



## Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Wastewater Certification Test Prep - I & II

Presenter: Caleb Trammell Title: Instructor

Employer: Umpqua Community College Address: 1140 Umpqua College Road

City: Roseburg State: OR Zip: 97470 Phone: (541) 440 - 4651

Summary of Lesson content: Review of operation and maintenance skills for wastewater treatment and collection systems necessary to successfully pass the I & II certification exams. Wastewater Certification Review Class Grade I/II - 4616,

Wastewater Collections - 5799, Wastewater Treatment I, Liquids - 5734, Wastewater Treatment II, Solids - 5798.

Professional Background: ( Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: \_\_\_\_\_

Education (High School, Upgrades, Colleges and Degrees): \_\_\_\_\_

Professional Registration/Certification: \_\_\_\_\_

Related papers/instruction you have presented:

Title: \_\_\_\_\_ Date: \_\_\_\_\_ Event: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_ Event: \_\_\_\_\_

Professional Organizations/Activities: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

Course sponsor: \_\_\_\_\_

Signature of Instructor: Caleb Trammell Date: 2/23/24

**DO NOT WRITE BELOW THIS LINE**

Date Evaluated: \_\_\_\_\_ By: \_\_\_\_\_ Approved: Yes \_\_\_\_\_ No \_\_\_\_\_

Return Completed Form To: OESAC CEU COMMITTEE  
P.O. Box 577  
Canby, OR 97013-0577

Email: [info@oesac.org](mailto:info@oesac.org)  
Phone: 503-698-6486

**Caleb W. Trammell**  
541-530-4081  
calebwtrammell@gmail.com  
433 West Berdine Street  
Roseburg OR 97471

## **EDUCATION**

**Oregon State University 2012 - 2017.** *B.S. Microbiology-Sustainability Dual Degree. Chemistry and Soil Science Minors. Undergraduate Research Fellow. Academic Achievement Award Scholarship. Joseph E. Simmons Memorial Scholarship.*

## **PROFESSIONAL HISTORY**

Plant Pathology Laboratory Research Assistant 06/2014 - 09/2017  
*Oregon State University, Corvallis OR*

- Collected 100s of irrigation water samples and performed DNA analyses.
- Coded a model in Excel Visual Basic to autonomously summarize massive datasets.

Crop Health Specialist 09/2017 - 08/2019  
*Blooming Nursery, Cornelius OR*

- Analyzed 1000s of past records to manage effective, preventive pesticide applications based on chemical modes of action.
- Monitored the pH and alkalinity of irrigation water on a weekly basis.
- Developed a model to predict acid additions to irrigation water using linear regression analysis.

Viticulture/Enology Intern 06/2020 - 11/2020  
*Abacela Vineyard, Winston OR*

- Maintained irrigation systems for the growing season.
- Chemical analyses to determine the pH and total acid of weekly wine samples.
- Operated pump equipment to transfer wine between holding tanks.
- Routinely mixed and handled caustic and acidic cleaning agents.

Operator-in-Training 11/2020 - 11/2022

*Jacobs-RUSA WRRF, Roseburg OR*

- Performed daily plant checks to ensure proper equipment operation.
- Took process samples and completed basic laboratory analyses.
- Completed preventive maintenance on equipment, oil changes etc.
- Assisted in major equipment repairs as necessary.
- Carried a 24/7 on-call phone when assigned and responded to emergencies.
- Maintained facility appearance, cleaning, landscaping, etc.
- Repaired broken irrigation lines and sprinklers at the 'Natural Treatment System'.

Project Manager

11/2022 - Current

*Jacobs-RUSA WRRF, Roseburg OR*

- Managing a \$1.4 million budget approved by the client.
- Scheduling large-scale projects at the facility.
- Consulting with operators and guiding process change decisions.
- Hiring, firing, and promoting employees.
- Preparing, signing, and submitting monthly and annual reports.
- Planning capital improvement projects and coordinating with the client.
- Directing emergency responses.
- Attending client board meetings.
- Ensuring that the project operates to regulatory and corporate standards.
- Negotiating 'Out of Scope' agreements to expand services provided.

Part-Time Instructor

06/2023 - Current

*Umpqua Community College, Roseburg OR*

- Assembling online course material related to water and wastewater treatment.
- Responding to questions from students to further their understanding.
- Grading assignments and exams and providing feedback.
- Recording video lectures.
- Attending part-time instructor meetings.
- Adhering to rules protecting student identities and preventing harassment.

# Wastewater Certification Review Class Grade I/II - 4616

See 5 documents for this course

Please contact the course's Sponsor to register

## Moderated



### Docs\_Prefix

9500

### CourseTitle

Wastewater Certification Review Class Grade I/II

### Target Audience

DEQ 1.5

### Instructor

Larry Bahr

### Locations

Roseburg, Oregon

### Dates

3/24/22 - 3/25/22

### DWP

0

### WW

1.5

### Onsite Install

0

### Onsite OandM

0

### MaxCEU

1.5

(these are admin fees, not student registration fees)

### Fees

125

### FeeRec

125.00

### DateRec

1/31/2022

### SponsorID

64

### CurrentContactName

Susan Neeman

### PreApprovalSent



### FinalSent



### Business Name

Umpqua Community College

### ContactAddress

PO Box 967

### ContactCity

Roseburg

### ContactState

OR

### ContactZip

97470

### CurrentContactPhone

(541) 440-4655

### CurrentContactFax

(541) 440-7721

### CurrentContactEmail

[susan.neeman@umpqua.edu](mailto:susan.neeman@umpqua.edu)

### FinalAprvDate

2/10/2022

### HomeStudy

no

**Recurring**

yes

**Does this course  
promote a product?**

no

**BetaTested**

NA

**InHouse**

no

**URL**

<https://www.umpqua.edu>

**TakeOffWeb****Inactive****Comments**

---

## Sponsor

**pk\_SponsorID**

64

**BizName**

Umpqua Community College

**Address**

P. O. Box 967

**City**

Roseburg

**State**

OR

**Zip**

97470

**Phone**

(541) 440-4651

**Fax**

(541) 440-7721

**Contact**

Robin VanWinkle

**SponsorEmail**

[robin.vanwinkle@umpqua.edu](mailto:robin.vanwinkle@umpqua.edu)

# Wastewater Collections - 5799

See 4 documents for this course

Please contact the course's Sponsor to register

## Moderated



### Docs\_Prefix

10720

### CourseTitle

Wastewater Collections

### Target Audience

Wastewater Operations/Maintenance

### Instructor

Larry Bahr

### Locations

Umpqua Community College - Online

### Dates

Winter Quarter 2023

### DWP

0

### WW

3.3

### Onsite Install

0

### Onsite OandM

0

### MaxCEU

3.3

(these are admin fees, not student registration fees)

### Fees

305

### FeeRec

305.00

### DateRec

11/3/2022

### SponsorID

532

### CurrentContactName

Larry Bahr

### PreApprovalSent



### FinalSent



### Business Name

Umpqua Community College

### ContactAddress

P.O. Box 967

### ContactCity

Roseburg

### ContactState

OR

### ContactZip

97470

### CurrentContactPhone

(707) 738-5218

### CurrentContactFax

### CurrentContactEmail

[larry.bahr@umpqua.edu](mailto:larry.bahr@umpqua.edu)

### FinalAprvDate

11/10/2022

### HomeStudy

yes

**Recurring**

yes

**Does this course  
promote a product?**

no

**BetaTested**

NA

**InHouse**

no

**URL****TakeOffWeb****Inactive****Comments**

---

**Sponsor****pk\_SponsorID**

532

**BizName**

Umpqua Community College

**Address**

P.O. Box 967

**City**

Roseburg

**State**

OR

**Zip**

97470

**Phone**

(541) 440-4683

**Fax****Contact**

Wayne Fischer

**SponsorEmail**

[Wayne.fischer@umpqua.edu](mailto:Wayne.fischer@umpqua.edu)

# Wastewater Treatment I, Liquids - 5734

See 3 documents for this course

Please contact the course's Sponsor to register

## Moderated



### Docs\_Prefix

10655

### CourseTitle

Wastewater Treatment I, Liquids

### Target Audience

Wastewater Operations/Maintenance

### Instructor

Larry Bahr

### Locations

Umpqua Community College - Online

### Dates

Fall Quarter 2022 and on

### DWP

0

### WW

0

### Onsite Install

0

### Onsite OandM

0

### MaxCEU

3.3

(these are admin fees, not student registration fees)

### Fees

305

### FeeRec

305.00

### DateRec

9/7/2022

### SponsorID

64

### CurrentContactName

Larry Bahr

### PreApprovalSent



### FinalSent



### Business Name

Umpqua Community College

### ContactAddress

P.O. Box 967

### ContactCity

Roseburg

### ContactState

OR

### ContactZip

97470

### CurrentContactPhone

(707) 738-5218

### CurrentContactFax

### CurrentContactEmail

[larry.bahr@umpqua.edu](mailto:larry.bahr@umpqua.edu)

### FinalAprvDate

10/13/2022

### HomeStudy

yes



**Recurring**

yes

**Does this course  
promote a product?**

no

**BetaTested**

yes

**InHouse**

no

**URL****TakeOffWeb****Inactive****Comments**

Three college credit online offering.

---

## Sponsor

**pk\_SponsorID****BizName**

Umpqua Community College

**Address**

P. O. Box 967

**City**

Roseburg

**State**

OR

**Zip**

97470

**Phone**

(541) 440-4683

**Fax**

(541) 440-7721

**Contact**

Clay Baumgartner

**SponsorEmail**

[clay.baumgartner@umpqua.edu](mailto:clay.baumgartner@umpqua.edu)

# Wastewater Treatment II, Solids - 5798

See 4 documents for this course

Please contact the course's Sponsor to register

## Moderated



### Docs\_Prefix

10717

### CourseTitle

Wastewater Treatment II, Solids

### Target Audience

Wastewater Operations/Maintenance

### Instructor

Larry Bahr

### Locations

Umpqua Community College - Online

### Dates

Winter Quarter 2023

### DWP

0

### WW

3.3

### Onsite Install

0

### Onsite OandM

0

### MaxCEU

3.3

(these are admin fees, not student registration fees)

### Fees

305

### FeeRec

305.00

### DateRec

11/3/2022

### SponsorID

532

### CurrentContactName

Larry Bahr

### PreApprovalSent



### FinalSent



### Business Name

Umpqua Community College

### ContactAddress

P.O. Box 967

### ContactCity

Roseburg

### ContactState

OR

### ContactZip

97470

### CurrentContactPhone

(707) 738-5218

### CurrentContactFax

### CurrentContactEmail

[larry.bahr@umpqua.edu](mailto:larry.bahr@umpqua.edu)

### FinalAprvDate

11/10/2022

### HomeStudy

yes

**Recurring**

yes

**Does this course  
promote a product?**

no

**BetaTested**

NA

**InHouse**

no

**URL****TakeOffWeb****Inactive****Comments**

---

**Sponsor****pk\_SponsorID**

532

**BizName**

Umpqua Community College

**Address**

P.O. Box 967

**City**

Roseburg

**State**

OR

**Zip**

97470

**Phone**

(541) 440-4683

**Fax****Contact**

Wayne Fischer

**SponsorEmail**

[Wayne.fischer@umpqua.edu](mailto:Wayne.fischer@umpqua.edu)