

Should this item be pulled from the consent agenda the following motion would be in order:

## **POSSIBLE MOTION**

I MOVE TO approve Resolution 2010-09 supporting a grant application to the Coastal Impact Assistance Grants Program for rehabilitation of Swan Lake on first and final reading

CITY AND BOROUGH OF SITKA

RESOLUTION NO. 2010-09

**A RESOLUTION OF THE ASSEMBLY OF THE CITY AND BOROUGH OF SITKA  
SUPPORTING A GRANT APPLICATION TO THE COASTAL IMPACT ASSISTANCE  
GRANTS PROGRAM FOR REHABILITATION OF SWAN LAKE**

**WHEREAS**, the Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs is soliciting proposals for competitive Community Coastal Impact Assistance Program (CIAP) grants; and

**WHEREAS**, projects proposed under this solicitation must benefit the natural coastal environment of Alaska’s coastal area and meet at least one of the following uses authorized by the Coastal Impact Assistance Program (CIAP), and the Swan Lake Rehabilitation Project meets #1--“Projects and activities for the conservation, protection, or restoration of coastal areas, including wetland” and #2—“Mitigation of damage to fish, wildlife, or natural resources” and received a prior CIAP grant in 2002; and

**WHEREAS**, the City and Borough of Sitka and Sitka community have partnered for more than two decades to restore and rehabilitate Swan Lake, known as Sitka’s “Central Park”, a formerly State-designated Impaired Waterbody which is a severely eutrophic “dying” lake, including completing major Swan Lake assessments and implementation plans for the long-term rehabilitation of the lake; and

**WHEREAS**, the separate State-designated Coastal Impact Assistance Program for named recipients including City and Borough of Sitka will help fund the strategic dredging and rehabilitation project to restore Swan Lake, but mobilization costs are very high, and larger projects are much more cost effective, so CBS is seeking funding for a larger project of up to \$4 million to complete the maximum long-term restoration of Swan Lake that can be accomplished; and

**WHEREAS**, once this upgrade is completed, Swan Lake will be restored to provide its historical, environmental, and recreational richness for the future;

**NOW, THEREFORE, BE IT RESOLVED**, that the Assembly of the City and Borough of Sitka, Alaska, supports the City and Borough of Sitka’s applying for \$1,575,100 to complete the Swan Lake Rehabilitation Implementation Plan; and further authorizes the Municipal Administrator to negotiate, execute, and administer any and all documents and contracts required for the application, acceptance, and management of these CIAP funds on behalf of City and Borough of Sitka.

**PASSED, APPROVED, AND ADOPTED** by the Assembly of the City and Borough of Sitka, Alaska, this 9<sup>th</sup> day of March, 2010.

\_\_\_\_\_  
Scott McAdams, Mayor

ATTEST:

\_\_\_\_\_  
Colleen Ingman, MMC, Municipal Clerk

March 3, 2010

MEMO TO: Jim Dinley, Administrator  
Mayor and Assembly

FROM: Marlene Campbell, Government Relations Director

SUBJECT: Application for Community Coastal Impact Assistance Grant

Federal Coastal Impact Assistance Program (CIAP) Grants are administered by the Alaska Department of Natural Resources. In accordance with Senate Bill 75 passed in last years State Legislative session, Sitka is to receive \$774,988 as a "named recipient" under one portion of the Bill. Sitka is also eligible to apply for additional funding under the *Community* Coastal Impact Assistance Program (CCIAP) created by another portion of the Bill.

There have been three strategic dredging projects in Swan Lake since 2001, funded by a combination of Coastal Impact Assistance Program (CIAP), DEC/EPA 319 grants and municipal matching funds. These small projects have been successful at improving water flow in and out of the lake, increasing access for recreational activities and improving winter fish habitat. These projects were very popular with the Sitka residents. Small dredging projects, however, are not cost effective. Mobilization costs are high for projects such as this; for our small projects mobilization/demobilization consumed up to 35 percent of the project budget. Larger projects are much more cost effective because the mobilization costs are nearly fixed and not proportional to the volume of material dredged.

The City and Borough's FY11 Legislative priorities include a \$4,000,000 project to dredge and improve Swan Lake, using Sitka's "named recipient" funding of \$774,988, a Legislative appropriation of \$1,650,000, and \$1,575,100 from other sources.

We request Assembly approval to apply for a CCIAP grant in the amount of \$1,575,100.

## FY2011 CBS LEGISLATIVE CAPITAL PROJECT REQUEST

### Project Title: SITKA SWAN LAKE RECOVERY AND IMPROVEMENTS

<b>Total Project Cost:</b>	<b>\$ 4,000,000 (100%)</b>
<b>Funding already secured: (CIAP Legislative Grant):</b>	<b>\$ 774,900 (20%)</b>
<b>FY2011 State Funding Request:</b>	<b>\$ 1,650,000 (41%)</b>
<b>Additional Funding Required:</b>	<b>\$ 1,575,100 (39%)</b>
<b>City and Borough of Sitka Federal Tax ID Number: 92-0041163</b>	

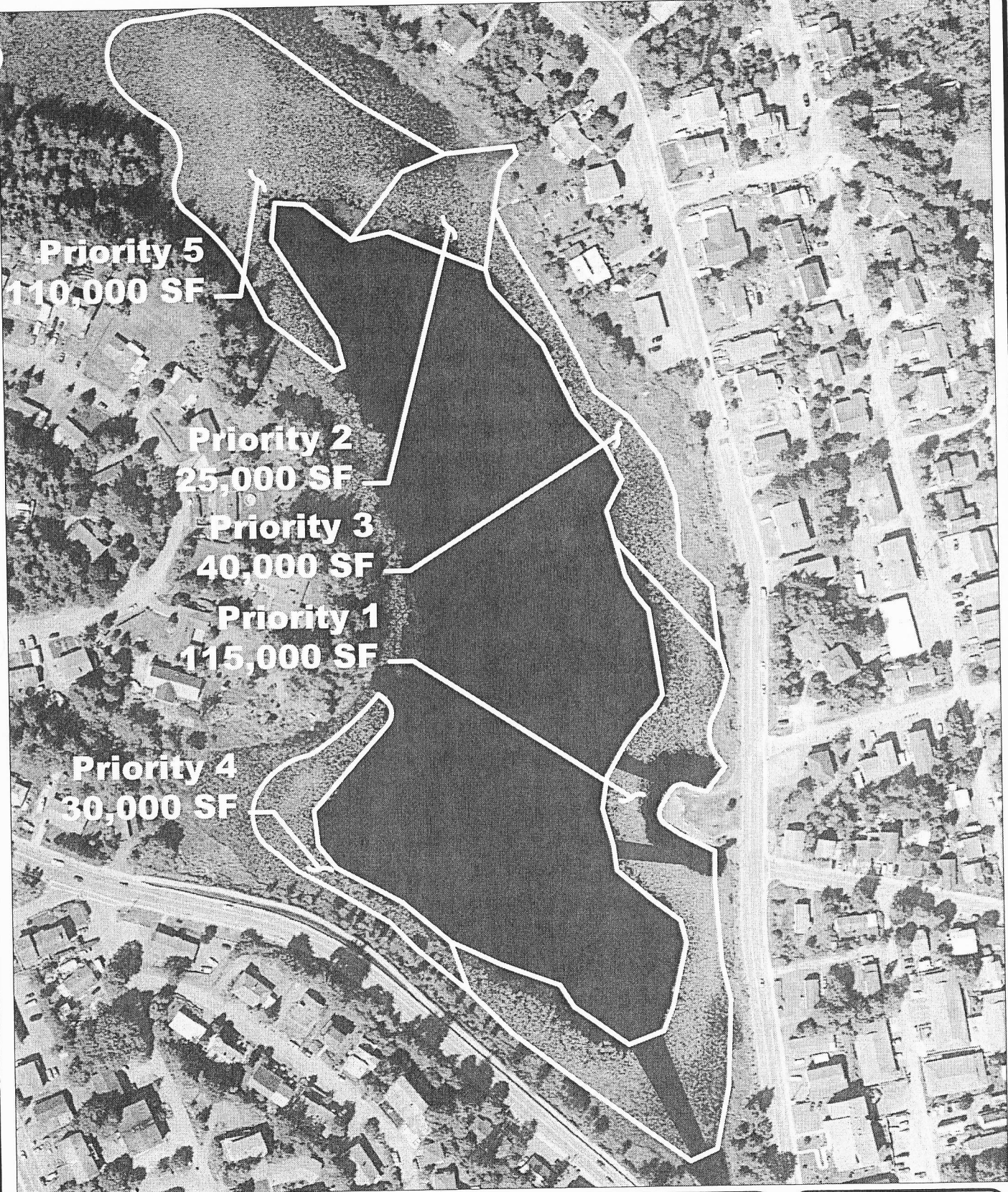
Swan Lake, 'Sitka's Central Park', is a eutrophic dying lake. For decades, CBS has been improving Swan Lake's water quality and recreational opportunities. Dredging Swan Lake is not "just a nice thing to do" but is necessary to retain Swan Lake as an integral part of Sitka's past and future. Swan Lake is a park used year-round. In the spring and summer, parents and children fish and boat on the lake; in summer, cruise ship visitors visit the lake to recreate, hike and learn about its history; in the winter, Swan Lake is the only location in town for ice skating.

Swan Lake is not only special to Sitka residents and visitors. It has a very special place in Alaska history. It was created in 1851 when the Russian occupants of New Archangel connected and deepened a series of ponds by dredging, rerouting a creek and building a log dam at the outlet. The newly formed lake was created so that ice could be harvested for shipment to California. This was a successful business venture for the Russian occupants which received special attention during the purchase of Alaska by the United States.

An active multi-year water body recovery project began in the 1990's. The guide for these efforts has been the Swan Lake Watershed Recovery Strategy and Total Maximum Daily Load Report, which was completed during 2000. In 1981 Swan Lake was named an Area Meriting Special Attention (AMSA) under the Coastal Management Program. This included water quality and watershed protection policies. In 1985, to respond to citizen concerns about the eutrophication of the lake, the CBS commissioned the Swan Lake Recreational Improvements Geotechnical Assessment and Construction Analysis. This study recorded depth and bottom substrate measurements throughout the lake, which averages less than seven feet in depth, and recommended dredging the majority of the lake to increase overall depth.

Three small strategic dredging projects with broad public support have been completed in Swan Lake since 2001, funded by a combination of Coastal Impact Assistance Program (CIAP), DEC/EPA 319 grants and municipal matching funds (totaling approximately \$450,000). These projects were successful in improving water flow in and out of the lake, increasing access for recreational activities and improving winter fish habitat. Small dredging projects, however, are not cost effective. Mobilization costs are high and consumed up to 35 percent of the project budgets. Larger projects are much more cost effective because the mobilization costs are nearly fixed and not proportional to the volume of material dredged. The 2009 Legislature provided Visitor Excise Tax funding for this upgrade project, but the funds were vetoed. **CBS again requests \$1,650,000 in state funds to complete this major improvement.**

**With the availability of state designated Coastal Impact Assistance Program funds (CIAP) of \$774,988 designated to CBS which will meet all grant requirements and permit continuing rehabilitation of Swan Lake, CBS will be able to mount a more strategic project. Sitka requests \$1,650,000 State funds to partner with CBS to complete a major long-term recovery of Swan Lake. Once completed, Swan Lake will provide its historical, environmental and recreational richness to all well into the foreseeable future.**



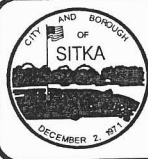
**Priority 5**  
**110,000 SF**

**Priority 2**  
**25,000 SF**

**Priority 3**  
**40,000 SF**

**Priority 1**  
**115,000 SF**

**Priority 4**  
**30,000 SF**



**City and Borough of Sitka**  
DEPARTMENT OF PUBLIC WORKS  
100 LINCOLN STREET • SITKA, ALASKA 99835  
TEL (907) 747-1804 FAX (907) 747-3158

**Swan Lake  
Dredging  
Area Map**

DRAWN:	TAD	SCALE:	1"=200'
CHECKED:	M Buggins	DATE:	June 2009
DRAWING NAME:	SwanDredge04-09		
SHEET NO.	1 / 1		

CITY AND BOROUGH OF SITKA

RESOLUTION NO. 02-834

**A RESOLUTION OF THE ASSEMBLY OF THE CITY AND BOROUGH OF SITKA  
SUPPORTING A GRANT APPLICATION TO COASTAL IMPACT ASSISTANCE  
COMPETITIVE GRANTS PROGRAM FOR REHABILITATION OF SWAN LAKE**

**WHEREAS**, the State of Alaska has established a one-time-only Coastal Impact Assistance Competitive Grants Program; and

**WHEREAS**, the City and Borough of Sitka and the Sitka community have partnered for more than 20 years to restore and rehabilitate Swan Lake (also known as "Sitka's Central Park"), a State-designated Impaired Waterbody, and also Sitka's only Area Meriting Special Attention (AMSA) in the Sitka Coastal Program; and

**WHEREAS**, the City and Borough of Sitka is in the fourth year of Department of Environmental Conservation grants to clean up the Lake and feeder streams, work with schools on education components; monitor lake levels and water quality; complete a TMDL and get Swan Lake de-listed from the Impaired Water Body List; and complete an implementation plan and "test plots" for control of aquatic plants for long-term rehabilitation of the Lake, all of which have been completed; and

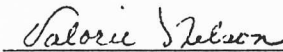
**WHEREAS**, while some selective dredging, aquatic plant eradication and reconfiguration of the outlet area of the Lake have been completed, more funding is needed to more comprehensively address the rehabilitation of the Lake; and

**WHEREAS**, the process of eutrophication has been accelerating in Swan Lake, and there is widespread public support and involvement for removing the deposition of sediments forming a "delta" at the mouth of Wrinklneck Creek, and for efficiently and safely getting rid of areas of lily pads and other aquatic growth which are choking the lake; and


**WHEREAS**, The Swan Lake Rehabilitation Project would improve water flow both in and out of the Lake, thereby reducing high-water and flooding on the streets along the feeder streams, would improve fish habitat and provide more recreational opportunities for youth, and would improve water quality in the Lake system;

**THEREFORE, BE IT RESOLVED**, that the Assembly of the City and Borough of Sitka, Alaska, affirms and supports the City and Borough of Sitka's grant application of up to \$90,000 to implement major rehabilitation of Swan Lake not previously possible. This project will carry out the Swan Lake Rehabilitation Implementation Plan by hiring professional divers to harvest aquatic growth and a contractor to dredge the critical areas of Swan Lake as approved and permitted by the cooperating resource agencies.

**PASSED, APPROVED, AND ADOPTED** by the Assembly of the City and Borough of Sitka, Alaska, on this 29<sup>th</sup> day of January, 2002.

  
\_\_\_\_\_  
Valorie Nelson, Mayor

ATTEST:

  
Colleen Pellett, CMC  
Municipal Clerk