



# The Oregon Examiner.

Published by the Oregon State Board of Examiners for Engineering & Land Surveying

Inside the 2023  
Summer edition:

**2023 Symposium**

**Board Updates**

**Staff Updates**

**Surveying Taskforce**

## Mission

*The mission of the Oregon State Board of Examiners for Engineering & Land Surveying (OSBEELS) is to regulate the practice of engineering, land surveying, photogrammetric mapping, and water right certification in the state as they relate to the welfare of the public in safeguarding life, health and property.*

## Board Members

Tim Fassbender, PLS, CWRE **President**  
Renee Clough, PE, PLS **Vice President**  
Darryl Anderson, PE, PLS, CWRE  
Daren Cone, PLS, PE  
Paul Gribbon, PE  
Todd Jarvis, Public Member  
Erica Rooney, PE  
Massoud Saberian, PE  
Dr. Sean St.Clair., PE  
Ron Stillmaker, PE

## Board Staff

Jason Barbee, **Administrator**  
Jenn Gilbert, **Deputy Administrator**  
Ashlee Graybeal  
Danee Koonce  
Magali Martinez  
Veronica Portillo  
Ashley Setzer  
Nick Siegrist  
Dennis Smith  
Rob Sobotka  
Tina Sorensen  
Leah Von Deylen

## On the cover: Toketee Falls

Toketee Falls is a waterfall in Douglas County, Oregon, United States, on the North Umpqua River at its confluence with the Clearwater River.

The waterfall is regulated by a dam built just upstream by PacifiCorp, which now regulates and reduces the water flow over the falls. The damming forms a reservoir called Toketee Lake. Previously the full volume of the North Umpqua River was allowed to flow over the falls, but the flow has been reduced by a penstock that utilizes the drop of the falls to generate hydroelectricity.

Toketee (pronounced TOKE-uh-tee), is a Chinook Jargon word meaning “pretty” or “graceful”. The falls was officially named by a United States Board on Geographic Names in 1916.

## Upcoming at OSBEELS:

**July 11, Board Meeting**

**August 1, Symposium Registration Opens**

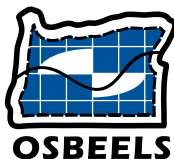
**August 10 & 11, Committee Meetings**

**September 12, Board Meeting**

**September 28 & 29, 2023 Symposium: Traverse**

**October 12 & 13, Committee Meetings**

Register for your MyOSBEELS account today at  
<https://online.myosbeels.org>



*The Oregon Examiner* is published by the Oregon State Board for Engineering & Land Surveying (OSBEELS). To stay up-to-date with all things OSBEELS, find us online at [www.oregon.gov/osbeels](http://www.oregon.gov/osbeels)





# Director's Corner

*From the desk of Jason Barbee, Board Administrator & Agency Director*

**I**t's been a while since we've sent out our quarterly newsletter. This was due to our former Communications Coordinator taking a promotional opportunity at another state agency, and we just recently filled the position with Ashlee Graybeal. We're super excited to have her as part of our team and among other things, to have her resume our quarterly Examiner.

Over the last six months, I've been invited to attend the Professional Land Surveyors of Oregon Annual Conference (January of 2023) as well as being invited

to attend the Professional Engineers of Oregon Annual Conference (May of 2023). As I've stated before, these are two well-run organizations that put on structured Annual Meetings that contain many educational benefits as well. If you haven't attended either of these meetings before, I would highly recommend you do so. Not only do they provide current and meaningful class sessions, but the networking opportunities are invaluable.

As a reminder, all applications and renewals are now to be completed

in our new online system. We will no longer accept paper renewals or paper applications unless you've been directed to do so by our agency staff. If you have questions related to your renewal or your application, you can find the person to best assist you under the [Staff Directory page of our website](#).

With the summer months ahead, if you aren't able to get through to your agency contact due to a vacation, feel free to call our front desk (503-362-2666) and we will put you in contact with someone to help!

## ***Interested in making a difference?*** **OSBEELS currently has a vacancy on the Board and needs *your* expertise.**

**T**he OSBEELS is excited to announce that we are currently seeking applicants to fill a vacant public member position as well as a potential upcoming licensee member position vacancy in the next year.

Public members play an important role on the Board, as they offer a unique and important perspective as non-

professional members. Our Board encourages individuals who have had exposure to or are passionate about the engineering or land surveying industries to consider applying!

As a Board member, you will have the opportunity to work alongside public and professional members, and agency staff, to license individuals, address questions

from the professional community, and uphold the Board's mission to protect the health, safety, and welfare of the public. The Board welcomes individuals from all areas of the state who meet the minimum experience requirements and desired professional designation to apply today!

Interested in learning more about the application process and prerequisites? [Visit the state boards and commissions' website](#).

If you are interested in applying or learning more about becoming an OSBEELS board member, please contact Board Administrator, Jason Barbee, at [Jason.Barbee@osbeels.oregon.gov](mailto:Jason.Barbee@osbeels.oregon.gov).



## Meet Ashlee, OSBEELS New Communications Coordinator

I joined our wonderful OSBEELS team as the Communications Coordinator in April of this year. I bring with me a diverse background in state government, private industry, non-profit, and self-employment worlds. While my role is to support the Board and the licensure and regulation of your professions, what motivates me most each day are the relationships I have with professionals throughout Oregon. I'm excited to be a bridge between OSBEELS and your respective communities.

Our mission here at OSBEELS is to safeguard life, health, and property of Oregon's citizens. Since we cannot

accomplish our mission without you, our licensees, we want to make sure we are providing you with information that supports your professional journey. We'll be bringing you new issues of the Examiner newsletter, which aims to keep your professions informed and connected. We look forward to delivering you excellent customer service and providing guidance on best practices through such events as the annual Professional Engineers of Oregon and Professional Land Surveyors of Oregon conferences. We will continue to host our annual OSBEELS Symposium in September, showcasing innovative work

being done by you and your peers. Most importantly, our inboxes and phone lines are open to assist you through the many phases of your licensure process.

I welcome your ideas and feedback regarding the different outreach mediums we have here at OSBEELS. Do you have an event you'd like us to attend where we can provide education towards becoming licensed? Do you have a topic proposal for a future Symposium or Examiner? Email me at [ashlee.d.graybeal@osbeels.oregon.gov](mailto:ashlee.d.graybeal@osbeels.oregon.gov).

***Thank you for the incredible work you do!***

# Board Welcomes New Member Todd Jarvis



**T**he OSBEELS is pleased to announce the addition of new board member Todd Jarvis. Todd was appointed by Governor Kate Brown to the Board as of October 2022 as a Public Member.

Todd has over 35 years of experience in the groundwater engineering industry. He works at the Institute for Water & Watersheds at Oregon State University (OSU) in Corvallis, Oregon, one of the 54 Water Resources Research Institutes funded by the U.S. Geological Survey and distributed across the United States and US territories. He has also served as a Pro Tem faculty member teaching Environmental Conflict Resolution over the past 10 years in the Conflict Resolution Program at the University of Oregon Law School.

Todd attended the University of Wyoming earning a Bachelor of Science in Geology and a Master's Degree in Geology specializing in Hydrogeology. Todd worked in the private sector in groundwater and drilling engineering for approximately 20 years prior to

joining OSU in 2003 to pursue a PhD in Resource Geography specializing in water conflict resolution. He earned graduate certificates in Conflict Resolution from the University of Utah in 2002 and Business Fundamentals from OSU in 2021. Todd became registered as a Certified Engineering Geologist in Oregon in 1993 and a Certified Water Right Examiner in 2003.

Todd is also a Certified Online Mediator with over 20 years of experience in dispute prevention and conflict resolution for groundwater, aquifers, and water well construction. Todd is the author of the book *Contesting Hidden Waters: Conflict Resolution for Groundwater and Aquifers* and the co-author of *Collective Aquifer Governance: Dispute Prevention for Groundwater and Aquifers through Unitization* with water attorney Jakob Wiley.

An active member in the professional water community, Todd served on the Wyoming Board of Professional Geologists, the Oregon State Board of

Geologist Examiners, the Groundwater Resources Association of California, and is currently the Secretary/Treasurer for the National Institutes for Water Resources. "I have enjoyed serving on the various Oregon boards promoting performance-based approaches to water resources development in the State of Oregon." Outside of work, Todd spends his time pursuing 50,000 miles on his Vespa and whitewater rafting in rivers large and small across the western U.S.

The OSBEELS is happy to have Todd participating on the Board and sharing his vast professional mediation experience.





# TRAVERSE



*Safeguarding life, health,  
& property in Oregon*

**JOIN OSBEELS FOR OUR ANNUAL SYMPOSIUM!**

**LIKE PRIOR YEARS WE'LL BE FULLY VIRTUAL AND OFFERING TWO DAYS OF EDUCATIONAL AND INSPIRING SESSIONS WITH THE OPPORTUNITY TO EARN UP TO 14 PDHs!**

**TRAVERSE OREGON AND BEYOND WITH EXCITING PRESENTATIONS  
FEATURING A WIDE ARRAY OF ENGINEERING AND SURVEYING TOPICS AND PROJECTS.**



# REGISTRATION OPENS AUGUST 1

**THE SESSIONS WILL BE RECORDED FOR THE RE-AIR.  
YOU MUST BE REGISTERED FOR THE SYMPOSIUM  
TO ATTEND THE RE-AIR.**

STAY TUNED TO THE WEBSITE FOR MORE DETAILS.





Tim Fassbender



Renee Clough

# Get to Know Our New President & Vice President

**E**ffective July 1, our Board welcomes Tim Fassbender as the new Board President and Renee Clough as the new Vice President. Tim has served on the Board for a total of four years, and Renee has been serving for the last three years. Together, these two bring an abundance of professional experience and knowledge to OSBEELS. Let's get to know our new Board leaders:

## What is your current profession?

**Tim:** I'm still in the Land Surveying profession and am a Certified Water Rights Examiner.

**Renee:** I consider myself a land use consultant since I primarily design land development projects. There's no good term for someone who is licensed as an engineer and a surveyor along with certified as a planner.

## How long have you been a registered professional in Oregon?

**T:** Obtained LS license in 1986, obtained CWRE license in 1987.

**R:** Since 2006 for engineering and 2007 for surveying.

## What do you enjoy most about the work you do?

**T:** I most enjoy helping people. Many times when people reach out to a land surveyor they are having trouble with their boundary location, and I enjoy helping them understand how you go about locating their boundary and why it is where it is. Some don't like your location but that is where the professional needs to come out of you and explain the procedure you went through to obtain the location. In general, being able to help those who need your expertise is most satisfying.

**R:** The opportunity to help people. My clients come to me with a vision or problem and my work is instrumental to the resolution.

→ continued on next page



## What do you find challenging in your field?

T: Trying to explain to people that the property lines shown on GIS maps are not necessarily the true location. I understand people want the answer “now”, and it’s easy to think the GIS map is as good as a real survey but the adage is true, “you get what you paid for” and more trouble is soon to follow if you rely on those maps.

R: The changes in land use regulations can be hard to keep up with at times but the rapidly changing survey and engineering technology can be challenging to keep up with too.

## What drew you to being on the OSBEELS Board?

T: I want to give back to the profession what it gave me. The job of being an OSBEELS board member is not glamorous or even a paying position. Untold hours of work go into being a board member but there is satisfaction in the fact that you are helping the public and the professionals. A board member with experience in respected professions helps protect the public, and at the same time helps the public better understand the professions.

R: I actually can’t remember. I set it as a goal early in my career, but I can no longer remember when I set the goal or why. It does fit my personality well though since I tend to seek ways of being useful to those around me.

## What do you hope to accomplish in your time as Board President/Vice President?

T: I don’t necessarily think I hope to make any changes while Board President, but I do hope we as a board can provide even more information to the public and to the professionals that will help in understanding our

professions. There is always room for improvement, the question is how to prioritize what needs improvement.

R: Nothing concrete. I want to support and carry forward the engineering and surveying professions so that they continue to be successful and vibrant for the next generation. Those that came before me supported and carried the professions forward for my generation, and now it’s my turn.

## Lastly, what do you enjoy doing with your time outside of work?

T: When there is time outside of work; hunting, a little fishing, woodworking, skiing, golf, and all those “honey do” items on the list.

R: My family and coworkers would say “Doing anything that results in a story which keeps them awake at night”. On the surface, the things I enjoy should be rather innocuous: reading, camping, downhill skiing, backpacking, travel (international especially, but also in the US), gardening, canning, sewing, and volunteering with whatever activity my daughter is doing. However, the reality is that I do often manage to have some rather shocking stories to tell...needing ski patrol after running into a stump, hitchhiking with my daughter after a failed backpacking trip, a wild taxi ride in Greece that included going around hairpin turns on what felt like two wheels, and a number of other fun times.



## 2022 Surveying Taskforce Highlight

OSBEELS would like to highlight the work done by the 2022 Surveying Taskforce. Co-chaired by Steve Townsend, City Engineer of Portland, and Pat Gaylord, Surveying and Geomatics Market Leader with David Evans & Associates, this taskforce was comprised of 41 professionals throughout Oregon. Over a two-year period, this group took on the essential work of addressing the shortage of licensed surveyors in Oregon.

When you get that many talented and efficient folks working in concert, progress will be made. Of the 17 recommendations created, the taskforce got the ball rolling by implementing six before convening. They joined OSBEELS in our review of licensed land surveying qualifications and provided valuable input toward simplifying pathways as well as creating additional pathways to licensure, all while maintaining the same standard of competency. A modified workshop was developed to inform middle and high school teachers on how to incorporate land surveying into their curriculums. College curriculums were aligned between community colleges and universities to ensure seamless transfers.

Check out the full details of these recommendations and more in the [2022 Surveying Taskforce Report found on the PLSO website.](#)



# Dr. Sean St.Clair Receives NCEES Award

**D**r. Sean St.Clair has been providing excellent leadership as our Board President since 2021. With his term as President coming to a close, OSBEELS would like to thank Sean for dedicating his invaluable time and talent to our Board.

OSBEELS is also pleased to announce that Sean has received a Western Zone Distinguished Service award from the National Council of Examiners for Engineering and Surveying (NCEES). The award is presented to individuals who have rendered outstanding service to NCEES.

Sean has been serving on the Fundamentals of Engineering (FE) Exam Development Committee of NCEES for more than 12 years, writing questions for both the pencil-and-paper general exam and for the computer-based civil engineering exam. He has written hundreds of questions that are attempted by tens of thousands of examinees every year. He has recently been elected to chair the Civil Engineering Module of the FE Exam Development Committee.

Sean participates in other exam development services as well. He has

served once on a study to review and revise the content and organization of the exam. He has served twice in standard setting studies to determine exam passing scores, which resulted in him having taken the FE Exam three times! He has also written and revised portions of the manual that all examinees use during the exam.

As a member of the OSBEELS Board, Sean became eligible to serve on other NCEES committees. He served on the NCEES Education Committee for four years and the Examination Policy and Procedures Committee for two years.

Sean was appointed to the OSBEELS Board by the governor in 2017. He has chaired the Examinations and Qualifications Committee for six years, reviewing hundreds of candidates for engineering licensure in the state of Oregon.

Sean firmly believes that engineering and surveying licensure is essential for the protection of life, health, and property. He also believes that testing is an integral part of the licensure process. These beliefs have led to his extensive service with both OSBEELS and NCEES.



# Law Enforcement Cases

*The following list contains law enforcement cases that resulted in disciplinary actions and became finalized.*

## **2022-22 Dan Gilbert (60121PLS)**

The Board found Gilbert applied his seal and signature and was thus in control of a project. Gilbert was thus required to give notice to the land owner prior to entering the property, however the Board found Gilbert had not given notice. This was in violation of ORS 672.047(4). The Board assessed a civil penalty of \$250 for the violation.

## **2023-1 Timothy Prockish (78291PE)**

The Board found Prockish failed to report a Nevada disciplinary action which violated OAR 820-020-0045(4). The Board assessed a civil penalty of \$1000 for the violation.

## **2022-13 Michael Weishar (10536PE)**

The Board found Weishar stamped and signed engineering drawings for 26 projects in Oregon without a license, violating ORS 672.020(1). The Board assessed a civil penalty of \$1000.

***As a friendly reminder, OAR 820-020-0045(4) requires registrants to give written notification to the Board with 45-days of receiving any disciplinary action by another licensing agency related to your professional practice.***

***The Board would like to remind professional registrants of the requirements for providing notice of right-of-entry. Per ORS 672.047(4), a registered professional land surveyor, or any employee or agent of the land surveyor, may not enter upon land for the purpose of surveying, performing other survey work or establishing a permanent survey monument without first providing notice to the landowner, or current occupant, by first class mail or by personal notice. A notice that is provided in-person must be hand-delivered to the landowner or occupant or be posted in a conspicuous place where the landowner or occupant may reasonably be expected to see the notice. Regardless of whether the notice is delivered via mail or in-person, it must provide all the following information:***

- ***The professional land surveyor's name, address, and telephone number,***
- ***Purpose for entering onto the individual's property,***
- ***Details regarding the availability of the survey, and***
- ***The presence of any temporary or permanent monuments or other markers to be left on the land.***

# SHARE YOUR WORK

The work of our licensees can be exciting and unique, and we invite you to share your experiences with our OSBEELS community! We're looking for photos of noteworthy projects, monuments, or work site locations. As examples, we have a work site photo from our own Board Member, Paul Gribbon, and a survey control point from Communications Coordinator, Ashlee Graybeal. Send your photos in either .jpg or .png format to [ashlee.d.graybeal@osbeels.oregon.gov](mailto:ashlee.d.graybeal@osbeels.oregon.gov) and they may be featured in the next Oregon Examiner!



Right: Control Point at Mars Yard of NASA's Jet Propulsion Laboratory, Pasadena, CA.

Submitted by Ashlee Graybeal

Next Page: Swan Island Pump Station construction for the Willamette River Combined Sewer Overflow Program. Portland, OR.

Submitted by Paul Gribbon, PE



