



Sitka Community Schools

A Department of the Sitka School District

Scott McAdams, Director
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5/20/2013

Mr. Gary Baugher
Maintenance and Operations Superintendent
City and Borough of Sitka
100 Lincoln St.
Sitka, AK 99835

Dear Gary,

Greetings from Sitka Community Schools! I write to day to formalize our prior conversations regarding Community Schools future involvement in the Sitka recycling program. As you know, budget cuts to the school district have forced a merger between the Department of Community Schools and the Sitka High School activities program. Insomuch, we have determined that we no longer have the organizational capacity to continue administering the Recycle Sitka program, and furthermore acknowledge that the recycling program does not align with the mission of our newly merged department.

Thanks in advance for your willingness to work with the community to continue Recycle Sitka. While we had discussed Community Schools ending our contract to provide these services effective June 1, I'd offer to extend that deadline to June 30 if it helps you better prepare for a transition.

Sincerely,

Scott McAdams

Sitka Police Department Newsletter



June 2013

304 Lake Street, Suite 102

(907) 747-3245

(907) 747-7122 Fax

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**Crime Line
(Anonymous):**

(907)747-8980

We're on the Web!
<http://www.sitkapd.com>



Special Report

This is the first in what will be a series of reports about the growing drug problem in Sitka.

The Sitka Police Department met with the Sitka Assembly June 3, 2013 in a work session to update the Assembly on issues the Department is facing. One of the topics discussed at length was the growing drug problem in Sitka. Methamphetamines (meth) and Heroin use are in the rise in Sitka, which brings with a host of other social problems. Education and enforcement are critical to combat illegal drug use. This issue will highlight information about meth (education) and the SEACAD Drug Task Force (enforcement).

SEACAD: The Southeast Alaska Cities against Drugs Task Force (SEACAD) is a pro-active task force whose primary goal is to reduce illegal drug trafficking in Southeast Alaska.

SEACAD provides support to Petersburg, Wrangell, Craig, Klawok, Yakutat, Juneau and Ketchikan police departments. SEACAD has investigative personnel located in Juneau, Ketchikan, Sitka and Petersburg. SEACAD also provides training and education as part of its mission.

An Alaska State Trooper sergeant based in Juneau oversees the operational aspects of SEACAD, while the Sitka Police Department Chief is the administrative project manager. SEACAD is comprised of an Alaska State Trooper sergeant, an AST investigator, a criminal justice technician, a Petersburg Police Department investigator, a Sitka Police Department investigator and a SEACAD investigator with a scent detection K-9.

For more info see

<http://dps.alaska.gov/AST/ABI/SDEUteams.aspx>

Methamphetamine: is an extremely addictive central nervous system stimulant.

It has a structure similar to dopamine (the brain's pleasure transmitter) and causes neurons to release large amounts of dopamine to produce a high. This eventually leads to permanent brain damage as natural dopamine production sites are destroyed - forcing the user to become even more reliant on meth for pleasure.

Made from common household chemicals, methamphetamine is a synthetic drug. The manufacturing of meth occurs everywhere; meth labs have been found in homes, cars, hotels, and many other locations. These environments often expose children to the dangers of meth production, and they are volatile chemical atmospheres for everyone involved: neighbors, children, and even the meth producers ("cooks").

For more info see www.lifeormeth.org,

www.metheducation.com



Be Bear Aware



The bears are awake and out. Be sure to secure all trash in either a bear resistant canister or an area which is bear proof. The Bear Task Force is working on placement of more bear resistant containers and other solutions.

The bear attraction nuisance ordinance has been amended and is being enforced! For complete information on bear attraction nuisance, please go to the Sitka General Code, Chapter 9.24.

For bear tips visit the following site:

<http://www.adfg.alaska.gov/index.cfm?adfg=livingwithbears.main>

Missing Person



The search for 33-year-old Lael Grant, last seen on Oct. 14th, is still an ongoing investigation. A Statewide missing persons report was filed Oct. 19, 2012.

The Police Department continues its investigation of the disappearance and is very interested in tips or information to help locate Lael.

People with information can call Sitka police at 747-3245 or the Crime Line at 747-8980.

The Grant family and friends have put together a reward for \$10,000 for information leading to her location.

Upgraded TWIC Enrollment

The department recently received upgraded TWIC-Transportation Worker Identification Credential- equipment under the new MorphoTrust contract for Universal Enrollment Service. The program in the immediate future will offer the community with HazMat enrollment while continuing to provide TWIC enrollments.



Police and Fire Commission meets the first Wednesday of every month at 6PM in Centennial Hall. For more info go to city site: <http://www.cityofsitka.com/government/clerk/boards/info/safety/index.html>



Construction season is upon us. Please remember to use caution and drive slowly through all construction zones. Delays of up to 20 minutes can be expected in certain areas.



About Our Organization

The emphasis for the Police Department has been and will continue to be a balance of enforcement and community services.

The department consists of two major divisions, Operations and Services. Various units or services include patrol, investigations, dispatch, community jail, animal control and traffic control.

Employees Spotlight

Sitka Police Department Welcomes!

Jonathan Kelton – Patrol Officer



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BLUE LAKE EXPANSION PROJECT

MONTHLY UPDATE FOR CITY ASSEMBLY

Report No. 6

Month ending May 31, 2013

SCOPE

- 83 ft dam raise with modified tunnel system and new 15.9 MW powerhouse (\$89 million)
- Eight supply contracts for Owner-Furnished equipment and materials (\$16 million)

PROJECT HIGHLIGHTS DURING THIS MONTH

- May 1 – mapping and drain holes in the drainage tunnel downstream of the dam were completed. There is very little water in this left abutment of the dam and the rock structure was found to be very competent. Following a refined hillside stability analysis by Hatch and review by the FERC and its Board of Consultants this left abutment was declared adequate for the dam construction. A series of drains and anchors planned for the left abutment have been deleted, reducing the Project cost.
- May 8 and 9 – The FERC and Board of Consultants visited the project site to review the rock conditions and the left abutment drainage tunnel. We received a favorable report from the Board following their visit.
- May 20 – Excavation work for the dam's left abutment thrust block started. However, this work started and stopped during the month as crews were pulled off to work on the intake area. At the end of May the thrust block excavation work is about 55 days behind schedule (but this is not on the Project critical path).
- May 21 – The fish valve bypass at Sawmill Creek campground was opened 100% . The Blue Lake system is now releasing the maximum amount of water possible, without opening the Howell Bunger valve at the dam. The City is managing the Blue Lake reservoir to provide additional time for work around the intake.
- May 28 – Blue Lake Tunnelers will be performing the left abutment thrust block excavation from this date forward.
- May 28 – Excavation along the tunnel intake access road reached the intake portal location (the face of the tunnel entrance). Blue Lake Tunnelers is now working 24/7 with two crews to excavate the intake tunnel. Rock conditions along the intake access road were not as good as expected, requiring more support, this will reduce the cost savings expected from less rock support in other project areas. The rock at the portal is better than that encountered at the access road.
- Excavation work in the powerhouse area continued all month with no improvement in the schedule for completion of the powerhouse. We estimate that the powerhouse construction is about 53 days behind schedule. This is on the Project critical path and is a significant concern to the City.
- The City's Resident Project Representative (RPR) and Barnard are discussing a change order to address the changes in contract scope. Changes will result in both an increase and decrease in project cost. The changes orders include modifications to the Powerhouse structure to meet local building codes, powerhouse concrete outlines and embedded conduits for City supplied equipment, miscellaneous changes for fencing and gate closures, and slope protection for the Reservoir Access Road as a permanent solution, among others.

COST SUMMARY - updated 5/31/13

Project Element	Current Contract Total or Projected Amount	Remaining Contingency incl. Site Representatives	Payments	
			Paid this Month	Paid to Date*
Supply Contracts				
Contract 1 - Turbine Generator Equipment	\$11,573,707	\$1,342,020	\$1,527,969	\$5,586,730
Contract 2 - Switchgear	\$629,980	\$81,122	\$62,998	\$64,581
Contract 2A - SS Switchgear	\$300,000	\$0	\$0	\$0
Contract 3 - Gates and Hoist	\$780,185	\$37,505	\$0	\$290,554
Contract 4 - Penstock	\$836,315	\$91,660	\$0	\$753,962
Contract 5 - 69 kV Transformers	\$592,584	\$26,900	\$0	\$1,204
Contract 6 - Bridge Crane Equipment	\$270,518	\$18,170	\$135,259	\$245,246
Contract 7 - Steel Building	\$1,138,918	\$46,730	\$56,906	\$118,607
Contract 8, Debris Management	\$1,530,000	\$0	\$0	\$0
Contract 9, General Construction	\$88,054,075	\$4,640,225	\$6,513,472	\$26,026,112
Diesel Fuel	\$1,260,000	\$0	\$0	\$0
Temporary Filtration**	\$3,000,000	\$0	\$0	\$0
Remaining Project Costs		(\$302,541)	\$0	\$0
License Amendment	\$1,150,000	\$0	\$6,907	\$1,115,234
Engineering	\$10,850,000	\$0	\$47,202	\$11,364,659
Construction Management	\$6,974,594	\$0	\$270,449	\$2,064,727
City Performed Work	\$1,495,000	\$0	\$140,831	\$858,204
Incentive Payment	\$1,600,000	\$0	\$0	\$0
Cost of Insurance/Reserve Account	\$3,500,000	\$0	\$0	\$0
TOTALS		\$135,535,876	\$5,981,791	
ESTIMATED TOTAL PROJECT COST		\$141,517,667	\$8,761,993	\$48,489,820.32

*Paid to Date includes unpaid retainage

**Temporary Filtration budget updated. Assembly approval will be requested at a later date for the overrun.

COST CHANGES THIS MONTH

- There were no change orders issued on the supply contracts issued in May that affected the cost of these contracts.
- We do expect a series of change orders for the supply contracts for the purchase of additional spare parts (Contracts 1, 2, 3, and 6) over the next two months. Also, a change order for about \$13,000 is underway on contract 2 for a City-requested change in the 15kV current transformers (current monitoring devices in the switchgear).
- No change orders were signed for the general construction contract (Contract 9) in May. A long negotiation took place through May to agree on the markup and overhead to be applied to change orders. We have about 16 change items now in negotiation with Barnard, many of which will be included in a change order to be executed in June. These change items include: stairway changes for code compliance; powerhouse embedded conduit modifications; new retaining walls; fencing changes; etc.

CONSTRUCTION SCHEDULE MILESTONES: PLANNED/ACTUAL

Construction Start	11-20-2012/ 12-3-2012	Powerhouse complete	6-10-2014/
Excavations Complete	6-28-2013/	Dam complete	7-26-2014/
Drainage Tunnel Comp.	7-1-2013/ 5-1-2013	Shutdown – Existing PH	8-1-2014/
Intake complete	5-20-2014/	Startup – New Powerhouse	10-1-2014/
Filtration Plant On-line	6-1-2014/	Substantial Completion	1-1-2015/

NOTES ON PROJECT SCHEDULE

- Construction work in the powerhouse is now significantly behind schedule. We continue to question Barnard regarding their plan for accelerating the work.
- Construction at the intake portal is behind schedule due to the difficult working conditions. The intake tunnel excavation has now started at the end of May. We believe the Contractor's plan for two-shift 24/7 excavation work will help recover much of the lost schedule for the intake tunnel.
- Delivery schedules for the supply contracts continue to be acceptable— all show arrival of goods and equipment on site in adequate time. The powerhouse crane and penstock materials are now on site. Factory acceptance tests of the first turbine will be conducted on June 4 and 5. This is still a very adequate schedule as the start of installation of these items is planned for January, 2014.
- Contract 3 Gates and Hoist is scheduled for delivery in late June, 2013
- Contract 7 Metal building is scheduled for delivery in June through September, 2013
- The CM team and Electric Department continue working on the City-performed work tasks to ensure these activities get done on time. Several of these work items are now complete. Continued good progress is needed through June to make sure we do not impact the construction schedule.

PROJECT RISK PROFILE

A discussion of the major risk areas follows below. As a general rule risks are measured as follows:

LOW: Probability of less than 10%, or mitigation cost less than \$1 million.

MODERATE: Probability of more than 30%, or mitigation cost up to \$5 million.

HIGH: Probability of more than 60%, or mitigation cost likely more than \$5 million.

The City's project team believes the following risk areas will dominate the potential for increases in overall Project cost. We also believe these areas pose the greatest risk for schedule delays.

Construction Schedule: This is a new risk area added with this month's report. The construction contractor is now about 70 days behind schedule with the powerhouse construction. This work is on the critical path. We are working with the Contractor to aid them in modifying their construction plan to recover their schedule. They made changes in their plan and work distribution in May, but the powerhouse schedule did not improve.

CURRENT RISK: MODERATE

Weather and Lake levels: High water inflows to Blue Lake in 2013 and 2014 have the potential to delay work near the dam and intake. We have established with Barnard Construction a "lake level window" for each of the 2013 and 2014 construction seasons. As long as the lake's water level is at or below these level windows, we expect no delays or additional costs to the City. The Blue Lake level is now 6 feet above its rule curve and Green Lake is 49 feet high relative to its curve. High inflows in late May caused a jump in lake levels. We are now releasing the maximum physical flow from Blue Lake, without opening the valve at the dam. We continue to expect the 2013 construction window will be met without problems, see the attached Lake Level Reports.

CURRENT RISK: LOW TO MODERATE

Rock Conditions: Contract 9 includes an allowance of \$2,702,000 for rock support in the Project tunnels, shafts and excavations. This rock support is a combination of rock bolts, shotcrete, and steel arch supports. If rock conditions are worse than we expect, our rock support cost allowance may not be sufficient. Based on the excavation work during May it appears that rock support will cost less than expected at the powerhouse, adit and surge shaft and drainage tunnel. It will cost more in the intake and gate shaft areas. Project-wide the total underground excavation work is now about 60% complete.

Additional rock support will be required at the intake area. We have also determined that the rock conditions are not as good as expected on the dam right abutment where the reservoir access road and gate house are located. Realignment of the reservoir access road and a deeper foundation excavation for the gate house are currently being developed. These changes will result in added cost to the City and will consume part of our rock support allowance. This issue remains from April and a final reservoir access road alignment has not yet been defined.

Note that most of the excavation work on the Project will be completed by mid-summer 2013. At that time we will know if our rock support allowance is adequate. Right now the overall allowance for rock support on the project looks to be adequate.

CURRENT RISK: LOW

City Performed Work, for Contract 9: The City has elected to self-perform some work associated with the Project's general construction. This work includes: procurement, installation and field wiring of a switchyard control building; installation and connection of fiber-optic cables from the powerhouse to the dam; control wiring of the Fish Valve Unit generator; and design and installation of the SCADA system. The bulk of this work is either under design or is underway at the Project. We are currently making good progress in this work.

CURRENT RISK: MODERATE. [See Appendix 1-Action Plan at the end of this monthly update, for the status of this self-performed work].

Temporary Water Filtration Plant: During the August through September 2014 outage of the Blue Lake tunnel, the City will need to get its drinking water from a temporary water supply. This temporary system needs to be designed, purchased and installed at Indian River. This system must be in place and fully operational before the Blue Lake tunnel can be shut down to connect the new powerhouse. Any delay in the filtration plant beyond August 1, 2014, will delay the hydro expansion Project. Currently a \$2 million cost allowance is being maintained in the Blue Lake Expansion Project funds for the filtration plant. CH2 MHILL estimates \$3.0 million. This \$1.0 million dollar increase has been added to the project cash flow spreadsheet using contingency funds which have now been consumed. The filtration project is being managed by the City's Public Works department.

CURRENT RISK: MODERATE [The current status of the filtration system design and planned construction is described in Appendix 2. If the filtration system is constructed as planned, we will be ok for the Expansion Project.]

Other: This is a broad combination of bad things that might happen such as: earthquake; construction site accidents; equipment damage during shipping; floods; extreme winter weather; fire; labor unrest; etc. We expect that many of these risks would be covered by insurance at least in part.

CURRENT RISK: LOW

PROJECT PHOTO RECORD THIS MONTH

Photos are taken of each work area each month from a fixed location to document construction progress by work area. Relevant photos of the project for this month are provided on the following pages.



Figure 1. Dam and Left Abutment Area, Excavation on the left abutment began and BLT will be performing the left abutment thrust block excavation from this month forward.



Figure 2. Drainage Tunnel and Scour Wall, no change this month.



Figure 3. Intake Portal and Right Abutment, – Excavation along the tunnel intake access road reached the intake portal location (the face of the tunnel entrance). Blue Lake Tunnelers is now working 24/7 with two crews to excavate the intake tunnel. Scaffolding was erected to reach the top of the dam from the staging area to prepare the right abutment for the dam raise.



Figure 4. Gate House Location, No change this month.



Figure 5. Dam Staging area, Continued use of the staging area for both cranes and eventually tunnel muck from the intake excavation will be stored here.



Figure 6. Surge Chamber Top Portal, Work to prepare the top portal for the small structure that will be constructed over the opening is complete.

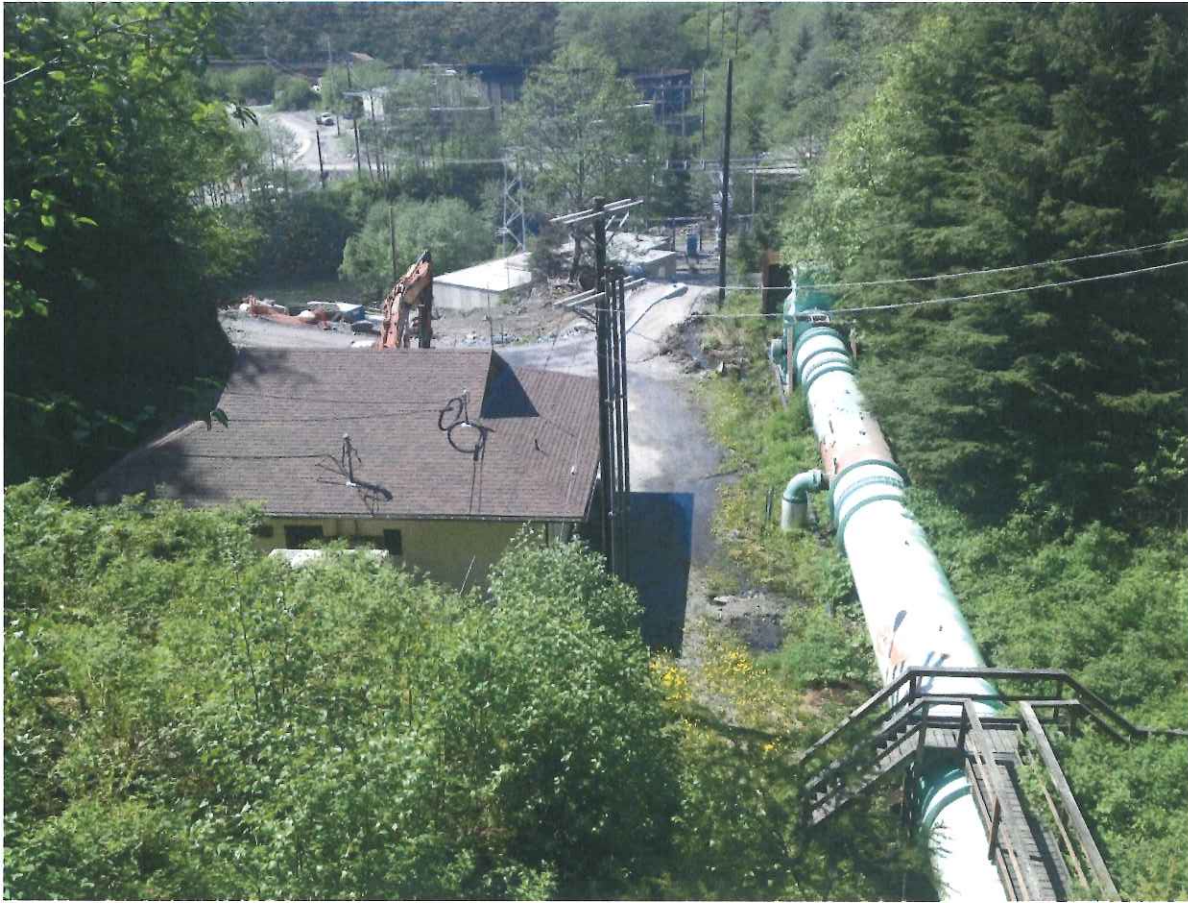


Figure 7. Lower Portal Area, No change this month.

PCL XL Error

Subsystem: KERNEL
Error: IllegalTag
File Name: kernel.c
Line Number: 1921

Public Works Assembly Update 6-5-13

***Baranof Street Water and Sewer Improvements:**

Construction has begun on June 4, 2013 with the removal of pavement starting north of Lincoln Street. Bids were opened April 11, 2013. The contract to construct was awarded to S&S General Contractors on the April 23, 2013 Assembly meeting in the amount of \$1,712,916.00. The contractor has begun to submit technical submittals for review. The total estimated cost of the project is \$2,232,000.00.

The project includes water, sewer, storm drain, curb & gutter, sidewalk and pavement improvements and has a total funding of \$2,672,500.00 including Alaska Department of Environmental Conservation (ADEC) Municipal Matching Grant and Loan funds.

Public Works has completed working with property owners at 200 Baranof Street and 603 Etolin Street to obtain a small portion of additional right-of-way for the Baranof Street project. In both instances, existing improvements (asphalt pavement) are located on the subject properties. The small property acquisitions are required to maintain the existing right-of-way widths and install necessary drainage improvements. Both property owners are amenable to the City acquiring this property and a replat of the properties is scheduled for the next Planning and Zoning Commission meeting.

Federal Land Access Program (Flap) Grant:

Staff submitted the Federal Lands Access Program grant for the unfunded portion of the Crosstrail project, the Baranof/Pherson Streets and Yaw Drive connectors. The grant request is for \$916,896 for 5500' of multimodal pathway construction. This project will be a partnership effort with Sitka Trail Works and the US Forest Service. The required 9.03% match will come from in-kind time from the Parks and Recreation, a Sitka Trail Works donation and Title II RAC funds. Once the grant agreement is finalized by Western Federal Lands, it will be brought before the Assembly for final acceptance.

*** ANB Harbor Replacement:**

The Assembly approved advertising for bids for the Procurement Contract for ANB Harbor on April 23, 2013. The current schedule has the Procurement Contract bids opening June 7, 2013 and the contract award in June 2013 with float fabrication from late July thru early November 2013.

The consultant is currently working toward the 65% submittal for the Installation Package with a deliverable date of June 18, 2013. The Installation Contract is scheduled to be advertised in late August 2013 with contract award in October 2013. Demolition and associated uplands work will likely begin shortly thereafter with pile and float installation beginning late November 2013. Construction is anticipated to be substantially complete by late February 2014.

The US Army Corps of Engineers (USACE) permit advertisement was sent out to various State agencies on May 15, 2013 with agency comments due by May 24, 2013. We have been informed that no significant agency comments were submitted and the permit should be in hand by early June.

The rough order of magnitude cost estimate for ANB Harbor (to include design, permitting, construction, and contingency) is approximately \$8.5 million. The estimate will be revisited and refined at each project milestone.

CBS received a FY13 State of Alaska Municipal Harbor Facility Matching Grant, for the ANB Harbor Replacement Project, which will cover 50% of eligible construction costs not to exceed \$4,250,000 in match funding. CBS has received bond proceeds from the Alaska Municipal Bond Bank in the amount of \$4,600,000 for this project. On January 10, 2013, the Assembly awarded a Professional Services Contract to Moffatt & Nichol for the ANB Harbor Replacement Project.

***Centennial Hall Renovation:**

The consultant is continuing the 35% design of the project. The 8th Building Design Committee (BDC) meeting was held May 15, 2013. This meeting focused on the exterior building elevation options. The current options include space for the Museum in phase one construction. This option also allows for more exhibit/meeting space than previous options and places the Museum in its final location so it only has to be moved once. The Design Development Staff has been meeting weekly to work out both interior layout and the exterior look. An assembly workshop and public meeting was held on June 3, 2013 and June 4, 2013 respectively to present the floor plan, exterior elevation concepts and preliminary budget.

Current grant funding allocated to the project is \$8,230,000 and the project has a current total project cost of \$15.2 million including a new museum wing. Additional FY14 Legislative Priority Requests consists of \$4,200,000, for the building improvements and \$3,341,000 for combined Library/Centennial Hall heating system improvements. The state grant (\$2,000,000) for a lightering facility visitor's center (previously planned for under the O'Connell Bridge) may be used for this project to provide a visitor center for the Crescent Harbor lightering facility. Additionally, we have approximately 2 million dollars from the Marine Passenger Fee Fund that would be eligible for this project. If additional funds are not secured, the scope of the project will need to be phased with additional museum and meeting space expansion planned for the future if and when funding becomes available.

***Centennial Hall & Library Site and Parking Lot Development:**

The project is being completed in phases with milestone completion dates for each phase. Phases I and II consist of the Centennial Hall and Library Parking lot areas. Phase III is Crescent Harbor parking lot and Phase IV is the pedestrian promenade area next to the lightering dock on the east side of Centennial Hall. The Contractor is currently working on Phase II and IV of the project with installation of concrete curb and

gutter and sidewalk. Partial closures to areas of the Crescent Harbor parking lot will be taking place in order to install the new storm drain system that is part of Phase II of the project.

A summary of the project is:

Relocation of the canoe, underground utilities including 60" CMP (corrugated metal pipe), **This work was completed March 15, 2013.**

Centennial Hall and Library Parking lot areas; Remove trees to be transplanted, , relocate Baranof Statue, demo all existing lighting, pavement, sidewalk and adjust electric utility vault, install curb and gutter, sidewalk, unit pavers, temporary concrete, decorative concrete, concrete landscaping features and site lighting, **This work was substantially completed June 1, 2013.**

The pedestrian promenade area next to the lightering dock on the east side of Centennial Hall; demolition of pavement, curbs, sidewalk, landscaping features, lighting, storm drain removal, install curb and gutter, sidewalk, decorative concrete, storm drain pipe, signs, new lighting, and other items of work. Completion of this work is scheduled for June 15, 2013.

Crescent Harbor parking lot: Demolition of pavement, curbs, sidewalk, landscaping, lighting, storm drain, install curb and gutter, sidewalk, unit pavers, decorative concrete, asphalt pavement overlay, storm drain, signs, striping, install new lighting, landscaping (all landscaping to be completed by end of this phase) and other items of Work. Completion of this work is scheduled for September 30, 2013.

S&S General Contractors was awarded the contract in the amount of \$2,613,651. Construction started in late January 2013 and final completion is scheduled for September 30, 2013. The total project budget is \$3,950,000.

***Alternative Water Source Investigation Filtration (Blue Lake Project):**

The consultant has submitted the design report for the project to Alaska Department of Environmental Conservation (ADEC) for review. The proposed schedule has the design completed in October 2013, ADEC permitting completed in March of 2014, construction of the piping and pumping completed in April 2014 and final installation of the filter units in June 2014 for operation in July 2014. The preliminary design has a projected design and construction cost of \$3,000,000. Due to the lack of well potential in the Indian River Valley, temporary surface water filtration will need to be utilized during the Blue Lake Project outage. Award of the design contract was approved by the Assembly on February 12, 2013.

***Ultra Violet (UV) Disinfection Facility:**

We have completed the negotiations with the design consultant (CH2MHill) to complete the UV disinfection facility design. The contract for the design of the facility will be presented to the Assembly for approval at the June 11, 2013 Assembly meeting.

The UV reactors are being manufactured by Trojan Technologies. These components will be installed in the new UV disinfection building. The project to design and construct the Facility will be operational by 2014. Public Works anticipates completion of the water line tees for the new UV Treatment Facility in June 2013. On February 14, 2013, the Assembly approved award of a contract to CBC Construction for the amount of \$179,960.

The Blue Lake drinking water system is a surface water system, which must comply with the EPA Enhanced Surface Water Treatment Rules (ESWTRs). The subject UV Disinfection Facility will provide the additional microbial and disinfection controls required under the ESWTRs.

Funding for this project will come from State loans and grants.

- \$4,000,000 FY 2011 State of Alaska Department of Environmental Conservation (ADEC) Loan. Includes \$2,500,000 financed with \$1,500,000 subsidized.
- \$2,550,000 FY 2012 ADEC Loan (pending).
- \$3,500,000 FY 2012 ADEC Grant (30% local match requirement)
- \$2,061,000 FY 2013 ADEC Grant (pending - 30% local match requirement)

\$12,111,000 Total Project Funding with a current project budget of \$8,966,000

The grants and loans indicated as pending are grants and loans listed on the Alaska Drinking Water Fund intended use plans which CBS has submitted appropriate paper work to have the grant or loan finalized.

***Library Development Planning:**

The library expansion options were presented to the Assembly on September 25, 2012. The Assembly approved the 50% - 60% option moving forward to a Request for Proposals (RFQ), to design the project. The MRV Architects design team was selected with the contract to be presented to the Assembly for award on June 11, 2013.

The design phase is expected to take 12 months with advertisement for construction planned for spring 2014. The project construction may be completed in late 2014 or in 2015. The State funding of \$5.7 million awarded to CBS is a direct appropriation with no funding match requirements. A private donation of \$400,000 has also been given to the project by the John J. and Eleanor Brust Family. \$350,000.00 of the budget is allocated to the Centennial Hall Parking Lot Project to relocate the Swan Lake Storm Drain, leaving a current project budget of \$5.75 million for the expansion and renovation of the Library.

***Blatchley Middle School:**

The project is approximately 95% complete, within its budget and on schedule for completion in 2013. Installation of wall and floor finishes continues. The Contractors

are working on completion/correction of items noted by the Engineers and Commissioning Agent found during the January inspections. The Commissioning is scheduled for July 14-17, 2013. The project budget is \$12.475 million. The contract required substantial completion date is August 1, 2013 and is within project budget.

***Pacific High School:**

The building is approximately 45% complete. It is 'dried in'- the roof sheathing is installed and the waterproof membrane and roofing installation is complete. Interior walls have been framed and the sheet rock is being installed. Electrical and Mechanical rough-in is nearing completion. Contractor's schedule predicts the project completion prior to the required substantial completion. If accomplished, this will allow the school to be open for the fall 2013 semester. The project budget is \$2.671 million. The contract required substantial completion date is December 1, 2013 and is within project budget.

***Storm Water Master Plan Phase II:**

Tetra Tech came to Sitka in April to locate, evaluate and analyze existing storm water drainage system problem areas. This work was completed by the Tetra Tech team as scheduled. Preliminary GIS data and reports have been received and are under review.

The first phase of the Storm Water Master Plan was completed the end of June 2012 with Tetra Tech Alaska, LLC gathering existing infrastructure data and condition inventory to include in our GIS system along with precipitation analysis and drainage basin delineation as part of the first phase of the project. The second year grant funding (FY13) was approved by the Alaska Department of Environmental Conservation and the grant agreement was authorized by the Assembly in July 2012. The grant amount of \$43,388 requires a forty percent CBS match of \$28,925.

***Sitka Community Hospital Roof Replacement:**

The Assembly approved award of a construction contract to CBC Construction, Inc. in the amount of \$784,754.16 for the Sitka Community Hospital Roof Replacement project on April 23, 2013. Due to the very competitive bid received, a change order to the contract was approved to change the insulation to a better product (polyiso instead of EPS). Public Works recently completed a review of submittals from the Contractor. Public Work anticipates construction to start in early July 2013 and substantial completion by August 31, 2013. The pre-construction meeting was held May 29, 2013.

The project is funded through a \$1,200,000 FY2013 State Legislative Grant.

Swan Lake Restoration / Dredging Project (Project # 90747):

The Assembly approved award of a construction contract to Island Enterprises, Inc. in the amount of \$399,806.00 for the Swan Lake Restoration – Lake Dredging project on April 23, 2013. The project includes dredging prioritized selected locations to improve water flow through the lake, winter habitat for fish, access and recreation in general. The Swan Lake dredging project was planned to take place this summer, however may be deferred until the summer of 2014 per project specifications and the preference of

the low bidder. Public Works is investigating any possible implications to funding or permitting if the work is delayed one season. Public Works Engineering is working with the contractor to develop a detailed work plan that will potentially cover the entire grant period through 2015.

The City and Borough of Sitka received \$771,236 in Federal funds through the Coastal Impact Assistance Program (CIAP) for this restoration project on Swan Lake. The grant is administered through the Wildlife and Sport Fish Restoration Program, CIAP Branch and runs through December 2015.

Purchase of a refurbished aquatic weed harvester was included in the grant funding. These floating machines cut and remove the vegetation to improve recreational opportunities and water flow through the lake. The search for a suitable harvester is on-going with several suppliers.

Edgecumbe Drive Street Reconstruction:

The project is funded through a \$2,900,000 FY2013 State Legislative Grant (Paving Failed Collector Streets – Edgecumbe Drive and Jeff Davis Street). Budgetary cost estimates were completed to help scope the project based on funds available. That estimate indicates approximately \$5.5 million would be required to completely rebuild Edgecumbe Drive from Kimsham to Cascade Creek to include paving, curb and gutter, sidewalk, and storm drain (budget shortfall of \$3.25 million); approximately \$3.5 million would be required to rebuild Edgecumbe Drive from Kimsham to Cascade Creek to include paving and storm drain only (budget shortfall of \$1.25 million); and approximately \$2.5 million would be required to rebuild Edgecumbe Drive from Kimsham to Cascade Creek to include paving the drive lanes (not shoulders) and storm drain (budget shortfall of \$250,000). Public Works staff has begun planning level work for this project. Test borings were completed along Edgecumbe Drive in areas of suspected subgrade failure and in other areas of interest on March 4-5, 2013. This information will assist in the design of the improvements. Public Works anticipates construction during the summer of 2014.

Sawmill Cove Industrial Park Marine Services Industry Feasibility Study:

The RFP for proposals began advertising on February 25, 2013. The scope of the project includes an evaluation of the suitability of a marine haul out facility, a moorage facility for large commercial vessels and a deepwater dock and related infrastructure. The project is funded by a Federal Earmark of \$486,917. The project will be administered by Public Works and the Sawmill Cove Industrial Park Director Garry White. The funding is through the State of Alaska and their procurement procedures will be followed to meet the Federal requirements. The single proposal was received March 29, 2013. The proposal has been reviewed and approved by the Sawmill Cove Industrial Park Board and Public Works is negotiating with the sole proposer, Northern Economics and PND Engineering.

***Water Operators Gearing Up for Indian River Sampling:**

This summer special sampling of Indian River raw water will be performed in preparation for the summer of 2014 when the Blue Lake Supply will be out of service as part of the Blue Lake Dam expansion. Water quality changes seasonally so operators will collect and analyze samples this summer to help finalize treatment processes that will be needed to produce adequate potable water for the community next year.

***Wastewater (WW) Division Routine Maintenance:**

During the second half of May, WW operators dedicated most of their maintenance time to the Landfill Lift Station. The landfill leachate contains dissolved iron, when the leachate is aerated as when it cascades into the lift station wet well and is pumped, the dissolved iron combines with oxygen and forms iron oxide (rust solid) which precipitates onto the pipe and pump surfaces eventually restricting pump and gravity piping performance. WW operators dismantle the pumps and pump station piping; cleaning them on a routine maintenance schedule every four – six months. The Public Works Crew likewise cleans the force main and gravity piping with the “camel” vactor truck. During routine Lift Station maintenance in mid-late May, the #2 pump was not only cleaned but completely rebuilt including new motor bearings, mechanical seal and backing plate. When the pumps were put back into service a leak in the force main was identified near the discharge from the wet well. The WW crew worked with assistance from the PW crew, excavator and dump truck to locate the leak and replace a section of the ductile iron force main. A second leak was discovered approximately 100’ upstream which was repaired with a repair clamp. Both of these leaks were caused by external corrosion holes where the ductile iron main had been placed on top of large shot rock. There have been four leaks on this force main in the last dozen years. Replacing the force main will be added to our future capital replacement plan.

***Water Service Leaks:**

During the last two weeks of May, the Water Division responded to 12 customer call-outs: four for locates, eight for service leaks. Seven of the leaks were found to be on the customer side of the service lines. The significant leak in the Wortman Booster Station Pressure Zone was found and repaired during the last two weeks. W & WW Operators have been actively looking for the leak or leaks causing high pump run times at the water booster station for several months; using a variety of methods and public interaction. The leak was in a residential service line – “in the woods” and the stream of water was not being noticed by neighbors etc... The hole in the service line has been repaired. The second pump in the booster station ran 1/10th of an hour over the weekend – previously that pump was averaging 15 hours over a weekend! Two dirty water complaints from the airport vicinity have been investigated during the last week. There has unusual water use with the paving project and DOT fire training; we suspect this high flow use locally stirred up some sediment in the airport main line.

***Annual Lead and Copper Sampling:**

The Water operators are preparing for the annual Lead and Copper sampling which takes place at the household tap inside 40 specifically selected homes during July. Letters will be sent soon to the participating customers; sample bottle drop off/pick up will be coordinated with the residents who collect the "first draw" samples after the water has stood in the faucet and piping a minimum of six hours; typically overnight. Results of lead and copper testing, guide our corrosion control program and the addition of soda ash solution to the transmission main before the water gets to town. The addition of soda ash solution to our water increases the alkalinity and pH, reducing household plumbing corrosiveness.

***Water Division Works on ANB Harbor Renovation & the new service line to Crescent Harbor:**

Water operators have been working with Engineering and the design consultant for a new water system for ANB Harbor. The Water Division is also assisting Engineering and the Harbor Dept. in the selection of materials for replacing the water service line to Crescent Harbor. The work will be done before the new Seawalk project installs a new sidewalk past the area of the water service crossing.

***Temporary Wayfinding Signage:**

The Tourism Committee met May 28, 2013. One of the items on the agenda referenced the proposed temporary signage recommendations. After some discussion the design and content of the signs was approved. The temporary signage has been ordered and should arrive in approximately two weeks. Upon receipt of the signs, the Parks and Recreation maintenance staff will be installing them in their identified locations.

Cross Trail STIP:

On February 14, 2013, Parks and Recreation Division staff learned that the Alaska Department of Transportation (ADOT) re-instated 2013 – 2015 Statewide Transportation Improvement Program (STIP) funding for the Cross Trail Multimodal Pathway. The amount re-funded for FY'13 and '14 was \$836,000. The STIP funding is for the construction of the 4,345' central section of the existing Cross Trail from approximately the Mental Health property to Yaw Drive. ADOT has provided CBS with an updated schedule for the project that is under staff review. Currently the trail alignment has had a preliminary survey; permitting and easement negotiations are underway.

Alaska Community Forestry CBS Inventory:

CBS Parks and Recreation staff is working with the Alaska Community Forestry Program to complete a Community Forest Management Plan and survey for urban trees in park areas owned by CBS. This plan includes a tree ordinance that is being worked on by the Tree and Landscape Committee. The project is funded with a \$26,000 grant from the Alaska Community Forestry Program. The draft plan was presented at the April 9, 2013 Assembly meeting. Alaska Community Forestry staff is in the process of making

final revisions and the plan to try and present to the Assembly for approval is anticipated for June 2013.

Access Walkway by Brenner's:

John Rennie has completed the first part of the access ramp beside Brenner's. A red herringbone pattern in concrete has been placed and looks very good. Lee's Fabrication will be fabricating and installing the aluminum railings in two weeks. The project continues to move forward as weather allows.

***City Hall Window Replacement – 3rd Floor:**

Bids were opened February 26, 2013. H Construction was the low bidder at \$64,500.00. The Assembly approved award of the Contract at the following meeting held March 12, 2013. The project is funded out of the Building Maintenance fund.

The project consists of replacing 27 windows on the third floor of City Hall with substantial completion by June 30, 2013. This project was completed a head of schedule, on May 29, 2013.



PHOTO BY PAULA DOBBYN

Hydaburg resident Marvell Nix fillets a day's catch of subsistence-caught sockeye salmon on the public dock in Hydaburg. Sockeye is the most important fish for Southeast Alaska's rural residents.

Southeast Tribes and federal officials work together to manage salmon

BY PAULA DOBBYN
FOR FIRST ALASKANS

SITKA – Bears and salmon dominate the coastal temperate rainforests of Southeast Alaska. Life in the rugged Tongass National Forest, which covers most of Southeast, often revolves around catching, viewing or hunting these two iconic species. Or, in the case of brown bears, maybe trying to avoid them all together.

Rebecca Fritz and Tasha Folsom immersed themselves last summer in the Tongass' bear-salmon mashup, working as fish technicians for the Sitka Tribe of Alaska. They monitored a weir in Klag Bay, about 65 miles north of Sitka, a fishing and tourism community on the outer coast of the Tongass' island-studded Inside Passage. The freshwater creeks that drain into Klag Bay are part of a massive network of salmon waterways in the 17 million-acre Tongass. They're among the 17,690 miles of salmon rivers, lakes and streams that produces about one-third of Alaska's overall commercial salmon harvest, about 48 million salmon a year on average.

Klag Bay is an historic summer fish camp for Alaska Natives. Its freshwater arteries form a biological hotspot where salmon, bears and people co-mingle, often in very close range.

"We were bear bait," said Fritz, who counted sockeye, collected biological samples and interviewed harvesters about the size of their catch. "You'd wake up in the morning and see bear scat all over the place. There was a momma bear and her cub who hung out with us all summer."

Hand in Hand





Left to Right: Sam Petro, Tasha Folsom, Heather Riggs, Aaron Bean, Rebecca Fritz and Jessica Gill. This group of fish technicians monitored a weir at Klag Bay last summer under the guidance of tribal fisheries biologist Jessica Gill.

Knowledge is the key

Fritz and Folsom's jobs — and those of about 60 other people — exist because of a special relationship forged over the past decade between Native Tribes and the U.S. Forest Service. That relationship grew from the Forest Service's Subsistence Fisheries and Wildlife Monitoring Program in Alaska.

The program gathers information on the No. 1 subsistence fish in Southeast — sockeye salmon. The goal is to understand how many sockeye return to freshwater to spawn so that regulators can optimize the harvest or make in-season adjustments.

Dan Willis (Tlingit) of Kake leads a field crew at another subsistence sockeye monitoring project called Falls Lake on the east side of Baranof Island, about 30 miles west of Kake by boat. The Falls Lake research site also cranks with brown bears and salmon.

"I've had guys quit because they don't want to be around so many bears," said Willis.

But Willis, who grew up in Southeast Alaska, has learned to handle the risks of the job. He's received extensive training from the Forest Service, which runs about a dozen cooperative fish monitoring programs with tribes in Southeast. For Willis, the fact that he gets to spend the summer counting fish and experiencing nature up-close makes it a good gig.

"I've grown up being a fisherman and a deer hunter. I like the wilderness. It's very quiet. It's my home away from home," said Willis.

And compared to Willis' previous jobs driving heavy equipment and blasting logging roads into the forest, the weir work suits his interests better.

"It's nice to be around fish, especially the kind you like to eat."

Rural residents of Southeast rely heavily on salmon, with the average person using about 75 pounds per year, according to the Forest Service. Of the five species of wild Pacific salmon that return from the ocean to spawning beds in the Tongass every summer, sockeye is the most crucial to subsistence fishermen. Its high oil content and savory red meat have long made sockeye a delicacy and a staple.

Hydaburg Mayor Tony Christianson (Haida), who recently won a national award from the Forest Service for fisheries stewardship, describes sockeye as "our most prized resource." Christianson is credited with leading his tribe's involvement in a successful sockeye monitoring project at Metta Lake, near Hydaburg, that helped rebuild a troubled run.

"We convinced the community not to fish the early June run because we had low numbers," said Christianson.

By lifting fishing pressure on the early run, the Tribe was able to increase the number of spawning fish returning to the lake by a factor of several hundred, he said. At first it wasn't easy getting buy-in from residents who generally like to fish in June, when the sockeye are first returning. But when Tribal researchers shared the data with the community through meetings and word of mouth, support for a self-imposed closure grew.

"When you share information collected by local people, it's a lot

First Alaskans • June/July 2013



PHOTO BY PAULA DOBBYN

This photo shows Hydaburg Mayor Tony Christianson, Christianson, who recently won a national award from the U.S. Forest Service for fisheries stewardship, is the principal investigator of the Hella Lake sockeye salmon research project near Hydaburg on Prince of Wales Island in Southeast Alaska.

easier. When the government was leading the monitoring, there was more of a trust issue," Christianson said.

Natives, federal officials work together

The Tlingit and Haida tribes of Southeast Alaska historically managed sockeye salmon based on clan structure. Fishing rights and harvest levels were set by the clan leader, or Yalxat, "the keeper of the house," according to anthropologists. Southeast coastal tribes long had the means to overharvest salmon but they didn't. An Alaska Department of Fish and Game research paper published in October 1990 found that clan leaders were responsible for making sure their salmon fisheries remained productive and they used "biological, social and spiritual methods to meet their obligation."

In modern times, most of Southeast Alaska is owned and managed by the federal government, namely the Forest Service. Under the Alaska National Interest Lands Conservation Act, the agency is legally required to manage the subsistence harvest and use of fish adjacent to the Tongass. Since sockeye are the most important subsistence fish in the region, the Forest Service carries out numerous sockeye stock assessments, harvest surveys and traditional ecological knowledge projects in cooperation with tribes. Public involvement is considered crucial as far as getting reliable data and support for management decisions, including emergency closures and harvest adjustments, according to the Forest Service. As time has gone by, the tribes have taken an increasingly prominent role in much of the research and monitoring of sockeye.

"We started the Klag Bay project in 2001. We were the principal investigators for the first few years but then the Tribe began taking on more responsibility and now they basically run the project," said Terry Suminski, Forest Service subsistence program leader for the Tongass.

Some tribes, such as Sitka and Hydaburg, have developed the expertise and hired trained staff to manage the research projects

themselves. Others prefer the Forest Service to do most of the number-crunching, analysis and administration while offering summer crew to collect the data, Suminski said.

The fisheries and wildlife monitoring program has been around for about a decade. During that time, more than \$11 million has been invested with tribes through direct contracts to perform the work.

"It's resulted in job creation, capacity building, better relationships with tribes, and more effective management and knowledge of the resource," Suminski said.

More fish in the net

Folsom is a Montana native who migrated north to Southeast Alaska six years ago and got bitten by the commercial fishing bug.

A Sitka resident, Folsom was studying environmental science when a deckhand job fell into her lap. She didn't finish her college degree but she hasn't looked back. She longlines for black cod and halibut, trolls for salmon and harvests tanner crab.

"I love being out on the water," Folsom said.

Working at Klag Bay allowed Folsom to commercially catch fish when she wasn't counting them at the weir, a fence-type structure erected across a river to trap fish so that technicians get an accurate count and take samples to assess age, weight and length.

Folsom views the research as a way to ensure that Alaska's salmon are carefully managed for the long haul.

"It's all about monitoring and making sure we're not overharvesting. We have to keep an accurate count of what we have. It's our way living, our way of life up here."

The Forest Service says cooperative research with tribes has many advantages. Not only does it provide jobs in areas with chronically high unemployment, it can open a path to career and educational opportunities in fisheries biology and management.

Christianson said it's a way to blend Western science and traditional, ecological knowledge.

But perhaps most importantly, it allows for better understanding of sockeye populations, which ultimately can mean more fish in the net. At Neva Lake, for example, after a couple of years of data collection with the Hoona Indian Association, the research indicated that the sockeye salmon run was more productive than what had been assumed. As a result, harvest limits were increased to 40 fish per household from 25, and the season was lengthened by two weeks, according to a Forest Service report.

The program has also helped to reduce controversy, as in the case of Klag Bay, said Suminski.

"We began that project because there was this perception that there was a large sport fish take out there. Through the Tribe collecting the data themselves, we found that it's actually a very small percentage of sockeye that are taken by sport fishermen: less than 1 percent. The perception went away," said Suminski.

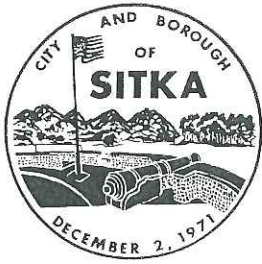
The season at Klag Bay has been closed early at times because of information collected at the weir indicating low returns.

"They understand that when the fish don't come back, you don't fish them. They're the ones gathering this information. They don't have to trust us. They know," he said.

For Dawn Jackson (Tlingit/Haida), the Assistant Executive Director and tribal planner with the Organized Village of Kake, the cooperative fisheries program is a food security tool. It allows the Tribe to keep tabs on how regulators manage and allocate a key food source for her community.

"When they start changing the amount of fish we can get on a permit, red flags go up. We want to be pro-active."

Anchorage writer Paula Dobbyn is a frequent contributor to First Alaskans Magazine.



City and Borough of Sitka

100 Lincoln Street Sitka, Alaska 99835

Coast Guard City, USA

June 6, 2013

Mr. Deven Mitchell
Alaska Municipal Bond Bank Authority
State of Alaska, Department of Revenue
P.O. Box 110405
Juneau, Alaska 99811-0405

Dear Mr. Mitchell:

Pursuant to our recent conversations, the City and Borough respectfully wishes to request that the process of issuance and sale of the remaining electric revenue bonds, approved previously by the Board of Directors of the Alaska Municipal Bond Bank Authority (AMBBA), be commenced.

The existing application submitted by the City and Borough of Sitka, which was approved by the AMBBA Board, authorized up to \$80,500,000 in bonds to be sold. In March of 2013, \$35,530,000 of this authorization was utilized with the issuance of AMBBA General Obligation Bonds, Series 1, leaving remaining authority of \$44,970,000.

In its application to the AMBBA, the City and Borough of Sitka indicated that the amount and utilization of the remaining authority would be predicated on additional financial assistance received by the City and Borough of Sitka in the spring of 2013. An additional \$4,000,000 was obtained from the Alaska Energy Authority but no other assistance was received.

Given these events, the City and Borough of Sitka would request a third and final issuance of electric revenue bonds in the amount of \$41,000,000, to occur in or around September, 2013.

The City and Borough of Sitka is grateful for all of the support and kind consideration the AMBBA, and its Board of Directors, has provided in support of the Blue Lake Dam Hydroelectric Project.

Sincerely,

John P. Sweeney III
Interim Municipal Administrator/Finance Director

Providing for today ... preparing for tomorrow