

PUBLIC WORKS ASSEMBLY UPDATE FOR WORK COMPLETED IN MARCH

Centennial Hall Renovation: Milestones This Period

- The 35% cost estimate has been reviewed by the Consultants and Tech Committee. The scope of the base project that is within the budget of the funding in hand has been identified. Additional Additive Alternates, which may require additional funding, have been identified. Areas where savings could be realized by a reduction in project scope have been identified.
- A meeting with the Building Design Committee (BDC) that is open to the public to discuss and approve these options is scheduled April 2, 2014 @ 5:30 pm in the Maksoutoff Room.
- A Public Meeting will follow April 21, 2014 @ 6:30 pm in the Maksoutoff Room to be followed by an Assembly Work Session April 22, 2014.
- Assembly Approval of the 35% design and funding package will be requested at the April 22, 2014 Assembly Meeting.

Future Milestones

- Design Development documents and 65% cost estimate due the end of June 2014. Focus group meeting will occur during the design development phase, which could push the schedule (this is the most important stage) prior to developing bid/construction documents.
- Construction Documents and 95% cost estimate due in fall 2014.
- Project bidding winter 2014.
- Award construction contract winter 2014/2015.
- Begin construction spring 2015.
- Complete construction summer/fall - before Alaska Day 2016.

Background

The current total estimated cost for this project is \$15.2 million including the new museum wing. Phase one estimated cost is \$11,421,000. Current grant funding allocated specifically to the project is \$8,230,000. A \$2,000,000 FY10 Legislative Grant designated for a lightering facility visitor's center (previously planned for under the O'Connell Bridge), is eligible to be used for this project since Centennial Hall serves as a visitor center for the Crescent Harbor Lightering Facility.

A FY14 Legislative Priority Request was submitted consisting of \$4,200,000 for the Centennial Hall building improvements and \$3,341,000 for combined Library/Centennial Hall heating system improvements; however it does not appear that either request will be funded at this time. The Renewable Energy Fund Round 7 has allocated \$232,620 for the heat pump system to the project. Additionally, approximately \$1,700,000 is available in the Marine Passenger Fee Fund that could be used for this project. If additional funds are not secured, the scope of the project will need to be scaled back or phased when additional funding is received.

Centennial Hall & Library Site Parking Lot Development:

Milestones This Period

- Issued Change Order 6 to S&S General Contractors to provide supplemental lighting at Centennial Hall parking lot, to provide dimming control for blue ribbon lights under the seating walls, and to extend the Contract Time to allow for the completion of these tasks and punch-list items. The value of Change Order is \$118,487.75, and it extended the contract to July 1, 2014.

Future Milestones

- Foundation and conduit are scheduled for completion prior to the first scheduled cruise ship landing: May 7, 2014. The poles, which are long-lead items will be installed on non-cruise ship days.

Background

The project includes the complete reconstruction of the Centennial Hall Parking Lot and Crescent Harbor Parking Lot. The improvements include storm drain, water, sewer, curb and gutter, paving, lighting, pedestrian plaza and landscaping. The project was accepted as substantially complete on September 30, 2013. S&S General Contractors was awarded the construction contract in the amount of \$2,613,651, which has been increased to \$3,033,600.87 via change orders. The total project budget is \$3,950,000. There is an unencumbered balance of approximately \$200,000.

Edgcumbe Drive Street Reconstruction:

Milestones This Period

- Hosted pre-proposal conference on March 5, 2014.
- Received three proposals on March 27, 2014 in response to the RFP for this project on February 20, 2014. The proposals were from Aggregate Construction, Inc., ASRC McGraw Construction and S&S General Contractors

Future Milestones

- Anticipate award of design/build contract after April 22, 2014 assembly meeting.
- Contractor will be responsible for design and will propose a schedule.
- Construction can begin before design is complete with CBS approval.
- Construction substantially complete by August 2015.

Background

The project includes drainage, sidewalk, curb and gutter, pavement and potentially traffic calming improvements on Edgcumbe Drive from Peterson Street to Cascade Creek Road. The total project budget is \$5.46 million. Public Works will award a design/build contract that will allow the contractor to fit a project into our budget that will best satisfy a priority list we will provide in the bid package.

Hollywood & New Archangel design:

Milestones This Period

- None

Future Milestones

- Discuss Hollywood Way road reconstruction options with Police and Fire Commission at April 9, 2014 meeting.
- 65% design drawings and cost estimate due May 2014.
- 95% design drawings and cost estimate due July 2014.
- Construction drawings and final cost estimate due August 2014.
- Bid the project during winter 2014-2015 for summer 2015 construction.

Background

The project includes design for water, sewer, storm drain and pavement improvements, and potentially curb, gutter, and sidewalk improvements on Hollywood Way and New Archangel Street from Halibut Point Road to Marine Street. Funding for design is available from ADEC Loans (Hollywood Water \$250,000, Hollywood & New Archangel Sewer \$500,000), General Fund budget for streets (\$5,000), and Enterprise Funds (Hollywood Water \$25,000, Hollywood Sewer \$25,000, New Archangel Sewer \$25,000). Project will require a minimum additional \$105,000 contribution from the general fund to address Hollywood Way road rebuilding and drainage.

Airport Baggage and TSA Area design:

Milestones This Period

- None

Future Milestones

- Incorporate Airport Users Group comments into final report in April 2014. Report will be presented to the Assembly on April 22, 2014.
- Upon Assembly approval of project scope, award design contract for airport improvements in May 2014.
- 65% design drawings and cost estimate due August 2014.
- 95% design drawings and cost estimate due September 2014.
- Construction drawings and final cost estimate due December 2014.

Background

The project includes design for expansion of the baggage makeup and TSA baggage screening areas. The project will also help establish a Passenger Facility Charges (PFC) program that will raise funds for the construction of the work. Funding collected from a previous PFC program amount to \$275,000 for the design project.

Blatchley Middle School:

Milestones This Period

- The door correction change order work is underway and should be complete by summer.

- Change order to revise ducting in mechanical rooms for \$24,760 has been approved to prevent potential freezing of fire sprinkler system was completed over Spring Break.
- The one-year warranty is in effect and the contractors are addressing issues as required.

Future Milestones

- Sitka School District is working on prioritizing the list of uncompleted major maintenance items that may be completed with the remaining project funding.

Background

The project's (combined Fund 704 now closed out, and Fund 706) funding including the Assembly approved accumulated interest of \$12,863,000 for major maintenance is nearly complete. There remain encumbered funds for the remodel project and remaining funds for additional major maintenance needed at the school.

Ultra Violet (UV) Disinfection Facility:

Milestones This Period

- The 95% design review was completed and review comments sent to CH2MHill.

Future Milestones

- The 100% design due April 2014.
- The project is planned to be bid for construction in May 2014.
- The project construction is planned to start June 2014.
- The project construction is planned to be complete November 2014.
- ADEC approval to operate is planned to be received December 2014.

Background

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.

The current project cost estimate is \$8,966,000. Funding for this project is provided by State of Alaska Department of Environmental Conservation (ADEC) loans and grants:

- \$4,000,000 FY 2011 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.

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

Library Development Design:

Milestones This Period

- The 65% design has been reviewed by City staff. The related cost estimate came in with an estimated total base bid matching that of the conceptual design estimate of \$4.26 million. Bid alternates have been refined and total an additional \$352,000 should additional funding become available or construction bids come in lower than the estimate. Contingency for construction remains intact.
- The City has submitted its application to the Rasmussen Foundation for this project. The amount of the grant request was \$353,668 and will primarily be used to offset the costs for equipment and furnishings. The approximate timeline for the award notification, if selected, is July 2014.
- The City has begun working with the State for the use of the Stratton Library as a temporary library facility during construction. This space provides an opportunity to continue many of the current library programs and services. The State is committed to supporting the Kettleton project by making this facility available for the costs of utilities and maintenance required during the temporary occupancy. We are in the final negotiation phase of the draft MOA with the State.

Future Milestones

- Design completion May/June 2014.
- Advertisement for bids July 2014.
- Construction begins August 2014.
- Construction Complete August 2015.

Background

The design phase is expected to take 12 months at a minimum with the earliest advertisement for construction planned for late summer/fall 2014. The project construction may be completed in 2015, depending on the phasing plan that is developed.

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 and \$350,000.00 of the budget was 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.

Storm Water Management Plan:

Milestones This Period

- Revised rainfall intensity curves have been developed based on additional CBS collection locations at Blue Lake water plant, Old Sitka Rocks Lift Station and the Magnetic Observatory.

Future Milestones

- Storm Water Ordinance is currently under development and is due at the end of April 2014.

- Work session with Planning Commission and local contractors planned for May 2014.
- Work session with Assembly Planned for June 2014.
- Approval of Storm Water Ordinance by Assembly Planned for July 2014.

Background

The first phase of the Storm Water Master Plan was completed in late 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. This phase included collecting more field data, preparing the Storm Water Management plan, Sitka specific rainfall intensities, recommended Best Management Practices, Capital Improvement Plan and an example Storm Water Ordinance.

Alternative Water Source Filtration (Blue Lake Project):

Milestones This Period

- CBS, CH2MHill and the State of Alaska Department of Conservation Drinking Water team are working closely together to obtain final approval to construct.
- CH2MHill had been reviewing and approving material and equipment submittals from Barnard Construction.
- Electrical Department has installed new transformer for the project.
- Long lead items are being ordered by Barnard Construction.

Future Milestones

- Barnard Construction will begin construction activities at the project site in April.
- Categorical exclusion report is being prepared to support the DEC Loan for the project.
- CBS personnel are scheduled to grade the existing pond, clean out the intake pipes and place the temporary diversion wall when required to bring the system online in July 2014.
- The system is planned to be operational in July 2014.

Background

The proposed schedule has the design completed in October 2013, Alaska Department of Environmental Conservation 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 cost estimate 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 to CH2MHILL, was approved by the Assembly on February 12, 2013.

A temporary filtration system has been designed to treat Indian River water to serve the public during the Blue Lake penstock outage in 2014. We continue working closely with

CH2MHill, the designer, reviewing details for the temporary filtration system and answering specific questions about the site and old facilities.

ANB Harbor Replacement (Project # 90674):

Milestones This Period

- Pile, float, electrical, water, and most uplands work were completed before March 15, 2014, in time for the 2014 Herring fishery as planned.

Future Milestones

- Complete the parking lot and Katlian Ave. paving when the paving subcontractor is operational this spring.

Background

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 \$4,300,000 for this project. On January 10, 2013, the Assembly awarded a Professional Services Contract to Moffatt & Nichol for the ANB Harbor Replacement Project. On June 25, 2013, the Assembly approved award of the Procurement Contract to Transpac Marinas, Inc. for \$2,698,870. On October 22, 2013, the Assembly approved award of the Installation Contract to Pacific Pile & Marine L.P. for \$3,639,319. The total project cost is currently estimated at \$7,630,000.

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

Milestones This Period

- None.

Future Milestones

- The Contractor is planning to complete all of the dredging in 2014.
- 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.

Background

The Assembly approved award of a construction contract to Island Enterprises, Inc. in the amount of \$399,806 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 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.

Baranof Warm Springs Dock Replacement (Project # 90741):

Milestones This Period

- Staff worked closely with the State of Alaska to help them develop a site plan depicting the planned improvements.
- The site plan, preliminary cost estimate, and schedule has been sent to users of the facility and local residents for feedback prior to developing a detailed design.

Future Milestones

- Obtain feedback from users to assist with design development.
- Provide timely review/comment for State of Alaska as needed to keep project moving forward.
- Design development during summer/fall 2014.
- Construction is anticipated in fall 2015.

Background

The City and Borough of Sitka (CBS) received a \$1,900,000 FY2013 Alaska Legislature Grant to reconstruct the Baranof Warm Springs Dock. The funding was provided with the understanding that CBS would assume ownership and maintenance responsibilities for the dock once it is reconstructed. The Assembly approved the Administrator to execute a Memorandum of Agreement with the Alaska Department of Transportation and Public Facilities (ADOT&PF) for completion of the Baranof Warm Springs Dock Reconstruction and Ownership Transfer. ADOT&PF will be reimbursed the cost of designing and constructing the improvements from the FY13 Legislative Grant.

Seaplane Base (Project # 80242):

Milestones This Period

- FAA recently informed Public Works (PW) that entitlements of \$450,000 are available for the project currently. There may also be a possibility of getting additional funds to complete design and environmental process - perhaps up to \$700,000. In order to secure any additional funds above our entitlements, PW would need to prepare a high level scope and schedule as well as provide confirmation that the site identified in the planning study has been selected as the site for development. It should be cautioned; however that FAA also stated that the entitlements of \$450,000 may not be protected should CBS choose not to move forward with the project this year.
- Researched property ownership and evaluated potential property acquisition for upland facilities.

Future Milestones

- Meetings with upland property owners to gauge potential for them to provide tidelands access for new Seaplane facility.

Background

In August 2002, the Sitka Seaplane Base Master Plan was completed to include a Condition & Needs Assessment and Master Plan Alternatives Report. The plan considered 12 alternative sites for a new seaplane base and concluded that the north end of Japonksi Island, between the Coast Guard Base and the cove behind the

SEARHC buildings along Seward Avenue was the preferred alternative. In February 2009, the CBS Assembly unanimously approved Resolution 2009-35 "Supporting the Development of the City and Borough of Sitka Seaplane Base." This resolution approved staff applying for and executing an Federal Aviation Administration Airport Improvement Program grant for up to \$500,000 to develop the siting plan, issues resolution, design, environmental, and permitting phases of the project. Utilizing proceeds from that grant, in June 2012, an updated Sitka Seaplane Base Siting Analysis was completed which considered another new site and redevelopment of the existing site in addition to the previously recommended Japonski site. The Japonski site was again selected as the preferred site. The findings of this study were presented to the Port and Harbors Commission on April 11, 2012 where they unanimously approved further study of the Japonski Island site. Due to a high workload within Public Works (PW) and limited staffing, the project has not been advanced since the completion of the Siting Analysis.

Federal Land Access Program (FLAP) Grant:
Milestones This Period

- National Environmental Protection Act (NEPA) process has been finalized.

Future Milestones

- Compensatory Mitigation negotiated with a restrictive covenant (conservation easement) on a tract of City land located near the cross trail project - April 1, 2014.
- Start construction of first section of Cross trail from Indian River to end of Yaw Drive May 1, 2014.
- The completion date is estimated around May 2015.

Background

The City and Borough of Sitka has been awarded a \$916,897 MAP-21 Federal Lands Access Program (FLAP) Grant for Phase 5 Cross Trail multimodal pathway (Cross TMP), Baranof Street and Yaw Drive connectors, by Western Federal Lands (WFL). The Assembly approved submission of the grant in Resolution 2013 - 03 in February 2013.

Phase 4 of the project, a \$926,000 STIP Grant for a multimodal pathway reconstruction and re-routing from Yaw Drive to the CBS property was funded by the Department of Transportation in the 2009 STIP. DOT planners, with the concurrence of Western Federal Lands (WFL) and CBS, initiated action to combine the two projects as a single \$1.8 M grant and have the project managed by Western Federal Lands for greater efficiency and cost savings.

Solid Waste Management Plan:
Milestones This Period

- A work session with the Assembly, Public works Staff, and the CB&I Consultant Team was completed just before the March 11, 2014 Assembly Meeting to talk about the Solid Waste Management Plan.

- March 10 thru March 14, 2014 was the kick-off week for the CB&I Consulting Team, this was developed for meetings with various entities for data collection and evaluation.

Future Milestones

- Updated Solid Waste Division under the public works section of the CBS website. This will include all of the current information from the SWAC Group meeting to include the minutes, presentation, and a copy of the scope of work.
- Proposed Project Schedule:
 - March – May; Existing conditions analysis
 - May; SWAC Meeting to present background and existing conditions information/ discuss alternatives to be evaluated.
 - June – July; Alternatives Evaluation.
 - July; SWAC Meeting to present Alternatives evaluation findings.
 - August – September; Plan drafting and presentation.
 - August; SWAC meeting to present plan.

Background

The City and Borough of Sitka (CBS) currently does not have a Solid Waste Management Plan to address the current or future needs of the Solid Waste Fund and general operations. As we approach the end of the current collection and off-island disposal contracts in 2015, we believe it is in the best interest of the CBS to be better prepared with a plan that details the goals and direction of our solid waste management backed with data and a financial plan.

At the June 6, 2013 Assembly Meeting, the Assembly approved advertising for a Request of Qualifications and select a consultant to assist Public Works in developing a Solid Waste Management Plan.

The funding for a Solid Waste Management Plan will come from the working capital of the Solid Waste Fund which is approximately \$1.3 M. The Solid Waste Management Plan is a time and materials, not to exceed \$250,000 contract. The total amount is dependent on the complexity of future goals and the amount of public process exploring options.

Sawmill Cove Industrial Park Dock (Project #90748):

Milestones this period

- The firm of Moffatt & Nichol (M&N) has been asked to prepare a detailed scope of work and a proposed schedule to provide the design for the SCIP Dock Project. M&N is currently working on those preparations. CBS staff has provided relevant documents from past projects in the SCIP to assist M&N with assembling a scope of work without redundancies.

Future Milestones

- The Public Works Engineering staff along with the SEDA / SCIP Executive Director will negotiate a time and materials contract with Moffatt & Nichol for services to include permitting and design for a multipurpose dock facility at SCIP. Our goal is

to have a cost proposal ready to present to the Assembly at their regular meeting on April 22, 2014.

Background

The project is funded by a Designated Legislative Grant, administered by the State of Alaska, Department of Commerce, Community & Economic Development, Division of Community & Regional Affairs. The total amount of the Grant is \$7.5 M. On the local level, the project is administered by Public Works and the Sawmill Cove Industrial Park Director (Mr. Garry White).

This Project was designated the “Highest Priority” in the FY2011 CBS Legislative Capital Project Request.

Water Service Calls; Leaks/Locates/Routine Repairs & Maintenance:

- The Water Division, operating with two of the three operators, was extremely busy during the last month; responding to 31 different callouts; six were determined to be leaks on the private side of the services, five requests for water shutoffs, five inspections of new connections, ten calls for locates (mostly for QAP on SMC Rd and Coastal Excavation on HPR, the DOT projects) and five customer calls – three for low pressure, one for dirty water and one for no water (Hillside subdivision).
- Water operators completed inspections on the new water system in ANB Harbor. Operators witnessed the flushing, pressure testing, disinfection and microbiological testing of the new lines in the harbor. It’s good to go.
- Operators monitored rapid changes in water demand during processing of herring, on average our water demand was up 600 gallons per minute during processing.
- Water operators have been working closely with Southeast Earthmovers (SEE), a subcontractor for the Blue Lake dam project, while SEE has been excavating and blasting near our drinking water transmission main and the Blue Lake Water Treatment Plant; making way for the new penstock to the new powerhouse. The new larger diameter penstock crosses over our transmission main near the front of the Blue Lake Water Treatment Plant. Operators shut the plant down for short periods three times in March and isolated that section of transmission main for each blast as a precaution. SEE has been very cautious working around our only water transmission main that brings water to town.
- The Water Division worked closely with DOT, DEC and the HPR project’s utility sub-contractor, Coastal Excavation, to come up with a re-route of the 12” water main on the out of town end of the bridge over No Name Creek, near the ferry terminal. The concrete bridge abutment will be in conflict with our water main. The solution was to install a new ~35 ft section of main that routes around the abutment with 45 degree bends. The entire new section of main has been constructed, pressure tested, disinfected and tested clean microbiologically in Coastal’s shop. The contractor plans to install it sometime in April. This will require the water to be turned completely off from the town side of the Sportsman’s Association RV Park to the end of our distribution system at Samson Tug and Barge.

- Water operators worked closely with Coastal Excavation on the installation of larger diameter services across HPR to serve larger lots such as trailer courts that are currently served by 1-2" lines. Installing these larger lines now will avoid tearing up HPR when future development occurs. When a future development requires the larger supply line (such as a subdivision with a fire hydrant), CBS will recoup the installation cost from the developer with connection fees, ultimately providing a significant savings to the developer as well as sparing the road.
- ADEC has changed Sitka's "Drinking Water Population". Unlike typical population numbers, the drinking water population includes transients like cruise ship passengers and summer workers. This results in our DW population being over 10,000 which is a significant step up in DW regulation requirements. We are currently working through all the ramifications of this change. Our sampling plan was modified to include new sampling locations and we know our sampling for blue lake raw water fecal coliform will slightly increase and that disinfection by-product monitoring will be quadrupled. These changes alone will result in a cost increase to our DW fund operational budget of \$6,000-10,000 annually.

Wastewater (WW) Operations:

- A new Apprentice W/WW Mechanic was selected. Chuck Armer started work on March 3, 2014 and hit the ground running when our channel grinder gear box failed. The channel grinder is a large heavy device at the head works of the WWTP, all the WW flows through it as it grinds organic materials up letting them pass on into the treatment system and separates and washes off the plastic type materials. The channel grinder has been removed, cleaned and dismantled. We are awaiting cost quotes for parts to rebuild so we can compare those costs with complete replacement to a new unit. This unit has been in continuous operation for 10 years.
- WW operators have been working closely with ASRC the DOT Halibut Point Road contractor while they work around the Granite Creek Lift Station (LS) and the force main. The contractor completed rerouting the LS power supply and phone alarm line from overhead to underground. Multiple locates have been performed. Operators made weekend checks on the LS while the alarm was out of service. WW operators also have been performing locates for and inspections of the work by ASRC's subcontractor, Coastal Excavation on the HPR project.
- WW operators located collection system mains along SMC Rd for DOT's contractor, QAP, in preparation for the installation of safety rails beside the bike path along Jamestown Bay.
- The experiment on the BIHA LS up Indian River road using "micro-bugs" continues. These are enzymes that reduce the accumulation of fats, oils and grease (FOG). FOG is a significant problem in this LS, causing level control issues and pumping problems. This trial is expected to last at least six months.
- In March we began testing all the backflow preventers in our lift station system. This is a time consuming task and it must be done by a person certified in back flow preventer testing which is not an easy certification to achieve. Water and WW Divisions try to keep at least two operators certified.

- During routine LS twice-weekly checks operators discovered a small leak in the landfill LS force main near the LS at the end of Tilson St. With the assistance of a PW operator, excavator, dump truck and crewman; WW operators replaced a five foot section of the ductile iron force main. This FM has leaked in the past; the Landfill LS is scheduled to be replaced in the next two years and the entire FM will be replaced at that time.
- Number 2 pump at Granite Creek LS was again found clogged with rags/wipes. The pump was pulled and the rag material removed from the impeller and check valve. Number 1 pump at this LS was replaced a couple years ago with a different style impeller and check valve; this has proven to pump and not be plugged by these nuisance rags. In this fiscal year we budgeted to replace number 2 with the same vortex style pump – but to our consternation that pump is no longer manufactured. Our Mechanic has been working with pump suppliers to find a suitable replacement that will not require major piping modifications inside the LS.
- WW operators collected the semi-annual samples required by the Sitka Landfill's ADEC permit and sent them to the contract lab for analysis. {WW operators perform monitoring at all our landfills}.

Sawmill Cove Industrial Site – Wastewater (WW) Update:

- The force main (FM) from the new SMCIP lift station (LS) to the municipal collection system at Whale Park was flushed w/ clean water and then taken out of service while DOT's contractor, QAP excavates around the FM for installation of another retaining wall. Last year QAP had to cut the FM out of the way for several of their excavations. They don't expect to have to cut the FM this year but we are prepared if that is needed. All the sanitary flows from the SMCIP site are now going to the on-site extended aeration secondary treatment plant. This configuration will continue until QAP has completed all excavation on the SMC Rd project. Before the FM is put back into service operators will again pressure test the FM to ensure it is not leaking.