school parking lot, the nearby undeveloped lot, a private parking lot, or the structure must remain where it is. As was mentioned earlier, the creek itself is a salmonid fish hatchery, and flooding either from the creek or from sewage overflows make maintaining the existing location problematic. The new site is the nearest clear ground and is the furthest from the creek possible. The could be placed in the school parking lot but this would require work under the creek when routing new sewer pipe.*

### Measures to Minimize Impacts

Describe what measures you will use (before and after construction) to minimize impacts to the waterway or wetland. These may include but are not limited to the following:

- \* *For projects with ground disturbance include an erosion control plan or description of other best management practices (BMP's) as appropriate. (For more information on erosion control practices see DEQ's Oregon Sediment and Erosion Control Manual)*
- \* *For work in waterways where fish or flowing water are likely to be present, discuss how the work area will be isolated from the flowing water.*
- \* *If native migratory fish are present (or were historically present) and you are installing, replacing or abandoning a culvert or other potential obstruction to fish passage, complete and attach a statement of how the Fish Passage Requirements, set by the Oregon Department of Fish and Wildlife will be met.*

The Contractor will be responsible for the specifics of the sediment and erosion control plan. As the site is relatively flat and has substantial storm drainage placed around it, it is anticipated the dry season construction will not generate large amount of soil disturbance from rain. Typically the site will have diversion measures to prevent water from running over open soil and sediment barriers to prevent loss of soil into the creek. Work will be greater than 50 ft from the shoreline of the creek and wetland areas designated by a pending wetland delineation from the adjacent property owner worked around. Nevertheless, some impact of machinery and supplies may occur in grassy areas that are designated wetland. Contractor will be required to restore landscape to original condition upon completion of work.

\* *Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.*

## Description of resources in project area

Ocean ☐ Estuary ☐ River ☐ Lake ☐ Stream ☒ Freshwater Wetland ☒

Describe the existing **physical and biological characteristics** of the wetland/waterway site by area and type of resource (Use separate sheets and photos, if necessary).

For wetlands, include, as applicable:

- \* *Cowardin and Hydrogeomorphic (HGM) wetland class(s)*\*
- \* *Dominant plant species by layer (herb, shrub, tree)*\*
- \* Whether the wetland is freshwater or tidal
- \* *Assessment of the functional attributes of the wetland to be impacted*\*
- \* Identify any vernal pools, bogs, fens, mature forested wetland, seasonal mudflats, or native wet prairies in or near the project area.)

For waterways, include a description of, as applicable:

- \* *Channel and bank conditions*\*
- \* *Type and condition of riparian vegetation*\*
- \* *Channel morphology (i.e., structure and shape)*\*
- \* *Stream substrate*\*
- \* Fish and wildlife (type, abundance, period of use, significance of site)
- \* *General hydrological conditions (e.g., stream flow, seasonal fluctuations)*\*

Area consists of mowed grass and asphalt cement pavement. Top layers of soil are gravelly sand with deeper layers where wetwell will penetrate is peat and bay mud. Grass species are being categorized as part of the wetland delineation for Columbia Care Services. Nearby wetland areas are filled tidal marshes that are now freshwater creek shore.



Describe the existing navigation, fishing and recreational use of the waterway or wetland.\*

Name

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

## Site Restoration/Rehabilitation

\* For temporary disturbance of soils and/or vegetation in waterways, wetlands or riparian areas, please discuss how you will restore the site after construction including any monitoring, if necessary?

Site will be refilled with native soils taken from trenches where a stable base is not needed. For areas where the pipeline and station are located, compacted stabilization material and gravels must be placed to maintain pipeline integrity and grade of the pump station structure. The majority of fill will be paved over with asphalt concrete pavement.

## Mitigation

Describe the reasonably expected adverse effects of the development of this project and how the effects will be mitigated.\*

- \* For permanent impact to wetlands, complete and attach a Compensatory Wetland Mitigation (CWM) Plan. (See OAR 141-085-0705 for plan requirements)\*
- \* For permanent impact to waters other than wetlands, complete and attach a Compensatory Mitigation (CM) plan (See OAR 141-085-0765 for plan requirements)\*
- \* For permanent impact to estuarine wetlands, you must submit a CWM plan.\*

It is not anticipated any wetland areas will be permanently impacted.

## Mitigation Location Information (Fill out only when mitigation is proposed or required)

Proposed mitigation ☐ Onsite Mitigation ☐ Offsite Mitigation ☐ Mitigation Bank ☐ Payment to Provide

Type of mitigation: ☐ Wetland Mitigation ☐ Mitigation for impacts to other waters ☐ Mitigation for impacts to navigation, fishing, or recreation

*(Check all that apply)*

Street, Road or Other Descriptive Location		Legal Description (attach tax lot map*)			
		Quarter/Quarter	Section	Township	Range
In or near (City or Town)	County	Tax Map #		Tax Lot # <sup>1</sup>	
Wetland/Waterway (pick one)	River Mile (if known)	Latitude (in DD.DDDD format)		Longitude (in DD.DDDD format)	
Name of waterway/watershed/HUC		Name of mitigation bank (if applicable)			

\* Attach a copy of all tax maps with the project area highlighted.

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

## (6) ADDITIONAL INFORMATION

Adjoining Property Owners and Their Address and Phone Numbers (*if more than 5, attach printed labels\**)

Columbia Care Services  
3587 HEATHROW WAY  
MEDFORD, OR 97504  
(541) 858-8170

10<sup>th</sup> St. LLC  
5260 NE 22ND AVE  
Portland, OR 97211  
(503) 281-3595

Southwestern Oregon  
PO BOX 929  
Coos Bay, OR 97420  
541-888-7020

Has the proposed activity or any related activity received the attention of the Corps of Engineers or the Department of State Lands in the past, e.g., wetland delineation, violation, permit, lease request, etc.?

Yes ☒ No ☐

If yes, what identification number(s) were assigned by the respective agencies:

Corps # NWP-2010-266 State of Oregon #

Has a wetland delineation been completed for this site? Yes ☐ No ☒

If yes by whom? \* Land & Water Environmental Services is working on one for Columbia Care Services

Has the wetland delineation been approved by DSL or the COE? Yes ☐ No ☒

If yes, attach a concurrence letter. \*



**(7) CITY/COUNTY PLANNING DEPARTMENT AFFIDAVIT**  
**(TO BE COMPLETED BY LOCAL PLANNING OFFICIAL) \***

I have reviewed the project outlined in this application and have determined that:

- ☐ This project is not regulated by the comprehensive plan and land use regulations.
- ☐ This project is consistent with the comprehensive plan and land use regulations.
- ☐ This project will be consistent with the comprehensive plan and land use regulations when the following local approval(s) are obtained.
- ☐ Conditional Use Approval
- ☐ Development Permit
- ☐ Other

This project is not consistent with the comprehensive plan. Consistency requires a

- ☐ Plan Amendment
- ☐ Zone Change
- ☒ Other Conditional Use

An application has ☒ has not ☐ been filed for local approvals checked above.

Local planning official name (print)	Signature	Title	City / County	Date
LAURA BARRON	<i>Laura Barron</i>	<i>Planning Administrator</i>	<i>Coos Bay</i>	<i>9-01-10</i>

Comments:

**(8) COASTAL ZONE CERTIFICATION \***

If the proposed activity described in your permit application is within the Oregon coastal zone, the following certification is required before your application can be processed. A public notice will be issued with the certification statement, which will be forwarded to the Oregon Department of Land Conservation and Development for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program, contact the department at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050.

**CERTIFICATION STATEMENT**

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

Print /Type Name	Title
<i>Jim Hossley</i>	<i>Coos Bay Development Director</i>
Applicant Signature	Date
<i>Jim Hossley</i>	<i>1/30/10</i>

\* *Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.*

## (9) SIGNATURES FOR JOINT APPLICATION

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or Dept. of State Lands staff to enter into the above-described property to inspect the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. *I understand that payment of the required state processing fee does not guarantee permit issuance. The fee for the state application must accompany the application for completeness.*

Amount enclosed \$  

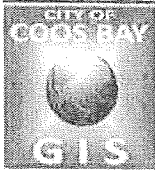
Print /Type Name	Title	Print /Type Name	Title
		<i>Seede B. Hodge</i>	<i>Engineering Technician</i>
Applicant Signature	Date	Authorized Agent Signature	Date
		<i>[Signature]</i>	<i>8/30/2010</i>

*Landowner signatures: For projects and for mitigation work proposed on land not owned by the applicant, including state-owned submerged and submersible lands, please provide signatures below. A signature by the Department of State Lands for activities proposed on state-owned submerged-submersible lands only grants the applicant consent to apply for authorization to conduct removal/fill activities on such lands. This signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied.*

Print /Type Name	Title	Print /Type Name	Title
Property Owner Signature	Date	Mitigation Property Owner Signature	Date







1 INCH = 203 FEET



