

Submitted by: Chair of the Assembly
at the Request of the Mayor
Prepared by: Project Management & Engineering
Department
For Reading: April 11, 2006

CITY OF ANCHORAGE
APPROVED

Date: 5-2-06 ANCHORAGE, ALASKA
AR NO.2006- 81

1 A RESOLUTION OF THE MUNICIPALITY OF ANCHORAGE ACCEPTING AND
2 APPROPRIATING TWO MILLION TWO HUNDRED THIRTY-SEVEN THOUSAND
3 DOLLARS (\$2,237,000) AS A GRANT FROM THE ALASKA DEPARTMENT OF FISH
4 AND GAME SOUTHEAST SUSTAINABLE SALMON FUND, TO THE PROJECT
5 MANAGEMENT & ENGINEERING DEPARTMENT WITHIN THE AREAWIDE
6 GENERAL CIP FUND 401, FOR THE CHESTER CREEK AQUATIC ECOSYSTEM
7 RESTORATION, WESTCHESTER LAGOON TO COOK INLET.

8
9
10 WHEREAS, the Municipality of Anchorage has received a grant in the
11 amount of \$2,237,000 from the Alaska Department of Fish and Game Southeast
12 Sustainable Salmon Fund to implement the Chester Creek Aquatic Ecosystem
13 Restoration project at the mouth of Chester Creek; and

14
15 WHEREAS, the purpose of this project is to coordinate utility relocations
16 and restore passage for anadromous fish, primarily wild Coho salmon, through
17 improvements to habitat and allowing unobstructed fish migration into and out of
18 Chester Creek; and

19
20 WHEREAS, central services overhead costs of \$44,740 will be paid with
21 Areawide Mitigation Grant funds; now therefore,

22
23 THE ANCHORAGE ASSEMBLY RESOLVES:

24
25 **Section 1.** That a sum of Two Million Two Hundred Thirty-seven Thousand Dollars
26 (\$2,237,000) in grant monies from the Alaska Department of Fish and Game Southeast
27 Sustainable Salmon Fund be appropriated to the Project Management & Engineering
28 Department within the Areawide General CIP Fund 401 for the Chester Creek Aquatic
29 Ecosystem Restoration.

30
31 **Section 2.** That this resolution shall take effect immediately upon passage and
32 approval by the Anchorage Municipal Assembly.

PASSED AND APPROVED by the Anchorage Municipal Assembly this 2nd day of
May, 2006.

Barclay A. Sullivan
Chair

ATTEST:

Barbara S. Duenkel
Municipal Clerk

Department of Appropriation:

Project Management & Engineering Department \$2,237,000



**MUNICIPALITY OF ANCHORAGE
ASSEMBLY MEMORANDUM**

No. AM 223 -2006

Meeting Date: April 11, 2006

FROM: Mayor

SUBJECT: Resolution to Accept and Appropriate Grant Funds from the Alaska Department of Fish and Game Southeast Sustainable Salmon Fund to the Project Management & Engineering Department within the Areawide General CIP Fund 401 for Phase I of the Chester Creek Aquatic Ecosystem Restoration, Westchester Lagoon to Cook Inlet, Project No. 01-05 (\$2,237,000).

When complete, this project will provide improved fish passage at the Chester Creek outfall to the Knik Arm of Cook Inlet, increased fish access to spawning habitat and better stream health. Additionally, the community will benefit through increased awareness of salmon habitat, water quality needs, increased salmon viewing areas and other educational opportunities for residents and visitors. This project will be constructed in two phases.

Phase I will consist of utility line design, permitting and relocation construction and partial channel restoration. Utility work is scheduled to be completed on or before June 30, 2007.

Phase II, funded by future grants, will consist of final channel restoration with a culvert installation to restore the Chester Creek channel, allowing for increased fish passage.

<u>Revenue:</u>	401.7276.9398	\$2,237,000
	State of Alaska Grant	
	401.7276.9601	\$44,740
	Contributions other Funds	

<u>Expenditures:</u>	401.7276.3808	\$2,084,750
	401.7276.6736	\$152,250
	401.7276.6924	\$44,740

THE ADMINISTRATION RECOMMENDS APPROVAL OF THE RESOLUTION APPROPRIATING \$2,237,000 IN GRANT FUNDS FROM THE ALASKA DEPARTMENT OF FISH AND GAME, TO THE PROJECT MANAGEMENT & ENGINEERING DEPARTMENT WITHIN THE AREAWIDE GENERAL CIP FUND 401, FOR THE CHESTER CREEK AQUATIC ECOSYSTEM RESTORATION, WESTCHESTER LAGOON TO COOK INLET.

Prepared by: Howard C. Holtan, Director, Project Management & Engineering Department

Fund Certification: Jeffrey E. Sinz, Chief Fiscal Officer

401.7276.9398.M65W17.2006	\$2,237,000
State of Alaska Grant	

401.7276.3901.727605.2001	\$44,740
Areawide Mitigation Grant	

Concur: Denis C. LeBlanc, Municipal Manager

Respectfully submitted: Mark Begich, Mayor

RECEIVED

Southeast Sustainable Salmon Fund – Project Approval Form
Third Award (AR 45500 / GR 45003) FFY 2004

MAR 3 2006

Project Management & Engineering
Municipality of Anchorage

Project Number: 45510

Project Title: Chester Creek Aquatic Ecosystem Restoration, Westchester
Lagoon to Cook Inlet

PCSRF Objective: CD – EN

Proposer: David Wigglesworth, Creeks Community Development Manager
Municipality of Anchorage, Office of Economic and Community Development
Phone: (907)343-7116.
WigglesworthDT@ci.anchorage.ak.us

ADF&G Contact: Bob Clark

Division & Region: SF

Cooperating

Organizations: MOA, ADF&G, NOAA, USFWS, Anchorage Water and Wastewater
Utility (AWWU), and ASIG

Duration: January 15, 2006– May 30, 2008

**Projected Project
Deliverable Date:** May 30, 2008

Cost: Total: \$2,304,110; Direct: \$2,237,000; Indirect @ 3% of Direct: \$67,110
Does all direct funding go to ADF&G? No
Vendor

Geographic Area: Anchorage

Salmon Served: All species

Project Description: Improve fish passage at the Chester Creek outfall to the Knik Arm of Cook Inlet. The Chester Creek Aquatic Ecosystem Restoration Project has two phases: Phase one: utility relocation/partial channel construction, and Phase two: channel restoration with a culvert installation to restore the Chester Creek channel allowing for increased fish passage.

Expected Benefits: Results of the project will increase fish access to spawning habitat, and the creek ecology. Additional community benefits include: increased awareness of salmon habitat and water quality needs, improved public understanding of additional restoration needs upstream, and increased salmon viewing and other educational opportunities for residents and visitors.

Approved by ADFG: Gae Aspelund
Budget Code: CC: 11245510 LC: 11245510

Date: 1/26/06
SSSF Staff: (sa)
Batch # 1232
Cooperative Agreement

APPENDIX C

SCOPE OF SERVICES

This contract is funded via a Congressional earmark through the Southeast Sustainable Salmon Fund (SSSF). The Alaska Department of Fish and Game (ADF&G) enters into this agreement under authority of AS 36.30.850(b)(20), AS 36.30.850 (c) and AS 36.30.850(d).

Project Description

The Alaska Department of Fish & Game (ADF&G), Municipality of Anchorage (MOA), in partnership with The US Corps of Engineers Alaska District, US Fish and Wildlife Service, Inter-Fluve, Anchorage Water & Wastewater Utility, Tesoro, NOAA, Anchorage Waterways Council, and the City of Anchorage Watershed Task Force will undertake an aquatic restoration project on Chester Creek. The purpose of the restoration project is to improve fish passage for anadromous fish by removing a major obstruction to returning salmon at the mouth of Chester Creek. Major features of the overall project include: fish passage through a railroad embankment, creation of an intertidal channel and unobstructed fish access to Westchester Lagoon.

Fish passage to Chester Creek is currently extremely poor and the value of spawning habitat is low. Chester Creek Aquatic Habitat Restoration is the key restoration project identified within the Chester Creek system. The desired outcome is to restore fish passage at a minimum of 90% passage at all anticipated flow rates. The project will be designed to meet or exceed this objective and also significantly improve the value of spawning habitat.

The MOA will improve fish passage at the Chester Creek outfall to the Knik Arm of Cook Inlet. The Chester Creek Aquatic Ecosystem Restoration Project has two phases: Phase one: utility relocation/partial channel construction, and; Phase two: channel restoration with a culvert installation to restore the Chester Creek channel allowing for increased fish passage.

The current fish passage system is entirely inadequate - allowing for minimal fish passage through a 320- foot long culvert at 2.5% slope and a steep fish ladder from Westchester Lagoon Weir. The outfall is constructed of two - eighty four inch diameter culverts but these culverts have not worked successfully - presenting a significant fish passage barrier that adversely affects salmonid access to Chester Creek. Limited fish passage through the culverts occurs only on high tides and the length, slope and the high flow rates within the culverts and abrupt salinity changes all contribute to inadequate fish passage.

Phase one will include design and relocation of a 10 inch Tesoro Gas Line, 30 inch and 42 inch Sanitary Sewer main lines which cross immediately upstream of the existing outfall culverts, removal of 40 feet of the existing outfall culverts and design and construction for the restoration of approximately 70 feet of the stream channel.

Aircraft Services International Group (ASIG, formerly AFSC) will be required to relocate their 12" fuel line in this area.

Phase two of the project will be addressed under a separate Statement of Work.

Methods/Modeling

The project methodology and modeling will be determined by the engineering consultants within the design study and design phases. The consultants will develop the requirements and operation plan in response to working with required agencies. The MOA - PM&E will provide the utility relocation and channel designs to ADF&G for review and comment. The Creeks Manager will provide additional project oversight and communication to the MOA creeks committee and the Mayor's Watershed Task Force.

Results/Deliverable Products

Phase one deliverables include relocation of the utilities in conflict and construction of 70' of channel. Phase two- construction will design and construct new channel improvements and install a new culvert for adult in-migration and juvenile out-migration of salmon in the Chester Creek channel. Phase two of the project will be addressed under a separate Statement of Work.

Project Milestones and Timelines

Phase One - Utility Relocation

Design Study/Pre-PS&E Design	2/06
PS&E Design	2/06
Phase One Construction	5/06-9/06
Phase One Closeout	10/06-5/07

Phase Two – Design/Construction Channel and Culvert (*to be completed as a separate SOW*)

Pre-PS&E Design	8/06
PS&E Design	12/06
Phase Two Construction	5/07-9/07
Phase One Closeout	10/07-5/08

Reporting

The MOA will provide semi-annual and performance reports and a final report to ADF&G in the format provided in accordance with the following schedule:

Semi-annual Reports

July 15 – Report of activity from January 1 through June 30

January 15 – Report of activity from July 1 through December 31

Final Report

The final report for this project shall be submitted no later than 30 days following completion date. All related paper, reports and information shall be submitted with the final report. Final payment shall be made upon receipt and acceptance of the final report.

Performance Reports

Provide annual performance metric data. This project is federally funded via the Pacific Coastal Salmon Recovery Fund (PCSRF), a program of the National Marine Fisheries Service (NMFS). Working collaboratively with NMFS and the other recipients of these funds, Alaska has developed a set of performance metrics. The metrics are designed to provide information to interested parties as to the effectiveness of the programs, and to address concerns regarding results from the appropriations.

Once per year, generally in the fall, contractor will be provided a performance metric template by ADF&G, and will answer the appropriate questions to the best of his ability within the time requested.

APPENDIX D

FINANCIAL CONSIDERATIONS

The total amount of this contract is not to exceed \$2,237,000.00. The MOA shall be compensated in accordance with the following budget. The MOA will be reimbursed only for the cost of work it has actually completed and which ADF&G has approved. Reimbursement will be made within 30 days of receipt and approval, by ADF&G, of a request for reimbursement. All requests for reimbursement shall be adequately documented. Documentation may include copies of materials invoices, payroll ledgers, equipment logs, contract payments, etc.

	FY 06	FY 07	Total
100 Personnel	46,250	106,000	152,250
200 Travel			
300 Contractual	202,250	1,882,500	2,084,750
400 Supplies			
500 Equipment			
Total Direct Costs	248,500	1,988,500	2,237,000

Budget Narrative

MOA Personnel- AWWU will have a Project Manager providing oversight for the AWWU relocation work. PM&E will have project management oversight for utility relocation coordination, Tesoro oversight and public involvement coordination.

Contractual - AWWU has design support from Steph Engineering. Steph Engineering will study, design and provide construction inspection services for the required relocation work for the AWWU. AWWU will provide bid documents and utilize the MOA purchasing process to contract with a Contractor to relocate the existing sewer facilities.

Tesoro will have a design consultant design the directional boring relocation. Tesoro will also contract with a Preferred Contractor to execute the relocation of their 10" fuel line.

Interfluve, Inc. will design 70 feet of channel improvements reporting to Project Management and Engineering and coordinating with Steph Engineering for inclusion with AWWU's design documents.

Budget Detail - Phase I - Chester Creek Aquatic Restoration Project

AWWU 30 & 42" Force Main

Relocation

AWWU Proj. Management/Inspection	52,954
AWWU Cont. Design	253,792
AWWU Cont. Construction	1,272,764
	<u>1,579,510</u>

Tesoro 10" fuel line relocation

Tesoro Project Management	36,100
Tesoro Design/Permit	75,800
Tesoro ROW	10,000
Tesoro Materials	51,000
Tesoro Construction	626,700
Tesoro Ops Support	33,800
Tesoro Contingency	166,600
Tesoro Subtotal	<u>1,000,000</u>

Inter-Fluve 70' Channel Design

Interfluve	24,980
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MOA

Project Mgmt/Inspection	70,000
OMB @ 2%	53,490
	<u>123,490</u>

Subtotal All Parties	2,727,980
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Fund Sources-Chester Creek Phase I

USFWS Grant Agreement 701815K412	\$233,000
MOA Matching Funds - Bonds	\$233,000
MOA 2000 ARDSA Bonds	\$24,980
Salmon Restoration Funds	\$2,237,000

FY02 NOAA/ADF&G PCSRF -	\$1,941,758
FY03 NOAA/ADF&G PCSRF -	\$150,000
FY04 NOAA/ADF&G PCSRF -	\$145,242

Content Information**Content ID :** 003808**Type:** AR_FundsApprop - Funds Approp Resolution

Title: Resolution to Accept and Appropriate Grant Funds from Alaska Department of Fish & Game to Project Management & Engineering within the Areawide General CIP Fund 401 for Phase I of Chester Creek Aquatic Ecosystem Restoration (\$2,237,000)

Author: rerkosp**Initiating Dept:** PME_Projects

Description: Resolution to Accept and Appropriate Grant Funds from Alaska Department of Fish & Game to Project Management & Engineering within the Areawide General CIP Fund 401 for Phase I of Chester Creek Aquatic Ecosystem Restoration (\$2,237,000)

Date Prepared: 3/23/06 2:28 PM**Director Name:** Howard C. Holtan**Assembly****Meeting Date** 4/11/06**MM/DD/YY:****Public Hearing****Date MM/DD/YY:** 5/2/06 .**Workflow History**

<u>Workflow Name</u>	<u>Action Date</u>	<u>Action</u>	<u>User</u>	<u>Security Group</u>	<u>Content ID</u>
FundsAppropWorkflow	3/23/06 2:31 PM	Checkin	rerkosp	Public	003808
FundsAppropWorkflow	3/23/06 2:42 PM	Reject	holtanhc	Public	003808
FundsAppropWorkflow	3/23/06 3:14 PM	Checkin	rerkosp	Public	003808
PME_Projects_SubWorkflow	3/24/06 10:02 AM	Approve	hansenjw	Public	003808
FundsAppropWorkflow	3/24/06 10:20 AM	Reject	holtanhc	Public	003808
FundsAppropWorkflow	3/24/06 2:32 PM	Checkin	rerkosp	Public	003808
PME_Projects_SubWorkflow	3/24/06 4:11 PM	Approve	hansenjw	Public	003808
PME_Projects_SubWorkflow	3/24/06 4:18 PM	Approve	holtanhc	Public	003808
OMB_SubWorkflow	3/24/06 4:49 PM	Approve	holmesba	Public	003808
Finance_SubWorkflow	3/31/06 9:10 AM	Approve	sinzje	Public	003808
MuniManager_SubWorkflow	3/31/06 11:21 AM	Approve	leblancdc	Public	003808
MuniMgrCoord_SubWorkflow	3/31/06 1:18 PM	Approve	abbottmk	Public	003808

2006 MAR 31 PM 4:24
CLEANS OFFICE

M.D.A.

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