



CITY OF
BAINBRIDGE ISLAND

ENVIRONMENTAL TECHNICAL
ADVISORY COMMITTEE
REGULAR MEETING
THURSDAY, FEBRUARY 17, 2022
3:00 PM
VIA ZOOM WEBINAR

THE ENVIRONMENTAL TECHNICAL ADVISORY COMMITTEE
WILL HOLD THIS MEETING USING A VIRTUAL, ZOOM WEBINAR,
PER GOVERNOR INSLEE'S "STAY HOME, STAY HEALTHY" ORDERS

MEMBERS OF THE PUBLIC WILL BE ABLE TO CALL IN TO THE ZOOM MEETING

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/94158481864](https://bainbridgewa.zoom.us/j/94158481864)

TELEPHONE: 1-253-215-8782

WEBINAR ID: 941 5848 1864

AGENDA

CALL TO ORDER / ROLL CALL / ACCEPT OR MODIFY AGENDA / CONFLICT OF
INTEREST DISCLOSURE
3:00 PM

MEMBERS:	JANE HANNUKSELA	JUAN ROVALO
	DYLAN FRAZER	BEN HARRISON
	MELANIE KEENAN	MALCOLM GANDER
	CHARLIE KRATZER	BRIAN HARMON

COUNCIL LIAISON: JON QUITSLUND

COBI STAFF: MAUREEN WHALEN, HYDROGEOLOGIST

APPROVAL OF MINUTES – JANUARY 19, 2022 (5 MIN)

COUNCIL LIAISON REPORT – JON QUITSLUND (10 MIN)

CHAIR REPORT – CHARLIE KRATZER (20 MIN)

UPDATE ON GROUNDWATER MANAGEMENT PLAN (GWMP) PROCESS – MAUREEN WHALEN AND
CHARLIE KRATZER (50 MIN)

PUBLIC COMMENT (5 MIN)

ADJOURNMENT

Meeting Minutes
City of Bainbridge Island Environmental Technical Advisory Committee
January 19, 2022
Location: Zoom

Members Present:

Charlie Kratzer, Ben Harrison, Melanie Keenan, Malcolm Gander, and Dylan Fraser

Members Absent:

Brian Harmon, Juan Rovalo, and Jane Hannuksela

Meeting began at 3:04 pm.

Minutes from November 18, 2021, meeting approved by 5-0 vote.

Council Liaison Report (Jon Quitslund)

- This was Jon's first meeting as Council Liaison for ETAC
- Jon introduced himself and provided a perspective on his interest in being the liaison to ETAC

Chair Report (Charlie Kratzer)

- Charlie promised to get a list of bios for ETAC members to Jon ASAP
- Charlie reported on his ETAC activities since the last meeting on November 18th. These activities included meetings of the GWMP Advisory Committee on 12/13 and 1/10
- Charlie reiterated the membership in ETAC subcommittees (GWMP – Charlie, Melanie/Malcolm, and Juan; HMP review – Juan, Ben, and Brian)
- Charlie reminded Jon that it was about time for ETAC to present our 2021-22 activities and workplan to the Council
- Charlie asked Jon to keep ETAC in mind for involvement in other issues -- SMP review, Comp Plan, Stormwater Plan, and Suzuki (if it becomes an issue)
- Charlie asked Maureen if she was going to be the COBI Staff Liaison to ETAC and it was decided that she would be. ETAC also requested that Christian Berg be available for some ETAC meetings as well on an as-needed basis.

Update on GWMP process (Maureen Whalen)

- Maureen reported that there would be a makeup meeting of the GWMP Advisory Subcommittee on 1/24 because of technical difficulties during the 1/10 meeting
- Maureen reported that the Winter COBI Connects would include a discussion on the GWMP
- Maureen reported that the GWMP "kickoff" meeting would be on 3/2 5-6 p.m. on zoom
- Maureen reported that the COBI website project page for the GWMP is now live
- Maureen suggested that Engage Bainbridge website would be a good place for information about the GWMP as well
- Charlie asked about how COBI could solicit volunteer monitors for private wells
- Charlie suggested that COBI should use non-parametric statistics, such as the Seasonal Kendall test, for looking at trends

Meeting adjourned at 4:07 p.m.

ETAC members professional backgrounds

Charlie Kratzer (Chair)

Education and Licenses: BS, Civil Engineering (UC Davis); ME, Environmental Engineering (Univ Florida); PhD, Env Science and Engineering (UCLA); Professional Engineer (WA and CA)

Work Experience: Water Resources Engineer with State of California (Water Resources Control Board; Dept of Water Resources) (12 years); Hydrologist with US Geological Survey (18 years); Retired

Areas of Expertise: contaminant transport studies of pesticides and nutrients from application to rivers; trend analysis of water quality constituents and correlations with explanatory factors; surface water and groundwater interactions; water quality regulations

Benjamin Harrison

Education and Licenses: BA, Geology (Carleton College); PhD, Geochemistry (CalTech)

Work Experience: Research and Teaching Asst positions (Carleton; CalTech); Postdoc and Teaching (Univ Minnesota; Central Michigan Univ); Data Engagement and Access Project (Bainbridge Island)

Areas of Expertise: data and statistical analysis; environmental microbiology; geology and geochemistry; integrating multiple disciplines to resolve scientific questions; computer programming

Brian Harmon

Education and Licenses: BS, Aquatic and Fishery Sciences (Univ Washington); MS, Natural Resource Sciences (Univ Nebraska)

Work Experience: Fisheries Biologist (NOAA); Research Asst (Univ Nebraska); Water Planner (State of Nebraska, Dept of Natural Resources); Associate at Verdis Group

Areas of Expertise: data and statistical analysis; stream ecology; project management; computer programming

Dylan Frazer

Education and Licenses: BA, Geology (Whitman College); Registered Geologist (WA)

Work Experience: Senior Geologist at Landau Associates

Areas of Expertise: environmental investigations, remediation, and agency closure at petroleum-contaminated sites, landfills, and manufactured gas plants

Jane Hannuksela

Education and Licenses: BS, Geology (Tufts); MS, Oceanography (Univ New Hampshire); JD (Univ Wisconsin)

Work Experience: Oceanographer (NOAA); Lawyer (NOAA); Retired; volunteer citizen scientist (Kitsap County)

Areas of Expertise: oceanography; lawyer representing NOAA on environmental issues including fish protection at dams, fish habitat protection, hydropower licensing, and a variety of biological opinions

Juan Rovalo

Education and Licenses: BS, Biology (Universidad Nacional Autonoma de Mexico); MBA (Universidad Iberoamericana); MS, Biomimicry (Arizona State Univ); Professional Wetland Scientist

Work Experience: lecturer and researcher in Central America; founded a company to provide sustainable design; founded company (IN SITE) to provide ecological site analysis; Senior Ecologist and Integrated Design Specialist with BIOHABITATS, Inc.

Areas of Expertise: ecological conservation planning; ecological restoration; green infrastructure; urban ecology; regenerative design; biomimicry and biophilia

Malcolm Gander

Education and Licenses: BA, Geology and Journalism (George Washington Univ); MS, Geology (Colorado State Univ); PhD, Environmental and Natural Resource Sciences (Washington State Univ); Registered Geologist (WA, CA); Registered Hydrogeologist (WA)

Work Experience: environmental geologist and environmental project manager with various firms; Environmental Manager (Amazon Web Services); Remedial Project Manager (Navy)

Areas of Expertise: environmental site assessment; staff and project management; environmental document preparation; environmental policy

Melanie Keenan

Education and Licenses: BS, Geology (Colorado State Univ); Registered Geologist (WA); Registered Hydrogeologist (WA)

Work Experience: independent consulting geologist/hydrogeologist

Areas of Expertise: environmental document preparation; groundwater monitoring well network design; environmental site assessment; groundwater studies