



CITY OF
BAINBRIDGE ISLAND

UTILITY ADVISORY COMMITTEE
REGULAR MEETING
WEDNESDAY, NOVEMBER 10, 2021
5:30 PM
ZOOM MEETING

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

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/97357473020](https://bainbridgewa.zoom.us/j/97357473020)

OR TELEPHONE: 1-253-215-8782

WEBINAR ID: 973 5747 3020

AGENDA

1. CALL TO ORDER / ROLL CALL / ACCEPT OR MODIFY AGENDA / CONFLICT OF INTEREST DISCLOSURE
5:30 PM
2. APPOINTMENT OF CHAIR / CO-CHAIR – 10 MIN
3. DISCUSS UAC 2022 WORK PLAN – 15 MIN
4. STORMWATER SYSTEM PLAN SCOPE OF WORK – 15 MIN
5. NEXT MEETING AGENDA PLANNING – 5 MIN
6. ADJOURNMENT

City of Bainbridge Island Stormwater System Plan

The City of Bainbridge Island (City) is soliciting qualifications from consultant firms with experience in stormwater planning and asset management to support the preparation of the City's Stormwater System Plan. The plan will provide a comprehensive approach for managing stormwater and related surface water on Bainbridge Island.

The Stormwater System Plan will inform stormwater quality improvement initiatives, capital improvement program; facilities monitoring and maintenance; financial elements, and regulation of new developments. The Stormwater System Plan will address climate change impacts and considerations for future development and will be linked with ongoing efforts such as the development of the City's Groundwater Management Plan.

The City is looking for input to the approach and scope of the Stormwater System Plan as well as support for development of the plan.

Project Description

The work to be performed by the consultant consists of four distinct, but related efforts:

1. **Complete stormwater asset inventory and GIS mapping.**
2. **Stormwater System Plan approach / scope development support** including but not limited to:
 - a. Summarize status of recommended actions contained in the City of Bainbridge Island Surface Water Management Plan 2001.
 - b. Complete a gap analysis to identify changes required for compliance with Ecology's Stormwater Management Manual for Western Washington (SWMMWW, 2012, amended in 2014) as well as looking ahead to the 2019 version which is anticipated to be adopted before July 2022 and the City of Bainbridge Island Municipal Code Title 15 Chapter 15.20 Surface and Stormwater Management.
3. **Stormwater System Plan preparation support** including but not limited to:
 - a. Summarize the interface with NPDES Phase II Permit requirements, Ecology's SWMMWW, City of Bainbridge Island Climate Action Plan, the City's forthcoming Groundwater Management Plan, and other applicable City plans, codes and policies.
 - b. Recommend improvements to current stormwater monitoring program / asset management program.
 - c. Recommend actions to improve stormwater water quality.
 - d. Recommend actions to address climate change impacts including sea level rise and increased storm intensities.
 - e. Develop a Stormwater Management Action Plan (SMAP) consistent with the City's NPDES permit requirements.
 - f. Provide a prioritized project list from the City's current Capital Facilities Plan.
 - g. Recommend additional projects, as needed including ballpark budget estimates, resource requirements, rationale and general timing, differentiate 'have to' vs 'nice to have' projects, and general cost benefit considerations.

- h. Prepare an Implementation Plan and Plan Effectiveness Monitoring Plan.
- 4. **Community engagement support** and coordination with City Advisory Committees, which will be led by the City.

Requirements for Qualifications Responses (as applicable)

- Identify each person involved with the project including any technical partners and describe their respective roles, including:
 - a. Information regarding each member's experience and qualifications.
 - b. Resume of key team members.
 - c. Description of how the team will be organized and led.
- Identify the project lead and their relationship to other members of the team.
- Describe the consultant's relevant project experience with similar projects. Projects described must illustrate the consultant's experience with preparing documents, designs and plans similar in scope to the proposed project. Provide client references for relevant projects.

Evaluation Criteria

Evaluation of RFQ responses will be based upon the following:

- Success in developing similar projects.
- Quality of representative projects.
- Qualifications of project team and key project managers, including references.
- Demonstrated creativity and outside-the-box thinking.

General Provisions and Conditions

The City reserves the right to:

- Reject any and all responses.
- Waive minor irregularities in a response.
- Cancel, revise, or extend this solicitation.
- Request additional information on any response beyond that required by this RFQ.
- Have the final decision on the selection.
- Modify the timeline and to issue addenda to this document.

Schedule

This project is scheduled to start in early February 2022 and be completed by February 2023.

Submittals Due	December 3, 2021
Consultant Interviews	Week of December 13, 2021
Consultant Selected	Week of December 20, 2021
Contract Executed	Week of January 24, 2022

If you are interested in pursuing this project, we invite you to submit qualifications.

Budget

The budget project this project is anticipated to be in the range of \$200,000.

Submission Requirements

Interested consultants must submit an electronic copy of the response to the RFQ. The City will become owner of all submitted materials and will not pay any costs related to any responses to the RFQ. All consultants must demonstrate compliance with the City's insurance requirements at the time of contract approval and obtain a City Business License.

The deadline for this RFQ is **4:00 PM, Friday December 3, 2021**, Pacific Standard Time. **Only emailed submissions will be accepted.**

Contact Information

Maureen Whalen (Hydrogeologist)
206.780.3730 (Direct)
mwhalen@bainbridgewa.gov

City of Bainbridge Island
Public Works Dept.
208 Madison Ave N
Bainbridge Island, WA 98110

Americans with Disabilities Act (ADA) Information

The City of Bainbridge Island in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all its programs and activities. This material can be made available in an alternate format by emailing cityclerk@bainbridgewa.gov or by calling collect 206.842.2545.

Title VI Notice: The City of Bainbridge Island in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin or sex in consideration for an award.

DRAFT

Marcus Gerlach

579 Stetson Place SW
Bainbridge Island WA 98110
MSG2X4@YAHOO.COM

July 22, 2020

Leslie Schneider, Mayor
Rasham Nassar, Deputy Mayor
Kol Medina, Council Member
City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, WA 98110

Kristen Hytopoulos, Council Member
Joe Deets, Council Member
Christy Carr, Council Member

RE: West Eagle Harbor Beach Sewer Main Project

Dear Bainbridge Island City Mayor and Council Members:

Recently, the City of Bainbridge Island (City) public works department proposed that the West Eagle Harbor gravity sewer line should be replaced with a high-pressure, electrically-controlled individual-resident, grinder pump sewer line. This newly-proposed sewer line would force waste uphill from individual residences for processing. This letter will detail some obvious reasons to simply remove and replace the existing gravity sewer line along west Eagle Harbor. More time is needed to fully discuss all issues in the City's proposal. Please delay all votes for one week.

The City claims several problems with the existing 10" iron sewer main including: 1) sagging, 2) deficient slope and most importantly, 3) solidified grease from west Eagle Harbor restaurants. The City's solution is abandonment of the gravity sewer iron pipe and installation of an above-grade plastic sewer pipe requiring City residents to rely on an individual electrically-driven, grinder pumps forcing waste into 3" pipes upland. Replacement of the existing iron sewer line with a properly installed 10" polyvinyl chloride solid wall sewer pipe, in addition to installation of exterior grease traps at all Eagle Harbor restaurants is the least expensive, most ecologically practicable, and best solution to address the existing gravity sewer line.

The City's proposed solutions include: 1) trenchless which is impossible, 2) remove and replace the existing pipe (removal is required regardless of replacement because of ecological implications), 3) a complex labyrinth of negotiated easements for sewer pipes, between property owners and the City for individual high pressure waste lines operating electronic grinder pumps, which forcing waste to an upland location from a waste well located on each individual property.

REMOVE AND REPLACE:

The City claims that extensive permitting efforts are required to dig along the existing shoreline across less than five dozen parcels to remove and replace the existing 10 sewer line. The City also claims the limited construction hours at low tide would prevent removal and replacement. Finally, the City claims maintenance *could be an issue* and would *likely continue to be costly even if rehabilitation is successful*. The City's claims are speculative, faulty and inaccurate.

ABANDONMENT OF A SEWER LINE:

It is ecologically irresponsible to abandon a sewer line in a saltwater environment, similar to the way the City improperly abandoned their ecological responsibilities in the Strawberry Processing Plant Park when the asphalt was not properly removed. The City's statement was simply, "We didn't have people with the right training and we didn't follow the right protocol."¹ This is not the first time the City has been involved in defective sewer analysis resulting in a sewer spill.²

GRINDER PUMPS WILL NOT RESOLVE SOLIDIFIED GREASE

Mandating individual electronically-dependent grinder pumps on individual residential properties will not resolve the absence of exterior grease traps for local restaurants who clog the 10" sewer main with grease. The proposed City solution is to install a separate pump station at the foot of Wood Avenue to collect the grease-rich waste from the local restaurants and pump the waste to the top of Wood Avenue. This proposal begins to address the pollution of waste lines with fats, oils and grease (FOG). The Wood Pump should be located closer to the sewer line and not on the street. The City should not abandon the gravity flow sewer line for individual sewer wells using electronically-dependent grinder pumps to force high-pressure waste to upland reservoirs. This is not a viable solution for Stetson Place residents, or for the City's budget.

REPLACE THE EXISTING GRAVITY SEWER LINE

The City should immediately begin the permitting process to remove and replace the gravity sewer lines for Stetson Place at once. Any claim that the regulatory permitting process is prohibitory against the City is disingenuous. The City was very successful with SCUP 18545 (Rockaway Beach Bulkhead Project). The project was an example of the City's masterful permitting skills for projects that require waterfront construction during limited low tide windows and require ongoing and continuous maintenance. The existence of the current sewer line will facilitate quick permitting approval to remove a potentially ecological hazard (failing ductile iron pipe) and replacement with less ecologically harmful PVC pipe.

¹ City Interim Manager Brenda Bauer (2011)

² Massive City Sewer spill on Bainbridge Island (2009)

The installation of non-deteriorating polyvinyl chloride solid wall sewer pipe (ASTM D 3034) is the best solution to the allegedly failing sewer line. The low tide construction hours during the summer in Eagle Harbor are from 10 am to 4 pm. The sewer pipe should be laid with use of a laser and target system and approved by an engineer to prevent possible sags or poor directional flow and the longevity exceeds the current iron pipe, which requires removal to be consistent with ecological best practices. The installation of 14-foot pipes will prevent sags or low spots. The existing Lovell Avenue lift station is already available and no additional improvements are required. Most importantly, no wet wells will be required with replacement of the existing gravity sewer line. Until the electrical power grid is reliable, the City should avoid installing any electrically-dependent grinder pumps for residents of the Eagle Harbor Sewer Main project.

SUMMARY

The City should immediately begin the permitting process for the removal and replacement of the existing gravity sewer line between the existing Lovell Ave lift station and the newly-proposed Wood Ave lift station, as “these permits generally take a year or longer³” to procure. The City cannot simply abandon an ecologically-dangerous sewer line in Eagle Harbor.

It is not cost effective or wise to seek new easements from property owners at Stetson Place and install electronically-dependent grinder pumps with septic tanks forcing waste through high pressure lines to upland reservoirs. Winslow habitually loses power and the payment of the new easements and operation of the grinder pumps would be cost prohibitive to the City.⁴

The prohibition of necessary emergency medical equipment to any Stetson Place resident during upland sewer construction may result in loss of life and possible resulting litigation against the City. Costs estimates of upland City sewer projects are grossly under estimated.⁵ Please discontinue the dumping of FOG into the residential sewer line or require the installation of an exterior grease trap for any commercial businesses along Parfitt Way. Please spend the projected \$2,863,000 toward the removal and replacement of the beach sewer main pipes between the newly proposed Wood Avenue lift station and the existing Lovell Avenue lift station.

Very truly yours,

/S/

Marcus Gerlach

³ City of Bainbridge Island West Eagle Harbor Beach Sewer Main Predesign Report (2018) pg 5

⁴ City of Bainbridge Island West Eagle Harbor Beach Sewer Main Predesign Report (2018)

⁵ City Sewer Plant estimate \$6 million, actual costs \$15 million (2011)

Marcus Gerlach

579 Stetson Place SW
Bainbridge Island WA 98110
msg2x4@yahoo.com

October 19, 2020

Leslie Schneider, Mayor
Rasham Nassar, Deputy Mayor
Kol Medina, Council Member
City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, WA 98110

Kristen Hytopoulos, Council Member
Joe Deets, Council Member
Christy Carr, Council Member

RE: West Eagle Harbor Beach Sewer Main Project

Dear Bainbridge Island City Mayor and Council Members:

On July 22, 2020, I provided the City of Bainbridge Island (City) with correspondence regarding a proposed public works department sewer project for the West Eagle Harbor sewer line. The City's public works director recommended that the gravity line be replaced with a high-pressure, electrically-controlled individual-residence, grinder pump sewer line. The newly-proposed sewer line would force sewer waste uphill from individual residences for processing. Unfortunately, the City decided to explore this disastrous proposal and paid Skillings to evaluate this uphill sewer line. Please immediately reconsider this mistake.

The City cannot abandon the existing 10" iron sewer main along the waterfront in favor of an uphill sewer line. Any abandonment must include the total and complete removal of iron sewer pipes to avoid allowing rust and residual fecal waste to leach into the shoreline of Eagle Harbor.

During removal please consider using Diamond Plastics pipes as a replacement to the gravity sewer line. Diamond Plastics' pipe is corrosion free. Diamond Plastics pipe is a single material with no coatings or linings thus reducing the concerns over delamination or dissimilar material issues. It has a smooth surface that results in low friction and the best flow characteristics among piping products. It will not corrode or degrade in a saltwater environment. Diamond Plastics can provide over 200 years of experience regarding municipal applications. Please obtain a bid to replace the existing steel sewer pipe with plastic pipe and avoid pumping sewer waste uphill.

The current City's current budget highlights forecast revenue loss of \$2,000,000.00 due to the COVID-19 pandemic. This reduction in revenue requires the City to reduce the amount of money for capital improvement projects. Please do not waste any further resources on the uphill sewer waste project and spend the remaining Eagle Harbor Beach Sewer Main budget on the replacement and removal of the Eagle Harbor gravity sewer line with plastic pipes. It is a dereliction of duty to entertain extravagant sewer projects that may result in abandonment of contaminated corroding steel pipe along Eagle Harbor. Please remove and replace the gravity feed sewer line in Eagle Harbor with plastic sewer pipe. Please contact Diamond Plastics to discuss bid proposals today.

Very truly yours,

/S/

Marcus Gerlach

Marcus Gerlach

579 Stetson Place SW
Bainbridge Island WA 98110
msg2x4@yahoo.com

November 17, 2020

Leslie Schneider, Mayor
Joe Deets, Deputy Mayor

City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, WA 98110

Kristen Hytopoulos, Council Member
Rasham Nassar, Council Member
Christy Carr, Council Member
Michael Pollock, Council Member

RE: West Eagle Harbor Beach Sewer Main Project

Dear Bainbridge Island City Mayor and Council Members:

On July 22, 2020 and October 19, 2020, I provided the City of Bainbridge Island (City) with correspondence regarding a proposed public works department sewer project for the West Eagle Harbor sewer line. The City's public works director recommended that the gravity line be replaced with a high-pressure, electrically-controlled individual-residence, grinder pump sewer line. The newly-proposed sewer line would force sewer waste uphill from individual residences for processing. This recommendation was based upon an unfounded belief that permits could not be obtained to remove and replace the existing gravity sewer line along the private tidelands of Eagle Harbor residents. The affected properties associated with a replacement sewer line involve private tidelands and will not involve Department of Land and Natural Resources.

The City and its contractor alleged that permits could not be obtained for the sewer project in Eagle Harbor. My recent correspondence with confirmed permits are obtainable. In addition, a permit was issued to the City of Bremerton for a similar project in 2013. The attached HPA 129224-2, allowed the City of Bremerton to replace and install approximately 3000 feet of sewer pipe in the beach of Puget Sound. Unlike the beach in Bremerton, there is no evidence of extensive surf smelt in Eagle Harbor and therefore no significantly-affected spawning periods.

Please consider using Diamond Plastics pipes as a replacement to the gravity sewer line. Diamond Plastics' pipe is corrosion free. Diamond Plastics pipe will not corrode or degrade in a saltwater environment. Diamond Plastics pipe can provide trouble-free maintenance and will allow the City to avoid future inquiries regarding permits for future shoreline sewer projects.

The City has already wasted money set aside for capital improvement projects by considering an uphill, grinder-pump to force sewer waste uphill. This new proposal relies upon electricity, which is not reliable during the winter months because of power-outages resulting from downed trees. Unless and until the City can guarantee 100% reliable power for a grinder pump sewer line, please discontinue any further activities regarding this novel and unproven method of sewer management.

The City had remarkable success with obtaining shoreline permits in the recent past (2014 SCUP 18545 [After-The-Fact Shoreline Permit]) and would best serve the Eagle Harbor community by obtaining a sewer replacement permit similar to 2013 HPA 129224-2 in order to remove and replace the gravity feed sewer line in Eagle Harbor with plastic sewer pipe.

Kindly provide a status regarding the City's efforts to obtain a permit to remove and replace the existing Eagle Harbor sewer line, including a detailed explanation of the false information provided to City residents regarding obtainable permits.

Very truly yours,
/S/
Marcus Gerlach

Enc. HPA 129224-2

Marcus Gerlach

579 Stetson Place SW
Bainbridge Island WA 98110
msg2x4@yahoo.com

February 11, 2021

Rasham Nassar, Mayor
Kristen Hytopoulos, Deputy Mayor
Michael Pollock, Council Member

Joe Deets, Council Member
Christy Carr, Council Member
Brenda Fantroy-Johnson, Council Member
Leslie Schneider, Council Member

City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, WA 98110

RE: West Eagle Harbor (EH) Beach Sewer Main Project

Dear Bainbridge Island City Mayor and Council Members:

On July 22, 2020, October 19, 2020 and November 17, 2020, I provided the City of Bainbridge Island (City) with correspondence regarding a proposed public works department sewer project for the West Eagle Harbor sewer line. The City's Public Works director recommended a high-pressure, electrically-controlled, individual holding tank system with grinder pump to replace the existing gravity sewer line. The newly-proposed sewer line would force sewer waste uphill from individual residences for processing and be dependent exclusively on a reliable power source.

The City originally alleged that permits could not be obtained to replace the existing gravity sewer line in Eagle Harbor. The November 17, 2020 correspondence confirmed that permits were obtainable and a sample permit for a similar project in the City of Bremerton (HPA 129224-2) was provided to the City. HPA 129224-2 allowed the City of Bremerton to replace and install approximately 3000 feet of sewer pipe (24 inch/diameter) in the beach of Puget Sound. The City of Bremerton contracted with Rognlins to replace the shoreline sewer pipe. Bremerton's sewer main replacement bid included pipe costs, mobilization, excavation/ shoring, access improvements, temporary bypass and mitigation. The total was \$878,981.25. (Attached)

In reply to the November 17, 2020, correspondence the City proffered a new justification to spend approximately \$2,000,000.00 for the installation of individual sewage holding tanks on each parcel with a grinder pump, high-pressure, removal system. The City erroneously claimed that the replacement of the gravity sewer line is "more costly." (City December 16, 2020 e-mail).

The City is simply wrong. The cost of removing and replacing the existing gravity sewer pipe in Eagle Harbor is a fraction of the price proposed by the City's public works as described below:

The cost of 2500 ft of (10 ft length x 10-inch diameter) HDPE pipe with cut charge is \$22,733.00. 100 waste line connectors (Fab Tee) are \$14,132.00 and 25 angle connectors are \$1,623.23. The grand total for 10-inch replacement pipe/connectors is \$38,488.63. (See Price Quote attached) If the City upgraded to larger pipe to eliminate grease blockages (City EH Sewer Report pgs E-1, E-2,3,5,6,30) the cost of 2500 ft of (10 ft length x 12-inch diameter) HDPE pipe with cut charge is \$31,403.00. 100 waste line connectors (Fab Tee) are \$15,916 and 25 angle connectors are \$2005.23. The grand total for 12-inch replacement pipe/connectors is \$49,324.33. (Price Quote)

Extrapolating costs based upon the Bremerton bid for pipe, the replacement of the existing EH gravity sewer line is 25% of the holding tank proposal. The replacement of the existing gravity sewer line includes the additional benefit of preventing overflow of sewage from the holding tanks during a power outage. The holding tank system would utilize a "Standard well size [of] 70 gallons, but a 150 gallon well could be installed to provide for additional storage during a power outage." (City e-mail, from Wierzbicki, dated January 21, 2021) Power is unreliable on Bainbridge Island and the City's \$2,000,000.00 proposal does not include a "fuel-powered back-up generator" or a \$5,000.00/house "battery back-up system." (January 21, 2021 e-mail).

An evitable power failure would result in overflow sewage spilling onto a homeowner's property and into Eagle Harbor. While the City may not be too concerned with spilling 250,000 gallons of sewage into Eagle Harbor (Attached January 2-3, 2021 News article), the City will be legally responsible for violations of CERCLA (42 USC §9606). Courts have held that defenses such as heavy rains, power outages and even earthquakes are limited to exceedingly rare and unforeseen circumstances. The City will be liable to homeowners for overflow sewer spills and may be liable for CERCLA claims. The City will also be required to defend and hold harmless each property owner who is mandated to replace the existing gravity sewer line with an inadequate holding tank. (42 USC § 9607(e)). Please confirm that the City has notified their insurance carrier of the potential liability and provide a copy of the City's risk assessment plan for loss.

Kindly provide the status regarding the City's efforts to obtain a permit to remove and replace the existing Eagle Harbor sewer line. Please also provide a detailed explanation, including the names of the responsible parties, who provided information to the City regarding an obtainable permit and the actual costs to replace the existing gravity sewer line in violation of RCW 9A.76.

Very truly yours,
/S/
Marcus Gerlach

Enc. Bremerton bid/ Price Quote/Sewer Spill Article

CITY OF BREMERTON
BID PROPOSAL for EASTSIDE BEACH MAIN REPLACEMENT (2 pages)
MARCH 2013

The following proposal has both lump sum and unit price bid items. The Lump Sum items are in Schedule A. The Unit Price items are in Schedule B. The entirety of the project work is included in Schedule A and Schedule B. In the final column of each schedule, write out the price in dollars and cents using numerals. **Tax Note:** Rule 170 applies to this project. Sales tax shall not be included in the individual unit prices, but as a total for all items.

SCHEDULE A – LUMP SUM BID ITEMS			
Bid Item	Reference	Description	Bid Amount
1	1-04.4, 1-09.6	Minor Changes and Force Account **	\$150,000.00
2	1-09.7	Mobilization	80,000.00
3	2-09	Shoring or Extra Excavation, Class B	10,000.00
4	4-04	West End Beach Access Improvements	75,000.00
5	7-17	24-Inch Sewer Pipe	300,000.00
6	7-17	Temporary Bypass Pumping System	25,000.00
7	7-17	Connection to Existing Piping at Station 30+82	50,000.00
8	7-17	Connection to Existing Piping at Station 1+00	70,000.00
9	7-17	Connection to Existing Piping at Station 5+35	20,000.00
10	7-17	Connection to Existing Piping at Station 13+87	15,000.00
11	7-17	Air Release Valves	5,000.00
TOTAL FOR SCHEDULE A			800,000.00

**** Payment from this bid item is only permitted by written approval from the Engineer in accordance with Sections 1-04.4 and 1-09.6.**

SCHEDULE B – UNIT PRICE BID ITEMS						
Bid Item	Ref.	Description	Unit	Qty	Unit Cost (\$)	Total (\$)
12	8-05	Beach Mitigation and Cleanup	Tons	75	125.00	9,375.00
TOTAL FOR SCHEDULE B						9,375.00

TOTAL OF SCHEDULE A AND SCHEDULE B	
SUBTOTAL OF SCHEDULE A AND B (\$)	809,375.00
ESTIMATED SALES TAX @ 8.6% (\$)	69,606.25
GRAND TOTAL (\$)	878,981.25

Bid Item	Spec Section	Description	Unit	Qty	Unit Cost Rognlins	Low Bidder		Unit Cost Jansen Inc	Jansen Inc	Unit Cost Strider	Strider	Unit Cost James W Fowler Co	James W Fowler	Unit Cost Redside	Redside Construction	Unit Cost Ceccanti, Inc	Ceccanti, Inc	Unit Cost Titan Earthwork, LLC	Titan Earthwork, LLC	Unit Cost Stan Palmer	Stan Palmer Construction, Inc.
						Rognlins															
1	1-04.4(1) and 1-09.6	Minor Changes and Force Account				\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ 150,000.00	
2	1-09.7	Mobilization				\$ 80,000.00		\$ 84,372.00		\$ 100,000.00		\$ 100,000.00		\$ 85,000.00		\$ 125,000.00		\$ 100,000.00		\$ 100,000.00	
3	2-09	Shoring or Extra Excavation Class B				\$ 10,000.00		\$ 11,992.00		\$ 7,500.00		\$ 5,000.00		\$ 15,000.00		\$ 25,000.00		\$ 15,000.00		\$ 12,000.00	
4	4-04	West End Beach Access Improvements				\$ 75,000.00		\$ 39,078.00		\$ 30,000.00		\$ 40,000.00		\$ 29,000.00		\$ 70,000.00		\$ 93,000.00		\$ 18,000.00	
5	7-17	24-Inch Sewer Pipe				\$ 300,000.00		\$ 301,466.00		\$ 484,400.00		\$ 607,000.00		\$ 549,000.00		\$ 797,000.00		\$ 415,000.00		\$ 555,000.00	
6	7-17	Temporary Bypass pumping System				\$ 25,000.00		\$ 64,538.00		\$ 30,000.00		\$ 38,000.00		\$ 45,000.00		\$ 37,000.00		\$ 40,000.00		\$ 60,000.00	
7	7-17	Connection to Existing Piping at Station 30+82				\$ 50,000.00		\$ 24,777.00		\$ 15,000.00		\$ 32,000.00		\$ 25,000.00		\$ 16,000.00		\$ 35,000.00		\$ 28,000.00	
8	7-17	Connection to Existing Piping at Station 1+00				\$ 70,000.00		\$ 115,829.00		\$ 120,000.00		\$ 104,000.00		\$ 45,000.00		\$ 37,000.00		\$ 110,000.00		\$ 75,000.00	
9	7-17	Connection to Existing Piping at Station 5+35				\$ 20,000.00		\$ 30,548.00		\$ 30,000.00		\$ 12,000.00		\$ 23,000.00		\$ 20,000.00		\$ 20,000.00		\$ 28,000.00	
10	7-17	Connection to Existing Piping at Station 13+87				\$ 15,000.00		\$ 23,733.00		\$ 15,000.00		\$ 2,000.00		\$ 14,000.00		\$ 7,600.00		\$ 12,000.00		\$ 18,000.00	
11	7-17	Air Release Valves				\$ 5,000.00		\$ 14,599.00		\$ 7,500.00		\$ 4,300.00		\$ 8,000.00		\$ 4,700.00		\$ 5,600.00		\$ 2,500.00	
Schedule B																					
12	8-05	Beach Mitigation and cleanup	Tons	75	\$ 125.00	\$ 9,375.00	\$ 215.65	\$ 16,189.75	\$ 100.00	\$ 7,500.00	\$ 50.00	\$ 3,750.00	\$ 118.00	\$ 8,850.00	\$ 120.00	\$ 9,000.00	\$ 310.00	\$ 23,250.00	\$ 125.00	\$ 9,375.00	
Subtotal of Schedule A and B (\$)						\$ 809,376.00		\$ 877,119.75		\$ 1,006,900.00		\$ 1,098,059.00		\$ 1,008,860.00		\$ 1,298,500.00		\$ 1,018,850.00		\$ 1,076,875.00	
Estimated Sales Tax @ 8.6% (\$)						\$ 69,606.25		\$ 75,432.21		\$ 86,593.40		\$ 94,432.30		\$ 86,761.10		\$ 111,671.00		\$ 87,621.10		\$ 92,525.25	
Grand Total (\$)						\$ 878,981.25		\$ 952,550.96		\$ 1,093,493.40		\$ 1,192,482.30		\$ 1,095,611.10		\$ 1,410,171.00		\$ 1,106,471.10		\$ 1,169,400.25	

Price Quotation # B229045

WOLSELEY INDUSTRIAL GROUP 3067

INDUSTRIAL PLASTICS DIVISION

740 SOUTH 28TH STREET

WASHOUGAL, WA 98671-2597

Phone : 360-835-2129

Fax : 360-835-3521

Bid No.....: B229045

Bid Date...: 02/10/21

Quoted By: CAL

Customer.: FEL - NORTHWEST (3007)
4100 W MARGINAL WAY SW
SEATTLE, WA 98106-1209

Cust Phone: 206-682-8700

Terms.....: NET 45 DAYS

Ship To.....: FEL - NORTHWEST (3007)
4100 W MARGINAL WAY SW
SEATTLE, WA 98106-1209

Cust PO#..:

Job Name.: BAINBRIDGE HARBOR

Item	Description	Quantity	Net Price	UM	Total
	HDPE BUDGET QUOTE				
PEI17A1040	10X40 IPS DR17 HDPE PIPE	2500	795.000	C	19875.00
	250EA @ 10' OAL				
FSHPCC10	10 STD HDPE PIPE CUT CHG	250	11.432	EA	2858.00
PEI17FT10	10 IPS PC100 DR17 FAB TEE	100	141.324	EA	14132.40
PEI17F2410	10 IPS PC100 DR17 FAB 2PC 45	25	64.929	EA	1623.23
PEI17A1240	12X40 IPS DR17 HDPE PIPE	2500	1119.000	C	27975.00
	250EA @ 10' OAL				
FSHPCC12	12 STD HDPE PIPE CUT CHG	250	13.712	EA	3428.00
PEI17FT12	12 IPS PC100 DR17 FAB TEE	100	159.161	EA	15916.10
PEI17F2412	12 IPS PC100 DR17 FAB 2PC 45	25	80.209	EA	2005.23
	VALID FOR 10 DAYS				
	SUBTOTAL				87812.96
PT-WIG-DISCLAIMER	TERMS	1	0.000	EA	

	FOB: WASHOUGAL WA UNLESS NOTED				
	OTHERWISE				

	AVAILABILITY SUBJECT TO STOCK ON				
	HAND AND CURRENT SHOP SCHEDULE AT				
	TIME OR ORDER. ALL ITEMS SUBJECT				
	TO PRIOR SALE.				

	NON-STOCK, SPECIAL ORDER/FAB ITEMS				
	ARE NON-CANCELLABLE, NON-RETURNABLE				
	AFTER START OF PRODUCTION				

Subtotal: \$87812.96

Inbound Freight: \$0.00

Tax: \$0.00

Order Total: \$87812.96

250,000 gallons of partially treated sewage spill from Bainbridge Island plant

Heavy rains caused thousands of gallons of partially treated sewage to overflow into Eagle Harbor near Bainbridge Island over the weekend.

Credit: Kitsap Public Health District

The approximate location of the Jan. 2-3, 2021 sewage spill as marked by the bullseye.

Author: Associated Press, KING 5 Staff

Published: 8:06 AM PST January 6, 2021

Updated: 8:06 AM PST January 6, 2021

BAINBRIDGE ISLAND, Wash. — About 250,000 gallons of partially treated effluent spilled into Puget Sound from Bainbridge Island's wastewater treatment plant after heavy rainfall temporarily overwhelmed the facility's capacity.

Between 9:30 p.m. Saturday and 12:30 a.m. Sunday, the partially treated water was released through the facility's outfall to Puget Sound after heavy rains "exceeded the plant's capability to fully treat the wastewater." City staff stopped the discharge by reconfiguring the plant to increase capacity.

As a result of this weekend's spill, a [no-contact advisory](#) was issued through Friday for Eagle Harbor, the city said in an [announcement](#) Monday afternoon. People are urged against swimming, wading or recreating in the affected water. If they do come in direct skin contact with the contaminated water, people should wash with immediately with soap and clean water, according to the Kitsap Public Health District.

RELATED: [Operating error causes sewage spill near Discovery Park in Seattle](#)

The overflow is the second such dump into the Eagle Harbor vicinity in about a week's time.

On Dec. 28, the Kitsap Public Health District issued a no-contact advisory due to a blocked sewer main that caused a manhole to overflow. About 5,300 gallons of sewage flowed into Eagle Harbor during that spill. City staff weren't able to determine what caused this blockage, but said they are typically caused by disposable wipes, rags or grease being dumped into the sewer.

Marcus Gerlach

579 Stetson Place SW
Bainbridge Island WA 98110
msg2x4@yahoo.com

February 11, 2021

Clarence Moriwaki, Council Member
Kristen Hytopoulos, Deputy Mayor
Michael Pollock, Council Member

Joe Deets, Council Member
Jon Quitslund, Council Member
Brenda Fantroy-Johnson, Council Member
Leslie Schneider, Council Member

City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, WA 98110

Via E-Mail: council@bainbridgewa.gov

RE: West Eagle Harbor (EH) Beach Sewer Main Project

Dear Bainbridge Island City Mayor and Council Members:

On July 22, 2020, October 19, 2020, November 17, 2020 and February 11, 2021, the City of Bainbridge Island (City) was provided with documents and correspondence regarding a proposed public works department sewer project for the West Eagle Harbor sewer line. The City's Public Works staff recommended a high-pressure, electrically-controlled, individual holding tank system with grinder pumps to replace the existing gravity sewer line. The newly-proposed sewer lines would be dependent on an unreliable power sources as opposed to reliable gravity.

Possible Misstatements by City Officials in Violation of 9A.76

- 1) The City officials originally alleged that a replacement permit on the shoreline could not be issued for the gravity sewer line in Eagle Harbor. This was incorrect. The November 17, 2020 correspondence confirmed that permits were obtainable and a sample permit for a similar project in the City of Bremerton (HPA 129224-2) was provided to the City.
- 2) Simply replacing the existing pipe is less expensive and more reliable than the City's impractical proposal. In reply to the November 17, 2020, letter the City official then claimed that the replacement of the gravity sewer line was "more costly" than the electronically-controlled high-pressure individual holding tank system (See City's December 16, 2020 e-mail). This was a misstatement. The City of Bremerton replaced/installed 3000 feet of sewer pipe (24 inch/diameter) along the shoreline was \$878,981.25. (See Bremerton/ Rognlins bid) The Bremerton project was less costly.

The estimated cost of replacing 2500 ft of (10 ft length x10-inch diameter) HDPE pipe (E.H. gravity sewer line) with cut charge is \$22,733.00. 100 waste line connectors (Fab Tee) are \$14,132.00 and 25 angle connectors are \$1,623.23. The grand total for 10-inch replacement pipe/connectors is \$38,488.63. This price does not include installation/ labor for a less costly alternative to grinder pump/holding tanks. (See Wolseley Price Quote)

- 3) On August 11, 2021, the City's Utility Advisory Committee (UAC) discussed options to move forward with individual grinder pumps and holding tanks, after receiving citizen correspondence regarding the Bremerton sewer project. The City claimed the Bremerton comparison "was not a relevant comparison to the proposed project." In September 2021, the City applied for a \$2,500,000.00 loan (with .94 interest for 20 years) to fund the Eagle Harbor Sewer Complex Project. The projected total cost is likely \$6,068,000.00. On November 2, 2021, a City official quoted BIMC 13.12.010A to support the allegation that property owners must allow the City to concoct new and unreliable sewer service in contravention to an existing reliable gravity flow sewer system. Oddly, the BIMC prevents a septic system where a sewer currently exists- which is what the City is attempting to do with the individual holding tank systems, that will overflow into the harbor during a power outage. Please provide the relevant BIMC that requires a property owner to disconnect from a fully-functional gravity sewer system and re-route the entire property's sewer system to an ill-conceived individual holding tank/grinder pump system.

No property owners voted for the proposed individual holding tank system over the existing gravity sewer system. I have not spoken to any shoreline homeowners who want the City's proposed individual holding tank system. The City will be liable to all homeowners when the individual holding tanks overflow and spill raw sewage into shoreline homes. The City failed to address the requested defense and hold harmless provision to each property owner who is mandated to replace the existing gravity sewer line with an inadequate holding tank. (42 USC § 9607(e)). Please confirm that the City has notified their insurance carrier of the potential liability and provide a copy of the City's risk assessment plan for loss.

Finally, confirm the City officials have been investigated by local law enforcement and referred for prosecution regarding possible violations of RCW 9A.76.

Very truly yours,

/S/

Marcus Gerlach

Enc. Prior correspondence

cc: UAC