



American Water Works Association Pacific Northwest Section

PNWS AWWA FALL TRUSTEE MEETING ENGINEERING COMMITTEE REPORT Thursday, October 5, 2017

Committee Officers

Chair – Scott Duren
Vice Chair – Kyle Thompson
Secretary – Ali Leeds
Trustee Representative – Lynn Stephens

PAST YEAR (2016-2017)

2016-2017 Budget

	<i>Budget</i>	<i>Actual</i>
Income	\$4,000	\$8,921.32
<i>Excellence In Engineering Awards</i>	<i>\$1,000</i>	<i>\$1,052.04</i>
<i>Extra Award Plaques</i>	<i>\$0</i>	<i>\$600</i>
<i>Training – Corrosion w/ NACE</i>	<i>\$1,500</i>	<i>\$7,069.28</i>
<i>Training – Emergency Planning</i>	<i>\$1,500</i>	<i>\$0</i>
<i>NWOR EWeek Co Sponsor (King County)</i>	<i>\$0</i>	<i>\$200</i>

Expenses	\$3,425	\$8,055.95
<i>Excellence In Engineering Awards Plaques</i>	<i>\$1,000</i>	<i>\$1,313.00</i>
<i>Excellence in Engineering Awards Posters</i>	<i>\$0</i>	<i>96.55</i>
<i>Oregon E-Week</i>	<i>\$500</i>	<i>\$500</i>
<i>Training – Corrosion w/ NACE</i>	<i>\$450</i>	<i>\$5,445</i>
<i>Training – Emergency Planning</i>	<i>\$450</i>	<i>\$88.33</i>
<i>Seattle Engineering Fair</i>	<i>\$450</i>	<i>\$400</i>
<i>Seattle University Career Fair</i>	<i>\$300</i>	<i>\$0</i>
<i>Pencils for E-Week</i>	<i>\$275</i>	<i>\$212.97</i>

The Engineering Committee returned \$865.37 to the Section within 2016-2017, exceeding our budget to contribute \$575. The following summarizes committee activities during the 2016-2017 year.

2016-17 Training

Two training sessions were held in 2016-2017:

- Joint Corrosion Control training with the National Association of Corrosion Engineers, held at the Portland Water Bureau.
- Emergency Planning, facilitated by the

2016-17 Outreach

The Engineering Committee sponsored two outreach events, including:

- Seattle Engineering Fair
- Oregon Engineering Week

2016-17 Events

Two system tours were organized by the Committee in 2016-2017, including:

- Pump Tech Facility and Package Pumping System overview, February 2017
- Bremerton, Washington Water System tour, July 2017

2016-17 Excellence in Engineering Awards

Ten nominations were received for the awards, with the following winners selected amongst three categories:

- Large Project Category – Morse Lake Pumping Plant, Seattle Public Utilities
- Small Project Category – Butterfield Water Treatment Plant, Pasco, WA
- Engineering Planning Category – Strategic Asset Planning, Tacoma, WA

Nominations were announced at the opening session of the 2017 PNWS-AWWA conference in Kennewick, and posters were created in the main hall for each of the winners.

CURRENT YEAR (2017-2018)

2017-2018 Budget

	Budget
Income	\$4,000
<i>Excellence In Engineering Awards</i>	\$1,000
<i>Training – TBD</i>	\$1,500
<i>Training – TBD</i>	\$1,500

Expenses	\$2,200
<i>Excellence In Engineering Awards Plaques</i>	\$300
<i>Training – Corrosion w/ NACE</i>	\$450
<i>Training – Emergency Planning</i>	\$450
<i>Oregon E-Week</i>	\$500
<i>Seattle Engineering Fair</i>	\$500

In 2017-2018 Budget, the Committee expects to contribute income back to the Section. The following committee activities are anticipated during the 2017-2018 year.

Committee Meetings

The Committee's Annual Conference Meeting was held in Kennewick, and was attended by approximately 18 people. During the meeting the group elected the new officers, and discussed topics for the upcoming year.

On August 28, 2017, the Mid-Year meeting was held in Centralia, Washington, and was attended by approximately 10 members. We appreciated the support of MurraySmith, Carollo, and Water Systems Consulting, who sponsored the lunch. The main purpose of the meeting was to select abstracts for the upcoming Conference. Additional topics such as training, events, and outreach were discussed.

2017 PNWS AWWA Annual Conference

The Committee sponsored a full day Pre-conference Seminar on Pipelines, three technical sessions, and one Early Bird session. Sessions were well attended, and good feedback was received on the technical content.

2018 PNWS AWWA Annual Conference

For the upcoming Conference the Committee has submitted a schedule that includes a Preconference Session jointly sponsored with the Distribution committee, focusing on seismic resiliency, two 2-hour sessions focused on Excellence in Engineering award winners and emergency response projects, two 3-hour sessions focused on reservoirs/pumps and a joint session with the Water Treatment committee focused on pilot testing, and one early bird session focused on treatment plant intakes. The committee had excellent abstracts to choose from this year, and is very excited about the program.

Training

The Committee is planning to hold 2 training sessions in 2017-18, and its Training Group is considering several different topics that are relevant to the engineering industry, but which can also leverage past presentations and materials. One session will likely be focused around distribution systems and water quality.

Events

Several tours are planned for the spring of 2018, including facility tours of the Willamette Water Supply Project and the Joint Water Commission Water Treatment Plant expansion, both in the Portland area. The Committee is looking for ideas for a Washington based project tour in the Winter/Spring.

Outreach

The Committee plans to sponsor the Engineering Week events in Portland and Seattle again this year.

Excellence in Engineering Awards

The call for nominations has been moved forward on the calendar this year with a due date of December 15th, to allow selection and notification of winners in early 2018. To further increase the visibility and prestige of the award, a one-hour session was reserved in the Engineering Committee technical program at the Annual PNWS-AWWA Conference to allow each of the three 2018 winners 20 minutes to present their project. Our hope is that the session can be held in the 2-hour block immediately after the opening session, where the winners will be announced. Posters will also be created for each of the winners that will be placed in the entryway to the exhibit hall.