



CITY OF  
BAINBRIDGE ISLAND

ENVIRONMENTAL TECHNICAL  
ADVISORY COMMITTEE  
REGULAR MEETING  
THURSDAY, MAY 19, 2022  
3:00 PM  
VIA ZOOM WEBINAR

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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/84066251038](https://bainbridgewa.zoom.us/j/84066251038)

TELEPHONE: 1-253-215-8782

WEBINAR ID: 840 6625 1038

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 – MARCH 17, 2022 (5 MIN)

COUNCIL LIAISON REPORT – JON QUITSLUND (15 MIN)

CHAIR REPORT – CHARLIE KRATZER (15 MIN)

REVIEW OF ETAC WORKPLANS – CHARLIE KRATER (15 MIN)

UPDATE ON GROUNDWATER MANAGEMENT PLAN (GWMP) PROCESS – MAUREEN WHALEN AND CHARLIE  
KRATZER (45 MIN)

PUBLIC COMMENT (5 MIN)

ADJOURNMENT  
4:40 PM

# Meeting Minutes

## City of Bainbridge Island Environmental Technical Advisory Committee

March 17, 2022

Location: Zoom

### **Members Present:**

Charlie Kratzer, Melanie Keenan, Malcolm Gander, Juan Rovalo, Ben Harrison, and Brian Harmon

### **Members Absent:**

Dylan Fraser and Jane Hannuksela

Meeting began at 3:04 pm

Minutes from February 17, 2022 meeting approved by 6-0 vote.

### Council Liaison Report (Jon Quitslund)

Council discussions on the following topics of interest to ETAC since last ETAC meeting:

- Winslow sewer system upgrade
- City Manager to do evaluation of solid waste management
- Biodigester
- Growth management discussions; continue with current 1 %/year as target
- Eco NW contracted to do long-range housing plan
- Restarting the Shoreline Master Plan process
- Comp Plan to be completed by the end of 2024

### Chair Report (Charlie Kratzer)

- Attended two meetings since last ETAC meeting – (1) GWMP kickoff meeting on March 2<sup>nd</sup>, and (2) GWMP working group meeting on March 14<sup>th</sup>

### Update on GWMP process (Maureen Whalen)

- Discussion of questions during the March 2<sup>nd</sup> GWMP kickoff meeting attended by 31 residents, as to what is or is not a part of the GWMP process
- Grouping stakeholders into three primary groups – (1) water providers, (2) water users, and (3) agencies and tribes

- Ben suggested that the Map Your Neighborhood captains can be a valuable resource for input on private wells

Meeting adjourned at 4:30 p.m.

## MEMORANDUM

**TO:** COBI City Council

**FROM:** Environmental Technical Advisory Committee (ETAC)

**DATE:** February 25, 2019

**SUBJECT:** Report on ETAC's 2018 Activities and 2019 Work Plan

### 2018 Activities

1. Proposal for development of a Groundwater Management Plan (GWMP) for Bainbridge Island
  - Development of a GWMP was in the 2016 Comp Plan – High Priority Water Resources Action #2 states: “Adopt an island-wide Groundwater Management Plan. Take actions necessary – capital improvements, code changes, etc. – to capture, clean and re-infiltrate as much stormwater as reasonably possible.”
  - ETAC began working on a background document in support of a GWMP in late 2017
  - After many iterations, ETAC submitted a 32-page document to the Council on 11/1/18
  - ETAC members presented the proposal to the Council at 11/6/18 meeting and answered questions
  - ETAC submitted a letter to the Council on 11/19/18 in support of a GWMP and retention of the COBI Water Resources Specialist position, along with a proposed budget for the GWMP
  - The Council approved of an ETAC proposal to develop a Groundwater Fact Sheet for Bainbridge Island at their 12/11/18 meeting
  
2. Review of Habitat Management Plans (HMPs)
  - ETAC has been asked to review HMPs occasionally in the past by COBI planners. The role of the ETAC reviews was never very clear in the past and ETAC requested more clarification on the review role in an email to COBI on 11/9/18. In response, COBI agreed to provide more lead time for ETAC to make a review and promised more follow-up after the review process. To facilitate their review process, ETAC set up a sub-group of 4 members to work on these reviews and include the COBI planner in their discussions.
  - Robbins HMP – ETAC was initially asked to review in October 2017. The project was changed and a new HMP was referred to ETAC in September 2018; ETAC had some questions and requested follow-up but there has been no response since.
  - Satoris HMP – ETAC was initially asked to review in August 2018, but there was no follow-up and a coordinated review did not happen.
  - Marks and Maione HMP – ETAC subgroup worked with the COBI planner and a coordinated review was submitted by ETAC on 11/15/18.

## **2019 Work Plan**

1. Groundwater Fact Sheet
  - Draft a 1-page (front and back) fact sheet
  - Get the draft reviewed by KPUD and USGS
  - Revise and submit to the Council for approval
  - Post on COBI website and print copies
2. COBI staff liaison
  - ETAC needs a replacement for Christy Carr, preferably a staff person with expertise in environmental issues
3. GWMP process
  - Help COBI in some way with the two-year hydrogeologist position and contracting out for modeling expertise
  - Coordinate a community kickoff event with COBI communications staff
  - Provide quarterly updates to the Council on the progress of the GWMP
4. Review HMPs
  - Coordinate with the new COBI natural resources specialist to provide outside reviews through the ETAC subgroup on HMP reviews
5. Review Suzuki plans (if requested by the Council)
  - Provide reviews of Suzuki development plans as requested by the Council, especially as follow-up to past ETAC work on Suzuki environmental issues
6. Provide information on stormwater treatment (if requested by the Council)
  - Provide technical information pursuant to the \$100K approved in the budget for a study of methods to remove contaminants from stormwater before it discharges to Puget Sound
7. Provide information on tertiary wastewater treatment (if requested by the Council)
  - Provide technical information pursuant to the \$100K approved in the budget for a study of methods to remove contaminants of emerging concern before they are discharged to Puget Sound

## **MEMORANDUM**

**TO:** COBI City Council

**FROM:** Environmental Technical Advisory Committee (ETAC)

**DATE:** January 9, 2020

**SUBJECT:** Report on ETAC's 2019 Activities and 2020 Work Plan

**STATUS:** Approved by ETAC at 1/9/20 meeting by 6-0 vote; emailed to Council on 5/21/20 by ETAC Chair; presentation and consideration of workplan by Council postponed by COVID shutdown; item was never discussed or approved by Council

### **2019 Activities**

1. Groundwater Fact Sheet
  - Drafted a 1-page (front and back) fact sheet
  
2. GWMP process
  - Reviewed COBI scope of work for the hiring process for the 2-year Hydrogeologist position and submitted comments to COBI
  - Subcommittee of Charlie Kratzer (chair), Melanie Keenan, Casey Schmidt, and Juan Rovalo
  
3. Provide information on tertiary wastewater treatment
  - Attended UAC meeting and provided comments for the tertiary treatment study
  
4. Review HMPs
  - No reviews requested by COBI
  - Subcommittee of Casey Schmidt (chair), Steve Saepoff, Karl Shearer, and Juan Rovalo

## 2020 Work Plan

### 1. Groundwater Fact Sheet

- Revise the draft fact sheet and submit to KPUD and USGS for review
- Revise the fact sheet based on review comments and submit to the Council for approval
- Post on COBI website and print copies

### 2. COBI staff liaison

- ETAC still needs a staff liaison from COBI, preferably a staff person with expertise in environmental issues

### 3. GWMP process

- Coordinate a community kickoff event with COBI communications staff
- Provide quarterly updates to the Council on the progress of the GWMP

### 4. Review HMPs

- Coordinate with COBI planning staff person to provide outside reviews through the ETAC subgroup on HMP reviews

### 5. Review Suzuki plans (if requested by the Council)

- Provide reviews of Suzuki development plans as requested by the Council, especially as follow-up to past ETAC work on Suzuki environmental issues

### 6. Provide information on stormwater treatment (if requested by the Council)

- Provide technical information pursuant to the \$100K approved in the budget for a study of methods to remove contaminants from stormwater before it discharges to Puget Sound

### 7. Provide information on tertiary wastewater treatment (if requested by the Council)

- Provide technical information pursuant to the \$100K contract approved in 2019 for a study of methods to remove contaminants of emerging concern before they are discharged to Puget Sound

**MEMORANDUM**  
**(1<sup>st</sup> cut draft)**

**TO:** COBI City Council

**FROM:** Environmental Technical Advisory Committee (ETAC)

**DATE:** May 19, 2022

**SUBJECT:** Report on ETAC's 2020-21 Activities and 2022 Work Plan

**STATUS:** On agenda for discussion/revision/approval at 5/19/22 ETAC meeting

**2020-21 Activities**

1. Groundwater Fact Sheet

- On 11/19/20, ETAC approved sending the GW Fact Sheet out to COBI Public Works for peer review by KPUD and USGS; it was transmitted to COBI Public Works on 12/3/20
- Peer review comments from KPUD (Joel Purdy), USGS (Wendy Welch), and COBI (Christian Berg) were transmitted to ETAC on 1/21/21 (KPUD and USGS) and 2/17/21 (COBI)
- ETAC subcommittee revised GW Fact Sheet and it was approved by ETAC on 2/18/21 and presented to Council on 4/27/21
- ETAC subcommittee revised GW Fact Sheet based on additional comments from Council and COBI staff and finalized on 5/21/21; Final GW Fact Sheet was highlighted in the City Manager's Report on 5/28/21 and added to the COBI website in June 2021

2. GWMP process

- On 2/27/20, ETAC approved having our 32-page document in support of the GWMP (finalized on 11/1/18) posted on the COBI website
- ETAC Chair made presentations about the GWMP process to BI Women's Club (1/16/20), BI Senior Center (10/14/20), and BI Watershed Council (5/20/21)
- On 9/16/21, ETAC provided feedback to Maureen Whalen (COBI Hydrogeologist) on her proposed 9/21/21 presentation to Council
- Starting in November 2021, ETAC subcommittee (Charlie, Melanie, and Malcolm) joined UAC (Andy Maron and Ted Jones) and CCAC (Mike Cox and Deb Rudnick) in monthly meetings with Maureen Whalen (group is called the GWMP Working Group)

3. Review HMPs



- Antibes HMP – received from COBI Planning on 12/30/19; ETAC subcommittee review was approved by ETAC on 2/27/20; review comments transmitted to COBI Planning on 3/10/20
- True Brown HMP – received from COBI Planning on 10/27/20; ETAC subcommittee review was approved by ETAC on 12/30/20; review comments transmitted to COBI Planning on 12/30/20
- Hoveida HMP – received from COBI Planning on 1/7/21; ETAC subcommittee review was approved by ETAC on 3/18/21; review comments transmitted to COBI Planning on 3/18/21

#### 4. Review Water Resource Inventory Area (WRIA) 15 draft report

- An ETAC subcommittee participated in discussions with COBI staff and a UAC subcommittee about a 450-page draft report on WRIA15 (Kitsap County) water resources, especially about potential projects for offsetting future impacts from additional permit-exempt wells on BI
- On 3/3/21, ETAC had a joint meeting with UAC about the draft WRIA15 report. As a result of the meeting, COBI staff requested clarification from the WRIA15 committee on the methodology used to project future permit-exempt wells on BI. Ultimately, the WRIA15 committee was unable to achieve unanimous support of the draft and the process reverted back to Ecology for completion.

#### 5. ETAC recommendations for American Rescue Plan Act (ARPA) funding

- In a 9/3/21 email from the City Manager, COBI requested input on how COBI should spend \$7M in ARPA funds. At 9/16/21 meeting, ETAC provided their recommendations for ARPA funding to the City Manager with the following top priorities: (1) culvert projects, (2) water system climate resiliency upgrades, including groundwater monitoring, (3) wastewater beneficial reuse, (4) wastewater treatment plant near-term capacity upgrades, and (5) stormwater projects.

## 2022 Work Plan

1. GWMP process
  - ETAC subcommittee (Charlie, Melanie, and Malcolm) will continue to participate in the monthly meetings of the GWMP working group with UAC (Andy Maron and Ted Jones) and CCAC (Mike Cox and Deb Rudnick) and COBI Hydrogeologist Maureen Whalen
  - Work with COBI staff to facilitate the development of the GWMP (as requested)
  
2. Review Habitat Management Plans (HMPs)
  - Coordinate with COBI planning staff to provide outside reviews through the ETAC subcommittee on HMP reviews (as requested)
  
3. Review Shoreline Master Program (SMP)
  - Provide reviews of the SMP (as requested)
  
4. Provide information on stormwater management and treatment (if requested by the Council)
  - Provide technical information pursuant to COBI studies/projects related to stormwater management and treatment on BI, with the goal of keeping more stormwater on BI to recharge the aquifers and to remove contaminants from stormwater before it recharges or discharges to Puget Sound
  
5. Provide information on tertiary wastewater management and treatment (if requested by the Council)
  - Provide technical information pursuant to COBI studies/projects related to tertiary wastewater management and treatment on BI, with the goal of removing contaminants as necessary to reclaim wastewater for irrigation or recharge on BI or before discharging to Puget Sound
  
6. Review Suzuki plans (if requested by the Council)
  - Provide reviews of Suzuki development plans as requested by the Council, especially as follow-up to past ETAC work on Suzuki environmental issues
  
7. Provide technical environmental support for any projects as requested by Council