

**ASSEMBLY STANDING COMMITTEE  
PUBLIC WORKS AND FACILITIES COMMITTEE  
THE CITY AND BOROUGH OF JUNEAU, ALASKA**

December 4, 2017 12:00 PM  
Municipal Building - Assembly Chambers

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**I. CALL TO ORDER**

**II. APPROVAL OF MINUTES**

**III. PUBLIC PARTICIPATION on NON-AGENDA ITEMS**

**IV. ITEMS FOR ACTION**

- A. Landslide & Snow Avalanche Hazard Mapping Grant Request

**V. INFORMATION ITEMS**

- A. Biosolids Update

**VI. CONTRACTS DIVISION ACTIVITY REPORT**

- A. November 15, 2017 to November 29, 2017

**VII. ADJOURNMENT**

ADA accommodations available upon request: Please contact the Clerk's office 72 hours prior to any meeting so arrangements can be made to have a sign language interpreter present or an audiotape containing the Assembly's agenda made available. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: [city.clerk@juneau.org](mailto:city.clerk@juneau.org)



Emergency Programs Division  
[tom.mattice@juneau.org](mailto:tom.mattice@juneau.org)  
(907) 586-0419 • (907) 209-9207  
155 South Seward Street, Juneau, AK 99801

November 29, 2017

MEMO

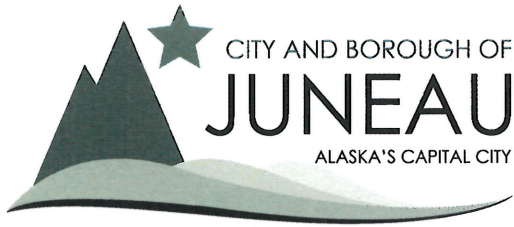
From: Tom Mattice, Emergency Programs Manager

To: Public Works Committee

Re: Grant Funding Request for Updating Juneau Borough's Landslide and Snow  
Avalanche Hazard Mapping

The objective of the proposed project is to develop an updated hazard map for landslides, debris flows, and snow avalanches for the Juneau Borough. Existing Juneau hazard mapping is 50 years old and outdated, particularly for designing and defending existing and future land use zoning and regulations. Recent availability of high-resolution digital topography in the Borough (1-meter LiDAR digital elevation models) along with advanced computer modeling and mapping of landslide - debris flow - snow avalanche hazards will support Juneau's acquisition of modern and improved hazard mapping which will allow us to implement best practices for future zoning.

*Tom Mattice*

**Engineering & Public Works Department**

155 South Seward Street

Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: December 4, 2017

TO: Loren Jones, Chair  
Public Works and Facilities Committee

FROM: Roger Healy, PE, Director  
Engineering and Public Works Department

SUBJECT: Biosolids Update

Engineering and Utilities staff have continued moving the wastewater biosolids project forward.

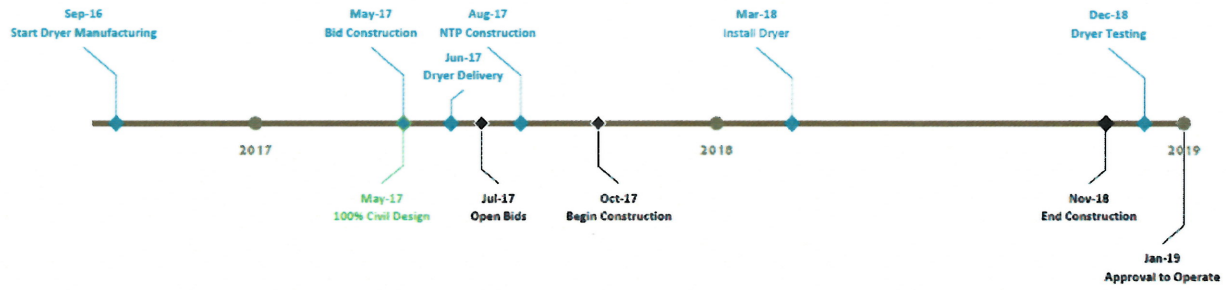
HEADWORKS PROJECT:

A project to improve screening capabilities at the Juneau-Douglas and Mendenhall wastewater treatment facilities is underway. Two new mechanical screens are being installed at each facility. A building was expanded to house new wastewater channels and the new screens at the Juneau Douglas Treatment Plant. The first screen was commissioned on November 21 and is currently operating as designed. The second screen is scheduled to be commissioned in the next couple of weeks, and the project should be substantially complete by mid-December. Due to delayed materials procurement, the new screens will not be installed at the MWWTP until spring of 2018. Installation of the new screens at the MWWTP requires substantial rerouting of the influent wastewater piping. Screen installation at the MWWTP is expected to be complete by mid-May of 2018. The screening improvements from this project will help to create a better sludge product for processing through the biosolids dryer. Carver Construction was the low bidder on the project at \$2.4 million.

DRYER PROJECT:

Staff worked with DOWL consultant team to complete the design of the Biosolids Dryer Facility and bid project in late May. Construction bids were opened in early July. There were two bidders and Dawson Construction was the low bidder. Dawson Construction began work on the project at the beginning of October and the work has been progressing steadily according to plan. Dawson has chosen to leave the existing structure in place while they perform all the underground work and new concrete floor slab this winter. In the spring, Dawson plans to demolish the existing structure and constructing the new building that will house the dryer equipment. The dryer supplier, Kruger, fabricated the dryer in Juneau during spring of 2017 due to the dryer's overall dimensions (20' wide x 59' long x 20' tall). Kruger is currently shipping additional waste processing equipment to Juneau that, along with the dryer, are being stored near the site awaiting installation in the spring of 2018.

Staff anticipates the Biosolids Dryer project to proceed as follows through final construction:



cc: Rorie Watt, City Manager  
Michele Elfers, Chief Landscape Architect

John Bohan, Chief CIP Engineer  
Nathan Coffee, City Architect

**MEMORANDUM**

TO: Roger Healy, P.E.  
Engineering & Public Works Director

FROM: Greg Smith  
Contract Administrator

Date: November 30, 2017

SUBJECT: Contracts Division Activity  
November 15, 2017 to November 29, 2017

***Current Bids – Construction Projects >\$50,000***

BE17-207	Douglas Highway Water Main Replacement	Estimate \$2,416,260. Bids due 7/26/17. 4 bids received. Miller Construction apparent low bidder, \$1,694,125. Assembly Approved on 9/18/17. NTP issued 10/5/17
BE18-033	JNU Gate 2 Passenger Boarding Bridge	Estimate \$2.16 mil. Bids due 2/6/18.
BE18-025	Pederson Hill Subdivision, Phase 1	Estimate \$3 mil. Bids due 11/16/17. 5 bids received. Coogan Construction low bidder. Assembly approved 11/27/17. Award in progress.
BE17-254	Retaining Wall Cleaning and Sealing 2017	Estimate \$80,000. Bids due 12/16/17.
BE18-098	Downtown Street Improvements – Phase II	Estimate \$1,979,000. Bids due 12/12/17.
BE18-074	Glacier Fire Station Roof Replacement	Estimate \$425,000. Bids due 12/14/17.
BE18-081	Sayèik Gastineau Community School Native Burial Ground Monument	Estimate \$110,000. Bids due 12/8/17.

***Current RFP's – Services***

RFP E18-125	Design Services for Birch Lane Pavement and Drainage Improvements	Proposals due 11/1/17. 4 proposals received. PDC Engineers selected. Negotiation letter sent 11/15/17.
RFP E18-130	Design Services for D and H Street – Douglas – Paving Improvements	Proposals due 11/7/17. 3 proposals received. proHNS selected.
RFP E18-101	Design and CA for Dzantik'I Heeni and Marie Drake Schools HVAC Control Upgrade	Proposals due 10/10/17. 3 proposals received. PDC Engineers, successful proposer. Negotiation letter sent 11/6/17.
RFP E18-119	Maier Drive Force Main Replacement	PND Engineers, \$88,715. Routing for signatures.
MR E18-124	Design Project Playground Rebuild Resolicitation	Corvus Design, \$108,448.65. Routing for signatures.
RFP E18-135	Design Services for Salmon Creek Water Filtration Plant Improvements	Proposals due 12/12/17.
CFA E18-080	Design and Production of a Fire Dish (Art) for the Native Burial Ground Monument at Sayèik Gastineau Community School	Art proposals due 11/16/17. Nicholas Galanin selected artist. Negotiations underway.
RFP E18-158	Design Services for Downtown Wayfinding and Interpretive Element	Proposals due 12/21/17.
RFP E18-147	Rainforest Recovery Center Detox Addition	Proposals due 12/6/17.

**Current RFP's – Services (Cont'd.)**

RFP E18-157	CA & Inspection Services for Pederson Hill Subdivision	Proposals due 12/19/17.
RFP E18-164	Term Contract for Electrical Services	Proposals due 12/20/17.

**Other Projects – Professional Services – Contracts, Amendments & MR's >\$20,000**

RFP E15-263	A1 – CBJ Biosolids Belt Dryer Systems	Veolia Water Technologies, Inc., \$77,698. Routing for signatures.
MR E17-166(PND)	PA4 – Mendenhall Wastewater Treatment Plant Biosolids Dryer Facility Soils, Utilities, and Asphalt Special Inspection and Supervision	PND Engineers, Inc., \$44,930. NTP issued 11/29/17.
RFP E18-089	Seawalk Design Services Franklin Dock to AJ Dock	PND Engineers, Inc., \$75,526. Processing 11/30/17.

**Construction Change Orders (>\$20,000)**

E16-096	CO 2 - Governor's House Area Road	Admiralty Construction, \$100,550.82. Bonding letter sent 11/15/17.
E16-096	CO 3 – Governor's House Area Road	Admiralty Construction, \$50,000. Bonding letter sent 11/15/17.
BE17-137	CO 2 – Downtown Street Improvements – PH I	Arete Construction, \$72,678.95. Bonding letter sent 11/20/17.

Reassignment of several contracts due to the sale of the original firm.

MR E17-166 – Term Contract for Professional Services. This solicitation is open for the next three years. Consultants continue to submit proposals. Contracts are in progress and underway.

**Key for Abbreviations and Acronyms**

<b>A</b>	Amendment to PA or Professional Services Contract
<b>CA</b>	Contract Administration
<b>CO</b>	Change Order to construction contract or RFQ
<b>MR</b>	Modification Request – for exceptions to competitive procurement procedures
<b>NTE</b>	Not-to-exceed
<b>NTP</b>	Notice to Proceed
<b>PA</b>	Project Agreement - to either term contracts or utility agreements
<b>RFP</b>	Request for Proposals, solicitation for professional services
<b>RFQ</b>	Request for Quotes (for construction projects <\$50,000)
<b>RSA</b>	Reimbursable Services Agreement
<b>SA</b>	Supplemental Agreement