

Exh. SH Rply T – 1
Docket UW 170924
Witness: Sarah Hand

BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION

SARAH HAND AND GRETCHEN HAND,
a married couple

Complainant,

v.

RAINIER VIEW WATER COMPANY, INC.,

Respondent.

DOCKET UW 170924

**EXHIBIT 1 TO REPLY TESTIMONY
OF SARAH HAND**

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July 2, 2018

CV of Susan Evans

**EXHIBIT 1 TO REPLY TESTIMONY OF SARAH
HAND – DOCKET UW 170924**

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Seattle, WA 98108

SUSAN L. EVANS, CIH, CSP, P.E.
SENIOR CONSULTANT
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Ms. Evans is a civil engineer and Senior Consultant with 14 years of experience in building construction/reconstruction oversight and investigations. She is a Certified Industrial Hygienist and Certified Safety Professional with over 18 years of experience in industrial hygiene, environmental health and safety evaluations, and compliance efforts. She has participated in numerous industrial hygiene, safety, and environmental projects, including indoor air quality, microbial colonization and asbestos investigations, remediation/abatement plans and oversight, water and air quality, worker exposure assessments, regulatory agency compliance, real estate environmental assessments, safety investigations, and construction site specific plans, training, and on-site monitoring. Ms. Evans regularly conducts building envelope and component analysis for walls, finishes, mechanical, plumbing, and water intrusion concerns, as well as investigations related to building assessments, building code compliance, slips, trips, and falls, and ADA compliance assessments.

Ms. Evans has been responsible for indoor air quality investigations in commercial, governmental, educational, hospitals, and hospitality oriented buildings.

Areas of Specialization

Building envelope
Construction site plans, training, and on-site monitoring
Indoor air quality
Industrial hygiene
Remediation/abatement plans and oversight
Safety accident investigations
Water quality and intrusion
Worker exposure assessments

Education

B.S., Structural Engineering, University of Wisconsin-Milwaukee, 1973

Licenses & Certifications

Registered Professional Engineer, State of Washington, #40315
Registered Professional Engineer, State of Wisconsin, #18267
Certified Industrial Hygienist (CIH), Certificate #5767
Certified Safety Professional (CSP), Certificate #10262
AHERA Certified Asbestos Inspector and Management Planner, Certified Asbestos Project Designer
Certified Asbestos Supervisor, Washington Department of Labor and Industries, #2007024137A
Certified Residential Plumbing Inspector, International Code Council, Certificate #5303792-P1
Certified Residential Mechanical Inspector, International Code Council, Certificate #5303792-M1

May 2016

Phone: (206) 622-2007 v Fax: (206) 622-2248

Training

- Numerous continuing education courses in mold investigation, mold risk analysis, health impacts and remediation, indoor air quality investigations, industrial hygiene assessments, construction defects, and moisture intrusion in buildings
- Lead hazard continuing education for inspection, remediation design, abatement, and regulatory updates
- Accredited asbestos training in inspection, management planning, project design, and remediation supervision
- Clean Air Amendments Compliance
- Water Quality and Wastewater Compliance

Professional Affiliations

American Industrial Hygiene Association (AIHA) - National and Pacific Northwest Section

Member
Environmental Committee
Vapor Intrusion Subcommittee

American Society for Testing and Materials (ASTM)

Member
F-13 Committee – Pedestrian/Walkway Safety and Footwear
F-50.02 Subcommittee – Environmental Assessment, Risk Management, and Corrective Action – Real Estate Assessment and Management

American Society of Civil Engineers (ASCE)

Member

Positions Held

Engineering Systems Inc., Seattle, Washington

Senior Consultant, 2016 - Present

MDE, Inc., Seattle, Washington

Vice President & Principal, 2003 - 2016

California Industrial Hygiene Services, Napa, California

Senior Project Manager, 2000 – 2001

EHS Compliance Management, Sugar Hill, California

Principal, 1998 – 2000

ATC Associates, Atlanta, Georgia

Director, 1998

AT&T, Atlanta, Georgia

Manager, Environment, Health & Safety, 1994 – 1998
Senior Consultant, Environment, Health & Safety, 1989 – 1994
Engineer, 1979 - 1989

Presentations

"Asbestos and Mold Removal: A Comparison," guest lecturer, University of California-Berkeley
Asbestos Project Designer Update Courses

Numerous presentations on indoor air quality, moisture, mold, construction defects, and water intrusion presented at seminars, professional associations and trade groups

Numerous seminars and training courses to AT&T employees on topics such as indoor air quality, environmental site assessments, asbestos, lead, disaster recovery and response, environmental and industrial hygiene concerns in buildings, spill prevention controls and countermeasures, ventilation, and recognition of occupational hazards