

# Edison Subarea Advisory Board

## April 2026 Meeting Packet

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## 5. Approval of Meeting Minutes

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# Edison Subarea Advisory Board

## March 2026 Meeting Minutes

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Date: Wednesday, March 25, 2026

Time: 5:00 – 6:30 pm

Location: Edison Elementary School

### 1. Call to Order

The meeting was called to order at 5:02 pm, Wednesday, March 25, 2026, by the ESAB Chair, Bernie Alonzo

### 2. Roll Call /Attendance

Bernie Alonzo, Tom Skinner, Scott Mangold, Lavelle Pilon, Don Erickson.

### 3. Public Comment

There was no public in attendance

### 4. Approval of Agenda

Approval of Agenda: Moved - Bernie, 2<sup>nd</sup> - Scott. All in favor, agenda approved.

### 5. Approval of Minutes

With one correction to the DRAFT minutes--Department of Ecology Grant Manager was seeking the Capacity Plan, not the Ground Water Sampling Plan--the February Minutes were approved

Approval of Minutes: Moved - Bernie, 2<sup>nd</sup> - Tom. All in favor, meeting minutes approved.

### 6. Reports

#### **SPECIAL REPORT:**

At the outset of tonight's meeting, Tom informed us that Darryl Kvistad had passed away the night before. His years-long commitment to the Sewer Board was honored. His contributions to our community as a schoolteacher, volunteer fireman and long-term resident were noted. He will be missed.

## *Administrative Report*

Bernie confirmed that all attendees had received the updated Calendar as an email link, noting that it is accessible as a shared Google Document.

With a full meeting agenda, tonight he will be contributing Administrative Reporting throughout the meeting during each specific agenda item.

## *Special Projects Report*

See County Liaison Report, below.

## *Maintenance Report*

Mike Tamman, representing the Dran Doctor, was not in attendance. No Report.

## *Operator Report*

The sampling results continue to look good this month.

On March 20, flow was 17,000 gallons. With 3 zones off due to water table, we did not need to utilize the overflow trench. Generally, there was a 37,000 gallon reduction in FLOW from February to March. Approximately 1,000 gpd less. This observation indicates that the efforts to reduce Inflow and Infiltration (I&I) have been effective.

## *Permit Requirement: Groundwater Sampling Plan*

Don noted that he had an email discussion with the Ecology permit manager, Dave Matthews. Dave emailed to check on the Ground Water Monitoring Plan. The plan was submitted in September 2024 by Erin Langley, Senior Water Resources Planner, Skagit County. Dave stated that the monitoring will need to start within 90 days of receipt of his upcoming letter to comply with the permit requirements. He requested one more well to be monitored in addition to those on the original plan. He would like to see 2 rounds of results (1 per quarter, each of the next 2 quarters) prior to writing our new discharge permit.

The Board discussed who would perform the monitoring, possibly Public Works, likely privately contracted. For each sampling time, each well will require 3 purges and time to recharge prior to sample collection. The purging requires specialized equipment that the system does not own. If one of the system vendors or another qualified individual is available to do the sampling, the ESAB may consider purchasing the equipment. Ideally the sampling can be completed in one day's work.

The Board discussed that the initial results may provide adequate data to demonstrate that this permit requirement is unnecessary. It remains unclear what

Ecology is seeking to determine with this sampling requirement, especially in light of the extensively detailed groundwater study that they have already performed.

## *County Liaison Report*

### **UV Treatment System Replacement Project**

There will be a video meeting on April 7 with G&O. In addition to County representatives, Jess, Bernie and Don will attend.

The question of Grant funding for the electrical upgrades may have a solution in that the power to the Plant, while located in the school's bus barn, has it's own dedicated breaker panel.

We should have a final report from G&O in April and ideally start the bidding process soon after. Bernie and Lavelle both expressed that we believe our timeline for project completion can be expedited relative to the schedule provided in the G&O report.

We did review the draft report. Lavelle has concerns about some Contract components in the G&O report. There were general concerns about listed expenses not matching the project. i.e. no demolition is required, no temporary disinfection required, too high of a contingency for a 90% design report.

The following were noted to be discussed in the video meeting: Realistic Budget, Revised Completion Schedule (target August 2026), Add Meter to measure UVT. Bernie requested Lavelle work with Erin on the specifics of these changes and clarifications. Then, prior to video meeting have a group consensus and information sharing meeting to plan.

### **FINANCES**

Lavelle noted that the grant expenditures for 2026 on the Revenue/expense reporting have been pulling 2025 data in error. Issue has been corrected for all further reports.

Eurofins billing amount is now correct.

Drain Dr.'s supplemental contract to complete the pump work is now active.

## **7. Unfinished Business**

Newsletter editing and ideas were discussed. Final draft to be provided at April meeting.

Bernie presented a mockup of a website layout. Discussion centered on who would manage the site and how many people might use it. Lavelle shared that the County is changing to a new web platform. We may hold off on expanding our web presence until we see the new setup.

We should adopt a file naming standard now so when the time comes, we have good searchability by file name.

Tom is going to look into how the future connections/ADU's have been charged and where we need to make corrections. The ESAB will work with Treasurer and Assessor to ensure we are accurate. We also need to discuss the transferability of the future connections. There may be code or policy corrections necessary to clarify how the future shares are transferred, recorded, and assessed for maintenance fees or conversion to a connection.

Bernie is running point on follow-up on ESAB operating procedures, policy, and code with County legal staff and cleaning up Board Policy

These 2 items are moved from 'new business', though have not been addressed at length:

- Climate influence and the future longevity of the system
- What is the role of the ESAB

## 8. New Business

To address this year:

With Darryl's passing, we need to fill his seat on the Board.

## 9. Announcements

The next ESAB meeting will be held at the Teacher / Staff Room of the Edison Elementary School at 5:00 pm, Wednesday, April 22, 2026.

## 10. Adjournment

Motion to adjourn at 7:00 pm. Moved: Bernie, second: Scott, approved: all. Meeting ends.

## 6. Reports

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# 6A – Administrative Report

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## Monthly Update

I have a few updates this month and can follow up the updates with discussion during the agenda items.

Scott and I discussed deferring the newsletter discussed at the March meeting and sending a letter to the community in April noting Darryl's passing, his long service with the school, fire department, and ESAB. We will include a note about the need to fill the ESAB position. The newsletter will go out the following month (May).

Please actively consider community members who you think would be a positive contributor to the ESAB and be prepared to discuss the position, responsibilities, and value the ESAB brings to the town.

On April 7, Lavelle, Erin, Don, Jess, and I met with the G&O team. G&O presented the report and confirmed that they will make the changes to the engineering report discussed at the last ESAB meeting with modifications as noted below, including:

- G&O and Erin Langley will review the terms of the grant agreement to confirm the following procurement processes are acceptable and the project elements will remain grant eligible
  - Assume that the County will contract directly with the UV system vendor due to the proprietary nature of the treatment equipment
  - There is no demolition scope, however, there is existing equipment that must be removed and disposed
  - The budget contingencies will be reduced reflecting the level of engineering completion of the final report. Offsetting that downward pressure, the nature of a replacement project and the small total budget suggests retaining a bit more contingency budget for the unknown than would otherwise be appropriate at final design.
  - The electrical scope for the previously presented option 3 will be added to the report and form the basis of design requirements. The scope will be performed under an existing on-call agreement for electrical work and include the panel upgrades, conduits and feeders, connections, and controls
  - The report will include the addition of a UVT meter to the system
- The schedule will be compressed to reflect reduced bidding and contract prep time and simple equipment replacement

- The budget in the report will be reduced to significantly – based on discussions during the call, the budget will be recalculated and should fall between \$60,000 to \$80,000

In mid-April, Tom and I chatted about the outstanding “future” sewer shares. Tom will walk us through his findings. We can discuss what, if any “policy” changes we may need to clarify aspects of the connections that are ambiguous or not addressed by the foundational code, SCC 12.64.

Dave Matthews sent the letter, dated April 2, accepting the modified groundwater sampling plan. This means the system is on the clock to have started the GWMP by July 2 (90 days). Lavelle, Don, and I had an email discussion concerning options for implementing the sampling. To remain compliant and to get two rounds of sampling accomplished in 2 quarters of 2026, we need to get the sampling going no later than September. Ideally, we can capture a dry quarter and a wet quarter – Q3/July and Q4 October – so that we have time to compile the data and respond to any Ecology comments before the end of the year. We will discuss in more detail in unfinished business, Item 7.A.c.

Recent and upcoming deadlines from the annual planning calendar:

<b>Item</b>	<b>Due Date</b>	<b>Action By</b>
Permit Compliance: ECY Form 1A	April 15, 2026	Lavelle
Special Project: UV replacement Final G&O Report	April/May	Erin
Grant Management: FEATS Report	April, 2026	Erin
ESAB Actions: Futures Share Reconciliation – Initial Findings	April 22, 2026	Tom
Special Project: UV Replacement Permits (DOH)	May, 2026	Erin
ESAB Actions: Futures Share Reconciliation – Review with County Staff (Assessor?)	May, 2026	Tom
ESAB Actions: Futures Share Reconciliation – Hand-off results to Rate Committee	June, 2026	Tom
ESAB Actions: 2027 Annual Planning Calendar Session 1	June, 2026	Bernie
County Actions: New Maintenance Contract Check-in w/ ESAB	June, 2026	Lavelle
Special Project: UV Replacement Final Design (G&O)	July	Erin
Grant Management: FEATS Report	July	Erin
ESAB Actions: Update Rates	July	Scott
Special Project: UV Replacement Final Design and Contracts Approval	August	SC BOCC
ESAB Actions: Recommend Rates	August	Scott

# Edison Subarea Advisory Board

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## 2027 Meeting Schedule

The Edison Subarea Clean Water District Advisory Board meets monthly, generally, on the **fourth Wednesday of each month** from **5:00 to 6:00 PM** at **Edison School in the Teacher/Staff Room**. The **November and December meetings are scheduled on the third Wednesday of the month** due to the Thanksgiving and Christmas holidays.

Meetings are open to the public and public comment is welcome. Written comments may be directed to:

**ATTN:** Edison Subarea Clean Water District  
**C/O:** Skagit County Planning and Development Services  
1800 Continental Place  
Mount Vernon, WA 98273

Or via email at **PDS@co.skagit.wa.us**  
(Please include *Edison Subarea Clean Water District* in the subject line.)

The meeting schedule for **2027** is:

- Wednesday, January 27, 2027 — 5:00 PM
- Wednesday, February 24, 2027 — 5:00 PM
- Wednesday, March 24, 2027 — 5:00 PM
- Wednesday, April 28, 2027 — 5:00 PM
- Wednesday, May 26, 2027 — 5:00 PM
- Wednesday, June 23, 2027 — 5:00 PM
- Wednesday, July 28, 2027 — 5:00 PM
- Wednesday, August 25, 2027 — 5:00 PM
- Wednesday, September 22, 2027 — 5:00 PM
- Wednesday, October 27, 2027 — 5:00 PM
- Wednesday, November 17, 2027 — 5:00 PM (third Wednesday)
- Wednesday, December 15, 2027 — 5:00 PM (third Wednesday)

Additional information about the Edison Subarea Clean Water District can be found on the Skagit County website at:

<https://www.skagitcounty.net/Departments/PlanningAndPermit/edisonsubarea.htm>

The Edison sewer system functions as a community septic system. Useful information about septic system care can be found on the Skagit County Public Health website:

<https://www.skagitcounty.net/Departments/HealthEnvironmental/septicmart.htm>

# 6B – Maintenance Report

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**Edison Sub-Area  
Commercial Septic Tank Levels**

Date: 4/8/26  
Technicians: JS JW SC

Business/ Site #	Inlet Skum	Inlet Sludge	Outlet Skum	Outlet Sludge	Pumping Needed
<u>Edison Café#20</u>	<u>1 1/2"</u>	<u>10"</u>	<u>SCATT</u>	<u>10"</u>	<u>NO</u>
<u>Longhorn Saloon#30</u>	<u>16"</u>	<u>8"</u>	<u>2"</u>	<u>10"</u>	<u>yes</u>
<u>EAST The Bread Farm # 31</u>	<u>SCATT</u>	<u>10"</u>	<u>SCATT</u>	<u>8"</u>	<u>no</u>
<u>Tweets#32</u>	<u>2"</u>	<u>9"</u>	<u>1"</u>	<u>3"</u>	<u>NO</u>
<u>Mariposa#36</u>	<u>Scatt</u>	<u>11"</u>	<u>0"</u>	<u>6"</u>	<u>NO</u>
<u>Old Edison Inn #37</u>	<u>2"</u>	<u>9"</u>	<u>1"</u>	<u>14"</u>	<u>yes</u>

\* Performed Quarterly - All levels in inches

**Scott sent email to the business owners alerting them to the need to pump their tanks.**

**Edison Sub-Area**  
**Grease Trap Levels**

Date: 4/8/24  
Technicians: JS JW SC

Business/ Site #	Inlet Skum	Inlet Sludge	Outlet Skum	Outlet Sludge	Pumping Needed
<u>Edison Café#20</u>	<u>SCATT</u>	<u>10"</u>	<u>1"</u>	<u>12"</u>	<u>no</u>
<u>Longhorn Saloon#30</u>	<u>SCATT</u>	<u>6"</u>	<u>SCATT</u>	<u>6"</u>	<u>no</u>
<u>The Bread Farm#31</u>	<u>3" Flock</u>	<u>3" Flock</u>	<u>0</u>	<u>8" Flock</u>	<u>no</u>
<u>Tweets#32</u>	<u>1"</u>	<u>9" Flock</u>	<u>1"</u>	<u>10" Flock</u>	<u>no</u>
<u>Mariposa#36</u>	<u>SCATT</u>	<u>10"</u>	<u>0"</u>	<u>9"</u>	<u>NO</u>
<u>Old Edison Inn #37</u>	<u>1"</u>	<u>11"</u>	<u>1"</u>	<u>11"</u>	<u>no</u>

\*Performed Quarterly - All Levels in inches







# 6C – Operations Report

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Wastewater Services, LLC

March 31, 2026

## Edison WWTF Operators Report

March 3<sup>rd</sup>, collected monthly samples for lab analysis, the flow was 6372 gallons, and the return rate was 6.1:1. The recirculating tank pH was 6.6, and effluent pH was 6.5. I inspected the site, was unable to see any ponding on the gravel filters by sight or smell and could hear the recirculating gravel filter pumps cycle. A visual inspection of the recirculating ball valve was found to be functioning correctly, and the facility is clean and well kept.

March 18<sup>th</sup>, the lab analysis showed a fecal count of 2.0 MPN/100ml and a 53% reduction in TSS and an 81% reduction in BOD. All were found to be within the expected range.

March 30<sup>th</sup>, cleaned the UV lamps, recirculating ball valve and a visual inspection of both appeared to be functioning correctly. The flow was 5460 gallons, and the return rate was 8.92:1, I was unable to observe any ponding on the gravel filters by sight or smell and could hear the recirculating gravel filter pumps cycle. I checked the solids level in the secondary settling tank and found 1.75' and 1.0', last cleaned on 3/10/26 by the maintenance contractor.

Because of extended periods of heavy rain, high tides, and high ground water table. Which resulted in several drain fields shutting down on high water level alarms, then restarting hours or days later when the water table dropped. As per the permit, S2.A. *"The Permittee must report when drain field zones are shut off. The Permittee must include the date, amount of time, and drain field number and zone in the notes section in the monthly DMR."* This was reported on the March DMR.

Sincerely,

*Don Erickson*

WWTP Operator  
360-672-5378

# 6D – Special Projects Report

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# 6E - Financial Report

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# EDISON SUBAREA

Edison Rev and Exp vs Budget

Report Format 012

Period 3 ending March 31, 2026

Transaction status 1  
Rounding to Whole Dollars

Fnd 150	EDISON CLEAN WTR DIST. SUBA Dpt 0082	EDISON CLEAN WTR DIST. SUBA	Current	YTD	2026	Amount	Percent
			Actuals	Actual	BUDGET	Available	Available
Div 000	<b>EDISON CLEAN WTR DIST. SUBAREA</b>						
Typ 003	<b>REVENUES</b>						
150 382001870	ECWDS OPERATING ASSES		14,071-	14,071-	90,858-	76,787-	84.5
150 382006111	ECWDS INVESTMENT INTE		2,671-	2,671-	12,000-	9,329-	77.7
			-----	-----	-----	-----	-----
Typ 003	REVENUES		16,742-	16,742-	102,858-	86,116-	83.7
Typ 005	<b>EXPENDITURES</b>						
150 582001100	ECWDS SALARIES AND WA		614	614	13,035	12,421	95.3
150 582002100	ECWDS SOCIAL SECURITY		21	21	997	976	97.9
150 582002200	ECWDS RETIREMENT		16	16	727	711	97.8
150 582002300	ECWDS LABOR AND INDUS		1	1	37	36	97.0
150 582002400	ECWDS MEDICAL		73	73	2,880	2,807	97.5
150 582002900	ECWDS UNEMPLOYMENT CO		3	3	164	161	97.9
150 582004110	ECWDS PROFESSIONAL SE		14,699	14,699	70,414	55,715	79.1
150 582004128	ECWDS PROF SVCS - OTH		33	33		33-	
150 582004810	ECWDS REPAIRS AND MAI		4,654	4,654	6,500	1,846	28.4
150 582004910	ECWDS MISCELLANEOUS				35	35	100.0
150 582006410	ECWDS EQUIPMENT > \$5,		5,917	5,917	9,000	3,083	34.3
			-----	-----	-----	-----	-----
Typ 005	EXPENDITURES		26,032	26,032	103,789	77,757	74.9

# EDISON DOH GRANT

Edison Rev and Exp vs Budget

Report Format 012

Period 3 ending March 31, 2026

Transaction status 1  
Rounding to Whole Dollars

Fnd 150 EDISON CLEAN WTR DIST. SUBA Dpt 0082 EDISON CLEAN WTR DIST. SUBA		Current	YTD	2026	Amount	Percent
		Actuals	Actual	BUDGET	Available	Available
Div 001	<b>PUGET SOUND ACTION AGENDA</b>					
Typ 003	<b>REVENUES</b>					
150 382016612	PSAA EPA-PUGET SOUND	406	406	184,365-	184,771-	100.2
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Typ 003	REVENUES	406	406	184,365-	184,771-	100.2
Typ 005	<b>EXPENDITURES</b>					
150 582011100	PSAA SALARIES AND WAG	618	618	5,394	4,776	88.5
150 582012100	PSAA SOCIAL SECURITY	30	30	412	382	92.6
150 582012200	PSAA RETIREMENT	23	23	301	278	92.4
150 582012300	PSAA LABOR AND INDUST	1	1	12	11	90.2
150 582012400	PSAA MEDICAL	102	102	960	858	89.4
150 582012900	PSAA UNEMPLOYMENT COM	5	5	68	63	92.3
150 582014110	PSAA PROFESSIONAL SER	14,545	14,545	100,000	85,455	85.5
150 582014430	PSAA LEGAL PUBLICATIO			500	500	100.0
150 582016410	PSAA EQUIPMENT > \$5,0			68,000	68,000	100.0
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Typ 005	EXPENDITURES	15,325	15,325	175,647	160,322	91.3
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Fnd 150	EDISON CLEAN WTR DIST. SUBAREA	25,021	25,021	7,787-	32,808-	421.3
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	Report Final Totals	25,021	25,021	7,787-	32,808-	421.3
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# Transaction Detail Report - Actuals Status 1

26/04/15-15:24

Skagit County - (FY26 PROD Dataset)

April 15 2026 Page 1

GL789

Transaction Detail Report - Actuals

Status 1

For Date Range 03/01/2026 to 03/31/2026

SS	Ident	Batch	Sheet	Seq	Stat	Per	Date	Description	Trans Amount	Bal Forward
150	582001100	ECWDS SALARIES AND WAGES								303.75
	PA 8108	S R	PRL 112506	62	1	2	3 03/25/26	PILON, LAVELLE	189.24	
	PA 7740	S R	PRL 112506	53	1	2	3 03/31/26	LANGLEY, ERIN	26.12	
	PA 8108	S R	PRL 112506	65	1	2	3 03/31/26	PILON, LAVELLE	94.62	
			Period	Total		03			309.98	613.73
150	582002100	ECWDS SOCIAL SECURITY								12.49
	PA	S R	PRL 112358	80000	2487	2	3 03/10/26	ECWDS SOCIAL SECURITY	8.65	
			Period	Total		03			8.65	21.14
150	582002200	ECWDS RETIREMENT								9.44
	PA	S R	PRL 112358	80000	2488	2	3 03/10/26	ECWDS RETIREMENT	6.57	
			Period	Total		03			6.57	16.01
150	582002300	ECWDS LABOR AND INDUSTRIES								0.72
	PA	S R	PRL 112358	80000	2489	2	3 03/10/26	ECWDS LABOR AND INDUSTRIES	0.39	
			Period	Total		03			0.39	1.11
150	582002400	ECWDS MEDICAL								36.23
	PA	S R	PRL 112358	80000	2490	2	3 03/10/26	ECWDS MEDICAL	37.20	
			Period	Total		03			37.20	73.43
150	582002900	ECWDS UNEMPLOYMENT COMPENSATIO								2.17
	PA	S R	PRL 112358	80000	2491	2	3 03/10/26	ECWDS UNEMPLOYMENT COMPENSATIO	1.32	
			Period	Total		03			1.32	3.49
150	582004110	ECWDS PROFESSIONAL SERVICES								9238.00
	AP 615291 35287	BAYHILL WAS A/P	158034	1	1	2	3 03/09/26	BAYHILLWASTE C20250066 A202600	870.00	
	AP 615575 10947	THE DRAIN D A/P	158034	3	1	2	3 03/09/26	DRAIN DOCTOR C20250636 PO# PL2	3687.00	
	AP 615763 35249	EUROFINS EN A/P	158175	1	1	2	3 03/18/26	EUROFINS C20230430 SKA13	904.00	
			Period	Total		03			5461.00	14699.00
150	582004128	ECWDS PROF SVCS - OTHER								22.58
	GL 050191	INI 105019		1	433	2	3 03/01/26	SymPro Inv # 15000 Earnings Al	10.52	
			Period	Total		03			10.52	33.10
150	582004810	ECWDS REPAIRS AND MAINTENANCE								4654.42
150	582006410	ECWDS EQUIPMENT > \$5,000								0.00
	AP 615509 12778	PUMPTECH LL A/P	158034	4	1	2	3 03/09/26	PUMPTECHLLC Single Purchase -	5916.54	
			Period	Total		03			5916.54	5916.54
Total Debits :		11,752.17		Total Credits :		0.00				



# Transaction Detail Report - Actuals Status 1

GRANT

26/04/15-15:25

Skagit County - (FY26 PROD Dataset)

April 15 2026 Page 1

GL789

Transaction Detail Report - Actuals

Status 1

For Date Range 03/01/2026 to 03/31/2026

SS	Ident	Batch	Sheet	Seq	Stat	Per	Date	Description	Trans Amount	Bal Forward
150	582011100	PSAA SALARIES AND WAGES								252.75
	PA 7740	S R PRL 112396	67	1	2	3	03/15/26	LANGLEY, ERIN	156.72	
	PA 7740	S R PRL 112506	54	1	2	3	03/31/26	LANGLEY, ERIN	208.96	
		Period Total			03				365.68	618.43
150	582012100	PSAA SOCIAL SECURITY								18.72
	PA	S R PRL 112487	80000	2546	2	3	03/25/26	PSAA SOCIAL SECURITY	11.60	
		Period Total			03				11.60	30.32
150	582012200	PSAA RETIREMENT								14.11
	PA	S R PRL 112487	80000	2547	2	3	03/25/26	PSAA RETIREMENT	8.75	
		Period Total			03				8.75	22.86
150	582012300	PSAA LABOR AND INDUSTRIES								0.70
	PA	S R PRL 112487	80000	2548	2	3	03/25/26	PSAA LABOR AND INDUSTRIES	0.48	
		Period Total			03				0.48	1.18
150	582012400	PSAA MEDICAL								67.20
	PA	S R PRL 112487	80000	2549	2	3	03/25/26	PSAA MEDICAL	34.57	
		Period Total			03				34.57	101.77
150	582012900	PSAA UNEMPLOYMENT COMPENSATION								3.15
	PA	S R PRL 112487	80000	2550	2	3	03/25/26	PSAA UNEMPLOYMENT COMPENSATION	2.06	
		Period Total			03				2.06	5.21
150	582014110	PSAA PROFESSIONAL SERVICES								0.00
	AP 615370 C0382	GRAY & OSBO A/P	158034	2	1	2	3	03/09/26	C20250255 PO# PL5525	2423.12
	AP 615779 C0382	GRAY & OSBO A/P	158175	2	1	2	3	03/18/26	C20250255 PO: PL5525	12122.17
		Period Total			03				14545.29	14545.29
Total Debits :		14,968.43	Total Credits :		0.00					

# 7 – Unfinished Business

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## A. Annual Agenda Items

- a. Letter of recognition for Darryl and newsletter
- b. Outstanding sewer shares
- c. Groundwater monitoring plan implementation

## 7.A.b. - SCC 12.64.100 & 130 - EXHBIT

and/or user of the property shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of dates, and means of disposal that are subject to review by the Board. A currently licensed waste disposal firm must perform any removal and handling of the collected material.

(6) Septic Tanks. The property owner and/or user is financially responsible for septic tank pumping at whatever frequency may be mandated by usage. Representatives of the Edison Subarea shall inspect each residential septic tank at a minimum of once every three (3) years. Each commercial septic tank shall be inspected a minimum of once annually. The Advisory Committee shall adopt standards for septic tank pumping. If in the opinion of the Advisory Committee pumping is required, the property owner will be notified in writing and shall arrange to have the septic tank pumped, at the owner's cost, within thirty (30) days. The property owner and/or user will be responsible for notifying the representatives of the Edison Subarea in advance of the pumping schedule so that a representative has the opportunity to be present during pumping. If the property owner and/or user does not pump within the thirty (30) day time period, the Advisory Committee will arrange to have the tank pumped and will present the property owner with a bill for pumping in an amount of one hundred ten (110) percent of the pumping costs. If not paid, then the cost shall be added to the subsequent year's tax assessment.

(7) Wastewater Sampling Port. When required by the Advisory Board, the owner of any property to be served by a new connection of a building sewer carrying commercial wastes into the Edison Subarea community sewer system shall install a suitable sampling port immediately downstream of the grease interceptor tank and also immediately downstream of the septic tank in the side sewer to facilitate observation, sampling and measurement of the flow and strength of the wastes. The structure shall be installed by the owner at the owner's expense, but shall be subsequently owned and maintained by the Edison Subarea so as to be safe and accessible at all times to the Advisory Board's designee.

(8) Wastewater Testing. All measurements, tests and analyses of wastewater shall be from samples obtained at a control structure or other location as approved by the Advisory Board. Such tests and analyses shall be performed by an appropriately certified independent testing laboratory. Water volumetric testing can utilize portable flow meters as well as water use data from the potable water system. If tests are initiated by the Advisory Board, the Subarea shall pay the costs associated with the testing. If the property owner or user initiates the tests, the owner or user shall then pay. (Ord. O20040001 (part))

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### **12.64.100 Users of the system.**

**Potential future connections to the system include the following four (4) classifications:**

Existing Prepaid Future Connections, Existing Customers Desiring Additional Flow, New Customers Within the Subarea Boundary, and New Customers Outside of Subarea Boundaries.

(1) **Existing Prepaid Future Connections.** Property owners with prepaid connections wishing to exercise their option to connect to the community sewer system shall make a

written request for service to the Advisory Board. The written request shall contain an estimate of their annual water usage (in gallons per day or equivalent residential units) and an estimate of their waste strength (BOD, TSS, and for food service establishments, FOG). The Board will review the request and, if approved, shall send a letter to the requestor stating when the connection may be made, the amount of the annual sewer service fee, any other fees or deposits, and when these are due to be paid to the Skagit County Treasurer.

As with existing connected participating properties, ownership of the system (excluding the building sewer) from the influent flange of the septic tank and/or grease interceptor tank downstream, including the tank(s), pumps, controls, control vault, side sewer, connection tee, etc., shall be conveyed in writing to the Edison Subarea upon connection to the system.

Fees and other charges applicable to existing prepaid future connections are covered in SCC [12.64.130](#).

(2) **Existing Customers Desiring Additional Flow**. Existing customers wishing to add flow such that the new total flow will exceed the existing ERU value for the property, whether as a separate “mother-in-law” unit, as a change in use for an existing connection, or as an increase in capacity for an existing connection, shall make a written request to the Advisory Board. The written request shall contain an estimate of the anticipated new total flow in gallons per day and anticipated new waste strength (BOD, TSS, and for food service establishments, FOG). Allowance of such additional flow can only be approved if the Advisory Board determines that, after accounting for the eventual anticipated full connection of all the prepaid connections, there is or will be sufficient capacity in the collection, treatment, and dispersal facilities to handle the increased flow.

Where it is determined by the Advisory Board, via its engineer, or designee, that there is sufficient capacity in the sewer system, but there is insufficient capacity in the existing on-site components, such as septic tank and/or grease trap, and/or existing side sewer, for an additional flow allowance, new on-site components shall be installed at the owner’s expense.

Fees and other charges applicable to existing customers desiring additional flow are covered in SCC [12.64.130](#).

(3) **New Customers within the Subarea Boundary**. Requests for sewer service for nonparticipating properties within the Edison Subarea service area will be considered initially by the Advisory Board, who in turn would make a recommendation to the Board of County Commissioners. Allowance of such additional connections can only be approved by the County if the Advisory Board, through its engineer, or designee, determines that, after accounting for the eventual anticipated full connection of all the prepaid connections, there is or will be sufficient capacity in the collection, treatment, and dispersal facilities to handle the increased flows and waste strength associated with such additional connections. In addition, such new connection shall only be allowed when it is determined consistent with the Skagit County Comprehensive Plan. If

approved, all costs for connection to the community sewer system shall be borne by the requestor.

See SCC [12.64.130](#) for fees and charges applicable to new customers within the Subarea boundary.

(4) **New Customers Outside of Subarea Boundary**. Requests for sewer service for nonparticipating properties outside of the Edison Subarea service area will be considered initially by Advisory Board, who in turn will make a recommendation to the Board of County Commissioners. Approval by the Commissioners shall be based on the determination of sufficient capacity following full connection of all the prepaid connections as well as consistency with the Skagit County Comprehensive Plan. If approved, all costs for connection to the community sewer system, including costs for construction, operation, and maintenance of sewer main extensions and any needed new pumping facilities or increases in capacity for existing pumping facilities and/or pipelines and other facilities or operational requirements shall be borne by the requestor.

See SCC [12.64.130](#) for fees and charges applicable to new customers outside of the Subarea boundary. (Ord. O20040001 (part))

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#### **12.64.110 Sewer connections and repairs.**

No person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof or construct any connection to the community sewer system without first obtaining written approval of his or her sewer connection plans from the Advisory Board. Sewer connection plans must satisfy the Edison Subarea Sewer Connection Standards, as specified by Board policy. New commercial connections will be required to install an accurate water meter or wastewater flow meter.

(1) Connection Repairs. Any needed repair to a building sewer shall be made within thirty (30) days after the date of mailing or personal service of a notice by the Advisory Board to the owner of the property. All repairs to a building sewer shall be done at the property owner's expense. In the event of an emergency, the Advisory Board may establish a shorter period of time for the repairs to be made. If the owner cannot be located or does not promptly make such repairs, the Advisory Board may cause such repairs to be completed. An amount of one hundred ten (110) percent of the cost of repair shall be added to the property owner's subsequent year's tax assessment in such cases. Repairs to components of the sewer connection downstream of the influent flange of the septic or grease interceptor tank shall be the responsibility of the Advisory Board.

(2) New Connections. Prior to the construction, installation and operation of a new sewer connection, the property owner shall: (a) submit Sewer Connection Plans to the Advisory Board for review and approval by its engineer, or designee, (b) sign an easement agreement with the County on behalf of the Edison Subarea, and (c) pay any and all fees and charges as required by SCC [12.64.130](#) to the County Treasurer on behalf of the Edison Subarea.

(3) Review of Sewer Connection Plans. The Edison Subarea's engineer shall review and approve or reject submitted Sewer Connection Plans prior to commencement of any construction, and the Edison Subarea's designee shall conduct inspections of said sewer connection, including septic and/or grease interceptor tank installation, prior to operation.

(4) Inspection of Sewer Connections. The applicant for a new sewer connection shall notify the Advisory Board at least forty-eight (48) hours before the tank installation and side sewer is ready for inspection and connection to the community sewer. The Advisory Board shall schedule all necessary inspections. No backfilling is allowed until all proper inspections are made. Pipe not inspected in this manner shall be exposed for inspection at the applicant's expense before wastewater service will be initiated. In the event that backfilling must proceed due to high groundwater conditions prior to the inspection, the applicant and/or installer shall document all work by way of dated and labeled photographs.

(5) Workmanship. All excavations for new sewer connections, including tank installations, shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other property disturbed in the course of the work shall be restored to their original condition or better in a manner satisfactory to the Advisory Board. The installation of the building sewer and tank(s), and the connection of the side sewer to the community sewer main shall be made by a qualified, bonded, and licensed and certified installer.

(6) Hold Harmless, Warranty, Performance Bond, and Insurance. As an approval precondition for all new connections, the property owner shall be required to submit a document that will indemnify and hold harmless the Advisory Board, Skagit County and/or their agents, contractors, etc., against any damage to personal or public property or personal injury caused by the performance of such actions in a form acceptable to the Advisory Board. In addition, the property owner shall provide a warranty of all materials and workmanship used in connection with any such actions for a minimum period of two (2) years from the date of acceptance of said actions by the Advisory Board. (Ord. O20040001 (part))

#### **12.64.120 Maintenance of the system.**

The Advisory Board's representative shall be authorized to enter upon premises connected to the community sewer system to conduct regular maintenance tasks such as inspection, cleaning and repair as well as other activities required for an efficiently operated system such as smoke testing or measuring solids accumulated within the septic tanks and/or grease traps.

(1) Right of Inspection. The Advisory Board's representative shall be authorized to enter upon premises served by any building sewer or connected to the community sewer at all reasonable hours to ascertain or make necessary tests as to whether the provisions of local, state and federal laws relative to sewerage have been complied with. The easement signed by the property owner allows entry for this purpose. In the event that entry is refused, necessary steps shall be taken to make application for a search warrant to accomplish the appropriate inspection.

(2) Repair Order. If said sewer, or its attachments, are in conflict with the provisions of any law or resolution in regard thereto, the owner of said premises, or his agent, shall be notified to cause said sewer or its attachments to be so altered, repaired or reconstructed at the owner's expense, so as to make them conform to the requirements established by the Advisory Board.

(3) Easements. All property owners are required to have on file with the County an easement entitling the County to construct, inspect, repair, maintain and/or connect to the Edison Subarea Community Sewer System. Additions resulting only in additional flow through existing on-site components will not require an additional easement. (Ord. O20040001 (part))

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#### **12.64.130 Assessments, fees and other charges.**

The Board of County Commissioners shall set annual assessments as part of the County's annual budget process. The recommended annual assessment amounts shall be determined by the Advisory Board and shall be based upon equivalent residential units (ERUs). The minimum of one (1.0) ERU shall be charged for each connected service. All residential customers shall be assessed one (1.0) ERU.

All Commercial customers (including the Edison School) shall be charged an assessment based upon flow and strength of flow. The charge for flow will be determined using the water usage records and will be ERU-based. The charge for strength of flow will be assessed using a surcharge for flow above predetermined residential-strength levels as determined by the Advisory Board.

**The Advisory Board shall, through adopted policy, establish, adjust, and amend the amount of all fees and charges applicable to services within the Edison Subarea.**

(1) **Annual Assessments, once imposed on any property or building, shall continue until the serviced building is demolished, torn down, removed or no longer in existence or unless it can be shown by affidavit that the building could not be serviced because of lack of water.** Discontinuation of the Annual Assessment shall be based upon a formal request to the Advisory Committee. Disconnection from the sanitary sewer system shall be in accordance with the requirements of Skagit County.

(2) Annual Assessment billings shall be mailed to the owner of record (noted as the taxpayer on the County Assessor/Treasurer's real property assessment roll) of the property on which the structure so served is located so far as the County may reasonably ascertain the same. Failure to receive such bills shall not relieve any person liable therefor from the obligation to pay the same or from paying penalty and interest charges, nor the property receiving such service, or capable of receiving such service, from such lien therefor as may thereafter attach to the property in the manner provided by law.

(3) **All new residential connections shall pay,** in addition to the other fees, a prorated share of the current year's annual assessment. This fee shall be paid in full prior to the commencement of services.

(4) All new commercial customers (including change in use customers) shall pay an advance assessment deposit equal to two (2) times the current residential annual assessment amount. Once flow and strength testing has been completed and the actual current-year prorated annual assessment for the commercial connection has been determined, any surplus deposit funds shall be refunded to the customer. This fee shall be paid in full prior to the commencement of service.

(5) All new commercial customers (including change in use customers) shall also pay a waste-testing fee, in an amount to be determined by Advisory Board Policy, to offset the actual cost of testing the waste strength for the purpose of establishing the annual assessment amount for the new commercial customer. This fee shall be paid in full prior to the commencement of service.

(6) **Capital Assessment Fee**. Any property or portions thereof (**excluding prepaid connections**) desiring a new connection or an existing customer desiring additional flow, or an existing customer with a change in use shall be required to pay a Capital Assessment Fee as a precursor to receiving service. Such charge shall reflect an apportionment to the connector of a pro rata portion of the capital cost of installation of the permanent sewer system. The capital assessment fee shall be ERU-based and rounded to the nearest one-quarter ERU (1/4 ERU). Existing customers desiring additional flow or existing customers with a change in use shall pay a prorated capital assessment fee equivalent to the amount of additional flow.

(7) **Latecomer's Fee**. In addition to the Capital Assessment Fee, a latecomer's fee will be charged to all new customers (**excluding prepaid connections**) amounting to five (5) percent of the original Capital Assessment Fee for each year or portion thereof between the time of system construction (1999) and the latecomer service connection.

(8) Plan Review/Inspection. This fee shall be charged, as a precursor to the accepting of a new connection application, to cover the costs of plans review and inspection.

(9) Return Inspection Fee. If circumstances or conditions require return inspection(s) of completed septic tank installations and/or sewer connections, including appurtenances thereto, the owners or developers requesting a return inspection shall pay a return inspection fee.

(10) Additional Costs. Additional costs incurred by the Edison Subarea or its contractors over and above the minimum fee will be charged to the owner or developer on a time and materials basis. All additional fees must be paid in full prior to the Edison Subarea approving and allowing the use of the new sewer connections. (Ord. O20040001 (part))

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#### **12.64.140 Right of entry, enforcement, appeals and liens.**

Right of entry shall be governed by SCC [12.05.270](#). Enforcement of any violation of any provision in this Chapter shall be governed by SCC [12.05.280](#). Appeals shall be governed by SCC 12.05.290.

In the event that any person, or commercial entity fails to pay any fee or charge as set forth in this Chapter within sixty (60) days after the same is billed by the County, the unpaid balance plus interest shall become and remain a lien against the property.



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Northwest Region Office  
PO Box 330316, Shoreline, WA 98133-9716 • 206-594-0000

April 2, 2026

The Honorable Peter Browning  
Skagit County Board of Commissioners  
1800 Continental Place  
Mount Vernon WA 98273  
Sent electronically to [commissioners@co.skagit.wa.us](mailto:commissioners@co.skagit.wa.us)

Re: Groundwater Sampling Plan Approval, Permit No. ST0045515

Dear Commissioner Browning:

Ecology received a Groundwater Monitoring Plan for the Edison Wastewater Treatment Facility, dated September 1, 2024. Based on Ecology comments, a new version was received on March 24, 2026, with updated sampling plans.

This updated Groundwater Monitoring Plan meets the requirements detailed in S8 of Permit No. ST0045515 and is hereby **approved**. Within ninety days of this approval, the Permittee must begin groundwater sampling according to this plan.

If you have any questions, please contact David Matthews at (206) 677-3800 or by email at [david.matthews@ecy.wa.gov](mailto:david.matthews@ecy.wa.gov).

Sincerely,

David Matthews  
Environmental Engineer  
Municipal Wastewater Permits Unit

cc: Tricia Logue, County Administrator, [trishal@co.skagit.wa.us](mailto:trishal@co.skagit.wa.us)  
Erin Langley, Sr. Water Resource Planner, [erinl@co.skagit.wa.us](mailto:erinl@co.skagit.wa.us)  
Don Erikson, Wastewater Supervisor, [bayhillwws@gmail.com](mailto:bayhillwws@gmail.com)



SEPTEMBER 1, 2024

# GROUNDWATER SAMPLING PLAN

EDISON WASTEWATER TREATMENT FACILITY

ERIN LANGLEY

SKAGIT COUNTY PLANNING & DEVELOPMENT SERVICES



## **Introduction**

The Edison Subarea of the Clean Water District, in Skagit County, manages a Wastewater Treatment Facility in Edison, WA. It is a closed boundary system serving approximately 74 connections including six food service establishments, the Edison Elementary School, and 59 residences. The Edison Wastewater Treatment Facility (WWTF) is operated under Washington State Waste Discharge Permit number ST0045515 with Skagit County Government as the responsible party. Section 8 of the Permit requires submittal of a Groundwater Sampling Plan to evaluate the system's impact to surrounding groundwater quality at Drainfield #1, Drainfield #2, and the Emergency Upflow Trench. This Plan involves regular testing of total dissolved solids, nitrate, pH, and total coliform from representative groundwater wells. The purpose of this sampling plan is to monitor those locations within the property boundary to establish background water quality and determine whether the Edison WWTF is meeting Ground Water Quality Standards (Chapter WAC 173-200) at a designated Point of Compliance (POC) (i.e. the property boundary).

## **Site Description**

The community of Edison, Washington, and the Edison WWTF, lies at an elevation close to sea level along Edison Slough near the point at which the slough meets Samish Bay. The Edison WWTF discharge points include two drainfields referred to as Drainfields 1 and 2, and an infiltration trench referred to as the Emergency Upflow Trench (Figure 1). The facility is roughly 0.5 acres with 10.66 acres comprising the North Field, South Field, and Emergency Upflow Trench and the surrounding area. The drainfields and the facility are on property owned by Skagit County, whereas some equipment related to the operation of the WWTF are on property owned by the Burlington Edison School District. The WWTF is bound to the north by the Edison Slough, to the west by the Burlington Edison School District, and to the south, southwest, and east by privately owned farms. The site is near sea level, with the surveyed elevations of the ground surface from surveyed well locations on site ranging from 6.15 to 10.79 feet above mean sea level (Carey, 2018).

## **Methodology**

Field measurements and sampling will be performed quarterly of five monitoring wells. Well purging may need to occur prior to sample collection to ensure a representative sample. Guidance on the procedure can be found in *Standard Operating Procedures for Purging and Sampling Monitoring Wells for General Chemistry Parameters* and *Quality Assurance Project Plan: Edison Large On-site Sewage System Groundwater Assessment*.

Sample Collection and testing will be in accordance with standard operating procedures of the analytes to include pH, nitrate, total dissolved solids (TDS), and total coliform (TC). Groundwater samples will be collected using a peristaltic pump according to the procedures listed in EAP099 (Carey, 2016b). Samples to be analyzed in the lab will be collected using containers supplied by the laboratory. Nitrates will be sampled and analyzed using method EPA 300 (Pfaff, 1993). The sample will be collected in a 500 mL plastic container, kept at <4°C, and submitted to the laboratory within 48 hours. Total Dissolved Solids will be sampled and analyzed using method SM2540 C<sup>2</sup>. The sample will be collected in a 500 mL plastic container, kept at <4°C, and submitted to the laboratory within 7 days. Total Coliform will be analyzed using method SM 9223B<sup>3</sup>. The sample will be collected in a 250 mL plastic sterile container supplied by the lab, kept at <4°C, and submitted to the laboratory within 24 hours. pH will be analyzed onsite with a pH meter in accordance with SM4500-H+B. Once the sample is collected, it will be immediately tested.

## Sampling Locations

With a high groundwater table and seasonally fluctuating aquifer flow direction, the monitoring wells have been chosen to best represent background ambient water quality and potential influence of WWTF effluent. Ten monitoring wells exist onsite and were used in Ecology's Groundwater Assessment. Five wells, AKY472, AHT090, AHT085, AKY469 and AHT087 are proposed for quarterly water quality sampling (Figure 1)(Table 1)(Appendix A).

- Monitoring wells AHT090 and AHT085 would act as conditional POCs for Drainfield 2 during the dry period of May through October when groundwater flow is anticipated to be towards the north, and alternate POCs during the wet period of November through April when the groundwater flow is anticipated to be towards the west-southwest.
- Monitoring well AKY469 would be considered an alternate POC for Drainfield 1 during the four quarters of sampling due to its proximity to this location.
- Monitoring well AKY472 and AHT087 would serve as an upgradient background well during the wet period of November through April when the groundwater flow direction is anticipated to be towards the west southwest. Additional well located in the southern portion of the site (AHT088) may act as upgradient well during the dry period when groundwater flow is anticipated to be towards the north.

The resultant dataset can be used to determine if any water quality impacts are present from the WWTF. Wells are proposed for low-flow sampling to optimize the water quality sampling results and minimize groundwater perturbation that could result in more saline water influencing the results.

## **Data management**

All field data will be recorded in a field notebook. Field-generated data will be entered into Microsoft (MS) Excel® spreadsheets as soon as practical after returning from the field. Lab results will be checked for missing and/or improbable data. Once lab test results are received, the data will be entered into the Excel spreadsheet.

## References

Carey, Barbara M. *Quality Assurance Project Plan: Edison Large On-site Sewage System Groundwater Assessment*. (2014). Washington Department of Ecology Environmental Assessment Program, Publication No. 14-03-121. November 2014. 57p.

Carey, Barbara. (2016b). *Standard Operating Procedures for Purging and Sampling Monitoring Wells for General Chemistry Parameters Version 1.0*. Washington State Department of Ecology. SOP Number EAP099. <https://apps.ecology.wa.gov/publications/documents/2303209.pdf>

Carey, Barbara M. *Wastewater Treatment System Groundwater Assessment for Edison, Washington*. (2018). Washington Department of Ecology Environmental Assessment Program, Publication No. 18-03-007. April 2018. 130p.

Pfaff, John. (1993). U.S. Environmental Protection Agency. *Method 300.0*. Method 300.0 *Determination of Inorganic Anions by Ion Chromatography, Rev. 2.1* ([epa.gov](http://epa.gov))

Standard Methods for the Examination of Water and Wastewater, 23rd. (2018). Standard Methods.

Washington State Department of Ecology. (2005). *Implementation Guidance for the Groundwater Quality Standards*.

Washington State Department of Ecology. (2013b). State Waste Discharge Permit Number ST0045515. Northwest Regional Office, Bellevue, Washington.

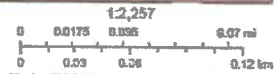
## Edison WWTF



August 14, 2024

**Legend**

- County Boundary
- City Names
- Road Labels
- Hydro Labels
- Regional Labels



Data Accuracy Warning: All GIS data was created from available point records and display map accuracy. Map features have been adjusted to achieve a best-fit requirement. While great care was taken to fit contours, maps from different sources rarely agree as to the precise location of geographic features. Map discrepancies can be as great as 500 feet.

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**Figure 1. Monitoring wells**

Well Tag ID	Latitude Decimal Degrees (NAD83HARN)	Longitude Decimal Degrees (NAD83HARN)	Land Surface Elevation NAVD88 (feet)
AKY472	48.56111	-122.433307	7.91
AHT090	48.560231	-122.435354	7.95
AHT085	48.560618	-122.434647	8.75
AHT087	48.559685	-122.436633	6.15
AKY469	48.561968	-122.434455	7.93

**Table 1. Well Construction information**

# 8 – New Business

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