City and Borough of Sitka

100 Lincoln Street Sitka, Alaska 99835

Coast Guard City, USA

July 8, 2013

The Honorable Lisa Murkowski
United States Senate
By e-mail

Dear Senator Murkowski:

City and Borough of Sitka has just become aware of a potentially urgent issue that could harm municipalities throughout the United States. We understand that all aspects of the current U.S. Tax Code are "on the table" to be considered for comprehensive tax reform, including the federal tax-exemption of municipal bond interest.

As you know, the most commonly used method of financing municipal infrastructure in the United States is with the sale of municipal bonds. Over 70 percent of water and wastewater utilities have used municipal bonds to finance water projects necessary to ensure public health, protect the environment, provide fire protection, and support the economy. The City and Borough of Sitka has relied on municipal bonds to help fund large municipal improvements (facilities, utilities and roads) since its inception.

The sale of municipal bonds is essential to fund costly infrastructure projects that would be almost impossible to finance without the issuance of municipal bonds, which would be far more costly if they were not tax exempt. According to National League of Cities and National Association of Counties, if the exclusion of interest on municipal bonds had been repealed over the last ten years, infrastructure costs to local governments would have gone up by $173 billion in that period due to higher interest rates.

It is absolutely critical that exclusion of municipal bond interest from federal income taxes be maintained in whatever tax reform is enacted. Please advise Senators Baucus and Hatch of Senate Finance Committee prior to the July 26 deadline to continue to exclude interest on municipal bonds from federal income taxes and urge them to preserve tax-exempt municipal bonds as a critically important means for municipalities to take care of the nation's infrastructure. Please contact us if there is any further way CBS can assist in this effort. Thank you for your great service to Alaska.

Sincerely,

John P. Sweeney III
Interim Administrator

City and Borough of Sitka

100 Lincoln Street Sitka, Alaska 99835

Coast Guard City, USA

July 8, 2013

The Honorable Senator Mark Begich
United States Senate
By e-mail

Dear Senator Begich:

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Sincerely,

John P. Sweeney III
Interim Administrator

City and Borough of Sitka

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Coast Guard City, USA

July 8, 2013

The Honorable Don Young
United States House of Representatives
By e-mail

Dear Congressman Young:

City and Borough of Sitka has just become aware of a potentially urgent issue that could harm municipalities throughout the United States. We understand that all aspects of the current U.S. Tax Code are "on the table" to be considered for comprehensive tax reform, including the federal tax-exemption of municipal bond interest.

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It is absolutely critical that exclusion of municipal bond interest from federal income taxes be maintained in whatever tax reform is enacted. Please advise the leadership of the House of Representatives to continue to exclude interest on municipal bonds from federal income taxes and urge them to preserve tax-exempt municipal bonds as a critically important means for municipalities to take care of the nation's infrastructure. Please contact us if there is any further way CBS can assist in this effort. Thank you for your great service to Alaska.

Sincerely,

John P. Sweeney III
Interim Administrator

Assembly Update
7-17-13

*Blatchley Middle School:

The current status of the project includes the following items:

- Substantial completion and commissioning of the building mechanical systems is set for the week of July 14-17, 2013.
- Substantial completion inspection of building and electrical systems is planned for August 1, 2013.
- The Electrical Engineer and Light Control Manufactures Representative will be onsite to reprogram and or determine the problem with the lighting controls (programming vs. faulty materials or installations) the last week of July.
- Painters have completed painting the MPR, both Gym Locker Rooms, misc. Office, Janitor, and Mechanical Rooms. They are working on completion of remaining misc. rooms, Pool Locker Rooms, & touch up throughout the school building.
- Carpenters are finishing the chair rail, wainscot, and trim details- a lot of miscellaneous items throughout the school, including cleaning and demobilization.
- Completion of misc. flooring installation is scheduled for the last two weeks of July.
- The Desert Aire (pool heat pump) Manufacturer's Representative will be on site the last week of July to perform repairs, new programming and start up/commissioning of the unit.

The project budget is $12.475 million. The contract required substantial completion date is August 1, 2013, which we expect to make with the exception of the door correction (installation), which will have its own completion date. The project is approximately 98% complete.

*Pacific High School:

The current status of the project includes the following items:

- The roof was inspected by the Malarky Roofing Representative and a few minor corrections were made (warranty requirement).
- The new electric service has been installed and the building lights electrified.
- Installation of new network is complete and tested (is in progress, but will be complete before this update goes out).
- Tile (wall) installation is underway, to be closely followed by the rubber flooring/carpet installation.
- Mechanical and electrical systems are roughed in and trim & fixture installation is in progress.
- Building utilities are being tied in with the Baranof Street Project.

- Outdoor concrete preparation and landscaping schedule has pushed back, but should begin at the end of July or early August.
- Start up of the Mitsubishi Heat Pump Units is planned the first week of August.
- Students will begin the school year at the Voc Center, allowing for the completion of the building, its furnishing and the grounds and landscaping prior to the school being occupied by the students.

The project budget is $2.671 million and the project is within its budget. The contract required substantial completion date is December 1, 2013. The project is approximately 80% complete.

***ANB Harbor Replacement:**

The current status of the project includes the following items:

- On June 25, 2013, the Assembly approved award of the Procurement Contract to Transpac Marinas, Inc. for $2,698,870.00 which is ~$230,000 lower than the Engineer's Estimate.
- Public Works is currently reviewing the Alaska Department of Environmental Conservation (ADEC) permit application package for ANB Harbor water systems.
- Public Works anticipates receipt of the 95% submittal for the Installation Contract on July 19, 2013.
- The anticipated bid opening date for the Installation Contract is October 4, 2013.
- Public Works is working with the State of Alaska to finalize the grant agreement and begin receiving grant proceeds to cover 50% of the Procurement Contract. The agreement will be amended to increase the grant amount upon award of the Installation Contract.

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. 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.

Water operators continue working w/ Engineering and the design consultant for a new water service to and potable/fire system for ANB Harbor. We are currently reviewing the consultant's package that will go to DEC Drinking Water for approval to construct. The Water Division also assisted Engineering and the Harbor Dept. in selection of materials for replacing the short water service line from Lincoln St. to Crescent Harbor. Materials have been ordered and are expected in the next few weeks. W/ WW Operators will likely install the new line next month before the Sea Walk project installs a new sidewalk past the area of the water service crossing.

***Sitka Community Hospital Roof Replacement:**

The current status of the project includes the following items:

- Demolition on the roof began July 11, 2013.
- Abatement of regulated materials is planned for week of July 15.
- Work will likely continue seven days per week through July and August.

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 upgrade the insulation to a better product (polyiso instead of EPS). The project is funded through a $1,200,000 FY2013 State Legislative Grant. Substantial Completion is required by August 31, 2013.

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

The current status of the project includes the following items:

- Public Works has reviewed the Contractor's revised work plan and anticipates change ordering the contract to accommodate more dredging to fully utilize the grant funds.
- Public Works and the Contractor are working on different scenarios to increase productivity to allow most, if not all of the dredging to be completed by late 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.

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 City and Borough of Sitka received $771,236.00 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.

***Edgecumbe Drive Street Reconstruction:**

The current status of the project includes the following items:

- Public Works has obtained fees to survey Edgecumbe Drive to assist in the design of the improvements. Per discussions with the surveyor, the asbuilt/topographic survey could likely be completed in early October 2013.
- Public Works anticipates advertising a Request for Qualifications for professional engineering services late summer/early fall 2013.

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. Public Works anticipates construction during the summer of 2014.

***Sea Walk – Crescent Harbor Park to National Historic Park:**

The current status of the project includes the following items:

- Work is progressing through the Conservation Easement. Shotrock has been placed for boardwalks and bridge abutments have been excavated and are ready for concrete formwork. The Southeast Alaska Land Trust visited Sitka to review the progress and was very complimentary and enthusiastic about the work.
- The Contractor intends to continue working on the Totem Park end of the project before moving toward Centennial Hall so as to avoid having the entirety of Crescent Park under construction at one time.
- Work will pick up on the breakwater spur trail during the week of July 15, 2013 when rebar arrives in town. The shipment was erroneously sent to Anchorage which delayed this component of the work.
- Construction is anticipated to continue through the summer 2013 with substantial completion September 30, 2013.

On March 12, 2013 the Assembly approved award of a contract to CBC Construction for the Sea Walk – Crescent Harbor Park to National Historic Park project in the amount of $1,222,662.14 for the base bid and all five additive alternates. The current phase of the Sea Walk extends from the Centennial Hall Parking Lot to the Sitka National Historic Park boundary near Kelly Street. The Sea Walk is funded by way of the following: $1,000,000 FY 2011 State of Alaska Grant (Sea Walk Extension Part C), $700,000 FY 2011 State of Alaska Grant (Crescent Park Sidewalk Widening), $80,000 Paul Sarbanes Transit in the Parks Programs (TRIP) Grant (applied for and administered by National Park Service), and $175,000 CPET funds (Sea Walk – Centennial Building to Tennis Courts).

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

The current status of the project includes the following items:

- Baranof Street, storm, water, utility conduit, and sewer complete from Lincoln Street to Oja Way.

- Storm line tie in to harbor storm interceptor complete.
- Reach 2 (Oja to Sawmill Creek Road) will start July 15, 2013 with road closures.
- Pacific High School utility connections have been completed (water, sewer and electrical).
- S&S has advertised the Baranof Street closure between Oja and Sawmill Creek Road in the newspaper and has contacted effected businesses of the closure. Appropriate signage has been installed showing both pedestrian and vehicle access to Market Center.

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. Bids were opened for this project on April 11, 2013. The contract to construct was awarded to S&S General Contractors on the April 23, 2013 Assembly meeting, for ($1,712,916.00). The total estimated cost of the project is $2,232,000.00. Construction started on May 30, 2013 with layout and traffic plans in place. Scheduled Completion Date is August 28, 2013.

Note: Some unacceptable (organic) fill was found on Oja Street and was removed. This section of road will be backfilled with acceptable material before the road is paved.

***Centennial Hall & Library Site and Parking Lot Development:**
The current status of the project includes the following items:

- The majority of the landscape planting of Phase I and II is complete except for the planting along Harbor Drive.
- Work on Phase III parking lot began on June 21 and will be completed in sub phases to accommodate business parking as much as possible
- Power Outage for Net Shed electrical revisions will be completed by July 26

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.

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.

Centennial Hall Renovation:
The current status of the project includes the following items:

- The design consultant, McCool Carlson Green, is incorporating the comments from the public meeting into the exterior building design concepts.

- The next step is to finalize the building exterior architecture. When this is completed we will move to 35% design to obtain a professional cost estimate which will be used to evaluate the current budget.
- The project was last submitted to the Assembly and the Public on June 3 and 4 2013
- There have been 8 Building Design Committee meetings

The current total estimated cost for this project is $15.2 million including the new museum wing. Current grant funding allocated specifically to the project is only $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.

Ultra Violet (UV) Disinfection Facility:
The current status of the project includes the following items:

- The final design contract with CH2MHill was approved by the Assembly on June 11, 2013 for $999,000. The contract has been signed by the consultant and the kick off meeting to complete the project design will be held in August.
- The UV reactors are being manufactured by Trojan Technologies. These components will be installed in the new UV disinfection building.

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 Planning:
The current status of the project includes the following items:

- The design team was on site June 18 and 19, 2013, to begin the Facility Needs Assessment and asbuilts. The Facility Needs Assessment will be completed while the FEMA information is finalized.

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. $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 Master Plan Phase II:
The current status of the project includes the following items:

- The final report was received June 26, 2013.
- The GIS data set was received the first week in June, 2013.

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.

***Alternative Water Source Investigation Filtration (Blue Lake Project):**
The current status of the project includes the following items:

- The consultant has prepared the draft RFP for the leasing of the water filter units. The guarantee that the units will be available for installation when needed is under evaluation. Additional consultation with the Electrical Department and other groups is underway to determine the proper risk determination.

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 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.

Summer Water Quality Monitoring of Indian River:
July 1, 2013, started this summer's special monitoring of Indian River water. This is needed to prepare for the temporary filtration system which will serve the public during the Blue Lake penstock outage in 2014. Later this summer, the water division will be conducting a taste and odor panel which will help determine if additional treatment steps should be included in the treatment train when the salmon are in the river – we will be looking for Assembly volunteers to assist.

***Water Service Calls; Leaks/Locates/Routine Repairs & Maintenance:**
During the last two weeks, the Water Division responded to 9 customer/contractor call-outs: four for locates – private and contractors, four for service leaks – all leaks were on the customer side of the service lines, and one water coming from the ground investigation. Water operators continue working with DOT's HPR sub-contractor performing locates near their storm drain crossing locations as the contractor makes their way towards town. Water operators continue the annual fire hydrant 'weed whacking' and painting program as time allows. With about 400 hydrants to maintain it is our goal to get around 75 repainted each year – a five year cycle. Operators have been making a minimum of daily inspection visits to the Baranof construction site.

Water Division and Electric Department Working Together on Blue Lake Water Quality:
The Water Division is working with the Electric Department to gather background water quality data out in the lake and around the construction activity as required during the project. This background data from out in the lake and at different depths will help us understand water quality changes in the future as the lake fills to new greater depths and as the water moves through the lake towards the intake.

Repainting the Roof of the Harbor Mountain Water Storage Tank:
Some of the paint on the roof of the Harbor Mt. Water tank has failed. After six months of requests, answering questions and waiting, DEC and EPA allowed us to shift ~$6500 that was remaining in the Gavan Water Tank coating, ARRA project, to be used on this tank, a similar project; $6500 is over half the anticipated total cost of the repair. Being an ARRA project; we pay 10% of the $6500 with the remainder coming from the federal government. In short, we will get a $10,000 paint job for $4,400. The roof has been prepped and primed; now we just need a couple more dry days to complete the coating repair.

Annual Lead and Copper Sampling:
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 2013. These are the only compliance water samples that are collected inside homes, as required by DEC/EPA. Letters will be sent July 8, 2013, 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. Sampling is scheduled for July 23, 2013. 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. Addition of soda ash solution to our water increases the alkalinity and pH, reducing the amount of corrosion to household plumbing, resulting in lower levels of copper and lead which come from the household piping and faucets.

WW Division Routine Maintenance:

Wastewater operators continue working with DOT's HPR sub-contractor performing locates near their storm drain crossing locations as they make their way towards town. The morning of July 8, 2013, the contractor dug up and broke the underground power line between the Granite Creek Lift Station (LS) and the Cove LS and the AML barge landing. The Electric Department linemen had the cables repaired that morning. Waste water operators have re-painted and re-staked the location of this critical power line. They have also continued to keep up with the scheduled preventative maintenance tasks such as changing equipment oil. A communication problem with the remote monitoring system for Halibut Pt. LS was corrected during the last two weeks.

DEC Grants and Loans Engineers Visit:

Wednesday, July 10, 2013, two engineers from the DEC grants and loans program spent the day with the Environmental Superintendent, Engineering, PW and Finance staff discussing our current and future projects. This was very worthwhile, as the next round of municipal matching grant questionnaires are due in early August. Last year two of our projects appeared to be funded by this 70/30 grant/match program in the governor's draft budget but the program allotment was reduced by the legislature and our projects were dropped off the funding list. We plan to 'reapply' for the same projects during this year's cycle and to add a project to replace four old problematic lift stations. It often takes a refinement of these requests through a few annual grant cycles to have them score high enough to be funded.

***Federal Land Access Program (FLAP) Grant:**

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.

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

CBS has begun working with property owners to secure construction licenses and easements of the properties that will be affected during and after the trail is constructed.

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.

***Drop off Recycle Center:**

July 1, 2013, CBS Public Works Department took over the operation of the recycle center. Since then, major changes have been made at the center to help with the transition. Roll off containers have been set in place of the handling system that was designed for plastics in the past. This will allow for a more efficient way of handling the plastics and for a cleaner recycle center. The containers have been moved and cleaned under. The barracuda's building has been moved back beside the collection area for aluminum cans for accessibility. The aluminum can roll off container has been moved back beside the barracuda's area for cleaning the cans for ease of accessing the container.

***Erler Street Mill and Overlay:**

This project consists of milling and overlaying Erler and Spruce Streets. Aggregate Construction Inc. was awarded the contract in the amount of $148,152.00. Substantial completion is scheduled for August 31, 2013.

***AT&T Cell on Wheels:**

AT&T requested that the City and Borough of Sitka consider a proposal for AT&T to locate a Cell on Wheels (COW) at Kimsham due to the service issues that they are experiencing. The AT&T Cell on Wheels arrived at Kimsham, Friday, July 12, 2013. As soon as AT&T installs electric on the COW, the installation can be scheduled. This would be a temporary site initially while they negotiated with Department of Education (near Mount Edgecumbe School) on a permanent site placing a cell tower in place of the water tower that exists now.

June 2013

The Barnard Monthly

Newsletter for the Employees and Friends of the Barnard Companies

Gilboa Dam Crews Schedule Work Around Heightened Early Summer Flows

Spillway flows nearly exceeded the crest notch capacity of 8,000 cubic feet per second at Gilboa Dam in mid-June.

(Gilboa, New York) Nowhere is the weather watched more closely than at the **Gilboa Dam Reconstruction Project** in central New York, where a single rain event can have widespread ramifications for the project. The Schoharie Reservoir, which is impounded by the dam, is relatively small compared to its 314-square-mile watershed and, therefore, subject to extreme elevation fluctuations depending on the quantity and intensity of rain events. The reservoir has been known to rise by more than 30 feet in a single day. Spring is the time of year when the probability of spillway flows is highest, and this year is no exception. Frequent thunderstorms have resulted in a wetter than normal May and June and have kept the reservoir at full pool heading into summer.

The 380-foot-long crest notch demolished last year in the center of the spillway can handle typical spillway flows of up to 8,000 cubic feet per second, but if this diversion capacity is expected to be exceeded based on the weather forecast and reservoir elevation predictions, the *New York City Department of Environmental Protection* (project owner) will order a mandatory evacuation of all work areas downstream of the spillway, including the spillway channel and plunge pool. We have had two such demobilizations in June and seven in all since starting the project in 2011.

Despite the work interruptions and uncertainties of working within an active spillway, our crews have made great progress over the first several months of this construction season. Mass concrete placement on the spillway face is progressing at a steady clip on either side of the spillway notch as are the channel and plunge pool slab reconstruction efforts. We have now placed about 50 percent of the concrete on the project since starting concrete production in May 2012.

Continued flows through the crest notch are prohibiting work on approximately one-third of the project. July, however, tends to be drier and the month in which the NYC DEP begins drawing water for use in New York City. We're hopeful that soon the notch will stop spilling and the entirety of the spillway face, spillway channel, and plunge pool will be in play for reconstruction work. Once the notch stops spilling, we plan to move rapidly to construct the bottom two steps in Monoliths 10 – 14, which will enclose the remainder of the spillway's new gallery. This will allow electrical subcontractor *Clifford R. Gray, Inc.* to complete the dam's fiber optic and electrical conduit runs.

(continued on page 2)

Inside this issue:

Update from Gilboa Dam *(continued from page 1)*

Work on the east abutment is moving right along. All duct banks and manholes are complete and backfilled as is the eastern half of the north training wall excavation and backfill. The majority of the concrete work for the east gallery access shaft and electrical room is complete; several pours remain.

Over on the west training wall where we are rebuilding the top 10 to 25 feet, Type III anchors and dowels are complete and forming is underway. We anticipate first placement on this structure will begin as this newsletter goes to press. Below this reconstruction work, masonry subcontractor *Lupini Construction, Inc.* is nearly complete in installing bluestone veneer over the 38 post-tension anchor heads. Once complete, we will be able to finish removing the working platform in the plunge pool.

Barnard is leading a joint venture with *D.A. Collins* on this project designed by the joint venture of *Gannett Fleming/ Hazen and Sawyer, PC.*

We're pleased with the progress we've made this year, yet anxious for drier weather.

—Gilboa Team

(Above) Crews work around spring flows at Gilboa Dam.

(Right) Subcontractor Lupini Construction, Inc. works on restoring the Ashlar masonry look to the post-tension anchor pockets on the west training wall.

Bid Results

Stateline to Grenora 115kV Transmission Line
Owner: Sheridan Electric
Location: Montana and North Dakota
Bid Date: June 21, 2013

Probst	$12,159,451
Barnard	$16,620,467
Michels	$17,593,406
System 3	$17,686,688
Blattner	$18,945,441
American Site Builders	$19,477,423
Atkinson	$23,995,646
U.S. Power	$29,626,686

Bald Eagles at Gilboa Dam

A protected species chooses the largest construction site in the Catskills to set up camp. A family of bald eagles has been living in the trees above Gilboa Dam.

photo courtesy of the NYC Department of Environmental Protection

Central T Prepares to Launch "Mom Chung," the First of the Project's Two TBMs

(San Francisco, California) The **Central Subway Tunnel Project** Team remains extremely busy as crews work around-the-clock to launch the Southbound TBM. There is no shortage of work both below ground and on the surface.

Crews prepare the Central T TBM, "Mom Chung," for launch.

Below ground, our Barnard Impregilo Healy (BIH) crews have completed the meticulous assembly of the Southbound TBM, named "Mom Chung," in the launch box area. Testing and commissioning efforts required for the hundreds of electrical and hydraulic components are wrapping up as the initial launch of the massive machine is starting to become a reality. Surface activities are also on-going as BIH crews finish installation of the overland conveyor system and grout plant. The overland conveyor system will convey excavated material from the tunnel above ground to a large spoils containment pit prior to haul-off.

A couple of blocks from the launch box, work at the Moscone Station (MOS) is ongoing as *Condon Johnson Nicholson* (CJA-NCC) crews have completed the installation of slurry walls at both MOS headwalls. CJA-NCC crews are now focused on installation of jet grout columns along the west half of the street, ahead of the Southbound TBM.

Approximately 1 mile from the launch box, work at the Union Square Market Street Station (UMS) is progressing as CJA-NCC crews have completed installation of primary and secondary secant piles and are 50 percent complete with tangent piles at the UMS south headwall.

One block to the south at the Ellis Shaft, CJA-NCC crews have excavated the shaft, constructed a drill rig platform at the bottom and are currently drilling compensation drill tubes from within. Pre-condition grouting will be the next focus.

And 2 miles from the launch box, work to relocate the TBM retrieval shaft may finally start after being on hold for six months. The design, scope and cost of this additional work have now been agreed to between BIH and owner *San Francisco Municipal Transportation Agency*. Work on this is projected to start this summer. The project has been designed by *PB/Telamon JV*.

—Central T Team

Above, Shift Superintendent Bill Kiehl (right) and crew plan the day's work. At right, a view of the TBM trailing gear during testing and commissioning.

Our Team at Snoqualmie Falls Focuses on Final Project Details This Summer

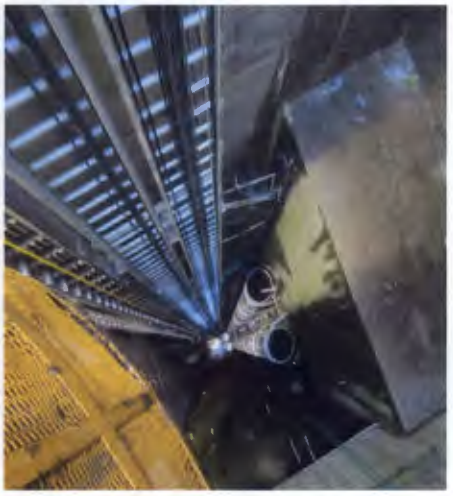
(Snoqualmie, Washington) Progress out at the **Snoqualmie Falls Hydroelectric Redevelopment Project** for *Puget Sound Energy* (PSE) is quickly approaching completion in many areas. Project crews are working around-the-clock to continue the rapid pace of construction in order to keep to our schedule. We are consistently closing out different areas of the project and transferring possession to PSE.

Above, the Plant 1 Intake Building above the falls nears completion. Below, a look down the shaft at the Plant 1 electric wire banks and duct work.

At Plant 2, the remaining hillside work is wrapping up with completion of the penstock maintenance walkway stairs, topsoil, hydro-seeding, and security fencing. The lower park grading, utility work and boardwalk to the base of the dramatic 270-foot Snoqualmie Falls are our Barnard crews' main focus this month. Crews are close to completing this work to allow for paving, landscaping, and installation of public restrooms. Fortunately, the weather is slowly improving with longer periods of sunshine to allow this work to proceed.

Above Snoqualmie Falls, crews are active at Plant 1 where work is occurring both below and above ground. *Burke Electric* is close to completing its wiring and terminations, with testing of Units 1 to 5 to follow soon. *HCMS* has completed its final alignment of Unit 5 and is completing the balance of the mechanical piping to all units. Barnard crews have finished the work in the Plant 1 tailrace with the last portion of demolition of the tailrace isolation wall to allow water to flow from the cavern once testing begins.

Crews grade the public parking area, which receives up to 2 million visitors annually.



Above ground at Plant 1, *Sellen Construction* is completing finishes on the intake building. "Operational readiness" tasks with PSE will begin soon for the major systems associated with Plant 1 power generation. The next few months at Plant 1 will focus on testing and startup with the commissioning team.

—Snoqualmie Team

Summer's Long Days in Alaska Mean Lots of Activity at Blue Lake Project

(Sitka, Alaska) Summer has finally arrived in Sitka, bringing several big changes to the **Blue Lake Expansion Project.** Barnard crews have officially placed the first concrete on the dam this month! By project's end, we'll have raised the dam by 83 feet.

The keyways for Monoliths 1 & 2 are now complete and allow us to move forward with more placements. Crews have also been busy building and assembling the Peri gang forms for the dam as well as pre-building the gate chamber forms. Right abutment excavation as well as surface preparation activities on the left and right sides will commence as the dam begins to rise. In Sitka, barges continue to arrive with weekly shipments of key materials and items for the project.

Tunneling subcontractor *Blue Lake Tunnelers*' (BLT's) work above and below ground also moves at a rapid pace. The intake tunnel excavation, started in early June, is moving along. BLT has already completed 508 feet of the 869-foot-long tunnel. In the coming weeks, BLT will also mobilize the Alimak raised climber for use on the surge shaft up to the dam staging area. The Alimak will be set up to complete the 110-foot-tall gate shaft following completion of the tunnel excavation. BLT completed the left abutment thrust block excavation this month along with the surge shaft breakthrough structure.

Above, powerhouse excavation is underway along Sawmill Creek.

At right, Blue Lake Tunnelers continue excavation of the intake tunnel.

ASRC McGraw Constructors and *Southeast Earthmovers* are busy at the powerhouse site, focused on completing the excavation. While the existing Blue Lake powerhouse was offline, crews worked to complete the cofferdam during reduced flow on Sawmill Creek. Crews will begin to place the first concrete at the powerhouse in the coming weeks as the powerhouse footprint excavation is completed.

Crux Subsurface will be mobilizing to the site again soon. Crux will be onsite full-time to undertake the consolidation grouting for the dam's left and right abutments. Crux crews will also be down in the plunge pool area to begin work on the six pressure relief wells at the dam's toe.

We are constructing this dam raise project, designed by *Hatch Associates Consultants, Inc.* for the *City and Borough of Sitka* working with Construction Manager *McMillen, LLC.*

—Blue Lake Team

PG&E

A pipeline replacement crew lowers in a section of 16-inch pipe at one of Barnard's Pacific Gas & Electric projects in Northern California. Learn more about our participation in PG&E's Pipeline Safety Enhancement Plan Alliance in our Summer 2013 OnSite, to be published in early July.

Let's Welcome Barnard's New Employees

Ian Ferguson

Ian Ferguson joined our team at the PG&E Alliance Program in Northern California this month. He is a Project Engineer.

Ian grew up in Spokane, Washington, and moved to Seattle to attend the University of Washington, where he earned a B.S. in Construction Management in 2011. While at UW, he gained work experience interning at the university's Capital Projects office, assigned to a medical center renovation and construction of a new chemistry building, among other assignments.

After graduation, he went to work for Infrasource Services, which has a contract with Puget Sound Energy to run and maintain its natural gas pipeline in western Washington. He was a Project Coordinator for the natural gas main and service installation in the Seattle area, a natural segue to work on Barnard's PG&E Alliance program in California.

Ian loves to hike and ski and play basketball, soccer and football. He also enjoys volunteering for Habitat for Humanity, spending time with friends and family, and traveling in his free time.

Klaus Herbert

Born and raised in Bavaria, Germany, Klaus Herbert recently joined Barnard's Central Subway Tunnel Team in San Francisco as our Survey Manager. Klaus brings over 20 years of international tunneling experience to Barnard. Most recently he was instrumental in completing the Devil's Slide Tunnel Project, working as Survey Manager and heading up all surveying efforts for the NATM twin tunnels.

Klaus earned his Dipl.Ing (FH) in Surveying (equivalent to a U.S. bachelor's degree) from Fachhochschule in Wuerzburg, Germany. He also became a Microsoft Certified Systems Engineer in Germany in 2001. He remains interested in researching and using the latest survey technologies to help drive high efficiency into field operations. Prior to joining Kiewit in 2007, he worked on projects in Europe and Africa, including a major thoroughfare tunnel in Zurich, Switzerland.

He is an avid fan of American country-rock music and plays the bass guitar. He also travels with his wife, Anke, a highly accomplished professional dressage rider and horse trainer who has twice represented the German Olympic Dressage Team as a groom.

Marcus Johnson

The Home Office welcomed new Project Engineer Marcus Johnson to the Estimating Team early in June. Marcus grew up in Billings, Montana, and attended Montana Tech in Butte, where he earned his B.S. in General Engineering with a Civil option in May this year.

Last summer, he interned at Pioneer Technical Services, conducting environmental sampling near Great Falls, Montana. This testing included soil and groundwater sampling for heavy metals contamination.

When not at work, Marcus likes to be outside, fishing and camping. He also enjoys playing football with his former teammates on the Montana Tech Orediggers team, where he started as a defensive tackle for three years and was a teammate with Barnard Project Engineer Matt Study. In 2011, Marcus earned the Ed Simonich Award for football at Montana Tech, an award given for "leadership, loyalty, perseverance and commitment," according to the Orediggers' website.

Meet Barnard's New Employees

Julian Ribera

Let's welcome Julian Ribera back to the Barnard organization; we're glad to have him join Barnard's PG&E AllianceTeam as a Project Safety Educator!

A Montana native, Julian grew up in Chinook. He first joined Barnard in 1983 as our 125th employee (we recently hit 10,000 in April). Over the years, he has worked as a Pipelayer, Foreman and Superintendent at many Barnard projects, including the City of Black Diamond project in Washington, sewer improvements for Bullhead City, Arizona, and one of the earliest Owens Lake projects in Southern California. His family had settled in Warren, Oregon, where he continues to base out of today, so after many years with Barnard, he sought out a position that would keep him at home while the kids grew up.

Since 2001, Julian has held positions in public works for the City of Columbia City, Oregon, and for the City of Portland during which he provided onsite inspection in water quality, construction quality, and environmental and safety monitoring and management. Now with the children grown, Julian has rejoined Barnard.

Julian and Eleanor, his wife of 22 years, have three children: Lenore, Juliana and Julian. Julian Sr. enjoys being outdoors fishing and hunting, and he likes basketball and has coached in the past. He also enjoys leatherwork when he's not outdoors.

Tyler Warren

It's official: after more than a year of interning for us, Tyler Warren has now joined the Gilboa Dam team as a Project Engineer! Tyler graduated from the State University of New York at Delhi in May with a Bachelor of Technology degree in Construction Management.

Tyler grew up in Orange County, New York, just north of New York City. He headed north to Delhi for college and then a bit northeast to intern at our Gilboa Dam project in Schoharie County beginning in January 2012. He had also interned with Whiting-Turner Contracting Co. on an outdoor shopping center redevelopment project and with Atlantic Testing Laboratories as a materials testing technician.

In school, Tyler was active in ASC student competitions, peer tutoring and advising, student government and community service. When not working, he enjoys all types of fishing, hiking with his dogs, and trying his hand at home-brewing.

Denton Parting Shot

Project Manager **Brandon Graham** *wraps up work on Barnard's Denton Loop Re-Conductor 138 kV Upgrade Project. This project in north Texas was completed in May.*

"Small opportunities are often the beginning of great enterprises."

—Demosthenes,
Greek orator and statesman

Trash Talk with Kathi Jenkins, *Corporate Environmental Director*

Environmental Corner

Stay Cool and Save Energy

With the rising temperatures come the economic and environmental issues of power conservation as we rely on air conditioning more and more. Here are some tips to conserve energy while you stay cool this summer.

Keep your shades closed when the air conditioner is on. Sunny windows account for 40 percent of unwanted heat and can make your air conditioner work two to three times harder.

Raise your thermostat to 78°. If you are away from home for more than eight hours, raise the thermostat setting and you can expect to see up to a 3 percent savings on cooling costs for each degree of setback. This is the number one way to conserve energy.

Use your programmable thermostat correctly. Dropping the thermostat to 60° so that it will get to 70° faster does not work. It wastes energy and is bad for the equipment. If your goal is a 70° room, put your thermostat to 70 and leave it there until you plan to leave the room/house.

Close vents in rooms that are not in use.

Check and clean your filters and clear your attic vents. Cleaning and replacing air conditioning filters monthly allows the system to run more efficiently.

Install ceiling fans and make sure they are blowing down. Don't underestimate the importance of ceiling fans. Using ceiling fans can result in savings of around 25 percent on cooling costs and make the temperature seem 10° cooler. Most fans have a switch to change the fan direction. Make sure your ceiling fans are blowing downward (in a counterclockwise direction) to send air past your body. Ceiling fans do not cool a room, they cool bodies.

Postpone activities that require hot water and significant energy use – such as washing dishes or clothes – until early morning or late evening. This will keep from adding more heat and humidity to your home.

Use cold water to wash dishes and clothes. This will reduce your water heating costs.

Avoid using the stove if possible. Consider grilling outside instead.

Remember that air conditioning is not the only way to stay cool. Rely on cool water, basements, shade, etc. to help cool yourself naturally.

A Snapshot of Montrose

Our Montrose penstock cleaning crew sets up at a manhole for work in the pipe. We're continuing to clean the remaining portion of the intact penstock that was filled with debris in early May. This is part of our Montrose Penstock Repair Project for Alterra Power Corp. in British Columbia's remote Toba Valley.

"The truth of the matter is that you always know the right thing to do. The hard part is doing it."

—General H. Norman Schwarzkopf

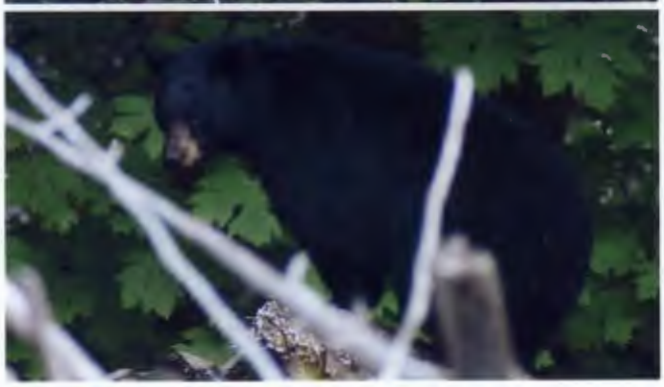
The Month in Photos

Steven Kidd *goes all out when competing in Washington Motorcycle Road Racing events. In fact, he's already had 11 Top Ten finishes this year, including three trips to the podium.*

In a few days of fishing off the Alaskan coast near Sitka, this crew of (l to r) ***Shawn Perrin, Tim Good, John Perrin*** *and* ***Bob Magera****, caught king salmon, halibut, black cod, ling cod and an abundance of rockfish (totaling 303 lbs. of fillets, Shawn will tell you) in three days. Tim, John and Bob were all visiting Shawn, who is assigned to the Blue Lake project.*

Chad Lanker *landed this rainbow trout while fishing with his father on the Yakima River in Washington just before Chad relocated to our PG&E projects in Sacramento, California.*

Congrats to ***Jessica Killian, Mike Killian's*** *daughter, who recently learned she's been accepted into the competitive nursing program at Carroll College in Helena! Jessica will begin her junior year at Carroll this fall.*



(Top) Look closely (really closely), there's more than one mountain lion they caught on camera at our Montrose Project in British Columbia. (Bottom)The Montrose team had another visitor earlier this month.

BARNARD

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Project Photo Album

1. *The Montrose Vacuum Truck crew sets up hoses to start cleaning out the penstock pipe damaged by a naturally occurring rockslide.*
2. *Crews begin work on Blue Lake Dam's steep left abutment.*
3. *The Central T Team signs "Mom Chung" before TBM launch.*
4. *A crew is forming the concrete support for installation of a 16-inch MLV at a Barnard PG&E project in Yuba City, California.*
5. *Dawn at the Gilboa Dam Reconstruction Project, where work progresses on both ends of the spillway while the crest notch spills.*

Barnard Construction

On Site

Summer 2013

integrity ■ innovation ■ performance

Barnard Joins PG&E Alliance Focused on Enhancing Pipeline Safety

A crew performs a tie-in weld at a Barnard PG&E Alliance project site.

major subcontractors

- *G&C/APS Joint Venture – Union Labor Provider*
- *Milbar Hydrotest, Inc. – Pipe-Cleaning and Strength-Testing*
- *Bay Area Traffic Safety – Traffic Control*
- *Road Safety – Traffic Control*
- *Discovery Hydrovac – Hydro Excavation Services*
- *Badger Daylighting – Hydro Excavation Services*
- *Kent's Trucking – Trucking Subcontractor*

Covering an area that stretches roughly 170 miles in Central and Northern California, from Redding in the north to Santa Rosa, Fairfield and Sacramento in the south, Barnard Pipeline crews are working with *Pacific Gas & Electric* (PG&E) to strengthen and improve the integrity and safety of PG&E's natural gas transmission system. Barnard began work as one of four Alliance Partners in PG&E's **Pipeline Safety Enhancement Plan** (PSEP) in January. The five-year program initially focused on dividing the work into individual service contracts. Today, in addition to our Estimating Team working at PG&E headquarters in San Ramon, we have crews working at many locations in the state's northern region focused on strength testing and pipeline replacement. Their work includes pipeline ranging in diameter from 8 inches to 24 inches. As we enter the height of the construction season, we currently have more than 100 employees onsite and have logged more than 100,000 person hours; the work is moving along as planned. The Engineers working with the Alliance include *Gulf Interstate, URS, GTS, CH2M Hill* and *PG&E's Internal Engineering Department.*

Inside

notables

On April 5, 2013, Barnard was honored by the Greater Los Angeles African American Chamber of Commerce for our responsiveness to the African American and small business communities in the Los Angeles area. This is our sixth such award since 2001.

Barnard crews successfully completed the Denton Loop Re-Conductor 138 kV Upgrade Project – Phase 2 for the *Texas Municipal Power Agency*. The line was re-energized on May 4, 2013. *Power Engineers* designed the work.

Updated Snoqualmie Falls Hydroelectric Facility Back On-Line

New intakes for the Snoqualmie Falls Hydroelectric facility can be seen on each side of the river above the falls.

At the **Snoqualmie Falls Hydroelectric Redevelopment Project** just outside of Seattle, we're in the home stretch! Below Washington State's scenic 270-foot waterfall, the Plant 2 powerhouse is once again generating power for owner *Puget Sound Energy*. The intake and gatehouse near completion, as does the Upper Park above the falls, which averages 2 million visitors per year. Across the river, renovations to PSE's unique Plant 1, one of the world's first completely underground power plants, is nearly complete as well. *Ohno Construction* is wrapping up utility installation between the buildings and the pump stations. *Sellen Construction* has just finished the exterior of the intake building atop the falls. And *Burke Electric* has pulled the wires from the transformer yard down the 270-foot enlarged shaft to each of the generators in the expanded underground powerhouse. Barnard has been working with Design Engineer *Klohn Crippen Berger* since we first began working under a Design-Assist contract on this complex project in 2007. The revamped hydroelectric facility will now have a generating capacity of 54 MW, compared to its earlier 44 MW capacity, without drawing additional water from the river.

Kevin Ellerton Named Barnard's New VP/Operations Manager

Barnard is pleased to announce the promotion of **Kevin Ellerton** to Operations Manager/Vice President. Kevin joined Barnard as an intern in 1995, assigned to a small flood detention project in Arizona. He hired on full-time after earning his B.S. in Construction Engineering Technology from Montana State University the following year. Since then, he's worked on projects in Colorado, Wyoming, Montana, California, Arizona, West Virginia, South Carolina and Florida. For the past five years, Kevin has been focused on taking Barnard into other countries and building working relationships with firms throughout the world. He recently led a Barnard team in a joint venture in Australia and also performed a feasibility study for a hydroelectric system upgrade in British Columbia. In addition to OM duties on hydroelectric and water storage projects, Kevin will continue his work in Business Development.

Kevin Ellerton

Barnard Team Begins Remote Penstock Repair Project in British Columbia

In British Columbia's remote Toba Valley along the Sunshine Coast, Barnard is repairing 1,000 LF of 96-inch-diameter penstock at the Montrose hydroelectric facility, which was damaged recently by a naturally occurring rockslide. We were selected by *Worley Parsons* on behalf of *Alterra Power Corp.* Planning is critical, since all labor, equipment and materials must be barged or flown to the site. Working with our team, *3 Leaf Contracting* is providing slope civil works. *TDN Constructor* is our welding subcontractor and *CCS Coatings* is performing the coating and lining. The *Klahoose First Nation* maintains the limited roads in the area and is providing numerous resources to the project. The challenging location of this work also requires continuous state-of-the-art slope monitoring to ensure safety for all workers.

Barnard Welcomes Our New Employees

Adriana Afong, Project Engineer
University of Nebraska-Lincoln
B.S., Construction Engineering
Adriana joins our PG&E Alliance Team in California.

Koehler Anderson, Project Engineer
Colorado School of Mines
B.S., Mining Engineering
Koehler joins our Estimating Team at the Home Office.

Tyrel Cochrell, Project Engineer
Montana State University-Northern
B.S., Civil Engineering Technology
Tyrel joins the Estimating Team at the Home Office, where he worked as an intern last summer.

Ian Ferguson, Project Engineer
University of Washington
B.S., Construction Management
Ian joins our PG&E Alliance Team in California.

Klaus Herbert, Survey Engineer
Fachhochschule Werzburg/Germany
Dipl.Ing (FH), Surveying
(B.S., Survey Eng. Equivalent)
Klaus joins our Central Subway Tunnel Team in California.

Marcus Johnson, Project Engineer
Montana Tech of the University of Montana
B.S., General Engineering, Civil Option
Marcus joins our Estimating Team at the Home Office.

Tony Moua, Project Engineer
California State University, Chico
B.S., Construction Management
Tony joins our PG&E Alliance Team in California.

Julian Ribera, Project Safety Educator
30+ years in the construction industry
Julian joins our PG&E Alliance Team in California.

Tyler Ross, Project Engineer
Oregon State University
B.S., Construction Engineering Management
Tyler joins our PG&E Alliance Team in California.

Tyler Warren, Project Engineer
State University of New York at Delhi
B.S., Construction Management
Tyler joins our Gilboa Dam Team in central New York where he has been our intern for the past year.

Central Subway Tunnel Project Launches First of Two TBMs

While the streets of San Francisco are quiet at night, our team at the **Central Subway Tunnel Project** *lowers the first sections of "Mom Chung," our tunnel boring machine, into the recently completed launch box. Barnard is leading* Barnard Impregilo Healy JV *in this project for the* San Francisco Municipal Transportation Agency. *The project was designed by* PB/Telamon JV.

Congratulations All Around!

Wedding Bells

Mike Gilbertson and **Stephanie Sahli** were married on May 18, 2013, in Alexandria, Minnesota.

Update on Barnard's "Next Generation"

Baby girl born to **Aaron** and **Keely Rietveld. Zoey Jane Rietveld** was born on April 12, 2013, weighing 7 lbs. 1 oz.

Baby girl born to **Tim** and **Janie Howe. Hattie Kay Marie Howe** was born on April 12, 2013, weighing 6 lbs. 8 oz.

Baby girl born to **Chad** and **Ryanne Lanker. Joanna Wilson Lanker** was born on May 19, 2013, weighing 6 lbs. 12 oz.

Baby girl born to **Ely** and **AJ Johnson. Elyse Theron Johnson** was born on May 19, 2013, weighing 7 lbs. 13 oz.

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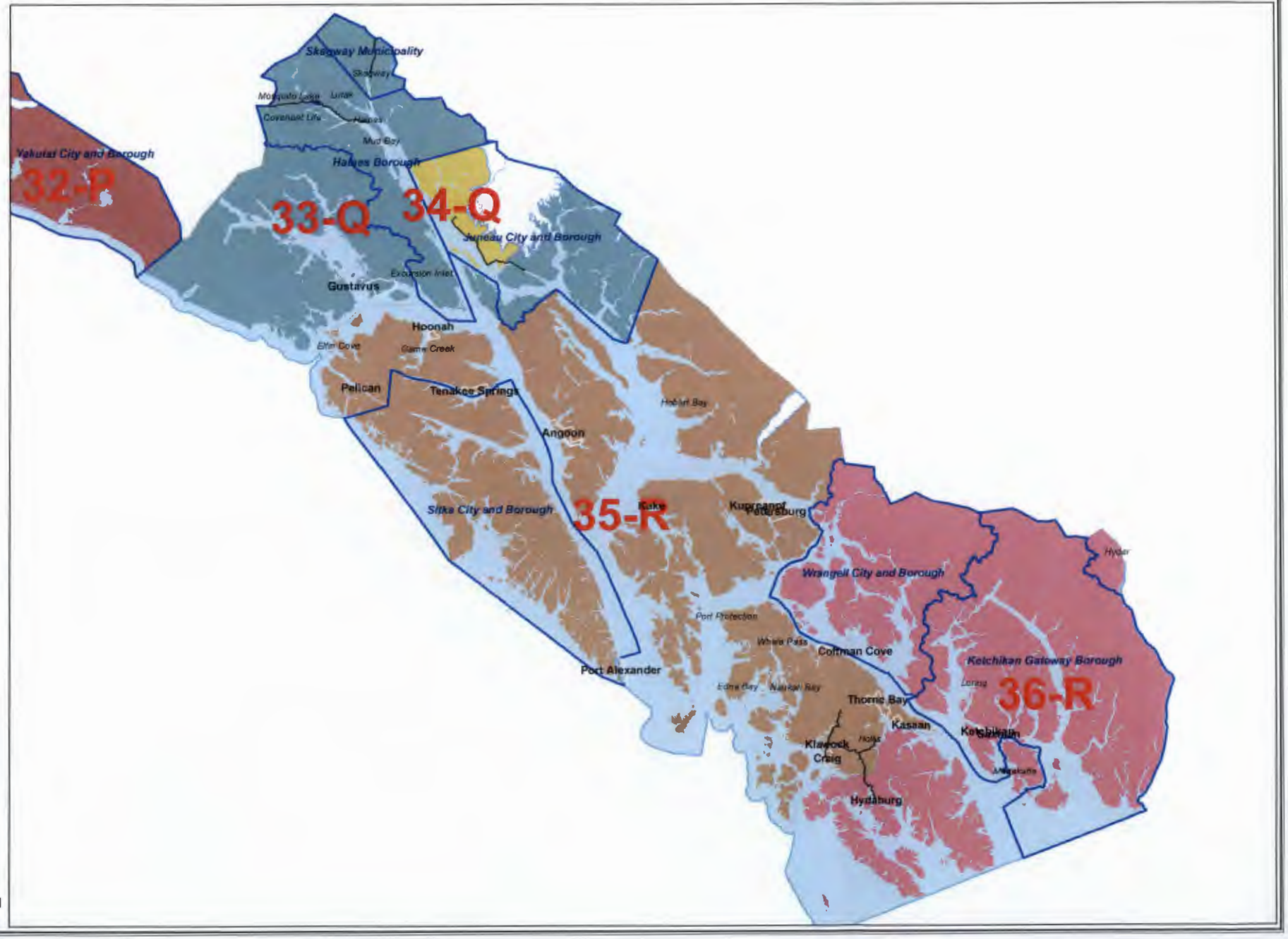
OnSite
The official newsletter of Barnard Companies, Inc.

2013 Proclamation House Districts

Southeast



Prepared by:
Alaska Redistricting Board

Description of 2013 Proclamation Plan
House and Senate Districts

Prepared by the Alaska Redistrcting Board
July 14, 2013

House District 33 – Senate District Q – Downtown Juneau/Douglas/Haines/Skagway

House District 33 includes all uplands and islands bounded by a line beginning at the northern-most point of the boundary of the Municipality of Skagway, southeast along the boundary to the boundary of Haines Borough, southeast along the boundary to the boundary of the City and Borough of Juneau, west then southeast along the boundary to a non-visible line extending southwest from the entrance to Fritz Cove, northeast to the entrance of Fritz Cove, northeast along the centerline of Fritz Cove to the entrance of Gastineau Channel, east along the centerline of Gastineau Channel to a non-visible line extending south from the mouth of Switzer Creek, north to the mouth of Switzer Creek, north to Egan Drive, west to Switzer Access Road, north to Glacier Highway, west to the Thunder Mountain Trail, northwest to Heintzleman Ridge, northeast to the Juneau Icefield, west along the southern edge of the Juneau Icefield to Mendenhall Glacier, southwest then northwest along the southern edge of Mendenhall Glacier to the Juneau Icefield, northwest along the western edge of the Juneau Icefield to Eagle Glacier, north along the eastern edge of Eagle Glacier to Thiel Glacier, north along the eastern edge of Thiel Glacier to Gilkey

Glacier, northeast along the eastern edge of Gilkey Glacier to the boundary of the City and Borough of Juneau, southeast then southwest then northwest then southwest then northwest along the boundary to the western shoreline of the entrance of Hawk Inlet, south then northwest along the shoreline to a non-visible line extending east from Couverden Island, west along the non-visible line to the boundary of Haines Borough, southeast then west then northwest along the boundary to the centerline of Icy Strait, west along the centerline of Icy Strait to the entrance to North Inian Pass, west along the centerline of North Inian Pass to the entrance to Cross Sound, south along the centerline of Cross Sound to the Pacific Ocean, south along a non-visible line to the 3 mile limit, northwest to the boundary of Yakutat Borough, northeast along the boundary to the Canadian Border, northeast along the border to the boundary of Haines Borough, northwest along the boundary to the boundary of the Municipality of Skagway, northeast to the point of beginning.

House District 34 – Senate District Q – Mendenhall Valley

House District 34 includes all uplands and islands bounded by a line beginning at the Switzer Access Road and Egan Drive, east along Egan Drive to Switzer Creek, south to the mouth of Switzer Creek, south along a non-visible line to the centerline of Gastineau Channel, west along the centerline to the entrance to Fritz Cove, southwest along the centerline of Fritz Cove to the entrance to Stephens Passage, southwest along a non-visible line to the boundary of the City and Borough of Juneau, northwest then east to the Canadian Border, south to the southern edge of Gilkey Glacier, southwest along the southern edge to Thiel Glacier, south along the eastern edge of Thiel Glacier to Eagle Glacier, south along the eastern edge of Eagle Glacier to the Juneau Icefield, southeast along the western edge of the Juneau Icefield to Mendenhall Glacier, southeast then northeast around the southern edge of Mendenhall Glacier to the Juneau Icefield, east along the southern edge of the Juneau Icefield to Heintzleman Ridge, southwest along Heintzleman Ridge to Thunder Mountain Trail, southeast to Glacier Highway, east to Switzer Creek Access Road, south to point of beginning.

House District 35- Senate District R- Sitka/Petersburg

House District 35 includes all uplands and islands bounded by a line beginning at the southern-most point of the boundary of the City and Borough of Sitka, north to the northwestern-most point of the City and Borough of Sitka, north along the 3 mile limit to the entrance to Cross Sound, north along the centerline of Cross Sound to the entrance to North Inian Pass, east along the centerline of North Inian Pass to the entrance to Icy Strait, east along the centerline of Icy Strait to the boundary of Haines Borough, southeast then north along the boundary to the entrance to Lynn Canal, east across the entrance of Lynn Canal to the shoreline of Admiralty Island, south along the shoreline to the boundary of the City and Borough of Juneau, southeast then northeast then southeast then northeast along this boundary to the Canadian Border, southeast along the border to the boundary of the City and Borough of Wrangell, southwest then southeast along the boundary to the boundary of Ketchikan Gateway Borough, southeast along the boundary to a non-visible line extending east from the entrance to Kasaan Bay, west to the entrance to Kasaan Bay, west along the centerline of Kasaan Bay to the entrance to Twelvemile Arm, southwest along the centerline of Twelvemile Arm to the mouth of Twelvemile Creek, south to NFD 21 Road, west

to the Hydaburg Highway, north to a foot trail near Trocadero Bay, west to the shoreline of Trocadero Bay, west along the centerline of Trocodero Bay to the entrance to Bucareli Bay, southwest along the centerline of Bucareli Bay to the entrance to the Pacific Ocean, south along a non-visible line to the 3 mile limit, northwest to the point of beginning.

House District 36- Senate District R – Ketchikan/Wrangell/Metlakatla/Hydaburg

House District 36 includes all uplands and islands bounded by a line beginning at the western-most point of the boundary of the City and Borough of Wrangell, northeast to the Canadian Border, southeast then southeast to maritime border in the Dixon Entrance, west to the 3 mile limit in the Pacific Ocean near Forrester Island, north along the 3 mile limit to the entrance of Bucareli Bay, northeast along the centerline of Bucareli Bay to the entrance of Trocadero Bay, east along the centerline of Trocadero Bay to a foot trail onshore, east to the Hydaburg Highway, south to NFD 21 Road, east to Twelvemile Creek, north to the mouth of the creek on Twelvemile Arm, northeast along the centerline of Twelvemile Arm to Kasaan Bay, west along the centerline of Kasaan Bay to the entrance to Clarence Strait, east along a non-visible line to the boundary of Ketchikan Gateway Borough, northwest along the boundary to the boundary of the City and Borough of Wrangell, northwest along the boundary to the point of beginning.