



City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: <i>Sarah Rehder</i>		
Board/Commission Name: <i>Urban Forestry Commission</i>		Position Title: <i>Position #4 Hydrologist or other similar professional</i>
<input checked="" type="checkbox"/> Appointment OR <input type="checkbox"/> Reappointment		Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other:	Date Appointed: 3/7/2017	Term of Position: * 12/1/2014 to 11/30/2017
Residential Neighborhood: <i>Ballard</i>	Zip Code: 98117	Contact Phone No.: <i>n/a</i>
Background: <p><i>Sarah has a Bachelor's of Science in Civil and Environmental Engineering from the University of Washington and is a licensed civil engineer.</i></p> <p><i>She works in the Water Group of WSP/Parsons-Brinckerhoff, which provides services specializing in stormwater infrastructure engineering.</i></p> <p><i>Sarah's experience has focused on urban stormwater management for over ten years. She designed and build many natural drainage facilities that detain and treat runoff to protect our creeks and lakes. She has also worked on stormwater infrastructure design and installations to manage combined sewer overflows.</i></p> <p><i>Sarah's background in natural drainage systems will be an asset to the Urban Forestry Commission. She is being appointed to fill the remainder of a vacated term.</i></p>		
Authorizing Signature (original signature): 		Appointing Signatory: <i>Edward B. Murray</i> Mayor of Seattle

FILED
 CITY OF SEATTLE
 2017 APR -7 AM 11:11
 CITY CLERK

*Term begin and end date is fixed and tied to the position and not appointment date.

Sarah Rehder, P.E.

PROFESSIONAL SUMMARY

I am a Licensed Civil Engineer in the state of Washington with experience in leading the design of project elements including storm drainage infrastructure, roadway design, and site grading. I function collaboratively with stakeholders and team members to deliver projects to the highest level of quality. I am a conscientious professional who engages others by encouraging open discussion, questions and options. I enjoy taking pride in my work with a focus on incorporating best practices into design.

EDUCATION

Bachelor of Science **2004**
University of Washington, Department of Civil and Environmental Engineering

WORK EXPERIENCE

WSP| Parsons-Brinckerhoff, Seattle, WA **February 2016 – Present**
Water Group of WSP-PB provides services specializing in stormwater infrastructure engineering

SvR Design Company, Seattle, WA **2003-2013**
Provides services in Civil Engineering, Landscape Architecture, Environmental Restoration, and Planning

Key Achievements

Waterfront Seattle, Seattle **ongoing**

- Traditional storm drainage infrastructure engineering for the new Alaskan Way waterfront that includes roadways and a promenade extending from King Street north to Bell Street.
- Coordinating with multiple stake holders and determining available layout for trees, green stormwater infrastructure, and light poles.

King County Metro Transit On-call, Kent **ongoing**

- Review code and provide drainage engineering for King County Metro projects aimed at improving fleet efficiency.
- Looking at how to minimize impact to existing trees for regrading a water quality pond to meet the pond's existing function.

Bell Street Park Project, Seattle **constructed**

- Coordinated with multiple firms and lead the development of plans and specifications for Bell Street Park, a 3.4-million-dollar redevelopment of a four block corridor in downtown Seattle.
- Lead the design of the storm drainage, grading, and pavement of this first curbsless city center street in Seattle.
- Worked with landscape architects to locate trees in a street with many existing underground utility runs.
- Secured city approval for this non-standard streetscape by meeting with city employees in different departments to negotiate through their specific concerns and achieved agreement on design principals and elements.

Cedarbrook Lodge Project, SeaTac

constructed

- Lead the stormwater code review and preemptively worked with City employees to explain and lay the groundwork for the project's assumptions therefore minimizing questions raised during permit review.
- Performed stormwater sizing calculations and utilized Western Washington Hydrology Model to layout the required design of the storm drainage system and site grading.
- Iteratively analyzed the stormwater basins to minimize retrofit of the existing stormwater infrastructure while keeping the impact to the wetland, into which the entire site discharges, within code requirements.

Elliott Bay Seawall Project, Seattle

ongoing

- Coordinated with a mix of team members outside of my firm to achieve a design that met all constraints for the 13 blocks of restored roadway, utility relocations, and new seawall.
- Determined proposed drainage basins to avoid triggering a review of the City's NPDES permit, a key requirement to keep the project's construction schedule in line with multiple other construction projects along the corridor.
- Wrote memorandums explaining the rationale for decisions regarding the storm drainage design that were distributed to the design team and stakeholders.

High Point Redevelopment, Seattle

constructed

- Observed daily construction activities for the improvements within the city's right-of-way.
- Reviewed the project's plans and specifications and informed the engineering team and owner when deviations were made so corrective actions could be taken immediately.
- Confirmed the protection of the installed natural drainage swales and existing trees to remain during construction.

OTHER RELEVANT INFORMATION

Civil Engineering Program Skills

Western Washington Hydrology Model | MGSFlood | | King County Runoff Time Series

Training Courses Completed

Green Stormwater Infrastructure Operations & Maintenance | WWHM3 |
Trenchless Pipe Installation

Extra Curriculum Activity

- Starting January 2016, I have become a member of a local Toastmasters club to continue improving my verbal communication skills.
- During the summer of 2015, I volunteered with the Lettuce Leaf program of Solid Ground providing vegetables to food banks and senior centers.
- In 2014 and 2015, I volunteered with a group who took stewardship of a portion of the Grand Canal in Ireland and collected trash.
- In 2012 and 2013, I volunteered with the Civil and Environmental Engineering Department at the University of Washington. I presented my personal experience with design and construction of projects that incorporate a combination of traditional and green stormwater infrastructure. I also lead tours for the class through the Seattle Housing Authority's High Point Development to showcase examples of incorporating green stormwater infrastructure within a roadway and on-site.

Urban Forestry Commission

March 2017

Ten (10) Members: Pursuant to S.M.C. 3.14.920, *all* members subject to City Council confirmation, *three-year terms:*

- **4** City Council-appointed
- **5** Mayor-appointed
- **1** Other Appointing Authority-appointed (specify): 1 (one) selected by Commissioners

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	M		1.	Wildlife Biologist	Steve Zemke	12-1-16	11-30-19	2	Council
6	F		2.	Urban Ecologist	Donna Kostka	12-1-16	11-30-19	2	Mayor
6	M		3.	Natural Resource Agency or University Representative	Weston Brinkley	2-29-16	12-1-19	1	Council
6	F		4.	Hydrologist or Similar Professional	Sarah Rehder	12-1-14	11-30-17	1	Mayor
6	M		5.	Arborist	Leif Fixen	12-1-14	12-1-17	2	Council
6	M		6.	Landscape Architect	Tom Early	12-1-14	12-1-17	2	Mayor
6	F		7.	NGO Representative	Joanna Nelson de Flores	6-6-14	12-1-18	2	Council
6	M		8.	Development Community or Utility Representative	Andrew Zellers	2-29-16	12-1-19	1	Mayor
6	M		9.	Economist, Financial Analyst, Realtor, or Similar Professional	Craig Johnson	12-1-16	11-30-19	1	Commission
6	M		10.	Get Engaged	Reid Haefer	9-1-16	8-31-17	1	Mayor

SELF-IDENTIFIED DIVERSITY CHART

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
	Men	Women	Transgender	Unknown	Asian	Black/African American	Hispanic/Latino	American Indian/Alaska Native	Other (Specification Optional)	Caucasian/Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
Mayor	3	2								5			
Council	3	1								4			
Other	1									1			
Total	7	3								10			

Key:

- *D** List the corresponding *Diversity Chart* number (1 through 9)
 - **G** List *gender*, **M** = Male, **F**= Female, **T**= Transgender, **U**= Unknown
 - RD** Residential Council District number 1 through 7 or N/A
- Diversity information is self-identified and is voluntary.*