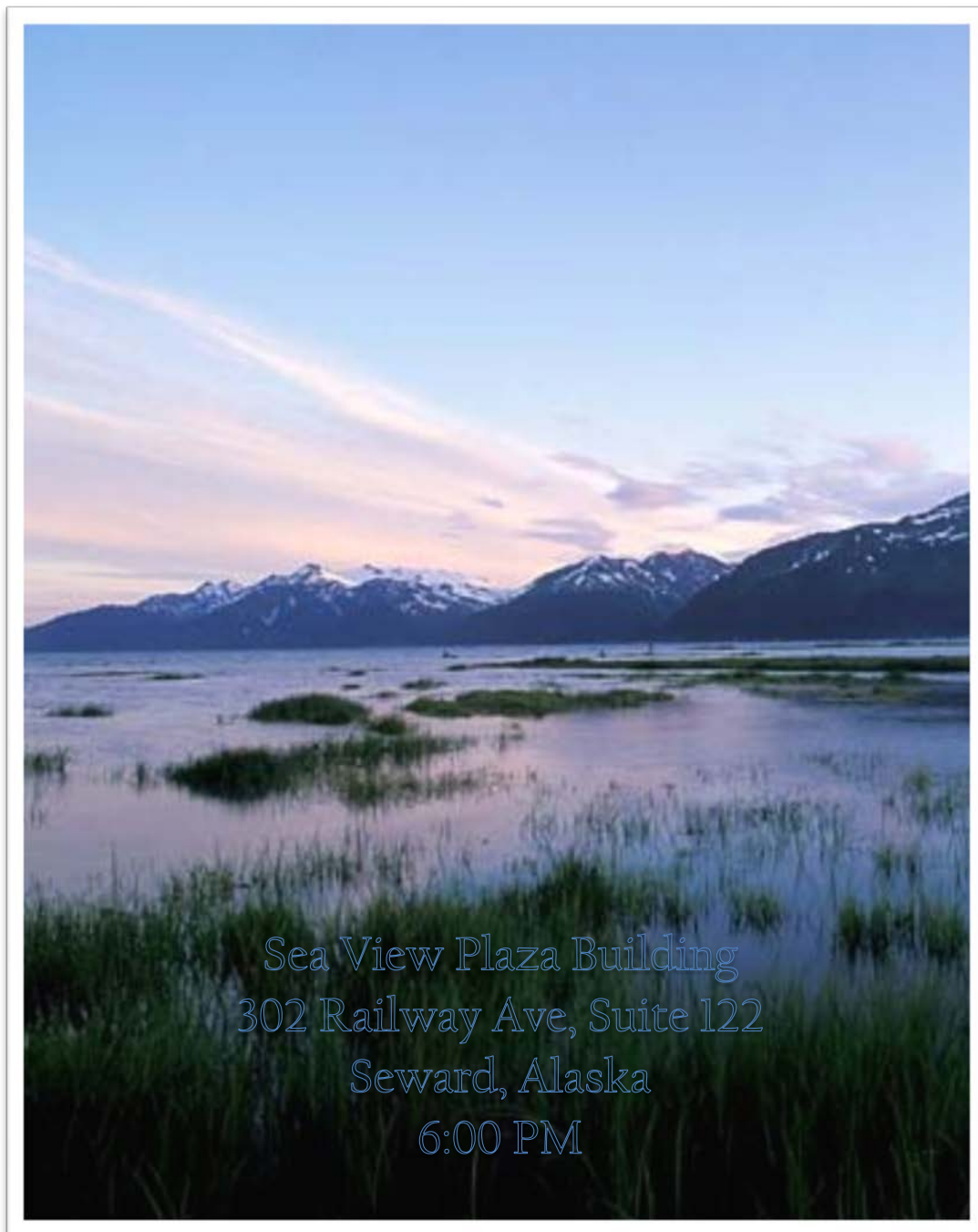


Seward/ Bear Creek Flood Service Area  
Regular Board Meeting  
1 May 2017

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The mission of the Seward/Bear Creek Flood Service Area is to provide flood planning, protection, and mitigation services in coordination with the appropriate agencies, to reduce the risk of flood damage to private and public property, through addressing issues that best reflect a fair use of the tax-levy for watershed-wide benefit.

# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Agenda

6:00 pm

May 1, 2017

KPB Seward Annex

A Karl VanBuskirk  
Board Member  
Term Expires 10/2017

B Robert Reisner  
Board Member  
Term Expires 10/2018

C Jessica Gal  
Board Member  
Term Expires 10/2019

D VACANT  
Board Member  
Term Expires 10/2017

E Randy Stauffer  
Vice Chairman  
Term Expires 10/2018

F VACANT  
Board Member  
Term Expires 10/2019

G Mark Ganser  
Board Member  
Term Expires 10/2019

- A. CALL TO ORDER
- B. ROLL CALL
- C. APPROVAL OF AGENDA
- D. APPROVAL OF MINUTES
  1. April 3, 2017 pg. 1
- E. REPORTS & PRESENTATIONS
  1. Seward High School Drone Flyers
  2. City of Seward
  3. Kenai Peninsula Borough
- F. PUBLIC COMMENTS – LIMIT 3 MINUTES
- G. BOARD’S RESPONSE TO PUBLIC COMMENTS
- H. CORRESPONDENCE & REVIEW OF PAYMENT REQUESTS
  1. Williamson Resignation Letter pg. 6
  2. State DOT Seward Airport – Agency Scoping Response pg. 7
- I. PERMITS FOR REVIEW
  1. City of Seward Old Mill Utility Looping Construction Project pg. 9
  2. KRC# Reese Sawmill Creek Gravel Extraction pg. 12
- J. UNFINISHED BUSINESS
- K. NEW BUSINESS
  1. Election of Officers
  2. SBCFSA FY18 Mayor’s Proposed Budget pg. 21
  3. Establish May Work Session Topic pg. 24
- L. INFORMATIONAL ITEMS AND REPORTS (No action required)
  1. STARR Region X Newsletter pg. 25
  2. Risk Map Update pg. 29
  3. Snow River Dam Update pg. 31
- M. PUBLIC COMMENT – LIMIT 3 MINUTES
- N. BOARD COMMENTS
- O. ADJOURNMENT

# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Minutes

April 3, 2017

### A. CALL TO ORDER

A regular meeting of the Seward/Bear Creek Flood Service Area board was held on April 3, 2017, at Suite 122, Sea View Plaza, Seward. Vice Chairman Randy Stauffer called the meeting to order at 6:00 p.m.

### B. ROLL CALL

There were present:

#### BOARD MEMBERS

Randy Stauffer, Vice Chairman  
Karl VanBuskirk  
Robert Reisner

Jessica Gal  
Mark Ganser

Comprising a quorum of the flood service area board.

Absent: Bill Williamson (excused)

Also in attendance were:

Kenn Carpenter, Kenai Peninsula Borough Assembly Member  
Donna Glenz, City of Seward Planner  
Stephanie Presley, Service Area Coordinator

### C. APPROVAL OF AGENDA (00:30)

MOTION TO APPROVE AGENDA: VanBuskirk moved for approval of the agenda. Reisner seconded.

Vice Chairman Stauffer called for amendments to the agenda.

VOTE TO APPROVE AGENDA: Unanimous.

### D. APPROVAL OF MINUTES (00:50)

#### I. March 6, 2017

MOTION TO APPROVE MINUTES: VanBuskirk moved for approval of the March 6, 2017 meeting minutes. Gal seconded.

Vice Chairman Stauffer called for additions, corrections or deletions to the minutes with none offered.

VOTE TO APPROVE MINUTES: Unanimous.

### E. REPORTS & PRESENTATIONS (01:30)

#### I. Donna Glenz, City of Seward Planner reported

- a. The City has issued no new floodplain permits issued since the last meeting.
- b. City Planning & Zoning will review a replat tomorrow night vacating interior lot lines creating a single 9,000 square foot parcel. This parcel is located just north of Adams on Sixth Avenue. The owner intends to remodel the existing home into a duplex.
- c. A couple notes from the harbor, the work continues on the Seward Marine Industrial Center (SMIC) breakwater project. The contractors are still placing rock for the breakwater project. They are still hauling rock from Kodiak now that the weather has calmed down enough to get out there. Work also continues in other areas of the SMIC



# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Minutes

April 3, 2017

- uplands on other planned improvements. The harbor crew have been extremely busy with lots of boat lifts early in the season, boats are being placed back into the water earlier this year. Flip Foldager at the harbor is retiring at the end of the month after 25 plus years with the City.
- d. Public Works Director, Doug Schoessler, has stated that this year's Lowell Creek tunnel repairs are almost done. Concrete is still covered while it cures. The inlet of the tunnel had a few avalanches over the weekend and the final inspection was cancelled. The crew needs to dig out the inlet and remove all equipment and work material from the inlet side and then demobilize the whole work site. He estimates the contractor will be on site for one to two weeks more.
  - e. With the snow and ice melting and spring well on its way, Parks and Rec have a number of events planned around town. The Easter Egg Hunt and the Diaper Derby are both scheduled for April 15<sup>th</sup>. The Adult Volleyball Tournament is April 29<sup>th</sup> and the annual Flea Market at Sports & Rec is this Saturday, April 8<sup>th</sup>. Seward is fast approaching the summer season.
  - f. The City Comprehensive Plan update is moving along nicely. The Planning & Zoning Commission will make their recommendation to Council at a special meeting on April 18<sup>th</sup>.
  - g. She wished board members a very nice Easter.

**Kenn Carpenter, Kenai Peninsula Borough Assembly Member** was welcomed by the board members.

**Stephanie Presley, Service Area Coordinator** reported

- a. On the US Army Corps of Engineers Section 205 project on Salmon Creek, the Corps internal review of the design plans will start this week. We are waiting to hear from the State Department of Natural Resources on the easements for the parking area and access road. Hopefully, they will provide a positive determination early April. If there is an appeal period, the construction award date will need to be pushed back. The team would like to set a neighborhood meeting at the board work session May 15<sup>th</sup>.
- b. On Lost Creek, Metco is going to provide a per linear foot price so we can complete the change order request for the additional 150 feet downstream. They are planning to start in the next few weeks and be completed by the end of the month.
- c. Borough Land Management met with CIRI and have a plan for permitting the Box Canyon and Sawmill Creek projects. CIRI will issue the permit to the contractor selected by the borough. So the contractor will have to apply for the land use permit online and attach our scope of work. Then they anticipate about two weeks for CIRI to process and prepare a permit for execution by the contractor. The contractor would return the signed permit with a certificate of insurance naming CIRI as additionally insured. For Box Canyon, CIC out of Sterling was the low bidder at \$8,800 and will be awarded the contract. They mobilized a D8 to Seward today in anticipation of the roads weight restriction. If the CIRI permitting plan works as expect, the restoration of the embankment could be completed by the end of April.
- d. We are still waiting on a land use permit from the State Department of Natural Resources on the embankment restoration project on Sawmill Creek.

# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Minutes

April 3, 2017

- e. On the Salmon Creek parcel acquisition and reclamation project, we are still waiting on staff at The Conservation Fund to get back to us on what options might be available for funding and partnership. They have been waiting on the US Army Corps of Engineers authority from congress.
- f. Staff followed up with the FEMA region 10 flood insurance specialist following the last meeting when Mr. McCarty came in to discuss the flood insurance requirement that were being place on him from his lender. The FEMA specialists had this to say: The federal requirement for flood insurance is for structures in the Special Flood Hazard Area that have federally secured mortgages. It is up to the lender to make the flood zone determination and decide if the flood insurance requirement applies. FEMA does not have jurisdiction over lenders. She did offer some guidance to the land owner, including requesting the lender's flood determination company do a manual review of the Flood Insurance Rate Map, or they can request a flood determination review from FEMA. Even if they are found to be out as shown, the lender can still require insurance as a condition of the mortgage. I forwarded the information on to Mr. McCarty.
- g. The Emergency Medical Services workgroup, originally created under the KPB Healthcare Task Force in 2015, is working toward a new highway corridor emergency service area concept for the borough. They are focusing on the highway right-of-ways from the edge of Sterling, Cooper Landing, Hope, Moose Pass, and down to the edge of the Bear Creek Fire Service Area. They are holding an informational meeting at the Seward Library at 2pm this Friday, April 7<sup>th</sup>.
- h. The city and service area staff have drafted the annual spring newsletter, laid down for your review. It will go to print at the borough print shop tomorrow and be delivered to the post office next week.
- i. Spring Permitting Day has been scheduled for April 20<sup>th</sup>, 10am-2pm at the Seward Library downstairs community room.
- j. As a reminder, service area board seat F is still vacant. Interested residents can submit an application in this office and be appointed until the election in October.

### F. PUBLIC COMMENTS – LIMIT 3 MINUTES (15:15)

Vice Chairman Stauffer called for public comment.

Glenn Schiff, half mile on Nash Road commented before they left the state in the fall, there were a couple guys doing surveying on the Nash Road Bridge on Salmon Creek. They were doing some testing on flows. He was curious what the results were and if they let the board know or send a document.

### G. BOARD'S RESPONSE TO PUBLIC COMMENTS (17:15)

Vice Chairman Stauffer called for board member comment.

Vice Chairman Stauffer responded he is not aware of anything and asked staff to comment.

Ms. Presley asked if it was related to the airport project or Alaska Fish & Game. She added it may have been Department of Transportation (DOT) since they have talked about working together to clean out the bridges.

# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Minutes

April 3, 2017

Board Member Reisner stated he knows what is going on out there and there is more gravel getting deposited where the Schiffs are at and he has watched it grow season after season for years now. It is getting to be a flow issue.

Vice Chairman Stauffer stated the service area has talked about purchasing the land in that area too, from a private owner. There has been some question about where the DOT right-of-way is versus his land in the little turn out there right across from Mr. Schiff's driveway. They may have been looking at that, but did not contact the service area.

### H. CORRESPONDENCE & REVIEW OF PAYMENT REQUESTS (19:40)

#### 1. Approval of Postage for Spring Floodplain News

MOTION TO APPROVE POSTAGE: VanBuskirk moved to approve postage of \$424.98 for the spring newsletter. Reisner seconded.

VOTE ON MOTION: Unanimous.

### I. PERMITS FOR REVIEW (19:25)

#### 1. KPB File 2017-026 Petition to Vacate Section Line Easement

There was no action taken on this item.

### J. UNFINISHED BUSINESS (31:10) None.

### K. NEW BUSINESS (31:15)

#### 1. Approval of SBCFSA Revised By-laws

MOTION TO APPROVE SBCFSA BY-LAWS: VanBuskirk moved to approve the revised SBCFSA By-laws as written. Gal seconded.

VOTE ON MOTION: Unanimous.

#### 2. Approval of SBCFSA Board Member Handbook

MOTION TO APPROVE HANDBOOK: VanBuskirk moved to approve the SBCFSA Board Member Handbook as written. Reisner seconded.

VOTE ON MOTION: Unanimous.

#### 3. Establish April Work Session Topic

MOTION TO ESTABLISH WORK SESSION: VanBuskirk moved to establish the April work session topic: Sawmill Creek Site Specific Flood Mitigation Plan. Gal seconded.

VOTE ON MOTION: Unanimous.

### L. INFORMATIONAL ITEMS AND REPORTS (44:30) (No action required)

1. STARR Region X Newsletter
2. KPB Electronic Bidding
3. KPB Risk Map Resilience Meeting
4. KPB Town Hall Meeting April 5<sup>th</sup>
5. Reminder of KPB Roads Service Area Seward Meeting April 11<sup>th</sup>
6. Reminder of KPB Assembly Seward Meeting April 18<sup>th</sup>

# SEWARD/ BEAR CREEK FLOOD SERVICE AREA

## Regular Board Meeting Minutes

April 3, 2017

### 7. Streambank Rehabilitation Workshop Soldotna May 9<sup>th</sup>-10<sup>th</sup>

#### M. PUBLIC COMMENT – LIMIT 3 MINUTES (55:15)

Vice Chairman Stauffer called for public comment with none offered.

#### N. BOARD COMMENTS (55:30)

Vice Chairman Stauffer called for board member comments.

Board Member Reisner welcomed Mr. Carpenter and thanked Ms. Glenz. He added it is important to keep the link of communication going and Mr. Carpenter will be the board link to the borough. He thanked Ms. Presley.

Board Member Ganser commented it was good to see Mr. Carpenter and he is looking forward to working with him again. He knows Mr. Carpenter is someone who gets things done, so it will be good to have him in that seat.

Board Member Gal commented it was nice to see Mr. Carpenter and congratulations. She thanked Ms. Glenz and Ms. Presley.

Board Member VanBuskirk welcomed Mr. Carpenter and thanked Ms. Glenz and Ms. Presley.

Vice Chairman Stauffer commented one thing not covered in the packet is the town hall meeting that is occurring in two days. The board will ask the Mayor if he could meet to talk about the proposed budget, and personnel changes. Regardless, the mayor will hold a town hall meeting to talk about the state financial issues that impact us in the borough. Some of the other meetings coming up, for those who have not attended a borough assembly meeting, it is a good time to do it because you don't have to drive to Soldotna. There are a couple of meetings coming up that are important to keep involved as much as possible. He welcomed Mr. Carpenter. They have been anxiously awaiting for the representative to return because we do try to participate as actively as possible. We take our job over here seriously and we need our representation from this area for the things they are trying to do from the board's point of view. He added it was nice to see Ms. Glenz, and Happy Easter.

#### O. ADJOURNMENT (58:45)

MOTION TO ADJOURN: VanBuskirk moved to adjourn the meeting. Gal seconded.

VOTE ON MOTION: Unanimous.

With no further business to come before the board, Vice Chairman Stauffer adjourned the meeting at 7:45 pm.

The next regular board meeting is scheduled for Monday, May 1, 2017 at the Sea View Plaza Building, Suite 122 at 6:00 pm.

The next board work session is scheduled for Monday, April 17, 2017 at the Sea View Plaza Building, Suite 122 at 6:00 p.m.

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Date of Approval

*April 3, 2017 Abridged Board Meeting Minutes*

*Full audio file on [www.kpb.us/service-areas/sbcfsa/sbcfsa-meetings](http://www.kpb.us/service-areas/sbcfsa/sbcfsa-meetings)*

SEWARD/ BEAR CREEK FLOOD SERVICE AREA REGULAR BOARD MEETING  
May 1, 2017

*Page 5 of 5*

April 18, 2017

SBCFSA

302 Railway Ave.

Seward,AK 99664

To Seward Bear Creek Flood Service Board,

I am stepping down from my seat with the flood board . This is my resignation effective today.

William D Williamson

**From:** [Beaton, Barbara J \(DOT\)](#)  
**To:** [Harris, Bryr](#); [Presley, Stephanie](#)  
**Cc:** [Vaughn, Joy A \(DOT\)](#); [Royce Conlon \(RoyceConlon@pdceng.com\)](#); [Boydston, Mark A \(DOT\)](#)  
**Subject:** Seward Airport - Agency Scoping Response  
**Date:** Monday, April 24, 2017 9:43:42 AM  
**Attachments:** [Final Seward Airport Improvements Hydrologic and Hydraulic Report .pdf](#)

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Good Morning,

Thank you for your March 1, 2017 email response to the March 2, 2017 Seward Airport Improvements agency scoping meeting invitation and for attending the March 2 scoping meeting. We appreciate your support of the Seward Airport Improvements project.

Please find attached the Hydrologic and Hydraulic Report for the project. There are two alternatives currently under evaluation to address flooding issues at the Seward Airport. Alternative 1.1 includes raising the existing main runway above the 100-year flood level and placing riprap within the Resurrection River. This option will required fill in the floodway, raising the Base Flood Elevation up to 4 feet in some areas and would require a LOMR/CLOMAR process. By reviewing the flood maps (Figures 4 and 5) included with the scoping package, you can see from inspection that more land is impacted by this alternative than the existing 100 year flood. Per FEMA, these impacts will require mitigation.

Alternative 2.2 on the other hand, requires a minor fill (less than 1 foot) in the floodplain only. It does not impact the Floodway. Per conversations with FEMA, fill up to a foot in the floodplain should not raise the Base Flood Elevation. Comparing the existing 100 year flood map (Figure 4) with the 100 year flood map (Figure6) for this alternative appears to support this fact. As a result, a LOMAR/CLOMAR process is not anticipated for this alternative. This is one reason, the project teams prefers this alternative.

The project team has evaluated the potential for dredging in the river and has found that this solution is not viable. A memo describing the rationale behind this decision can be found on the projects website:

**<http://www.dot.state.ak.us/creg/sewardairport/documents/Resurrection-River-Excavation-Memo-final.pdf>**

The flood protection has not been designed in detail as we are not in final design yet, but it will likely consist of riprap layers. Also raising the runway above the 100 year flood level will protect the runway surface, as well as the remaining airport facilities.

Acquisition of part of the Civil Air Patrol property is anticipated for either option. They are aware of this fact. Additional land is needed to contain the Runway Protection Zone . The KPB tax map only shows one KPB parcel, northeast of the airport. It appears the existing 100 year flood (Figure 4) already floods this entire property. The two alternatives do not appear to impact this property any further. It's not likely this parcel will be acquired.

We will continue to keep the Kenai Peninsula Borough informed of our decision making process

through your representative (Dan Mahalak) on the Seward Advisory Group. Updates are also posted to our website. Update emails are sent to everyone on the mailing list, when an update is posted to the site. We have also responded directly to comments from Bill Williamson, received as part of the agency scoping process. Through an open and collaborative process we hope to ensure the success of this project.

If you have further questions regarding the environmental effects of this project, please contact Mark Boydston, Environmental Impact Analyst, at (907) 269-0524 or via email at [mark.boydston@alaska.gov](mailto:mark.boydston@alaska.gov). Questions regarding the engineering aspects of the proposed project can be directed to me.

Thanks,

*Barbara J. Beaton, P.E.*

Project Manager

Aviation Design

Alaska Department of Transportation & PF

4111 Aviation Drive

Anchorage, AK 99502

(907) 269-0617



**Kenai Peninsula Borough**  
**144 North Binkley Street, Soldotna, Alaska 99669**  
**(907) 714-2200 \* Fax (907) 714-2378**

**INDIVIDUAL UTILITY CONSTRUCTION PROJECT PERMIT/APPLICATION**  
**(KPB 14.08.040)**

PERMIT NO. 20 17 - \_\_\_\_\_

Date: 03/30/17  
Work Order/Job#: \_\_\_\_\_ WO# 4175  
Name of Utility: City of Seward Electric Department  
Address: 33410 Forest Road, Seward, AK 99664  
Phone Number(s): 907-224-4065 Fax: 907-224-8067  
Email: vwillet@cityofseward.net  
Name of Contact Official: Vernon Willet, Field Engineer

Name of Contractor: \_\_\_\_\_ Self  
Address: \_\_\_\_\_  
Phone Number(s): \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Name of Contact Official: \_\_\_\_\_

**Project Information:**

Project name: OLD MILL LOOPING  
Project location (Vicinity / Sec., T, & R): T1N, R1W, Sec 12 Seward Meridian SW, Old Mill Sub, Lot 1, Blk 2  
Window for construction dates: Start 06/15/2017 End 09/15/2017  
Name of right-of-way(s): Forest Road  
Subdivision name(s): Old Mill, Lot 1, Block 2

Type of improvement or utility planned: Overhead ☐ Underground: Boring ☒ Trenching ☐  
Total feet of construction within right-of-way: 60  
Offset from road right-of-way: Boring 270' under Timber Lane and Lost Creek, See Dwg. Attached  
Vertical depth or clearance: 30 Ft.  
Describe method of locating and marking of the boundaries of the right-of-way for construction purposes: Lot corners  
Will detour of traffic be necessary: No ☒ Yes ☐ If yes, provide a traffic routing narrative statement and plans as required by KPB 14.08.060(C).

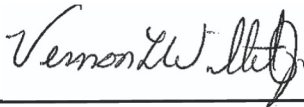
**Fees:**

Base fee for start up .....	\$ 50.00
\$0.10 per linear ft. of construction (exclude the first 200 linear ft.) 0.10 x _____ L.F. =	\$ 7.00
Total .....	\$ 57.00

**Check List:**

- ☐ Payment/Check No. \_\_\_\_\_
- ☒ Proposed Plans: Submit plans, drawings, sketches, and other documentation showing the length, location and configuration of facilities within street right-of-way.
- ☐ Traffic routing narrative statement and plans as required by KPB 14.08.060(C).
- ☐ Exception to assigned utility locations: If utility cannot be placed within the assigned ten-foot corridors please explain. Provide evidence (letter of non-objection) that the request for an exception has been reviewed and approved by all other affected utilities. KPB 14.08.070(B).
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

- Applicant has the sole responsibility to properly locate its facility within the named right-of-way and to coordinate its construction activity with other utilities in the same right-of-way.
- Applicant understands that the facility will be constructed in accordance with this permit, and any deviation from this permit may result in relocation or any other necessary changes at the expense of the applicant.
- The Kenai Peninsula Borough disclaims any warranty or liability regarding location or coordination of utility facilities.
- Applicant hereby agrees to comply with the terms, conditions and requirements of the Kenai Peninsula Borough Code of Ordinances, Title 14.08.
- Applicant hereby declares that plans submitted will be considered a surveyed "As-Built", unless revised plans are submitted and approved by the Borough prior to construction.



Applicant's signature

03/30/2017

Date

Vernon L. Willet Jr.

(Print Name)

Field Engineer

(Title)

Approved by: Julie Denison  
KPB Land Management Tech III

Date



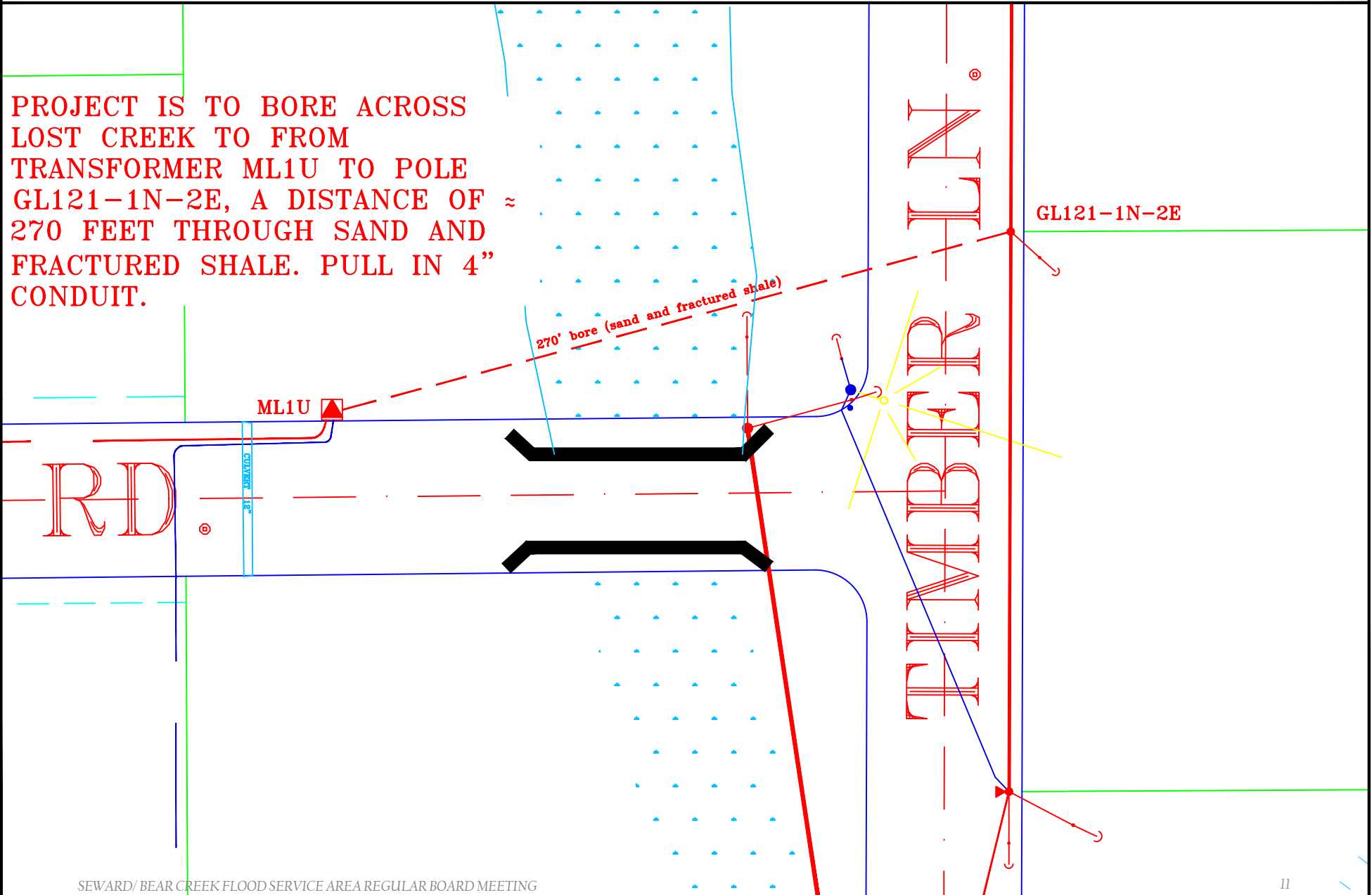
# CONSTRUCTION DRAWING

## ELECTRIC DEPARTMENT

PROJECT DESC. BORING UNDER LOST CREEK  
SUBJECT PERMIT DRAWING

WORK ORDER NO. 4175  
JOB ORDER NO. \_\_\_\_\_  
SHEET NO. 1 OF \_\_\_\_\_  
DRAWING No. SK-B-05 REV \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
DESIGNED V. WILLET DATE 6/30/16  
CHECKED \_\_\_\_\_ DATE \_\_\_\_\_  
REL. TO CONST. \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT IS TO BORE ACROSS  
LOST CREEK TO FROM  
TRANSFORMER ML1U TO POLE  
GL121-1N-2E, A DISTANCE OF  $\approx$   
270 FEET THROUGH SAND AND  
FRACTURED SHALE. PULL IN 4"  
CONDUIT.



# Multi-Agency Permit Application



# RIVER CENTER

Please answer all questions completely.

## Applicant Information:

Name:

Thomas G. Reese

Owner? ☒ Yes ☐ No

Mailing Address:

(permits will be mailed to this address)

P O Box 611  
Seward, AK 99664

Phone (Home/Work): (208) 514-6843

Cell Phone: (208) 514-6842

Fax: N/A

E-Mail: reese.tom@hotmail.com

## Agent Information:

Name:

N/A

Mailing Address:

N/A

Phone (Home/Work): /

Cell Phone: /

Fax: /

E-Mail: N/A

## Project Location:

Please complete all information including the legal description of the property or site location. This information can be found on your tax bill or by visiting the KPB Assessing Department website at [www.borough.kenai.ak.us/assessingdept/default.htm](http://www.borough.kenai.ak.us/assessingdept/default.htm).

Waterbody Name: Sawmill Creek

River Mile: .5 ☒ Right or ☐ Left bank (looking downstream)

Subdivision: Nashwoods Phase 5 Lot: 7 Block: 4

Township: 1N Range: 1W Section: 36

KPB Parcel Number: 14523147 Physical Address: 10577 Johnson Ave.

Directions to the site: Nash Road, turn left onto Johnson Ave, building site on left hand side of Johnson, travel up Johnson Ave, turn right onto Godwin Rd. to access Sawmill creek.

## Please Complete the Following:

1) This activity is a: ☒ new project ☐ modification, addition, repair, or replacement to an existing project

2) What is the purpose of this project? to extract gravel from Sawmill Creek to fill my property for building site & road (driveway)

## Multi-Agency Permit Application – Page 2

3) Provide a detailed description of your entire project and all related activities. Attach additional pages if needed.

Please be sure that your description contains all of the following:

- ☐ The location and dimensions of all existing and proposed development, including buildings, roads/driveways, pathways, building pads, accessory structures, and fill, as well as the location of any water bodies.
- ☐ The type(s) and amount(s) of fill material to be used for the project. Include the location/source of the fill material.
- ☐ The measurements of all new development, including platforms, walkways, structures, and bank restoration techniques. Please include measurements from water bodies and lot lines.
- ☐ The area and volume of material to be dredged and the location of the disposal site.
- ☒ A description of the waterbody, including wetlands to be filled. Include the types and volumes of each type of fill material.
- ☐ A description of construction methods and types of equipment to be used.
- ☒ If you are withdrawing water from a waterbody, a description of water use including location, methods of withdrawal, rate of withdrawal, and the total quantity of water required.
- ☒ If fuel storage is required for your project, indicate the location, quantities, and types of fuel.
- ☒ If vegetation or trees must be cleared as a result of your project, indicate the location, amount, and type of vegetation to be cleared.
- ☐ The type(s) and amount(s) of material that will be excavated for the project. Include the location the excavated material will be placed.

I have enclosed a drawing of my land where material will be deposited. I plan to remove "pit run" material from Sawmill Creek. I plan to excavate a area approximately 100' x 20' x 2.5' to extract about 185 cubic yards. I plan to use a back hoe and dump truck. I will apply to DNR once I have this application approved.

4) Proposed project start date: May 2017 Proposed project end date: September 2017

Estimated number of actual construction days: 120

5) If this project is within the limits of an incorporated city, please indicate city: n/a

6) Is the project located within 50 feet of ordinary high water (OHW) or mean high water (MHW) of a stream or waterbody? ☐ Yes ☒ No ☐ Not sure where OHW or MHW line is

### Multi-Agency Permit Application – Page 3

7) Does any portion of the project cantilever or extend over the OHW or MHW of the stream or waterbody?

☐ Yes ☒ No ☐ Not sure where OHW or MHW line is

8a) Does any portion of the project extend below the OHW or MHW of the stream or waterbody?

☒ Yes ☐ No ☐ Not sure where OHW or MHW line is  
*maybe depending on channel location*

8b) Will a structure (e.g., culvert, bridge support, dike) be placed below OHW, MHW, or High Tide Line (HTL) of the waterbody?

☐ Yes ☒ No

9) Will material be extracted or dredged from

☒ Floodplain of a river, lake, or ocean

☐ Tidal or non-tidal waters

If you checked one of the above boxes, what type of material? river run gravel

What amount of material? 200 yds.

Where will the material be deposited? my property driveway #14523147

10) Will material (including spoils, debris or overburden) be deposited in a

☐ Mapped floodplain or velocity zone of a river, lake or ocean

☐ Tidal or non-tidal waters

If you checked one of the above boxes, is the fill temporary ☐ or permanent ☐?

If temporary, how long will it be in place? N/A

What type of material is it? N/A Amount? N/A

Identify the location(s) of any deposited material on the attached top-view site plan drawing.

11) What is the surface area (in acres) that would be filled, excavated, or dredged of any waters, including areas below the HTL or MHW of tidal waters, below the OHW of non-tidal waters and/or wetlands adjacent to tidal or non-tidal waters? 1.25 acres

12a) List all motorized equipment to be used in this project, including access route to site and any stream or waterbody crossings:

Dump truck and case backhoe/loader will travel over existing roads Johnson Ave and Godwin Rd. between our property and Sawmill Creek at end of Godwin Rd. where it has been cleared of trees to the creek (This has been done by another entity)

12b) How long will motorized equipment be used below OHW, MHW, or the HTL? by another entity)

13) Are there any threatened or endangered species that may be affected by the proposed work or that utilize the designated critical habitat that may be affected by the proposed work? ☐ Yes ☒ No If yes, list all species:

maybe bald eagles in area

## Multi-Agency Permit Application – Page 4

14) Are there any historic properties that may be affected by the proposed work? ☐ Yes ☒ No If yes, state which property or properties may be affected and/or attach a vicinity map including the location of the historic property or properties.

15) Is any portion of the work already complete? ☐ Yes ☒ No If yes, describe the completed work:

16) Will utility systems, including water, electric, gas, etc. be developed? ☒ Yes ☐ No If yes, describe:

### Application Checklist

☒ Are pages 1 through 4 completely filled out? If a question does not pertain to your activity, write 'N/A'

☒ Did you include a detailed project description?

☐ Did you complete the Top View & Elevation/Side View drawings? Be sure to review the instructions for site plans and make sure all relevant information is included.

☐ Did you include your permit fee (if applicable)? If your project is within State Park Boundaries or cantilevers over a State Park (which includes the Kenai River) a \$100 fee is required at the time of application. Make checks payable to 'State of Alaska.' If you are not certain if a fee is required, contact State Parks at the River Center at (907) 714-2470.

☐ Did you sign your application? If you have designated an agent to work the agencies on your behalf, they must also sign the application.

Is this project under consideration for a USFWS Cost Share Project? yes or no

Application is hereby made for a permit or permits to authorize the work described in this application form. I certify the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

X Thomas G. Reese  
Signature of Applicant

April 24, 2017  
Date

If you designated an agent, both the applicant and agent must sign this application.

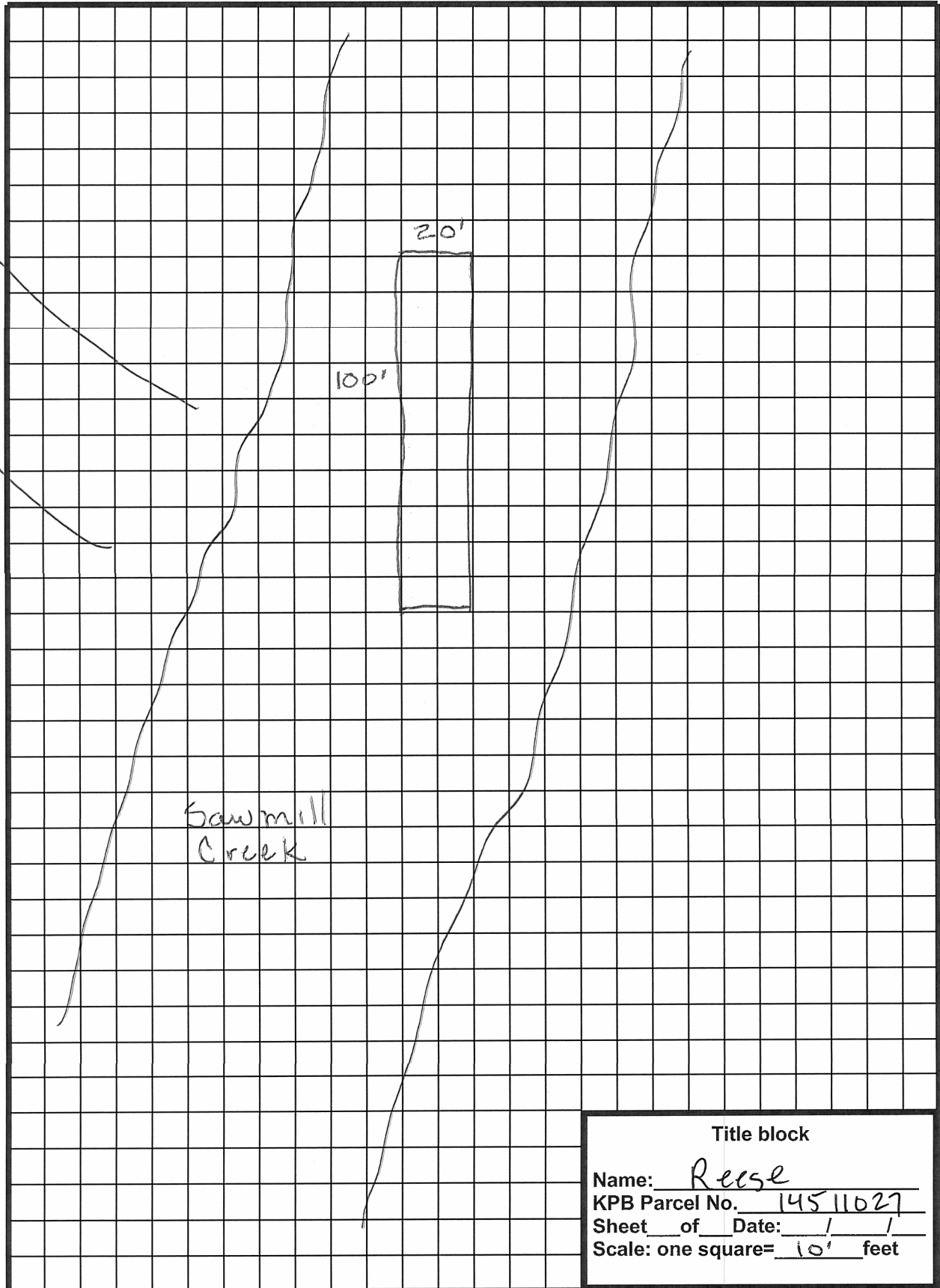
X \_\_\_\_\_  
Signature of Agent

\_\_\_\_\_  
Date

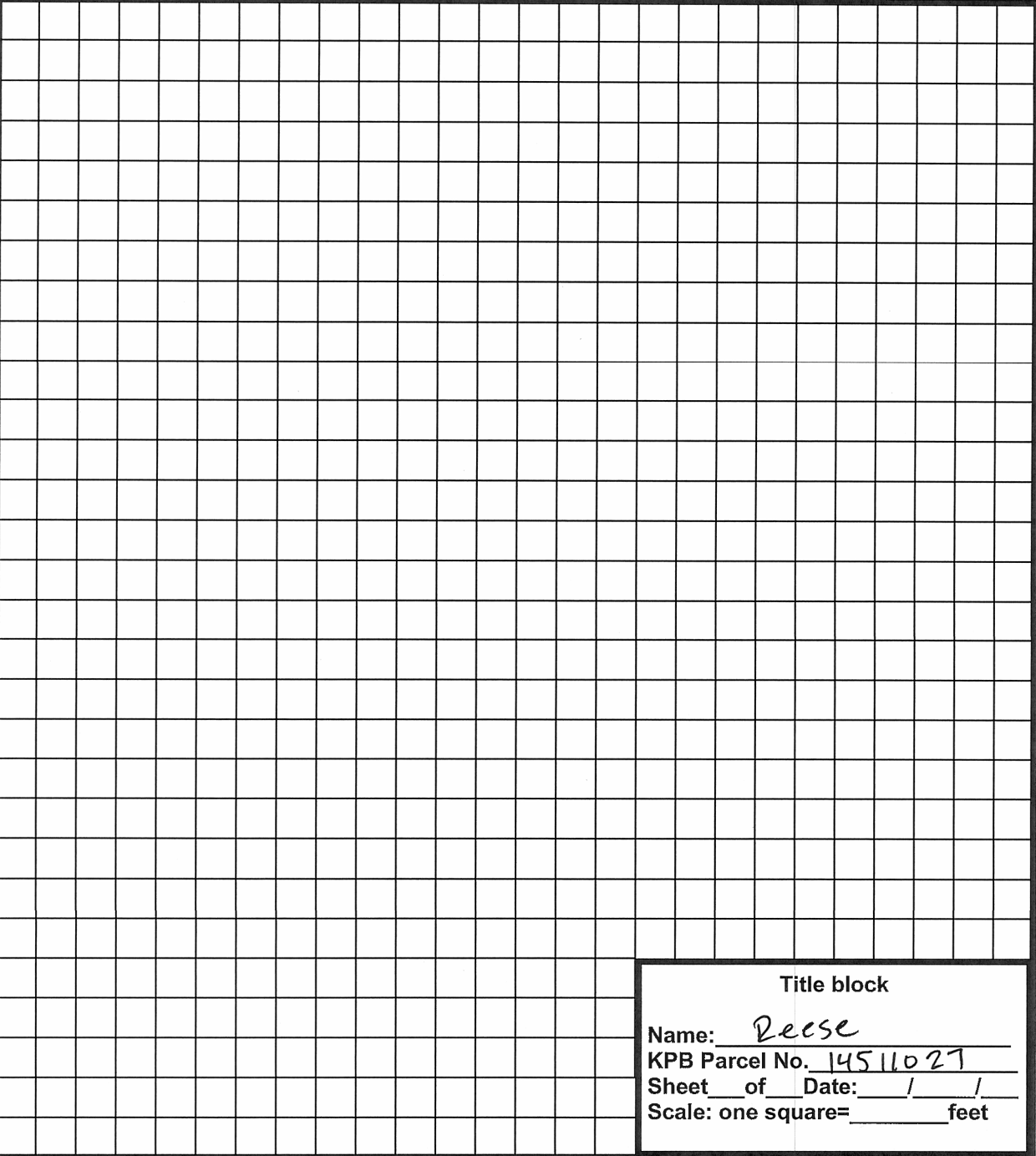
Page 5



# SITE PLAN: TOP VIEW



# SITE PLAN: ELEVATION OR SIDE VIEW

	<p style="text-align: center;">Title block</p> <p>Name: <u>Reese</u></p> <p>KPB Parcel No. <u>14511027</u></p> <p>Sheet <u>    </u> of <u>    </u> Date: <u>    </u> / <u>    </u> / <u>    </u></p> <p>Scale: one square = <u>    </u> feet</p>
	<p>Additional Comments or Descriptions:</p> <p style="text-align: center;">2 1/2 feet deep</p>



# PARCEL REPORT

10577 Johnson  
Ave.

4/20/2017 11:2

PARCEL ID: 14523147

Total Acreage: 1.01



Sawmill Creek

## LEGAL DESCRIPTION:

T 1N R 1W SEC 36 SEWARD MERIDIAN SW 2009004 NASHWOODS SUB PHASE 5 LOT 7 BLOCK 4

<b>LAND VALUE:</b>	\$35,900	<b>ASSESSED VALUE:</b>	\$35,900
<b>IMPROVEMENT VALUE:</b>	\$0	<b>TAXABLE VALUE:</b>	\$35,900

## BUILDINGS ON THIS PARCEL:

Building Type	Square Footage	Year Built
---------------	----------------	------------

## OWNERS:

Name:  
REESE FRANCES A

Address:  
PO BOX 611  
SEWARD, AK 99664

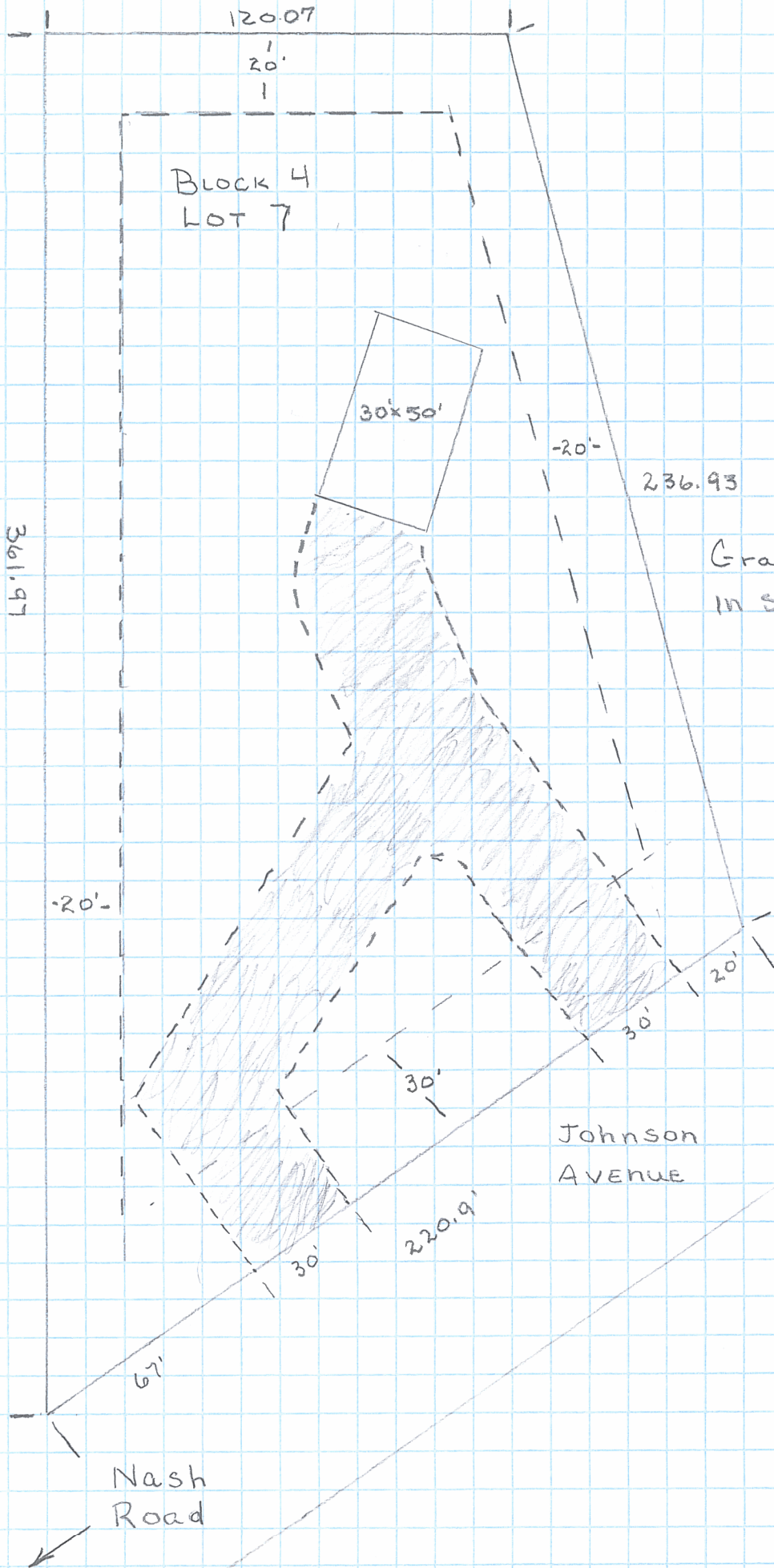
Name:  
REESE THOMAS G

Reese



Proposed 100 x 20  
x 2.5ft deep





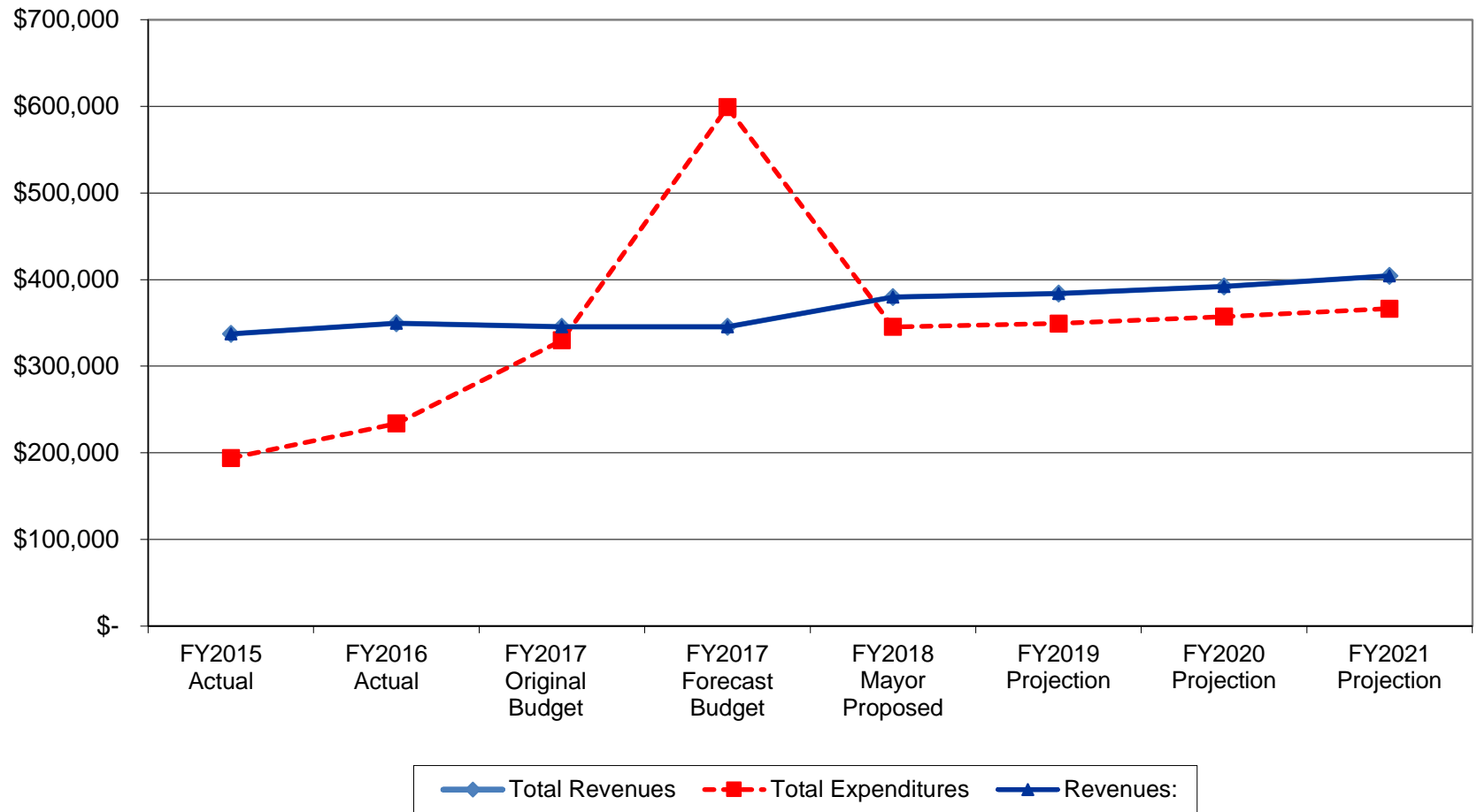
3/17/2017

Reese  
pg. 10

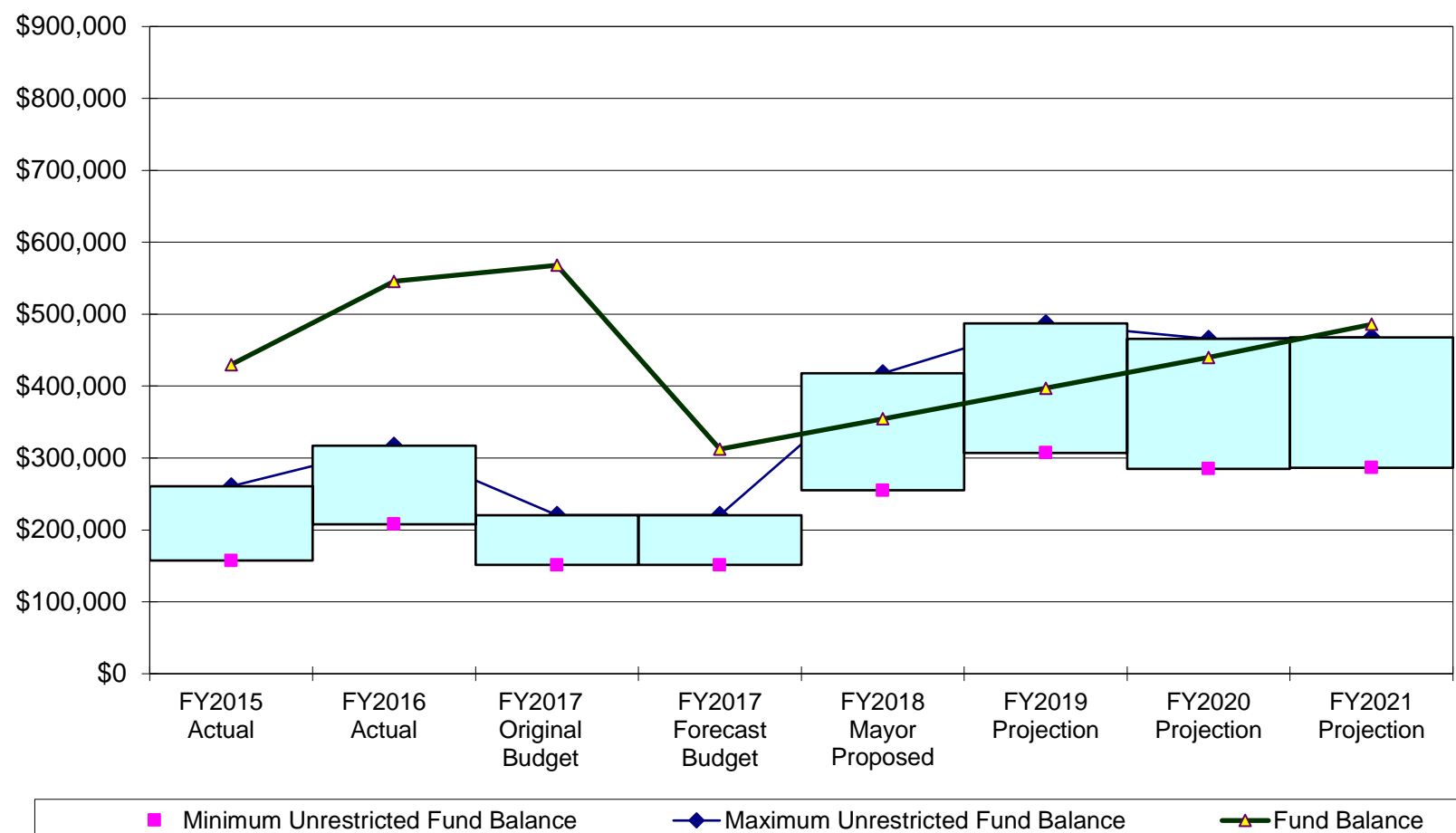
**Fund: 259 Seward-Bear Creek Flood Service Area - Budget Projection**

<b>Fund Budget:</b>	FY2015 Actual	FY2016 Actual	FY2017 Original Budget	FY2017 Forecast Budget	FY2018 Mayor Proposed	FY2019 Projection	FY2020 Projection	FY2021 Projection
Taxable Value (000's)								
Real	360,138	374,082	387,109	387,109	424,826	424,826	429,074	437,655
Personal	18,587	20,124	23,741	23,821	23,821	24,059	24,300	24,543
Oil & Gas (AS 43.56)	5,901	5,548	9,158	9,158	16,173	15,688	15,217	15,217
	384,626	399,754	420,008	420,088	464,820	464,573	468,591	477,415
Mill Rate	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Revenues:								
Property Taxes								
Real	\$ 268,181	\$ 280,604	\$ 290,332	\$ 290,332	\$ 318,620	\$ 318,620	\$ 321,806	\$ 328,241
Personal	18,385	15,752	17,450	17,508	17,508	17,683	17,861	18,039
Oil & Gas (AS 43.56)	4,426	4,161	6,869	6,869	12,130	11,766	11,413	11,413
Interest	675	726	5,036	5,036	4,685	6,649	8,935	11,545
Flat Tax	15,093	19,166	12,712	12,712	12,712	12,966	13,225	13,490
Motor Vehicle Tax	9,344	9,671	7,997	7,997	9,508	9,698	9,892	10,090
Total Property Taxes	316,104	330,080	340,396	340,454	375,163	377,382	383,132	392,818
Federal Revenue	422	-	-	-	-	-	-	-
State Revenue	16,206	2,341	-	-	-	-	-	-
Interest Earnings	4,627	12,257	5,036	5,036	4,685	6,649	8,935	11,545
Other Revenue	-	5,000	-	-	-	-	-	-
Total Revenues	337,359	349,678	345,432	345,490	379,848	384,031	392,067	404,363
Total Revenues and Operating Transfers	337,359	349,678	345,432	345,490	379,848	384,031	392,067	404,363
Expenditures:								
Personnel	84,533	80,101	81,902	81,902	165,966	169,285	173,517	178,723
Supplies	769	960	3,700	3,111	4,300	4,386	4,474	4,563
Services	38,107	54,518	132,906	402,075	147,640	147,640	150,593	153,605
Capital Outlay	1,119	867	800	1,389	2,400	2,448	2,497	2,547
Interdepartmental Charges	69,479	97,413	110,516	110,516	25,000	25,500	26,138	26,922
Total Expenditures	194,007	233,859	329,824	598,993	345,306	349,259	357,219	366,360
Total Expenditures and Operating Transfers	194,007	233,859	329,824	598,993	345,306	349,259	357,219	366,360
Net Results From Operations	143,352	115,819	15,608	(253,503)	34,542	34,772	34,848	38,003
Projected Lapse	-	-	6,870	20,329	7,717	7,724	7,878	8,036
Change in Fund Balance	143,352	115,819	22,478	(233,174)	42,259	42,496	42,726	46,039
Beginning Fund Balance (less Restricted)	286,349	429,701	545,520	545,520	312,346	354,605	397,101	439,827
Ending Fund Balance (less Restricted)	\$ 429,701	\$ 545,520	\$ 567,998	\$ 312,346	\$ 354,605	\$ 397,101	\$ 439,827	\$ 485,866

### Seward Bear Creek Flood Service Area Revenues and Expenditures



### Seward Bear Creek Flood Service Area Unreserved Fund Balance





**Kenai Peninsula Borough  
Budget Detail**

**Fund 259**

**Department 21212 - Seward-Bear Creek Flood Service Area**

		FY2015 Actual	FY2016 Actual	FY2017 Original Budget	FY2017 Forecast Budget	FY2018 Mayor Proposed	Difference Between Mayor Proposed & Original Budget	%
<b>Personnel</b>								
40110	Regular Wages	\$ 33,773	\$ 38,794	\$ 39,754	\$ 39,754	\$ 85,957	\$ 46,203	116.22%
40210	FICA	2,559	3,028	3,553	3,553	7,693	4,140	116.52%
40221	PERS	23,978	11,407	9,096	9,096	19,673	10,577	116.28%
40321	Health Insurance	20,563	22,307	24,160	24,160	41,034	16,874	69.84%
40322	Life Insurance	65	64	102	102	219	117	114.71%
40410	Leave	3,387	4,334	5,093	5,093	11,150	6,057	118.93%
40511	Other Benefits	208	167	144	144	240	96	66.67%
	Total: Personnel	84,533	80,101	81,902	81,902	165,966	84,064	102.64%
<b>Supplies</b>								
42020	Signage Supplies	-	61	200	200	700	500	250.00%
42120	Computer Software	100	130	-	-	600	600	-
42210	Operating Supplies	669	654	3,500	2,911	3,000	(500)	-14.29%
42250	Uniforms	-	115	-	-	-	-	-
	Total: Supplies	769	960	3,700	3,111	4,300	600	16.22%
<b>Services</b>								
43011	Contractual Services	17,319	38,974	110,000	379,169	125,000	15,000	13.64%
43019	Software Licensing	-	-	200	200	200	-	0.00%
43110	Communications	1,022	1,045	2,232	2,232	2,232	-	0.00%
43140	Postage and Freight	583	695	1,000	1,000	1,000	-	0.00%
43210	Transportation/Subsistence	6,372	2,200	6,800	6,800	6,800	-	0.00%
43260	Training	1,950	180	700	700	800	100	14.29%
43310	Advertising	442	442	500	500	500	-	0.00%
43510	Insurance Premium	144	183	202	202	181	(21)	-10.40%
43720	Equipment Maintenance	426	515	500	500	500	-	0.00%
43810	Rents and Operating Leases	9,694	9,994	10,472	10,472	10,027	(445)	-4.25%
43920	Dues and Subscriptions	155	290	300	300	400	100	33.33%
	Total: Services	38,107	54,518	132,906	402,075	147,640	14,734	11.09%
<b>Capital Outlay</b>								
48610	Land Purchase	500	-	-	-	-	-	-
48710	Minor Office/Communications Equipment	-	140	800	800	1,800	1,000	125.00%
48720	Minor Office Furniture	619	727	-	589	600	600	-
	Total: Capital Outlay	1,119	867	800	1,389	2,400	1,600	200.00%
<b>Interdepartmental Charges</b>								
60000	Charges (To) From Other Depts.	69,479	98,236	110,516	110,516	25,000	(85,516)	-77.38%
60004	Mileage Ticket Credits	-	(823)	-	-	-	-	-
	Total: Interdepartmental Charges	69,479	97,413	110,516	110,516	25,000	(85,516)	-77.38%
<b>Department Total</b>								
		\$ 194,007	\$ 233,859	\$ 329,824	\$ 598,993	\$ 345,306	\$ 15,482	4.69%

**Line-Item Explanations**

**40110 Regular Wages.** Staff includes Service Area Coordinator and 1/2 time secretary.

Change: increase current administrative position from 3/4 time to full-time.

Add: 1/2 time administrative support position

**42020 Signage Supplies.** Posting signage at the Salmon Creek Flood Risk Management parking area and access road.

**42120 Computer Software.** Microsoft Projects software.

**43011 Contractual Services.** Channel and embankment maintenance (\$15,000), flood restoration/ repair (\$15,000), bank stabilization/ revetment projects (\$15,000), cooperative project with City of Seward (\$50,000), establishing benchmarks (\$10,000), sediment management plan (\$20,000).

**43210 Transportation/Subsistence.** Board meeting allowance. Conferences, meetings, training opportunities for staff. Floodplain Management Certification requires 16 continuing education credits every 2 years.

**43260 Training.** Registration fees for conferences or training for staff. Increase for ASFPM conference fee.

**43720 Equipment Maintenance.** Copier agreement.

**43810 Rents & Operating Leases.** Office space lease agreement and post box fee.

**43920 Dues & Subscriptions.** Increase for Amazon Prime membership.

**48710 Minor Office Equipment.** High performance laptop (\$1,800).

**48720 Minor Office Furniture.** Four office chairs (\$600).

**60000 Charges (To) From Other Depts.** These are charges paid to the Purchasing & Contracting department for project management on SBCFSA projects. Eliminated Water Resources Manager

# May 2017 Work Session Topic

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USACE Salmon Creek Section 205 Project

*Possible Topics for Upcoming Work Sessions:*

SBCFSA Hazard Mitigation Plan Annual Review

Public Outreach Projects

SBCFSA Mitigation Projects & Priorities

## Inside this Issue

- 1** Oregon Resilience Meetings
- 1** ESA Puget Sound Webinar
- 1** Newport Creates Tsunami Safety Refuge
- 2** NORFMA News
- 2** Hazus 4.0 Release
- 2** Featured Training
- 3** Mitigation Planning Coffee Break Portal
- 3** Mitigation Planning Workshops
- 3** Simpson Strong-Tie Workshops
- 4** Online Training Calendar

Strategic Alliance for Risk Reduction  
FEMA Region 10 Service Center  
20700 44<sup>th</sup> Avenue West, Suite 110  
Lynnwood, Washington 98036  
(425) 329-3699

# News from Region 10

## Oregon Resilience Meetings

FEMA is supporting two Resilience meetings in Oregon – the first on April 4th in Tillamook County and the second on May 10th in the Upper Rogue Watershed/Jackson County. The Resilience Meeting is the last meeting in the Risk MAP lifecycle and it brings together federal, state, and local stakeholders to identify actions to reduce risks to natural hazards in the community. At a Resilience meeting, attendees utilize existing information, risk assessments, and local capability assessments, to identify and/or refine mitigation strategies while workshoping these ideas with the state and federal expertise in the room. Oregon State Partners DLCD and OPDR have worked together to create a Resilience meeting agenda that, in addition to delivering the final phase of Risk MAP, allows participating communities to make progress on their hazard mitigation plan update.

*If you would like more information about these meetings please contact [Cynthia.McCoy@fema.dhs.gov](mailto:Cynthia.McCoy@fema.dhs.gov).*

## ESA Puget Sound Webinar

FEMA Region 10 and STARR II have produced a recorded webinar on compliance with the NFIP and the Puget Sound Biological Opinion. This webinar is specifically for “Door 3” (permit-by-permit) communities who are working to ensure compliance with the Endangered Species Act (ESA) through the review of habitat assessments for development in the Special Flood Hazard Area.

The webinar is presented by Scott Van Hoff and Justin Craven, both with FEMA Region 10, and is available now at [youtu.be/2lPcNmsqtE4](https://youtu.be/2lPcNmsqtE4).

For more about the ESA, visit [www.fema.gov/national-flood-insurance-program-endangered-species-act](http://www.fema.gov/national-flood-insurance-program-endangered-species-act).

## Newport Creates Tsunami Safety Refuge



**South stairway to Safe Haven**

Residents and visitors to the coastal community of Newport, Oregon, are relieved to have a nearby refuge that can keep them safe from the destructive power of a tsunami. Improved access to Safe Haven Hill, which sits 80 feet above sea level, will help facilitate a rapid evacuation from the low-lying South Beach and harbor areas of Newport.

The new stairs, pathways and trails will accommodate large numbers of people with varying physical capacities. As part of the project, the summit area was cleared to provide space for at least 2,500 people. New solar-powered and battery-backup lighting will help people

*Continued on next page*

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**Newport (cont.)**

reach safety if an earthquake and tsunami should occur during the night. Emergency supplies stored at the summit will make it possible for a large number of people to be able to remain for the estimated 24 hours until it is safe to move to other locations away from the coast.

The improvements at Safe Haven Hill are a great example of how federal, state and local agencies are working in cooperation with their communities to make investments in hazard mitigation. Taking action before a disaster strikes has tremendous potential to save lives and reduce and sometimes eliminate damage to property and the environment.

More information is available from FEMA Hazard Mitigation Assistance: [www.fema.gov/hazard-mitigation-assistance](http://www.fema.gov/hazard-mitigation-assistance), and the Oregon Office of Emergency Management: [www.oregon.gov/OMD/OEM/](http://www.oregon.gov/OMD/OEM/)

**NORFMA News****HEC-RAS 1D and 2D Workshops**

NORFMA is offering three workshops in early May, providing training for water resources professionals to use the HEC-RAS (Hydrologic Engineering Center River Analysis System) for modeling steady and unsteady flow applications. These workshops are taking place in Oregon, Western Washington, and Eastern Washington. To meet various training needs, both 1D and 2D workshops are available. Courses are intended for engineers, scientists and planners in water resources working for local, state and federal agencies and consulting firms. Participants will gain hands-on HEC-RAS experience by participating in

practical computer workshops, learning from "real world" project examples.

For location and registration information, visit [www.norfma.org](http://www.norfma.org).

**Hazus 4.0 Release**

On March 20, 2017, the Hazus Team deployed the Hazus Tsunami Module as part of the Hazus 4.0 release. The software can be downloaded for free on the FEMA Flood Map Service Center (MSC) [Hazus Download page](#).

The Tsunami Module represents the first new disaster module for the Hazus software in almost 15 years and is the culmination of work completed on the Hazus Tsunami Methodology Development (FEMA, 2013) by a team of tsunami experts, engineers, modelers, emergency planners, economists, social scientists, geographic information system (GIS) analysts, and software developers. A Tsunami Oversight Committee provided technical direction and review of the methodology development.

The release includes several key highlights:

- Territory Analysis
- New Point Format
- Case Studies
- Two Types of Damage Analysis

To see a full list of changes with this version of Hazus, please read the User Release Notes that are available with the download package of the software. We recommend users do this prior to running Hazus 4.0.

For more information, visit the [Hazus Modernization page](#). The Hazus Outreach Team can be reached via email at [hazus-outreach@riskmapcds.com](mailto:hazus-outreach@riskmapcds.com).

**Featured Training****Mitigation Planning Coffee Break Series: Developing FEMA Mitigation Planning Grants**

April 21, 2017  
10am-11am

Did you know that FEMA provides planning grants to develop or update your natural hazard mitigation plan? Of course you did. But did you know that the same planning grants can be used to integrate your mitigation plan into local comprehensive plans, create a stand-alone risk assessment, or develop specific mitigation planning training? This may be new to you.

Join us as you learn about FEMA planning grants offered through the Hazard Mitigation Assistance program, best practices in developing a planning grant scope of work, fundable planning activities, and the processes to develop and apply for a FEMA planning grant, whether through the Hazard Mitigation Grant Program (HMGP) or Pre-Disaster Mitigation (PDM) grant program.

**Guest Speakers for April**

- Steven Randolph, FEMA Region 10 Hazard Mitigation Assistance Senior Specialist
- Angie Lane, Oregon State Hazard Mitigation Officer
- Susan Cleverley, Idaho State Hazard Mitigation Officer

CECs available for ASFPM CFMs. Registration is free, and required. Visit <http://j.mp/starronlinetraining>.

Remember, your registration is unique to you. Don't share it. Encourage others to individually register.

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## Mitigation Planning Coffee Break Portal

Past monthly webinars, future online training, resources, and upcoming in-person training are located at [http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/SitePages/2017\\_CoffeeBreak.aspx](http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/SitePages/2017_CoffeeBreak.aspx)

Month	Topic	Recording	Materials
January	Introduction to Natural Hazards Mitigation Planning	<a href="#">January Recording</a>	<a href="#">January Materials</a>
February	Building the Mitigation Planning Team	<a href="#">February Recording</a>	<a href="#">February Materials</a>
March	Effective Public Engagement in Mitigation Planning	<a href="#">March Recording</a>	<a href="#">March Materials</a>

## Mitigation Planning Workshops

May 10-11, 2017  
Lewiston, Idaho

Hosted by the Nez Perce Tribe and FEMA Region 10, this in-person, two-day workshop covers the fundamentals for communities to develop new or updated tribal or local mitigation plans that address community priorities and meet requirements established in 44 CFR §201.6 & §201.7. Participants will learn the planning process, how to engage stakeholders, assess risks and develop effective mitigation strategies. Finally, the basic elements of the plan review, approval, and update cycle are discussed, including tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring.

[Download course announcement.](#)

Contact [Lisa.Davis2@fema.dhs.gov](mailto:Lisa.Davis2@fema.dhs.gov) to register.

### About the Coffee Break Webinar Series

Each month we spend one hour discussing a different mitigation planning topic. We provide best practices, highlight work from Region 10 tribes, states, and cities, and have guest speakers share their experience with mitigation plans and mitigation planning.

June 21-22, 2017  
The Dalles, Oregon

This in-person, two-day workshop is hosted by the Oregon Office of Emergency Management and covers the fundamentals of the mitigation planning requirements for communities to develop new or updated local, tribal, or special districts natural hazards mitigation plans that address community priorities and needs as well as meet the requirements established in 44 CFR §201.6 & §201.7.

This workshop describes the planning process, requirements for stakeholder involvement, assessing risks, and developing effective mitigation strategies. It includes the basic elements of the plan review, approval, and update cycle, tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring.

[Download course announcement.](#)

Contact [James.Adams@mil.state.or.us](mailto:James.Adams@mil.state.or.us) to register.

## Ask the Help Desk

The FEMA Region 10 Service Center is here to help local community officials and stakeholders with technical, training, mitigation, and mapping questions. Send your questions to [RegionXHelpDesk@starr-team.com](mailto:RegionXHelpDesk@starr-team.com).  
[RXNewsletter@starr-team.com](mailto:RXNewsletter@starr-team.com).

## Simpson Strong-Tie Workshops

### Back to Basics Workshop (Connectors, Fasteners, Anchor & Lateral System Review)

April 11, 2017 – Sequim, WA  
April 13, 2017 – Seattle, WA  
April 18, 2017 – Kent, WA

This free workshop is focused on providing practical and relevant information pertaining to proper connections and uses of Simpson Strong-Tie products for continuous load path.

### Post Installed Concrete Anchorage/Concrete, Steel Repair & Restoration Workshop

April 12, 2017 – Sequim, WA

This free four hour workshop delivers information about our combined Concrete, Steel Repair and Restoration (Repair, Protect, and Strengthen) & Post Installed Concrete Anchorage products, their detailed uses, descriptions, and availability.

To register for these workshops or to find more course listings, please visit [www.strongtie.com/workshops](http://www.strongtie.com/workshops).

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## Online Training

(All times Pacific)

### Elevation Certificates

April 12, 10 am

Online – 2 CEC

### Tools for Determining BFE

April 13, 10 am

Online – 1 CEC

### The Role of the Community CRS Coordinator

April 18, 10 am

Online – 1 CEC

### CRS: Repetitive Loss Properties

April 19, 10 am

Online – 1 CEC

### Developing FEMA Mitigation Planning Grants

April 21, 10 am

Online – 1 CEC

### Introduction to CRS

May 16, 10 am

Online – 1 CEC

### CRS and Coastal Hazards

May 17, 10 am

Online – 1 CEC

### CRS: Preparing for a Verification Visit

June 20, 10 am

Online – 1 CEC

### CRS: Developing Outreach Projects

June 21, 10 am

Online – 1 CEC

### Floodplain Development Permit Review

June 22, 9 am

Online – 1 CEC

### Inspecting Floodplain Development

June 22, 10:30 am

Online – 1 CEC

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To register for online courses, visit STARR's training site online at [j.mp/starronlinetraining](http://j.mp/starronlinetraining), or email [RXTraining@starr-team.com](mailto:RXTraining@starr-team.com).



Greetings,

My name is Matt Witosky and I am part of the Kenai Peninsula Borough Risk Mapping, Assessment, and Planning (Risk MAP) Project Team, working with the Strategic Alliance for Risk Reduction (STARR II), a contractor for the Federal Emergency Management Agency (FEMA). This email is being sent to you as a status update for work completed on this project as of April 11, 2017. Detailed status updates like this are sent quarterly and include the overall project status, changes to the scope or schedule of the project, and a detailed overview of the individual technical tasks associated with the project.

## Project History

FEMA is responsible for preparing Flood Insurance Rate Maps (FIRMs) that delineate flood hazard zones and Base Flood Elevations (BFEs) in the United States. Because of the importance of understanding the nation's coastal flood risk, FEMA has initiated coastal flood risk studies for the populated coastline as part of its [Risk MAP](#) effort. Through the Risk MAP effort, FEMA is updating the nation's coastal [Flood Insurance Studies \(FISs\)](#) and [FIRMs](#), where appropriate, and publishing new FIRMs in densely populated areas that were not previously mapped. For more information, please visit <https://www.fema.gov/coastal-flood-risks-achieving-resilience-together>.

The State of Alaska identified the Kenai Peninsula Borough as a priority for FEMA's Risk MAP program. The State determines its priorities based on population at risk to hazards, recent events, and community interest. FEMA, State, and Local stakeholders participated in a Risk MAP Discovery Meeting held March 2, 2011 where community concerns were identified. These concerns were captured in the Risk MAP Discovery Report and delivered to the communities in the borough. After the Discovery Meeting, community concerns were researched and analyzed, in order to develop a scope of work that includes multi-hazard risk assessment products and updates to the communities' regulatory flood maps based on community-identified resilience needs.

## Project Milestones and Deliverables

Meeting/Deliverable	Point of Contact	Actual/Projected Date
Risk MAP Discovery Meeting	Tom Tufts	March 2, 2011
Flood Study Kick-Off Meeting	Tom Tufts	July 23-26, 2012
Flood Risk Review Meeting (FRR)/Draft Maps	Tom Tufts	August 27-28, 2013
Preliminary DFIRM/FIS Release	Tom Tufts	June 13, 2014
Consultation Coordination Officers (CCO) Meeting	Ted Perkins	September 9-11, 2014
Public Meeting/Workshop	Ted Perkins	September 9-11, 2014
Appeal Period Starts	Matt Witosky	1 <sup>st</sup> Start: January 28, 2015 2 <sup>nd</sup> Start: August 12, 2015
Appeal Period Ends	Matt Witosky	1 <sup>st</sup> End: April 28, 2015 2 <sup>nd</sup> End: November 10, 2015
Letter of Final Determination	Matt Witosky	April 20, 2016
Draft Multi-Hazard Risk Report	Amanda Siok	October 6, 2016
Maps and FIS become Effective	Ted Perkins	October 20, 2016
Risk MAP Resilience Workshop	Amanda Siok	Summer 2017*
Delivery of Final Risk Report and Risk Assessment Database	Amanda Siok	Fall 2017*

*\*All projected dates are subject to revision as the project progresses.*



## Recent Activity

The flood study has concluded and went effective on October 20, 2016.

FEMA funded its contractor, STARR II, to develop a multi-hazard Risk Report for the Kenai area as part of the ongoing Risk MAP study. Risk assessments have been completed for tsunami, dam failure, erosion, and flood hazards and have been compiled into a draft Risk Report. The State Risk MAP Coordinator, Sally Cox, sent the Risk Report out for review on October 6 and requested comments back by October 28. If there are any additional comments, please be sure to submit them as soon as possible before we finalize the Risk Report.

## Next Steps

Once comments are compiled, FEMA and the State will hold a webinar to review the Risk Report, its data and results, and begin steps to schedule a Resilience Workshop. Scheduling discussions regarding the Risk Assessment Results Webinar and the Resilience Meeting will begin soon.

Additional information on this project including the project area and Risk MAP contacts can be found online at:

[http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Kenai\\_Coastal/SitePages/Home.aspx](http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Kenai_Coastal/SitePages/Home.aspx)

*NOTE: If you have trouble downloading or are prompted for credentials when clicking the file name on the website, cancel the prompt and instead right-click the file name and choose "Save As" or "Save Target As".*

## General Information

If you have questions about this Risk MAP project, please contact the State Risk MAP Coordinator, Sally Russell Cox, [sally.cox@alaska.gov](mailto:sally.cox@alaska.gov), (907) 269-4588.

The STARR II Region X Help Desk is another resource available to answer project-related questions. STARR II staff will route and research your question, and respond within three business days. Submit your questions via email, the address is [RegionXHelpDesk@starr-team.com](mailto:RegionXHelpDesk@starr-team.com).

If you want to keep up with what's happening around Region X, get project status updates, or learn about upcoming events and training opportunities, subscribe to the Region X monthly newsletter. For more information or to subscribe, email [rxnewsletter@starr-team.com](mailto:rxnewsletter@starr-team.com).

Current and past issues of the newsletter, project status updates, announcements, upcoming events, and training opportunities are also available online at the STARR II website, [www.starr-team.com](http://www.starr-team.com) (shortcut link: <http://j.mp/starrrxnews>).

I hope you found this status update email helpful. If you would like to be removed from the distribution list, or if you feel there is someone that should be added to the list, please reply to this email. If you have any questions, or if there is information that you would like to see in future updates, please feel free to contact me by phone or email. My contact information is below.

Sincerely,

**Matt Witosky**

Project Manager

**STARR II - Strategic Alliance for Risk Reduction**



**FOR IMMEDIATE RELEASE**  
April 20, 2017

Contact: Julie Hasquet  
(907) 717-9619

## **Chugach Electric cancels Snow River study**

Chugach Electric Association has canceled its effort exploring the possibility of a hydroelectric project along the Snow River on the Kenai Peninsula. After a series of meetings with government and non-government agencies, and two public meetings this week, the electric cooperative announced today the Board of Directors accepted a staff recommendation to stop all work on the potential project.

“As a member-owned cooperative that values the opinions of Alaskans and the communities we serve, we have decided to end the Snow River study,” said CEO Lee Thibert. “We are committed to sustainable energy, but we’ve heard from many Alaskans who do not want us to study this option, and we appreciate and respond to those voices and concerns.”

Thibert added the utility will not spend any more time, money, or resources on the project.

Chugach received a permit from the Federal Energy Regulatory Commission last month allowing the utility to study the idea of the hydroelectric project in an area previously identified for its potential. The utility, which is guided by sustainability—a business philosophy of considering the economic, environmental, and social impacts of projects—said the early public process led to the conclusion that the project is not consistent with Chugach’s strategic goals.

“Our public engagement process worked,” said Chugach Board Chair Janet Reiser.

“Sustainability is very important to us, and we want to find long-term supplies of energy that will allow Chugach to provide electricity to Alaskans for decades to come. Thank you to our members and other Alaskans who took the time to express their concerns to us.”

In addition to meetings with numerous state and federal agencies, and other groups, Chugach held two public informational meetings this week; one in Anchorage and one in Moose Pass.

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