



Environmental Technical Advisory
Committee Regular Meeting Thursday
October 17, 2024, 3:00 PM
Chamber Conference Room, City Hall
280 Madison Ave N
Bainbridge Island, WA

The Environmental Technical Advisory Committee will hold this meeting in person, in the City Hall Chamber Conference Room, 280 Madison Ave N, Bainbridge Island, WA
It is recommended that attendance be in person, but it is also accessible via the Zoom meeting platform.

<https://bainbridgewa.zoom.us/j/82237251377>

Webinar ID: 822 3725 1377
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Agenda for October 17, 2024, ETAC Meeting

Call to Order / Roll Call / Conflict of Interest Disclosure - 3:00 PM

Members: Melanie Keenan, Malcolm Gander, Dylan Frazer, and Ben Harrison

Council Liaison: Clarence Moriwaki

COBI Staff: Patricia Charnas – Director of Planning & Community Development
Renee Argetsinger - PCD Administrative Specialist

Approval of Agenda – October 17, 2024 - (5 min)

Approval of Minutes – April 18, 2024 and May 16, 2024 - (10 min)

Council Liaison Report – Clarence Moriwaki - (5 min)

Chair Report – Melanie Keenan - (5 min)

COBI Staff Comments - (5 min)

I. Discussion of the topics addressed at the Groundwater Management Subcommittee Meeting 9/12/24 on Status of Groundwater Model, which is a component of the forthcoming Groundwater Mgmt. Plan:
Given the three population impact scenarios with estimated population growth for low (84%=46,380), medium (125% = 56,780), and high (178% = 70,010)

ITEM #1: These three impact scenarios are significantly influenced by the two recharge scenarios under consideration (10 min):

0% recharge change

7.5% decrease in recharge

ETAC Chairperson Melanie will discuss problems with assuming a scenario of no change in recharge over next 100 years, i.e.:

- a decreased # of rainstorms with those storms being more intense will result in less recharge;

- BI surficial geology is > 75% low permeability compacted silt (Quaternary Vashon Till [QVT]), and this soil type will result in more runoff and less recharge during the extreme storm events;
 - Increased development will increase impervious surfaces, resulting in less recharge;
 - Increased construction of single-family residences with backyard lawns will result in lower permeability and less recharge due to the reworking and compaction of soils beneath structures and compaction beneath lawn areas;
 - Mauger et al. 2015 (U of WA Climate Action Group) and Ecology 2016 (Publication 16-03-006) contain text and references (e.g., Taylor et al. 2013) refuting the notion that increased recharge will occur on BI going forward.
- After ETAC members voiced the above position questioning the viability of a future 15% increase in recharge, the consultant conceded that they would “probably” establish the final modeling scenario with a decrease in recharge in the future 100 years.

ITEM #2: ETAC members pointed out that 11 of the 14 perennial streams on BI (e.g., Spring Brook, Schel-Chelb, Cooper, Manzanita and Issei) all have been experiencing decreasing water levels (Herrera 2022a; Herrera 2022b). All streams on BI are fed by groundwater. Therefore, this serves as empirical evidence that recharge is already decreasing on BI. Groundwater model updates by Aspect in 2016 and 2023 both predicted future decreases in stream levels in the 12 basins on BI in the range of 15 – 58% (10 min).

ITEM #3: ETAC members pointed out that the approach used by COBI’s consultant to estimate individual resident daily water consumption via Equivalent Residential Units (ERU) was flawed, and not representative, by virtue of the fact that the consultant ignored KPUD Group A Water System ERU data from South Bainbridge , and also used an off-island data source (from Bremerton) to derive a BI ERU (10 min).

ITEM #4: 2024 Comprehensive Plan Periodic Update and Winslow Subarea Plan Update - DEIS Road Show (10 min)

2. Next Meeting Planning (5 min): November 15

3. For the Good of the Order (5 min)

4.Public Comment (5 min)

5.Adjournment (4:25 pm)



Environmental Technical Advisory
Committee Regular Meeting Thursday
April 18, 2024, 3:00 PM
Chamber Conference Room, City Hall
280 Madison Ave N
Bainbridge Island, WA

Minutes for April 18, 2024, ETAC Meeting

Call to Order / Roll Call / Conflict of Interest Disclosure - 3:10 PM

Members Present: Melanie Keenan, Malcolm Gander, Ben Harrison,
Absent: Dylan Frazer, and Brian Harmon

Council Liaison: Clarence Moriwaki - present

COBI Staff: Patricia Charnas – Director of Planning & Community Development
Renee Argetsinger - PCD Administrative Specialist

Approval of Agenda – April 18, 2024 - Harrison/Gander - unanimously approved

Approval of Minutes – March 21, 2024 - Gander/Harrison - unanimously approved

Council Liaison Report – Clarence Moriwaki - Approval of work plan was done by City Council last Tuesday.

COBI Staff Comments – Director Charnas offered a status report on the EIS for Comp Plan and Winslow Subarea Plan. The current focus for the department is on meeting the requirements of SB5290 and HB1293.

Chair Report – Melanie Keenan – provided details of the changes made to the ETAC work plan. Discussion followed about the ETAC role and policy.

1. **Finalized Work Plan** will be submitted to City Council (CC) by Melanie (ETAC Lead) at 4/16/24 CC Study Session.
Discussion only.
2. **Groundwater Management Plan (GWMP), Subcommittee Update** regarding ongoing analysis of the BI Groundwater Modeling updates by COBI's consultant EA, and highlights from the last GWMP Subcommittee meeting on April 8.
Discussion only.
3. **Wyckoff Superfund Site construction plans. Discussion only.**
4. **PFAS Maximum Contaminants Levels (MCLs) for drinking water set by EPA. Discussion only.**
5. **Next Meeting Planning - GWMP. Discussion only.**
6. **For the Good of the Order** - Update regarding the PSE outage: about 1000 customers affected, power went out twice during this meeting.
7. **Public Comment** – No public comment was made.
8. **Adjournment** at 4:26 PM



Environmental Technical Advisory
Committee Regular Meeting Thursday
May 16, 2024, 3:00 PM
Chamber Conference Room, City Hall
280 Madison Ave N
Bainbridge Island, WA

Meeting Minutes for May 16, 2024, ETAC Meeting

Call to Order / Roll Call / Conflict of Interest Disclosure - 3:09 PM

Members Present: Melanie Keenan, Malcolm Gander, and Ben Harrison,
Members Absent: Dylan Frazer and Brian Harmon

Council Liaison: Clarence Moriwaki present

COBI Staff: Patricia Charnas – Director of Planning & Community Development (present via Zoom)
Renee Argetsinger - PCD Administrative Specialist

Approval of Agenda – Agenda for May 16, 2024, ETAC Meeting

Motion: I move to approve the May 16, 2024, agenda, as amended to include 1. ETAC membership and 2. New “Action” Meeting Minutes.

Gander/Harrison, unanimously approved.

Approval of Minutes – April 18, 2024 - Tabled until next meeting because there needs to be a clear understanding of “Action Only” meeting minutes.

Council Liaison Report – Clarence Moriwaki – Nothing to report from City Council for ETAC.

COBI Staff Comments - No staff comments

Chair Report – Melanie Keenan - No separate report, move to agenda items.

1. **Recording Meeting Minutes** – need to understand the new structure of “Action Only” recording of Meeting Minutes
Action: Chair to review City Council Meeting Minutes to see how action minutes are recorded.
2. **Management Plan (GWMP): Discussion of 4/24/24 Presentation by Public Works Director (C. Wierzbicki) on Status of Groundwater Model, which is a component of the forthcoming GWMP, Appendix A**
Action: Follow-up with Public Works Director – Chris Wierzbicki on GWMP, Recharge and the models used.
3. **SEPA Environmental Impact Statement (EIS) for Comprehensive Plan Update, Winslow Subarea Plan, EA Consultants, Appendix B**
Action: Discussion Only
4. **ETAC Committee** - ETAC committee - recruiting new membership and webpage updates
Action: Follow-up with Deputy City Manager – Ellen Schroer on ETAC status. Work with staff to update ETAC webpage on COBI website. Current ETAC members to recruit qualified individuals to ETAC.
5. **Next Meeting Planning** –
Action: Update on ETAC recruiting efforts, discuss response from Public Works Director – Chris Wierzbicki and EA.
6. **For the Good of the Order** – From committee member Ben Harrison: Suggested that the committee review Short-term Drought Emergency Information and Water Conservation Measures that just came out and possibly make

recommendations for COBI.

7. **Public Comment** - Charlie Kratzer, on behalf of the Suquamish Tribe, made public comment supporting the GWMP Technical Advisory Committee and ETAC and encourages the City Council and COBI Staff to continue supporting both committees.
8. **Adjournment at 4:29 PM**

DRAFT