

PUBLIC WORKS ASSEMBLY UPDATE FOR WORK COMPLETED IN JULY 2014

Building Department – Second Quarter 2014

- Construction activity has been steady in Sitka, although the second quarter construction value is lower than a year ago. More permits have been issued this year but fewer large projects are underway.
- 95 building permits were issued this quarter.
- The valuation of permitted construction this quarter is \$2,601,594.
- 6 new single family dwellings were permitted this quarter.
- 4 single family dwellings are under permit for demolition this quarter. We continue to see outdated housing stock replaced.
- 15 fire and life safety inspections were performed under the authority of Sitka's deferral from the state fire marshal.
- 249 building inspections were performed this quarter.
- A building code regulating construction of float homes has been completed and approved by the assembly.
- William Stortz attended the State Fire Marshal's meeting in Anchorage in April.
- Planning for the 2014 Builder's Forum to be held October 9 & 10, 2014 has been completed. Representatives from Georgia Pacific, Simpson Strong Tie, Malarkey Roofing Products, Hilti, and an expert on insulation and vapor control from Anchorage will present information to members of the building community. In addition, we will host a round table discussion with contractors with the goal of maintaining open lines of communication and creating a more efficient and responsive building department. The course agenda will be presented to the licensing division at the Alaska Department of Commerce and upon approval the Building Department will be authorized to issue continuing education credits to contractors who sign up for the forum.

Library Construction Phase:

Milestones This Period

- Two responsive bids were received and opened on July 24, 2014.
- The apparent low bidder was Dawson Construction; however both bids were above the engineer's estimate and exceeded the project budget.
- During a special meeting on July 31, 2014, the Assembly approved issuing a Notice of Intent to Award for the contract to Dawson Construction and authorized the Public Works Department to begin Value Engineering discussions with Dawson Construction to reduce the overall contract amount.
- A Notice of Intent to Award was issued to Dawson Construction on August 1, 2014.
- Value Engineering Negotiations began August 1, 2014.
- The City has begun moving into Stratton Library which will be used 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 Kettleson project by making this facility available for the costs of utilities and maintenance required during the temporary occupancy. An MOA was signed in April.

Future Milestones

- Stratton Library will open to the public by August 21, 2014.
- Approval to Award Contract with Value Engineering reductions.
- Construction is anticipated to begin September 2014 and be complete October 2015.

Background

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 the City has committed \$250,000 in CPET funding. The Friends of the Library have also raised almost \$90,000. \$350,000 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 approximately \$6.1 million for the expansion and renovation of the Library.

Ultra Violet (UV) Disinfection Facility:

Milestones This Period

- The bids were opened July 30, 2014. Dawson Construction Inc. provided the sole bid of \$5,496,207.00 which is within ~10% of the engineer's estimate of \$4,964,207.

Future Milestones

- Project construction is anticipated to begin in fall 2014 and be completed by fall 2015.

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 UV Disinfection Facility will provide the additional microbial and disinfection controls required under the ESWTRs. The current total 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
 - \$3,500,000 FY 2012 ADEC Grant (30% local match requirement).
 - \$2,061,000 FY 2013 ADEC Grant (30% local match requirement).
- \$12,111,000 Total Project Funding.

Centennial Hall Renovation:

Milestones This Period

- The project is in the Design Development (65%) phase.
- The second round of Design Development Public Meetings with the consultants took place July 21 & 22, 2014 with a public meeting the evening of July 21, 2014.

Future Milestones

- Design Development (65%) drawings and specifications are due August 19, 2014 to the cost estimator and for Owner review. Cost estimate will be available in September.
- Construction Documents and 95% cost estimate due in late fall 2014.
- Project bidding winter 2014.
- Award construction contract winter 2014.
- Begin construction spring 2015.
- Target construction completion is under review.

Background

The 35% design estimated cost for this project is \$16.6 million for the full scope of the remodel project. The current funding includes four State grants totaling \$11,500,000; a \$1,991,271 FY10 Legislative Grant designated for a lightering facility visitor's center (previously planned for under the O'Connell Bridge), \$1,175,000 FY 11 CPET Head Tax grant, \$1,400,000 Marine Passenger Funds, and a \$232,620 heat pump grant for a total of approximately \$16.3 million.

Jarvis Control and Crescent Harbor Shelter Re-roof:

Milestones This Period

- A condition and needs assessment has been completed for each building in coordination with Building Maintenance, Harbor Department and Electric Department.
- A Design-Build Request for Proposals (RFP) has been completed and reviewed within Public Works.

Future Milestones

- Issue an RFP (both projects jointly) for Professional Design-Build (D-B) Services in early August.
- Review proposals received and recommend award for the D-B contract September 2014.
- Award a contract for the work in September and begin design fall 2014.
- Complete construction summer/fall before June 2015.

Background

The Crescent Harbor Tourist Shelter has funding of \$95,000 in the 2015 Harbor Department budget. This old roof is the original from the 1985 construction of the shelter and is failing. It will be replaced with 50-year warranty shingles and will match the roofs planned for the Harrigan Centennial Hall and Kettleson Library facilities.

The Jarvis Substation Control Building Over-Roofing was budgeted through the Electric Department in 2013 and totals \$120,000. The original flat (low slope) roof is leaking, under-insulated, and expensive to maintain, thus a shingled gable roof and added insulation are in this design to reduce annual operating and replacement costs.

Lake Street / Monastery Street Lift Station Improvements:

Milestones This Period

- Received one response to Request for Proposals to execute design-build project. Recommendation to award contract is on the August 12 Assembly agenda.

Future Milestones

- Issue Notice to Proceed in August 2014.
- Substantial Completion by end of Calendar Year 2014.

Background

The Lake Street and Monastery Street lift stations require an inordinate amount of maintenance and repair by the Wastewater staff and are in need of immediate replacement or repair. Pumps are outdated and difficult to find replacement parts for, and access to the Lake Street lift station is dangerous due to the location of the ladder rungs. Current available funding is from the Wastewater Enterprise Fund (\$350,000 for Lake Street and \$420,000 for Monastery Street). ADEC has made a loan commitment for repair/replacement of Channel, Lake Street and Monastery Street lift stations for \$1,379,170.

Alternative Water Source Filtration (Blue Lake Project):

Milestones This Period

- Interim Approval to Operate received from DEC.
- Pall (filtration unit manufacturer) personnel have been on site to assist in filtration startup and training.
- CH2MHill personnel have been on site to assisted in startup and programming of the filtration equipment and connections to the overall water system computer system.
- Pump startup and commissioning completed.
- Barnard Construction's activities are ongoing.
- System is operational and ready to operate.
- Temporary operator has been trained for system and is ready to begin operations.

Future Milestones

- An additional raw water supply and system supply pump are to be installed for backup flow capacity.
- Final approval for water rights is forthcoming.
- CH2MHill personnel are planned to be on site for startup in August, 2014 as required.
- The system is planned to begin full operations August 12 & 13, 2014.

Background

Temporary surface water filtration will be required during the Blue Lake Project outage. Award of the design contract to CH2M HILL was approved by the Assembly on February 12, 2013. Construction has been completed by Barnard Construction under a change order for the Blue Lake Dam project managed by the Electric Department.

Swan Lake Restoration / Dredging Project:

Milestones This Period

- The contractor has nearly completed dredging the lake with the funds available.

Future Milestones

- Final site cleanup and reinstallation of floating dock.
- 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 ongoing 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:

Milestones This Period

- Alaska Department of Transportation is progressing with the design of the float system.

Future Milestones

- Provide 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.

Wastewater Treatment Plant (WWTP) Improvements:

Milestones This Period

- Received final report recommending replacement of HVAC system at WWTP with conceptual drawings cost estimate. Used report as basis for grant request to Alaska Department of Environmental Conservation.
- Issued Notice to Proceed on small contract to evaluate building envelope improvements: siding, insulation, exterior doors and windows and rot repair.

Future Milestones

- Apply for ADEC loans for WWTP improvements in February 2015.

Background

The WWTP is functioning properly but would benefit from efficiency improvements to the heating, ventilation and insulation systems. Specifically, staff is seeking to replace the oil-fired boilers with heat pumps that take advantage of the availability of warm, treated effluent from the plant and make concurrent improvements to the building envelope. There is no construction funding currently available. We will be seeking funding through the ADEC grant-and-loan process.

Federal Land Access Program (FLAP) Grant:

Milestones This Period

- Received approval from the Corps of Engineers on our nationwide permit for installing two culverts on the Cross trail in phases 4&5.
- Construction has begun on the section from the High School to the Gavan Trail Intersection. This portion of the trail has been completed.
- Materials have been received for the construction of two small bridges.

Future Milestones

- Compensatory Mitigation negotiated with a restrictive covenant (conservation easement) on a tract of City land located near the cross trail project – Received R&M Wetlands Study on July 31, 2014 so we will be reviewing this document.
- Construction on the section from Yaw Drive back towards Gavan trail intersection will be started in mid-August.
- Completing the first and second quarter reporting documents for the Western Federal Lands Access program. This is our first reporting cycle.
- 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 million grant and have the project managed by Western Federal Lands for greater efficiency and cost savings.

Solid Waste Management Plan:

Milestones This Period

- Updated Solid Waste Division under the public works section of the CBS website, including SWAC Group meeting minutes, presentation, and a copy of the scope of work.
- CBS is taking a different look at the scope of this project and the consultants have been put on hold. CBS has asked that CB&I submit all of the data collected into a document to lead the SWAC group forward with the project.

Future Milestones

- Proposed Project Schedule: SWAC meeting August 28th to discuss rates and planning.

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 million. 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.

Gary Paxton Industrial Park Dock (GPIP):

Milestones this Period

- The firm of Moffatt & Nichol (M&N) has been awarded a contract to provide the design for the GPIP Dock Project. By the end of June, M&N had prepared a Draft Alternatives Analysis Report (AA), utilizing recently collected data, the Basis of Design document prepared in May, and site data from past projects. This report presents three possible ways to build a dock structure at the Sawmill Cove location, and provides an Opinion of Probable Construction Costs (OPCC) for each alternative. This analysis will help the CBS to see which construction method gives the most facility for the limited funds available. The Draft AA Report is now in the hands of the CBS project staff for review and comment.
- The GPIP Board of Directors received two major proposals from private enterprise entities, each of which proposes to utilize large portions of the GPIP via either long-term lease or land purchase. The acceptance of either or both of these proposals could have large effect on the general configuration and utilization of the multi-purpose dock. Early in the month of July, in the interest of gathering all the new proposal information that might affect the dock project, the Consultant has been put on hold for the time being until the proper course of action is decided upon regarding the two business proposals.

Future Milestones

- The business proposals must be reviewed, analyzed and discussed, and acted upon by the GPIP Board of Directors and the Municipal Assembly before work resumes on the design of the multi-purpose Dock. When that work does resume, it will start with the CBS / GPIP Board of Directors reviewing and commenting on the Draft Alternatives Analysis Report that has been submitted by M&N.
- When CBS has reviewed the Draft Alternatives Analysis Report, and discussed with the Consultant the findings presented there, a Final AA Report will be prepared and submitted. At that point the CBS will decide on the specific type of structure that is preferred, and the Engineering Consultant will progress into starting the Design Phase of the Project.

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 million. On the local level, the project is administered by Public Works and the Gary Paxton Industrial Park Director, Garry White.

Centennial Hall & Crescent Harbor Parking Lot Development:

Milestones This Period

- Electrical subcontractor installed last of supplemental lights in the parking lot.

Future Milestones

- Remaining work includes the following: pavement “birdbath” repair, installing a guard rail near the lightering dock, and sealing the decorative pavers.
- Final contract completion date was extended to July 1, 2014, by Change Order 6. A change order will be needed to further extend the completion date to allow for the installation of the guardrail and the sealing of the pavers.

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. The total project budget is \$3,950,000. There is an unencumbered balance of approximately \$200,000.

Edgumbe Drive Street Reconstruction:

Milestones This Period

- Awarded contract to S&S and issued Notice to Proceed on design-build contract.
- Hosted project kickoff meeting.

Future Milestones

- Public meeting to discuss progress of the design slated for late October 2014.
- DOWL HKM, S&S's design consultant, is expected to complete geotechnical work and final design by February 2015.
- Construction to begin in April 2015. Substantial completion date is August 21, 2015. Final completion date is October 30, 2015.

Background

The project includes drainage, sidewalk, curb and gutter, road subgrade and pavement improvements on Edgumbe Drive from Peterson Street to Cascade Creek Road. The total project budget is \$5.46 million.

Seaplane Base:

Milestones This Period

- Staff met with the US Coast Guard to discuss possible access to the tidelands for a new seaplane base through US Coast Guard property.

Future Milestones

- Continue face to face meetings with upland property owners to discuss potential for them to provide tidelands access for new seaplane facility.

Background

In August 2002, the Sitka Seaplane Base Master Plan was completed and includes 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 a 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.

Preliminary discussions with the US Coast Guard (USCG) regarding potential Seaplane Base access from USCG property were encouraging.

Airport Water Main Repairs – US Coast Guard Housing Project:

Milestones This Period

- The pipe has been installed and pressure testing and chlorination testing are in progress.

Future Milestones

- Upon successful test results, the site will be cleaned up and re-paved in August 2014.

Background

The existing 8-inch cast iron (CI) water main which serviced the Sitka Rocky Gutierrez Airport and associated outbuildings experienced a break in 2012. As part of the repair effort, a section of the pipe was removed and an old valve was opened to provide water to the airport from an old 10-inch asbestos cement (AC) water main which also services the US Coast Guard housing on Lifesaver Drive. The 10-inch AC pipe is fed from a 16” ductile iron (DI) water main in Airport Road. The US Coast Guard contracted with ANC Research & Development, LLC to upgrade the water system within Lifesaver Drive. As part of this work, they will be replacing the 10-inch AC water main with High Density Polyethylene (HDPE) pipe within Lifesaver Drive from the 16” DI water main in Airport Road. With a Contractor already contracted to complete work for the US Coast Guard in the immediate vicinity, it was advantageous to contract with them to complete repairs for the City and Borough as well to avoid additional mobilization fees. On August 13, 2013, the Assembly approved award of a Construction Contract to ANC Research & Development, LLC in the amount of \$56,425 to install a new section of 8-inch water main to service the airport and remove the vintage 10-inch AC pipe from service. Funding for this project is provided from a FY 2013 Water Fund Capital Budget Item: Repair, Airport Water Main near USCG Housing for \$75,000.

Monastery and Baranof Water and Sewer Project:

Milestones This Period

- Public Works is currently advertising a Request for Proposals, due August 12, 2014, to complete the design work.

Future Milestones

- After review of the design proposals are completed the selected consultant will prepare a project scope with designs costs for review and approval.
- The proposal and contract for design will be presented to the Assembly for approval in September 2014.
- Construction is anticipated as early as summer 2015.

Background

The project includes replacement of the water and wastewater pipes, new pavement with curb and gutter, storm drain improvements and sidewalk on one side on Baranof Street.

Funding for the project is provided by the following sources;

- ADEC Sewer Loan FY14 \$533,000.00
- ADEC Water Loan FY14 \$497,000.00
- ADEC Grant FY15 \$763,000.00
- CBS Capital Improvement Monastery Street FY15 \$102,000.00
- CBS Capital Improvement Baranof Street FY15 \$81,000.00

Airport Baggage and TSA Area design:

Milestones This Period

- CBS participated in teleconference with the Transportation Security Administration and project architect McCool Carlson Green. TSA indicated that CBS may be eligible for grant funding for design (100 percent funded) and construction (95 percent funded) costs to upgrade conveyor belts in TSA baggage screening room.

Future Milestones

- Apply for design funding in August 2014.

Background

The project includes design for expansion of the baggage makeup and TSA baggage screening areas. Conceptual drawings were developed, but design development stalled due to lack of support from Alaska Airlines. Approximately \$175,000 of remaining Passenger Facility Charge (PFC) funding remains to complete non-TSA-funded portions of the project.

Hollywood & New Archangel Water, Sewer and Road Upgrades:

Milestones This Period

- None.

Future Milestones

- Construction drawings and final cost estimate expected August 8, 2014.
- Construction is anticipated in 2015.

Background

The project includes water, sewer, storm drain, pavement, curb and gutter and sidewalk improvements on Hollywood Way and New Archangel Street from Halibut Point Road to Marine Street. Funding is available from ADEC Loans (\$750,000), an ADEC Grant (\$552,300) and from the General Fund (\$232,000) for ADEC-ineligible expenses.

O’Cain Avenue Water Main Replacement:

Milestones This Period

- None.

Future Milestones

- Complete design for replacement of water main and services on this stretch of O’Cain Avenue in fall 2014.
- Construction could occur as early as fall 2014, but more likely in 2015.

Background

The water main was installed in 1968 and is in need of replacement. Some water services provide service to multiple residences; this project will provide a dedicated service to each residence. The \$100,000 project will be funded from the Water Enterprise Fund.

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

- The Water Division responded to 12 different calls for assistance: six calls for locates, three for low pressure and three for water shut off requests.
- Water operators removed an old hydrant that was located on private property along Cascade Creek Road. The Water Division and the Fire Department deemed this hydrant as unnecessary and not of need of replacement since there are other hydrants nearby.

- Water operators worked with DOT and their utility contractor, Coastal Excavation, on the HPR job assisting with locates of water services and potential concrete patches under the asphalt.
- Water operators coordinated with ACI, the pavers for Harbor Drive project to replace the service valve for the centennial building. The old valve was found to leak at the valve stem during previous work and has been slated for replacement in conjunction with the DOT paving project. Coordinating with the paving project saves CBS \$10,000 - 20,000 in asphalt patching costs.
- During the first part of July our chlorine injection and control system at Blue Lake Water Plant was serviced by a tech from the manufacturer.
- Results were received from the semi-annual lead and copper sampling that was conducted in June. This is the only water quality sampling that actually takes place in the consumer's home at their tap. Our results were good, under that 90th percentile action levels so we expect to receive reduced sampling requirements from ADEC for the next few years. We began adding a soda ash solution to our water in 2000 to reduce the corrosiveness of our very soft water to stay in compliance with this federal rule. Thank you letters with results were sent to all residents who assisted with the sampling in their homes.
- Water operators have worked on several construction projects in July; expansion projects at Silver Bay Seafoods, new water line installation at USCG Housing, a new CBS line connecting the 16" main to the old state owned 8" cast iron line near the FAA building and hangers at the airport. This new line, a city capital project, will improve supply past the terminal building and allow the USCG housing supply line to abandon a short section of old asbestos cement main that supplied water to their new mains in housing, various locates for Chatham Electric who were installing new power poles.
- Water and several WW operators continue working on a daily basis with the Barnard Construction group and our CH2MHill Engineers testing the temporary water treatment system at the old Indian River Water Plant site. The system has been test ran most weekdays during the last two weeks of July with Indian River water supplying a portion of the flow to the community during ~8:30-4:00 time frame. Flow controls have been adjusted and tested and on Friday August 1st the system ran on tank level control from our 1.2 MG tank in Gavin subdivision. The operators received a four-hour classroom training and days of hands-on operational training from the Pall membrane technology representative. More in-depth testing and training will continue. Early in August we will switch to supplying all the water from Indian River, 24 hours per day to allow us several consecutive days of operation with Blue Lake as a fall back. Once the Electric Department and Barnard isolate the penstock there will be no going back to Blue Lake so we are testing Indian River as much as possible.

Wastewater (WW) Operations:

- CCTV investigations/inspections of sewer mains and services were performed on: Life Saver Drive phase II, lower Lance Drive (associated with old explosives discovery), and Finn Alley private sewers.
- WW operators also inspected the new sewer mains installed at Kramer Ave. Inspections include; pressure testing new lines, vacuum testing new manholes and CCTV inspection of each entire new main.

- WW operators continued performing locates for and inspections of the work by ASRC's subcontractor, Coastal Excavation on the DOT HPR project as well as at the High School project for CBC Construction, Inc.
- Our Chief WW Operator inspected the replacement of the service line from the library over a weekend in early July. This was to provide a new service for the library before Harbor Drive is repaved.
- Lift station pumps at Wachusetts, #5 and #7 lift stations (LS) were pulled and cleaned of foreign material. The smaller LS pump has a difficult time handling the cleaning wipes that are popular. Many of these are advertised as flushable. Flushable does not necessarily mean pumpable!
- WW operators pressure-washed all the lift station electrical control huts on the Japonski Island lift stations.

Gary Paxton(Sawmill Cove) Industrial Park – Wastewater (WW) Update:

- The extended aeration biological WWTP for the industrial park was shut-down in June. All flows from the park are now being pumped to the municipal system. June will be the last month of operation for that WWTP and related reporting to ADEC. Operators are monitoring the LS operation on SCADA as part of our overall municipal collection system.