APPENDIX C

Community Involvement/Trip Reports

Bristol
ENGINEERING SERVICES COMPANY, LLC

111 W. 16th Avenue, Third Floor
Anchorage, AK 99501-5169
phone (907) 563-0013
fax (907) 563-6713
www.bristol-companies.com

TRIP REPORT

Project: **Dillingham Wastewater Lagoon Relocation Study**

Bristol Project No: 32200002

Reference: Site Alternatives Analysis

Date of Site Visit: July 11-12, 2019

Location of Site Visit: Dillingham, AK

Participants: David Beiswenger (Bristol), Vanessa Wike (Bristol), Andrea Meeks (CRW), Andy Horazdovsky (CRW), Rick Mitchells (Golder)

Thursday, July 11, 2019:

- 8:20 AM – Arrived in Dillingham, picked up luggage and rental cars.
- 9:30 AM – Met with Tod at the City office, discussed trip objectives, City preferences, and access/permissions issues and our coordination with the archaeologist (TrueNorth) and the Denali Commission. We made plans to meet with Jean in the field.
- 10:30 AM – Met with the equipment operator (JJC) and City personnel at the City shop. David and Andy spoke with Denali Commission on the phone regarding the archaeologist's recommendations and the Categorical Exclusion Checklist, and received verbal approval of the Checklist from Denali Commission to dig the test pits on Sites 2 and 3. However, the archaeologist was not able to clear Site 1 to dig test pits during our trip without further investigation and/or having an archaeologist on site during excavation.

  We walked around Site 2, east and northeast of the City shop pad, and located the sewer manhole and assumed below-grade water and sewer main alignment; however, we were unable to find a suitable area to access the area with the mini-excavator to dig the test pits. In general, Site 2 is low-lying and was swampy throughout the majority of the site at the time of our site visit. See Photo 1.
- 11:45 AM – Met with Jean adjacent to Site 2 and discussed the scope of the study and trip objectives. The group agreed that Site 2 was not suitable for a heavy dirt-moving project such as a lagoon. We then drove to the sewer forcemain outfall to view the area at high tide. We took photos of the visible riprap adjacent to the outfall and the recent/ongoing bank armoring effort north of the outfall. This area had been eroding, which exposed or was close to exposing the abandoned sewer main and the active sewer forcemain to/from the lagoon. We walked/drove along the sheet-pile wall to the dock. See Photos 2 and 3.
- 1:00 PM – Hotel check-in, lunch at the Bayside Diner.

- 2:30 PM – Drove southwest to the Kanakanak Hospital and Site 3. We briefly stopped and viewed the hospital's two-cell lagoon from behind the fence. See Photo 4. We then drove to an area west of the hospital (FAA Road?) to view Site 3 from an elevated position. We located higher areas on our maps, which appeared to be accessible from Kanakanak Road and possibly from FAA Road. See Photo 5.
- 3:00 PM – Drove back towards Dillingham and stopped at Site 3 along Kanakanak Road. We walked a portion of the site adjacent to the road and located higher ground to the north as a potential lagoon relocation site. See Photo 6. We were unable contact the property owner prior to the site visit to secure permission to access Site 3 and dig test pits.
- 4:00 PM – Drove down Aleknagik Lake Road to look at potential riprap sources. We stopped at one quarry approximately 16.5 miles from Dillingham and toured the site. We looked at various riprap sizes and weights. It appears that riprap from this quarry was/is being used for armoring along the base of the sheetpile wall and along the bank adjacent to the forcemain outfall. See Photo 7.
- 6:00 PM – Traveled to the forcemain outfall to observe the area during low tide (6:42 PM). We walked along the exposed outfall and the bank adjacent to the existing lagoon. We found what appeared to be survey markers along the bank, possibly used by Edge Surveying and Design for their shoreline erosion analysis. See Photos 8 thru 12.
- 7:30 PM – Adjourned for evening, dinner at the Windmill Grille.

Friday, July 12, 2019:

- 8:00 AM – Breakfast at the Bayside Diner, hotel checkout.
- 11:00 AM – Met with Tod at the City office, discussed trip findings, discussed our plan to dig test pits just off the City shop pad (Site 2). Tod said he would coordinate with City personnel for use of an excavator to dig the test pits.
- 12:00 PM – Rick, David, and Vanessa traveled to the City shop to determine test pit locations while Andrea and Andy took care of other business with the City. We took GPS shots on the City shop building corners, power poles, and proposed test pit locations.
- 12:30 PM – Regrouped at the existing lagoon. We walked the site, observed the pumper truck dumping wastewater into Cell #1, and opened the effluent manhole. We were unable to see the aeration pumps and equipment as the blower building was locked. See Photos 13 and 14. We spoke with Jean and arranged to dig a test pit at Site 2.
- 1:15 PM – Lunch at the Spruce Kitchen.
- 2:30 PM – Vanessa, Andrea, and David checked-in at the airport while Andy and Rick met Jean and City personnel at the City shop to dig a test pit on the northwest side of the City shop pad. David and Vanessa drove to the City shop to observe the excavation and to pick up Andy. Rick stayed to finish documenting the test pit. See Photos 15 and 16.
- 2:45 PM – Returned the rental car, fueled up, and got a ride to the airport.
- 4:05 PM – Departed Dillingham.

Discussion Items:

- During the site visit, we determined that Site 2 was not an appropriate site for a new/ relocated wastewater treatment lagoon; however, the site may be suitable for a smaller, contained wastewater treatment system such as a packaged wastewater treatment plant.
- Following the site visit, the Site 3 property owner (Robert Himschoot) contacted Bristol and said he believed he would be willing to accommodate our investigative effort (test pits) on his property and to contact him to discuss timeline and particulars.
- The riprap quarry we visited (known as the Snake Lake Quarry) was developed and managed by Bristol for a project at the Bristol Alliance Fuels site in Dillingham. Material from this site was/is purchased by the City for the bank armoring effort along the sheetpile wall, adjacent to the forcemain outfall, and along the eroded area north of the outfall.

Photos:

Photo 1 - Site 2 (Looking North from City Shop Pad)

Photo 2 – Bank Armoring/Access Road (Looking North from Outfall at High Tide)

Photo 3 – Sheetpile Wall (Looking Southwest from Outfall at High Tide)

Photo 4 –Kanakanak Hospital Lagoon

Photo 5 - Site 3 (Looking North from FAA Road)

Photo 6 - Site 3 (Looking West from Kanakanak Road)

Photo 7 - Riprap Gravel Pit

Photo 8 - Sheetpile Wall (Looking Southwest from Outfall at Low Tide)

Photo 9 - Bank Armoring Between Sheetpile Wall and Outfall (Looking Northwest from Outfall at Low Tide)

Photo 10 - Forcemain Outfall Armoring (Looking East at Low Tide)

Photo 11 - Bank Armoring/Access Road (Looking North from Outfall at Low Tide)

Photo 12 – Bank/Bluff (Looking North Adjacent to Lagoon)

Photo 13 - Cell #1 Aeration (Looking Southeast)

Photo 14 - Pumper Truck Dumping into Southeast Corner of Cell #1

Photo 15 - Site 2 Test Pit (Northwest Side of City Shop Pad)

Photo 16 - Site 2 Test Pit (Northwest Side of City Shop Pad)

Attachments:

- Conceptual Layouts
  - Site 1 – Defend in Place
  - Site 2 – North of Existing Lagoon
  - Site 3 – Southwest of Existing Lagoon
- Geotechnical Data Report *(to be provided by Golder)*

FIGURE 1
DILLINGHAM, ALASKA
WASTEWATER LAGOON RELOCATION STUDY
SITE 1 CONCEPTUAL LAYOUT

Bristol
ENGINEERING
SERVICES COMPANY, LLC

DATUM:	DATE 8/1/2019	SHEET	
PROJECTION:	DWN. DWB	**1**	
	SCALE 1" = 250'	of	
PROJECT No. 32200002	APPRVD. DWB	3	

FIGURE 2
DILLINGHAM, ALASKA
WASTEWATER LAGOON RELOCATION STUDY
SITE 2 CONCEPTUAL LAYOUT

Bristol
ENGINEERING SERVICES COMPANY, LLC

DATUM:	DATE 8/1/2019	SHEET	
PROJECTION:	DWN. DWB	**2**	
	SCALE 1" = 150'	of	
PROJECT No. 32200002	APPRVD. DWB	3	

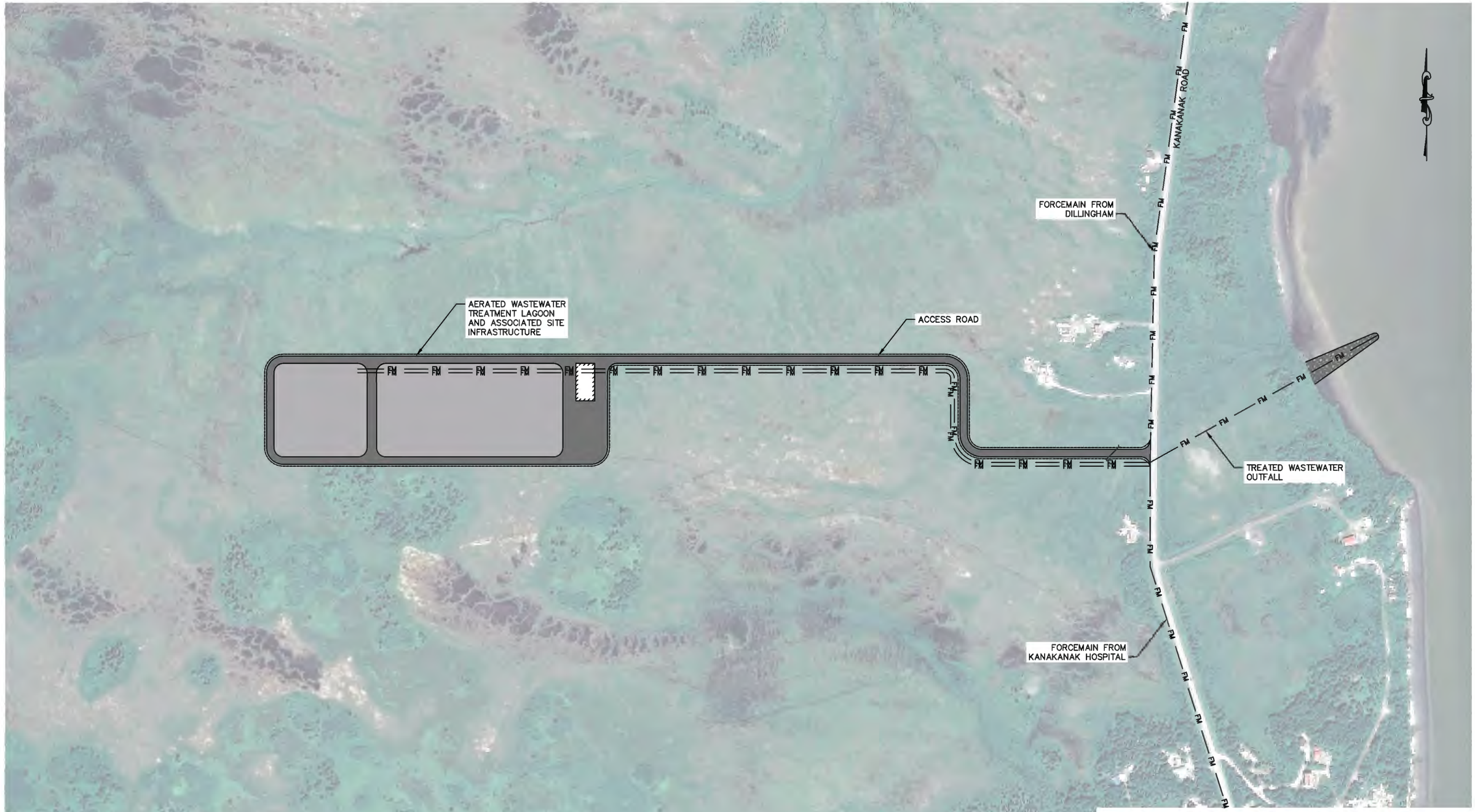

FIGURE 3
DILLINGHAM, ALASKA
WASTEWATER LAGOON RELOCATION STUDY
SITE 3 CONCEPTUAL LAYOUT

Bristol
ENGINEERING SERVICES COMPANY, LLC

DATUM:	DATE 8/1/2019	SHEET
PROJECTION:	DWN. DWB	**3**
	SCALE 1" = 500'	of
PROJECT No. 32200002	APPRVD. DWB	3

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TRIP REPORT

Project: **Dillingham Wastewater Lagoon Relocation Study**

Bristol Project No: 32200002

Reference: Community Meeting/Open House

Date of Site Visit: October 22-23, 2018

Location of Site Visit: Dillingham, AK

Participants: David Beiswenger (Bristol), Vanessa Wike (Bristol), Andrea Meeks (CRW), Andy Horazdovsky (CRW)

Tuesday, October 22, 2019:

- 10:00 AM – Arrived at airport, checked in, met with Andrea and Andy, plane was delayed, had breakfast, plane departed Anchorage a little after 12:00 PM.
- 1:00 PM – Arrived in Dillingham, picked up luggage and rental cars.
- 1:30 PM – Met with Cynthia at the City office, discussed trip objectives and the Community Meeting/Open House. CRW and Bristol made plans to return to the City office around 4:00 PM.
- 2:00 PM – Checked into The Bristol Inn while CRW had other business in Dillingham.
- 4:00 PM – Met with CRW at the City office, set up chairs and exhibits, discussed the agenda/presentation outline and talking points.
- 5:00 PM – Community Meeting/Open House – Engineers from Bristol and CRW gave a presentation on the Draft Dillingham Wastewater Lagoon Relocation Study and answered questions/comments from the audience. See attached sign-in sheet. The following items warrant special note:
    - Comment on the potential use of artificial/engineered wetlands for effluent treatment. Has been used in Alaska (Talkeetna); success is questionable.
    - Concerns over existing facility capacity and accommodating expansion of the City's sewer system into previously unserved areas/subdivisions, mostly on the west side of the community. Current homeowners may want to connect to an extended sewer system. Is the Defend in Place alternative the best for the future sewer expansion area?
    - Comment on ongoing water monitoring at Squaw Creek.

- Some concerns about local drainage impacts from armoring the shoreline in from of the existing lagoon (Defend in Place).
- Comments from Jean Barrett on changing weather patterns and increased impacts to the shoreline.
- Should the shoreline near the lagoon be armored to protect the area regardless of which alternative system is selected?

Photo 1 – Community Meeting Snapshot

- Comments from UAF Professor, Todd Rudenbaugh on upcoming project through NSF that seeks to look at climate change impacts in Dillingham. Will be a 5-year project that focuses on polar adaptation resilience. Meeting on February 22, 2020.
  - Potential (erosion study?) funding opportunities through the "POLARIS" program.
- Gabe Dunham is tracking erosion along Snag Point – will follow up.

- 7:00 PM – Community Meeting/Open House ended.
- 7:30 PM – Adjourned for evening, dinner at the Bayside Diner.

Wednesday, October 23, 2019:

- 8:00 AM –Hotel checkout, fueled and returned rental car to D&J Rentals.
- 8:45 AM – Arrived at airport, departed Dillingham around 10:00 AM, arrived in Anchorage around 11:00 AM.

Discussion Items:

- The Draft Dillingham Wastewater Lagoon Relocation Study and exhibits from the Community Meeting/Open House are available for review and comment at the City office. An electronic copy is also posted on the City's website:

  https://www.dillinghamak.us/index.asp?SEC=09A5589D-2E78-4915-8CAF-472DC3C3B1D5&Type=B_BASIC.

  The review/comment period for the Draft Study will run for one month from October 22 to November 18, 2019.

- Final Draft Study coordination meeting with CRW (week of November 11, 2019?), discussion items:
  - Review/approve Anticipated Design Schedule (attached)
  - Coordination on Archaeological and Geotechnical subcontractors
  - Coordination on Cost Estimating subcontractor, information to HMS
  - Draft Final Report language, figures and exhibits
  - Review any comments from stakeholders
  - Discussion on alternatives and cost estimating organization and content
  - Review period, ITR (Bristol and CRW) prior to Final submittal
  - Final Study submittal

Attachments:

- Community Meeting/Open House Flyer
- Community Meeting/Open House Sign-in Sheet
- Updated Design Schedule

CITY OF
DILLINGHAM
ALASKA

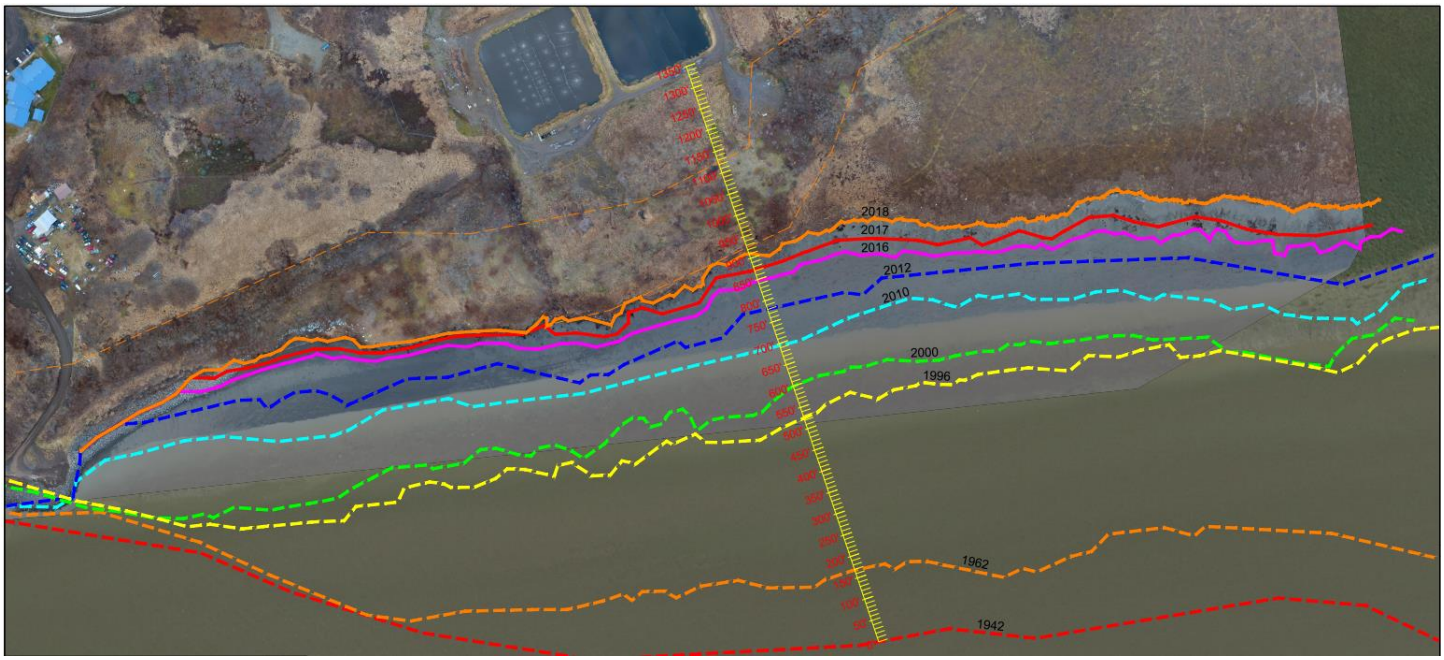
PUBLIC NOTICE: Open House

October 22, 5:00-7:00 PM, City Hall Council Chambers

Concerned About Erosion Impacts to City Infrastructure?

Attend an open house and presentation from CRW Engineering Group, LLC and Bristol Engineering Services, evaluating three options to mitigate potential impacts from recurring erosion at the Wastewater Treatment Lagoon:

- Defend in Place, requiring extension of the seawall to protect the lagoon from future erosion;
- Relocating the lagoon further inland away from the impacts of the continued erosion;
- Relocating the lagoon further south closer to the Kanakanak Hospital.



**This Erosion Mitigation Study was funded with financial assistance from the Denali Commission.*

CRW
ENGINEERING GROUP, LLC
3940 Arctic Blvd. • Suite 300
Anchorage, Alaska 99503
(907) 562-3252 FAX 561-2273

JOB DILLINGHAM OPEN HOUSE

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE 22OCT19

CHECKED BY _____ DATE _____

SCALE _____

SIGN-IN SHEET

NAME	e-mail (if you would like updates)
TYLER Thornton	TYLER@kdlg.org
Todd Rudenbaugh	Ta Rudenbaugh @ alaska.edu
Gabe Dunham	gabe.dunham@alaska.edu
Cameron Poindexter	cameron@choggiung.com
Jean Barrett	harbor@dillinghamak.us
Alice Ruby	alice.ruby@dillinghamak.us
Tod Larson	manager@dillinghamak.us

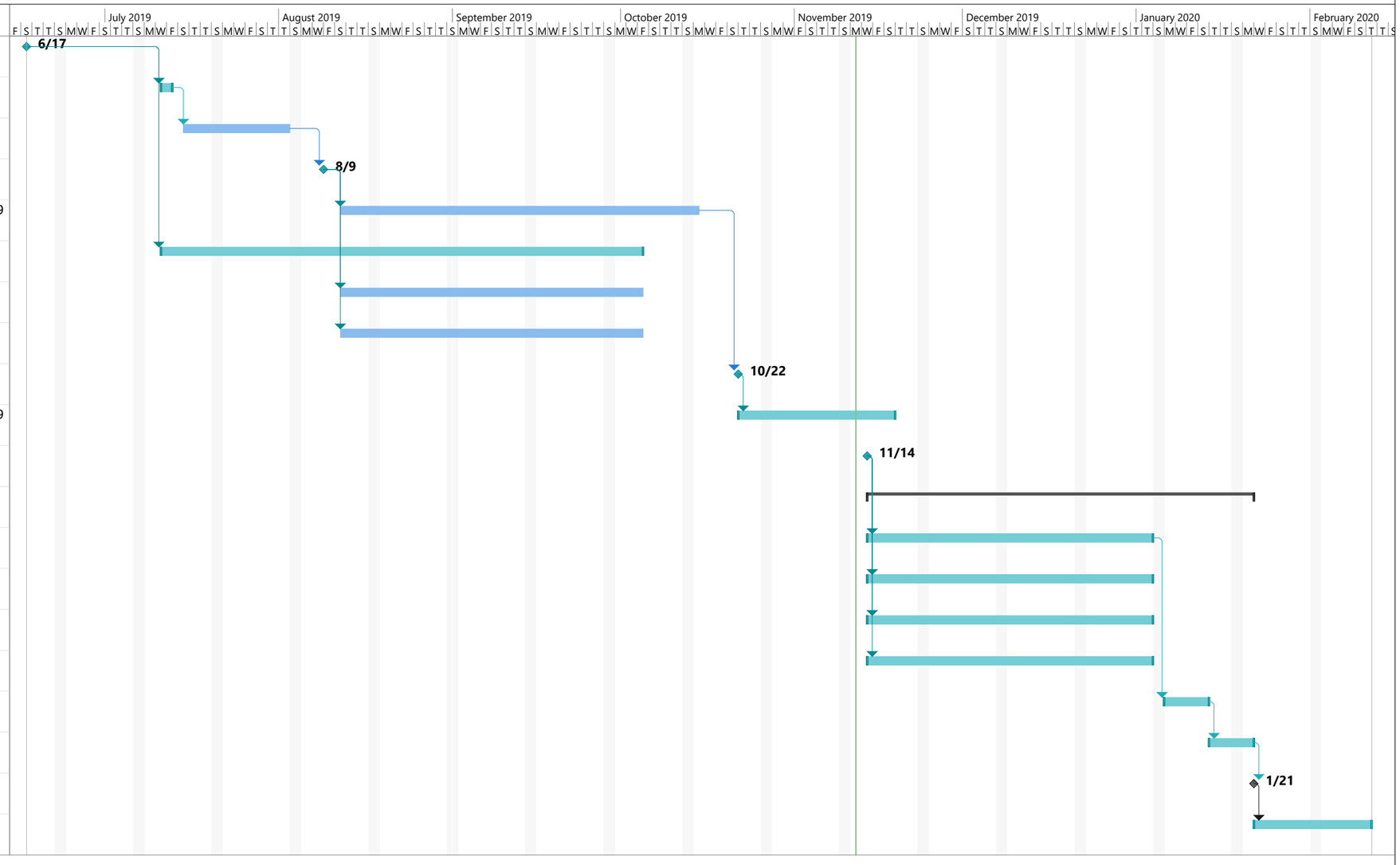
Bristol Engineering Services Company, LLC

Anticipated Schedule

Dillingham Wastewater Lagoon Relocation Study

City of Dillingham
CRW Engineering Group, LLC

ID	Task Name	Duration	Start	Finish
1	**Kick-off Meeting**	0 days	Mon 6/17/19	Mon 6/17/19
2	**Site Visit**	2 days	Thu 7/11/19	Fri 7/12/19
3	Trip Report	15 days	Mon 7/15/19	Fri 8/2/19
4	Coordination Meeting	0 days	Fri 8/9/19	Fri 8/9/19
5	**Draft Study**	46 days	Mon 8/12/19	Mon 10/14/19
6	Geotechnical Investigation	62 days	Thu 7/11/19	Fri 10/4/19
7	Archaeological Analysis	40 days	Mon 8/12/19	Fri 10/4/19
8	Draft Cost Estimating	40 days	Mon 8/12/19	Fri 10/4/19
9	Public Meeting	0 days	Tue 10/22/19	Tue 10/22/19
10	Review Comment Period	20 days	Tue 10/22/19	Mon 11/18/19
11	Coordination Meeting	0 days	Thu 11/14/19	Thu 11/14/19
12	**Draft Final Study**	**49 days**	**Thu 11/14/19**	**Tue 1/21/20**
13	Report Language, Figures, Exhibits	37 days	Thu 11/14/19	Fri 1/3/20
14	Coordination with Stakeholders	37 days	Thu 11/14/19	Fri 1/3/20
15	Coordination with Subcontractors	37 days	Thu 11/14/19	Fri 1/3/20
16	Final Cost Estimating	37 days	Thu 11/14/19	Fri 1/3/20
17	Bristol ITR, Submittal to CRW	6 days	Mon 1/6/20	Mon 1/13/20
18	CRW Review and Comment	6 days	Tue 1/14/20	Tue 1/21/20
19	Coordination Meeting	0 days	Tue 1/21/20	Tue 1/21/20
20	**Final Submittal**	15 days	Wed 1/22/20	Tue 2/11/20



Advantages

- Lowest site development capital costs (approximately $3M). Note that the site development capital costs are independent of the wastewater treatment type (lagoon, packaged treatment plant) and not representative of their respective life-cycle costs (capital, O&M, short-lived assets).
- Maintains all existing wastewater utilities and infrastructure at the existing lagoon site.
- The existing lagoon and potential Site 1 improvements are located on City of Dillingham and Choggiung Limited property, with subsurface rights belonging to Bristol Bay Native Corporation.
- Site 1 is located in an area designated for Public Lands and Institutions including sewer treatment.
- Aerated, partial mix lagoons have been used successfully throughout Alaska for decades. These systems have the ability to meet current minimum discharge standards with low operational and maintenance complexity.
- Planned lagoon improvements (aeration, baffles, and pre-treatment pond) have been designed and are awaiting construction funding.
- Located near the City Shop and operations and maintenance staff.
- Potential benefit of protecting other community infrastructure from erosion such as the AT&T Building, Tower Road/Lil Larry Road, and the Weathering Heights and HUD Subdivisions.

Disadvantages

- Shoreline protection is needed to control coastal erosion risks for extended use of this site.

- No permanent offices at Site 1.
- Site 1 is located adjacent to community development areas. This area could have a greater value for commercial and/or residential uses.

Cultural Resources (True North Sustainable Development Solutions, January 2020)

Site 1 proposes to install treatment improvements at the existing lagoon, construction of a bluff access road, and placement of erosion protection along the bluff embankment. The proposed Area of Potential Effects (APE) for Site 1 is just east of Tower Road at the existing sewer lagoon, and along the shoreline of the Nushagak River. Areas surrounding the proposed APE, as well as a portion of the sewage lagoon access road from Tower Road, were previously surveyed for cultural resources. These surveys resulted in negative findings for cultural resources. Site 1 includes the existing lagoon, which is considered to yield a low-probability for containing cultural resources. The proposed lagoon improvements are assessed as unlikely to impact cultural resources that may constitute historic properties pursuant to Section 106 of the NHPA and its implementing regulations (36 CFR §800).

In addition to the treatment improvements at the lagoon, Site 1 will include removal of vegetation and grading for placement of erosion protection along the embankment. It will also involve the construction of a new access road. This particular scope under Site 1 is in a location considered to have moderate-to-high potential for containing cultural resources and has yet to be investigated for such resources. Based on this desktop survey, shorelines along fresh and saltwater sources have the highest density of cultural resources in the Nushagak Region. As such, it is safe to assume prehistoric and historic cultural resources may be discovered in the areas of Site 1 where construction will take place along the shoreline. It is, therefore, recommended these particular areas (erosion protection and access road) within Site 1 be subject to an on-site survey for cultural resources prior to construction by a professional archaeologist.

Advantages

- Site 2 can support a new lagoon or a new packaged wastewater treatment plant (MBR or MBBR).
- The City Shop and potential Site 2 improvements are located on City of Dillingham property. The area northeast of the City Shop is owned by Choggiung Limited with subsurface rights belonging to Bristol Bay Native Corporation.
- Site 2 is located in an area designated for Public Lands and Institutions including sewer treatment.
- Located inland; with the exception of the outfall, no shoreline erosion concerns at Site 2.
- Easily accessible by operations and maintenance staff.

Disadvantages

- High site development capital costs (approximately $7.8M). Note that the site development capital costs are independent of the wastewater treatment type (lagoon, packaged treatment plant) and not representative of their respective life-cycle costs (capital, O&M, short-lived assets).
- Site 2 is located adjacent to residential areas; potential for visual, vector, safety, and odor concerns; potential concerns regarding nearby property values.
- Proximity to airport (within 10,000 feet) will likely require FAA coordination including a Wildlife Hazard Management Plan and implementation of mitigation techniques.
- There are no sanitation utilities or infrastructure in the proximity of Site 2. The implementation of wastewater treatment improvements at Site 2 would a require significant design and

construction efforts to reroute the existing wastewater stream to, and from, the new treatment system.

- A new wastewater treatment system at Site 2 would require substantial development to accommodate new site infrastructure including, but not limited to, earthwork (excavation and backfill), road, parking lots, water service, electric service, a pumper truck dump station, and security fencing.
- Requires closure/decommissioning of the existing lagoon site.

Cultural Resources (True North Sustainable Development Solutions, January 2020)

Site 2 proposes the construction of wastewater treatment improvements adjacent to the City Shop and includes significant site development and the installation of sewer and water lines beneath West 2nd Avenue and West E Street. This area has not been subject to any previous cultural resources investigations. The land to the north of the existing City Shop pad proposed for development is a mixed habitat of wetlands consisting of low-lying tundra, grasses, and willow thickets. Small ponds and areas where water is pooling scatter the landscape. Based on the predictive model for identifying cultural resources, Site 2 is assessed as being proposed in an area considered to have low probability for containing cultural resources. Moreover, the installation of utility lines as part of the site development and construction of the wastewater treatment improvements will be serviced from within the confines of the existing roadbed. As would be expected, this roadbed is heavily disturbed from road construction and maintenance, with layers of compacted gravels and soils previously placed onsite during past road improvement activities. The proposed APE for this site is, therefore, assessed as having a very low likelihood for encountering undocumented resources during construction. As such, construction could proceed with no further investigation.

Advantages

- Site 3 can support a new lagoon or a new packaged wastewater treatment plant (MBR or MBBR).
- Located inland; with the exception of the outfall, no shoreline erosion concerns at Site 3.
- Promotes expansion of the City's wastewater system to the south west of the community.
- Located near Kanakanak Hospital; potential for future connection from Hospital.
- Located in low density residential area.
- Greater than 10,000 feet from airport; no hazardous wildlife attractant considerations/ coordination with FAA anticipated.

Disadvantages

- Highest site development capital costs (approximately $15.5M). Note that the site development capital costs are independent of the wastewater treatment type (lagoon, packaged treatment plant) and not representative of their respective life-cycle costs (capital, O&M, short-lived assets).
- Site 3 is located on private property; coordination and negotiations will be required to purchase and/or secure use of the property.
- The outfall area at Site 3 is considered to have a high potential for containing undocumented cultural resources, which will likely require regulatory oversight prior to and during construction.
- There are no sanitation utilities or infrastructure in the proximity of Site 3. The implementation of wastewater treatment improvements at Site 3 would require significant design and

construction efforts to reroute the existing wastewater stream to, and from, the new treatment system.

- A new wastewater treatment system at Site 3 would require substantial development to accommodate new site infrastructure including, but not limited to, earthwork (excavation and backfill), road, parking lots, water service (well), electric service, a pumper truck dump station, and security fencing.
- Requires closure/decommissioning of the existing lagoon site.
- Less accessibly by system operations and maintenance staff.

Cultural Resources (True North Sustainable Development Solutions, January 2020)

Site 3 proposes to construct wastewater treatment improvements south of Dillingham, along Kanakanak Road. A new access road will be constructed to extend west of the existing road to the new wastewater treatment system. An effluent sewer water line will be installed from the lagoon, along the access road, to the east side of the Kanakanak Road, where a new outfall will be placed. Marine outfall is typically a pipeline or tunnel that discharges wastewater to the sea. Additional pipeline installation will be required beneath Kanakanak Road for connecting areas from Dillingham and possibly to the Kanakanak Hospital.

The area for the proposed wastewater treatment improvements and access road was previously surveyed for cultural resources. The area was considered a low probability at that time of the cultural resources investigations and the results from the surveys were negative. These previous cultural resources investigations were associated with Kanakanak Road and a Native allotment. The investigation undertaken on the Native allotment that once comprised what is now the project area was carried out in the early 1980s. More recent surveys at the Kanakanak Hospital suggests the area may yield a more moderate probability for containing cultural resources, particularly unmarked graves. As such, it is recommended this portion of Site 3 be subject to an on-site survey for cultural resources prior to construction by a professional archaeologist.

The area proposed for the new outfall zone is set along the shoreline of the Nushagak River and directly south of a freshwater stream that empties into the river. Site density in the Nushagak Region has been determined to be the highest along fresh and saltwater shorelines. Cultural resource recorded on the Alaska Heritage Resource Survey database for this area are prevalent at the confluences of streams and creeks, particularly along the Nushagak River. As such, the proposed outfall area is considered to have a high potential for containing undocumented cultural resources. More importantly, areas on and adjacent to the Kanakanak Hospital Campus have been known to contain unmarked graves. As such, the outfall installation should be monitored for cultural resources by a professional archaeologist during all construction activities.

Beiswenger, David

From: Andrea Meeks <ameeks@crweng.com>
Sent: Wednesday, March 25, 2020 10:33 AM
To: Beiswenger, David; Andy Horazdovsky; Wike, Vanessa
Subject: RE: DLG Relocation Study Coordination Items

[External Email]

Good Morning All,

Looks good, David, thank you. I heard back from Cynthia:

Andrea,

I went back to my notes and must apologize. Site 1/Alt. 2 should have been 4. Site 2/Alt. 2B should have been 3. It may be time to schedule my annual eye exam! I appreciate you following up. Thank you. Let me know if there is anything more needed on this.

Best,

Cynthia

It was a good call to reach out to her.

Let's rock and roll!

Andrea
Cell 980-5510

From: Beiswenger, David [mailto:dbeiswenger@bristol-companies.com]
Sent: Wednesday, March 25, 2020 10:22 AM
To: Andrea Meeks <ameeks@crweng.com>; Andy Horazdovsky <AHorazdovsky@crweng.com>; Wike, Vanessa <vwike@bristol-companies.com>
Subject: RE: DLG Relocation Study Coordination Items

Good morning,

Attached, please find my notes from the telecon on Monday. Please review and let me know if you have any edits/additions.

Thanks,

David W. Beiswenger, P.E.
Civil Engineer III

Beiswenger, David

From: Andrea Meeks <ameeks@crweng.com>
Sent: Friday, March 20, 2020 4:35 PM
To: Beiswenger, David; Andy Horazdovsky; Wike, Vanessa
Subject: RE: DLG Wastewater Treatment Relocation Study - Final Coordination Meeting

[External Email]

Hey Everyone,

Here are the conference call details.

Participants may call in up to 10 minutes ahead of time to be in the queue. Please call the conference bridge number followed by the conference password as prompted.

Conference Bridge Number: **646-5699**
Participants: **4**
Conference Password: **111912200**
Start Date and Time: **Monday, March 23rd at 2:00 PM**, AK time for 2.5 hours.

I heard back from Cynthia. They are happy with the study and provided the following matrix info:

Alternative	Community Preference
Site 1/Alt. 1	5
Site 1/Alt. 2	3
Site 2/Alt. 1	2
Site 2/Alt. 2A	1
Site 2/Alt. 2B	4
Site 3/Alt. 1	3
Site 3/Alt. 2A	1
Site 3/Alt. 2B	2

Have a good weekend. Wash those mitts! ☺

-----Original Appointment-----
From: Beiswenger, David [mailto:dbeiswenger@bristol-companies.com]
Sent: Tuesday, March 03, 2020 8:57 AM
To: Beiswenger, David; Andrea Meeks; Andy Horazdovsky; Wike, Vanessa
Subject: DLG Wastewater Treatment Relocation Study - Final Coordination Meeting
When: Monday, March 23, 2020 2:00 PM-4:00 PM (UTC-09:00) Alaska.
Where: Conference Room (AK) (Large)

Please let me know if there is a better time on Monday.