



CWS File Number

AMENDED Service Provider Letter

12-000162

This form and the attached conditions will serve as your Service Provider Letter in accordance with Clean Water Services Design and Construction Standards (R&O 07-20).

Jurisdiction: <u>Sherwood</u>	Review Type: <u>Tier 2 Analysis</u>
Site Address: <u>14958 SW Tualatin Sherwood</u>	SPL Original Date: <u>April 05, 2012</u>
/ Location: <u>Sherwood, OR 97140</u>	SPL Amendment Date: <u>May 09, 2012</u>
	SPL Expiration Date: <u>May 09, 2014</u>

Applicant Information:

Name: _____
 Company: LANGER GRAMOR LLC
 Address: 19767 SW 72ND AVE SUITE 100
TUALATIN OR 97062
 Phone/Fax: (503) 783-1306
 E-mail: matt@gramor.com

Owner Information:

Name: _____
 Company: LANGER GRAMOR LLC
 Address: 19767 SW 72ND AVE SUITE 100
TUALATIN OR 97062
 Phone/Fax: (503) 783-1306
 E-mail: matt@gramor.com

Tax lot ID

2S129D000300

Development Activity

Subdivision and Commercial Development

Pre-Development Site Conditions:

Sensitive Area Present: On-Site Off-Site
 Vegetated Corridor Width: 50 feet
 Vegetated Corridor Condition: Marginal/Degraded

Post Development Site Conditions:

Sensitive Area Present: On-Site Off-Site
 Vegetated Corridor Width: 50 feet

Enhancement of Remaining Vegetated Corridor Required:

Square Footage to be enhanced: 130,841

Encroachments into Pre-Development Vegetated Corridor:

Type and location of Encroachment:	Square Footage:
<u>Road (Permanent Encroachment Based on 50 ft. Vegetated Corridor)</u>	<u>14,177</u>
<u>Road and Utilities (Temporary Encroachment; Mitigation/ Planting-In Place)</u>	<u>3,605</u>

Mitigation Requirements:

Type/Location	Sq. Ft./Ratio/Cost
<u>On-site/ Lot 4 (SPL Attachment 4 of 5)</u>	<u>14,777</u>
Total Vegetated Corridor to be planted to District density standards	<u>149,223</u>

Conditions Attached Development Figures Attached (5) Planting Plan Attached Geotech Report Required

This Service Provider Letter does NOT eliminate the need to evaluate and protect water quality sensitive areas if they are subsequently discovered on your property.

In order to comply with Clean Water Services water quality protection requirements the project must comply with the following conditions:

1. No structures, development, construction activities, gardens, lawns, application of chemicals, uncontained areas of hazardous materials as defined by Oregon Department of Environmental Quality, pet wastes, dumping of materials of any kind, or other activities shall be permitted within the sensitive area or Vegetated Corridor which may negatively impact water quality, except those allowed in R&O 07-20, Chapter 3. ✓
2. Prior to any site clearing, grading or construction the Vegetated Corridor and water quality sensitive areas shall be surveyed, staked, and temporarily fenced per approved plan. During construction the Vegetated Corridor shall remain fenced and undisturbed except as allowed by R&O 07-20, Section 3.06.1 and per approved plans. ✓
3. **Prior to any activity within the sensitive area, the applicant shall gain authorization for the project from the Oregon Department of State Lands (DSL) and US Army Corps of Engineers (USACE). The applicant shall provide Clean Water Services or its designee (appropriate city) with copies of all DSL and USACE project authorization permits.** ✓ *PLUS 7*
4. An approved Oregon Department of Forestry Notification is required for one or more trees harvested for sale, trade, or barter, on any non-federal lands within the State of Oregon. ✓
5. **Prior to ground disturbance, an erosion control permit is required through the City. Appropriate Best Management Practices (BMP's) for Erosion Control, in accordance with Clean Water Services' Erosion Prevention and Sediment Control Planning and Design Manual, shall be used prior to, during, and following earth disturbing activities.** ✓
6. Prior to construction, a Stormwater Connection Permit from Clean Water Services or its designee is required pursuant to Ordinance 27, Section 4.B. ✓
7. Activities located within the 100-year floodplain shall comply with R&O 07-20, Section 5.10. ✓
8. Removal of native, woody vegetation shall be limited to the greatest extent practicable. ✓
9. The water quality facility shall be planted with Clean Water Services approved native species, and designed to blend into the natural surroundings. ✓
10. **Once the project goes through the land use process and there are changes proposed due to either the intermittent status of the drainage or the DSL and Corps permit approval requirements, an Amended Service Provider Letter shall be required.** ✓ *NO. 5 B&M P. 5*
11. **Should final development plans differ significantly from those submitted for review by Clean Water Services, the applicant shall provide updated drawings, and if necessary, obtain a revised Service Provider Letter.** ✓

SPECIAL CONDITIONS

12. **Applicant to determine intermittent status of drainage per Section 3.14.3. A 50-ft Vegetated Corridor has been assumed.** ✓
13. For Vegetated Corridors up to 50 feet wide, the applicant shall enhance the entire Vegetated Corridor to meet or exceed good corridor condition as defined in R&O 07-20, Section 3.14.2, Table 3-3. ✓ *SEE 3.14.2*
14. Prior to any site clearing, grading or construction, the applicant shall provide Clean Water Services with a Vegetated Corridor enhancement/restoration plan. Enhancement/restoration of the Vegetated Corridor shall be provided in accordance with R&O 07-20, Appendix A. ✓
15. Prior to installation of plant materials, all invasive vegetation within the Vegetated Corridor shall be removed per methods described in Clean Water Services' Integrated Pest Management Plan, 2009. During removal of invasive vegetation care shall be taken to minimize impacts to existing native tree and shrub species. ✓ *100% 11*
16. Clean Water Services or the City shall be notified 72 hours prior to the start and completion of enhancement/restoration activities. Enhancement/restoration activities shall comply with the guidelines provided in Landscape Requirements (R&O 07-20, Appendix A).

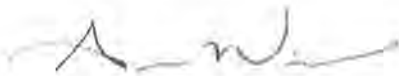
17. **Maintenance and monitoring requirements shall comply with R&O 07-20, Section 2.11.2.** If at any time during the warranty period the landscaping falls below the 80% survival level, the owner shall reinstall all deficient planting at the next appropriate planting opportunity and the two year maintenance period shall begin again from the date of replanting. ✓
18. **Performance assurances for the Vegetated Corridor shall comply with R&O 07-20, Section 2.06.2.** ✓
19. **For any developments which create multiple parcels or lots intended for separate ownership, Clean Water Services shall require that the sensitive area and Vegetated Corridor be contained in a separate tract and subject to a "STORM SEWER, SURFACE WATER, DRAINAGE AND DETENTION EASEMENT OVER ITS ENTIRETY" to be granted to Clean Water Services.** ✓

FINAL PLANS

20. **Final construction plans shall include landscape plans.** In the details section of the plans, a description of the methods for removal and control of exotic species, location, distribution, condition and size of plantings, existing plants and trees to be preserved, and installation methods for plant materials is required. Plantings shall be tagged for dormant season identification and shall remain on plant material after planting for monitoring purposes. ✓
21. **A Maintenance Plan shall be included on final plans** including methods, responsible party contact information, and dates (minimum two times per year, by June 1 and September 30). ✓
22. **Final construction plans shall clearly depict the location and dimensions of the sensitive area and the Vegetated Corridor** (indicating good, marginal, or degraded condition). Sensitive area boundaries shall be marked in the field. ✓
23. **Protection of the Vegetated Corridors and associated sensitive areas shall be provided by the installation of permanent fencing and signage between the development and the outer limits of the Vegetated Corridors. Fencing and signage details to be included on final construction plans.** ✓

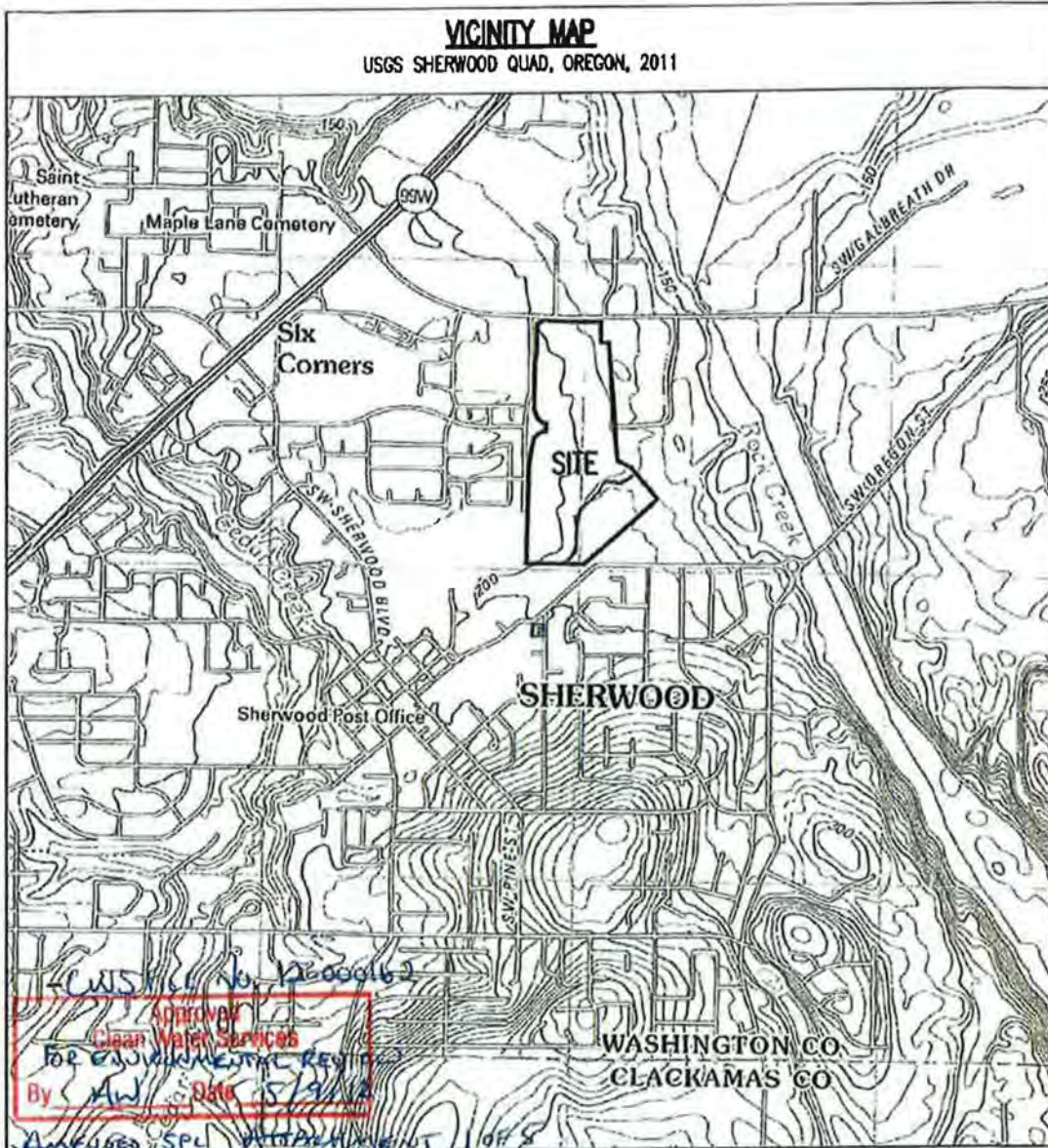
This Service Provider Letter is not valid unless CWS-approved site plan is attached.

Please call (503) 681-3653 with any questions.



**Amber Wierck
Environmental Plan Review**

Attachments (5)



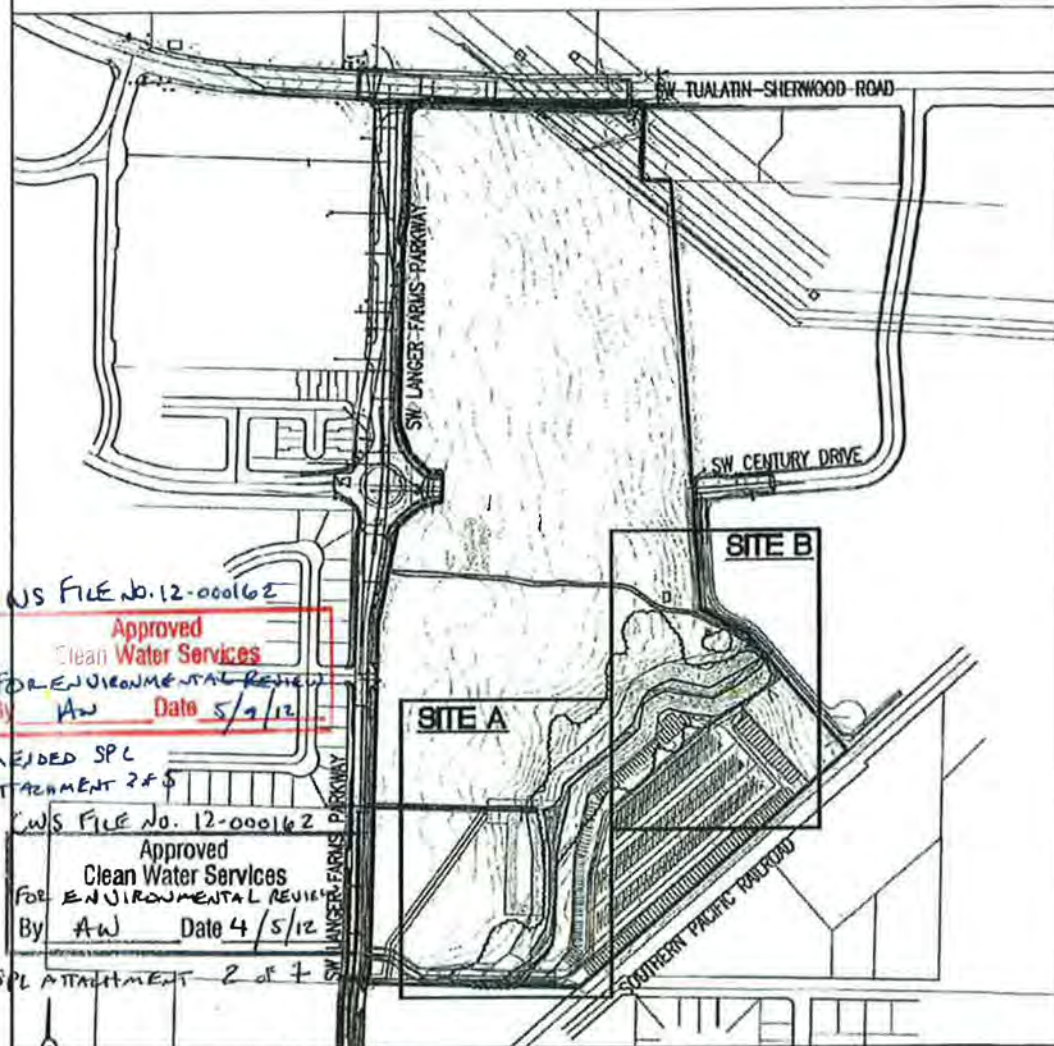
CWS File No. 12-000162	JOB NAME: LANGER FARMS
Approved Clean Water Services FOR ENVIRONMENTAL REVIEW	JOB NUMBER: 2929
By AW Date 4/5/12	DRAWN BY: QMP
AMENDED SPL ATTACHMENT 1 OF 7	CHECKED BY: AHH
SPL ATTACHMENT 1 OF 7	DWG NO.: 2929CWS 1/11

ENGINEERING • PLANNING • LANDSCAPE ARCHITECTURE
FORESTRY • SURVEYING

AKS
ENGINEERING & FORESTRY

LICENSED IN OR & WA
13910 SW GALBREATH
DRIVE, SUITE 100
SHERWOOD, OR 97140
PHONE: (503) 925-8799
FAX: (503) 925-8969
OFFICES LOCATED IN SALEM, OR & VANCOUVER, WA

SITE OVERVIEW AND INDEX MAP



CWS FILE NO. 12-000162

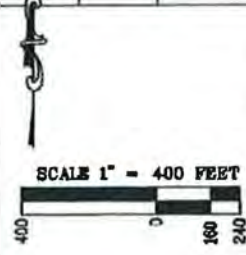
Approved
 Clean Water Services
 FOR ENVIRONMENTAL REVIEW
 By **AW** Date **5/9/12**

AMENDED SPL
ATTACHMENT 2 of 3

CWS FILE NO. 12-000162

Approved
 Clean Water Services
 FOR ENVIRONMENTAL REVIEW
 By **AW** Date **4/5/12**

SPL ATTACHMENT 2 of 3

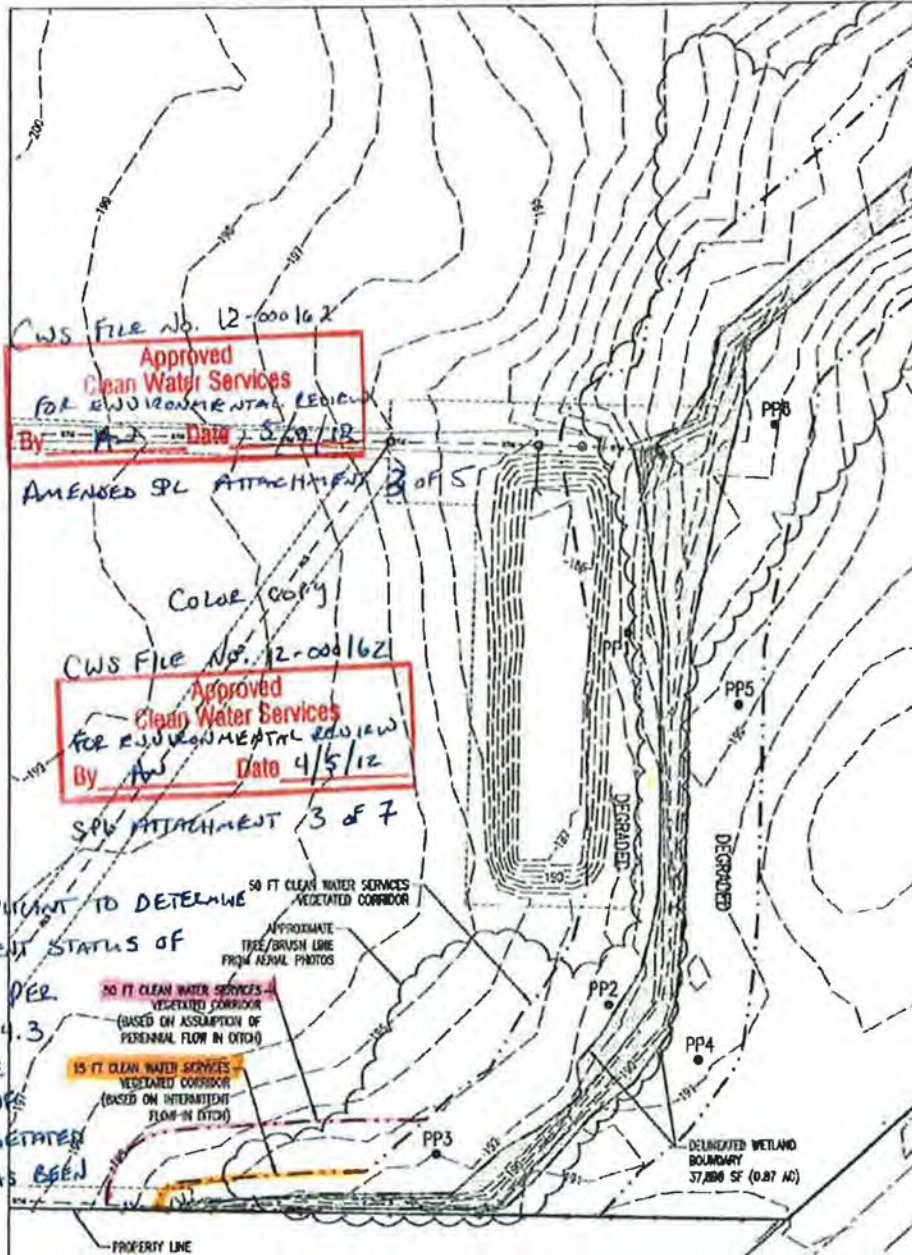


JOB NAME: LANGER FARMS
 JOB NUMBER: 2929
 DRAWN BY: QMP
 CHECKED BY: AHH
 DWG NO.: 2929CWS 2/11

ENGINEERING • PLANNING • LANDSCAPE ARCHITECTURE
 FORESTRY • SURVEYING

AKS
ENGINEERING & FORESTRY

LICENSED IN OR & WA
 13910 SW GALBREATH
 DRIVE, SUITE 100
 SHERWOOD, OR 97140
 PHONE: (503) 925-8799
 FAX: (503) 925-8969
 OFFICES LOCATED IN SALEM, OR & VANCOUVER, WA



NOTE: APPROPRIATE TO DETERMINE INTERMITTENT STATUS OF DRAINAGE PER SECTION 3.14.3. WORST CASE SCENARIO OF 50-FT VEGETATED CORRIDOR HAS BEEN ASSUMED.

<p>SCALE 1" = 50 FEET</p>	<p>SITE 'A' EXISTING CONDITIONS MAP</p>	<p>ENGINEERING • PLANNING • LANDSCAPE ARCHITECTURE FORESTRY • SURVEYING AKS ENGINEERING & FORESTRY</p>
	<p>JOB NAME: LANGER FARMS</p>	<p>ENGINEERING • PLANNING • LANDSCAPE ARCHITECTURE FORESTRY • SURVEYING LICENSED IN OR & WA 13910 SW CALBREATH DRIVE, SUITE 100 SHERWOOD, OR 97140 PHONE: (503) 925-8750 FAX: (503) 925-8669 OFFICES LOCATED IN SALEM, OR & VANCOUVER, WA</p>
	<p>JOB NUMBER: 2029</p>	
	<p>DRAWN BY: OMP</p>	
	<p>CHECKED BY: AHM</p>	
	<p>DWG NO.: 2820CWS 3/11</p>	

