

Requested by: Public Works
Prepared by: Public Works
Adopted: July 14, 2008

Vote: Massie, Menard, Metiva and Woodruff in favor; Holler and Larson absent

**CITY OF WASILLA
RESOLUTION SERIAL NO. 08-25**

A RESOLUTION OF THE WASILLA CITY COUNCIL AUTHORIZING THE MAYOR TO EXECUTE A GRANT AGREEMENT IN THE AMOUNT OF \$724,500 WITH THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR THE MISSION HILLS WATER MAIN EXTENSION.

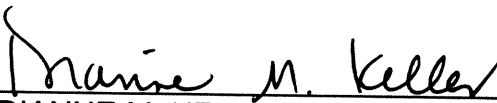
WHEREAS, the State of Alaska Department of Environmental Conservation (ADEC) has FY09 funding available in the amount of \$724,500 for the Mission Hills Water Main Extension, and

WHEREAS, the City of Wasilla must formally apply for the grant and hereby agrees to the terms and conditions of the grant, and adhere to any governing state regulations, and

WHEREAS, the City of Wasilla agrees to operate and maintain the completed project constructed with said grant.

NOW THEREFORE BE IT RESOLVED by the Wasilla City Council authorizes the Mayor to execute a grant agreement with the ADEC in the amount of \$724,500 accepting the conditions of the grant agreement.

ADOPTED by the Wasilla City Council on July 14, 2008.



DIANNE M. KELLER, Mayor

ATTEST: 

KRISTIE SMITHERS, MMC
City Clerk

[SEAL]




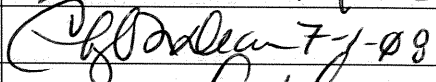
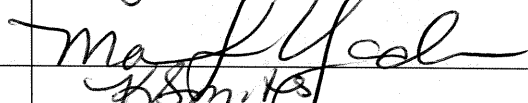

**CITY OF WASILLA
LEGISLATION STAFF REPORT**

RE: RESOLUTION SERIAL NO. 08-25

A RESOLUTION OF THE WASILLA CITY COUNCIL AUTHORIZING THE MAYOR TO EXECUTE A GRANT AGREEMENT IN THE AMOUNT OF \$724,500 WITH THE STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR THE MISSION HILLS WATER MAIN EXTENSION PROJECT.

Agenda of: July 14, 2008
Originator: Public Works Director

Date: July 1, 2008

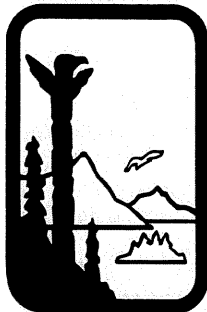
Route to:	Department	Signature/Date
	Police Chief Youth Court, Dispatch, Code Compliance	
	Culture and Recreation Services Director Library, Museum, Sports Complex	
X	Public Works & Recreation Facility Maintenance Director	 7.1.08
X	Finance, Risk Management & MIS Director Purchasing	 7-1-08
X	Deputy Administrator Planning, Economic Development, Human Resources	
X	City Clerk	

REVIEWED BY MAYOR DIANNE M. KELLER:  7/2/08

FISCAL IMPACT: Yes \$724,500 Funds Available yes
Account name/number: Mission Hills/320-4369-436.45-xx
Attachments: Grant Application and CIP Detail Sheet

SUMMARY STATEMENT: This resolution authorizes the mayor to accept and execute a grant amendment with the Alaska Department of Environmental Conservation in the amount of \$724,500 for the Mission Hills Water Main Extension. This grant will fund up to 70 percent of the project. The balance of the project is funded through an Alaska Department of Commerce Community and Economic Development grant in the amount of \$500,000.

RECOMMENDED ACTION: Council is requested to adopt the resolution accepting the State of Alaska Department of Environmental Conservation Municipal Matching Grant in the amount of \$724,500 for the Mission Hills Water Main Extension..



**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

GRANT APPLICATION

The attached application is to be completed by communities who have received funding through the legislature, and are eligible to apply for a State of Alaska, Department of Environmental Conservation (ADEC) Municipal Matching Grant. This grant can be used to assist with planning, design, and construction costs related to: water quality enhancement; water supply, treatment and distribution; wastewater collection, treatment, or discharge; solid waste processing, and disposal or resource recovery projects.

Under changes to Alaska Statute (A.S.) 46.03.030, construction projects funded through appropriations made by the legislature after July 1, 1994 can receive grants varying from 50% to 85% of eligible project costs. Funding up to 85% of eligible costs will be allowed for communities with less than 1,000 persons. For 1,001 to 5,000 persons, 70% funding is possible, with 50% grants for communities over 5,000 persons. In addition, after July 1, 1994 the local match required for this program can include federal funds, but disallows the use of Department of Administrative A.S. 37.06 monies as match to ADEC Municipal Matching Grants.

To apply for an ADEC Municipal Matching Grant, please complete the attached application form and submit it to either:

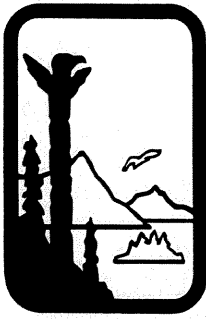
Alaska Department of Environmental Conservation
Facility Construction & Operation
Municipal Grants & Loans
555 Cordova Street
Anchorage, AK 99501-2617
(907) 269-7502

or

Alaska Department of Environmental Conservation
Facility Construction & Operation
Municipal Grants & Loans
410 Willoughby Avenue, Suite 105
Juneau, AK 99801-1795
(907) 465-5180

All the established program procedures and eligibility conditions are detailed in both Alaska Statute 46.03.030 and under Construction Grants Regulation 18 AAC 73. For further information please write or call the office located nearest to you.

Upon receipt of a completed application form, the Department will review the application and determine project eligibility or request additional information. If the Department certifies the project as grant eligible, and funding is available, a formal grant offer will be extended to a community for signature and formal acceptance.

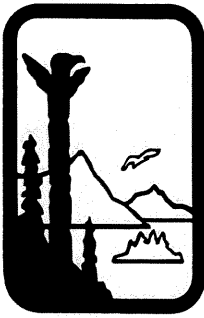


**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

SCHEDULE OF ATTACHMENTS

The following "ATTACHMENTS" shall be included as part of the completed grant application, when required or as applicable, to fully describe the project:

- A. A brief narrative statement describing the project, discussing the need for the facility and the benefits to be received. This narrative should discuss the location and scope of the project, the number of people and lots benefiting, the existence and/or condition of present water and sewerage services, the adequacy of existing water supplies and sewage treatment facilities to handle increased demand and, if the project consists of service line extensions, whether this is an existing or future need, and any other data pertinent to the project.
- B. A set of engineering plans and specifications, if they are prepared at the time the grant application is submitted. If plans are not completed, provide the estimated date of submission and a plot plan showing the location of the proposed project. If the plans and specifications have been previously approved by the Department, please provide a copy of the approval letter.
- C. Copies of grant applications or notices of grant awards from other state or federal agencies participating in project funding.
- D. For waterbody enhancement or protection projects, a program plan needs to be completed which describes the project to be funded; why the project is needed; how the project will enhance or protect the waterbody or waterbodies involved; how the project will be accomplished; an estimate of the costs for the project, along with a projection of future costs caused by or related to the project; and the specific results expected from the project.
- E. If work is to be done on a force account basis, all labor positions and equipment rates must be submitted for approval. Department provided "Force Account Approval" forms, and a listing of equipment descriptions and rates should be completed.
- F. A copy of the applicant's contract with the engineering firm designing or supervising construction of the project.
- G. An itemized construction cost estimate.
- H. A list describing and providing justification for any new equipment to be purchased.
- I. An itemized list of any other costs.



**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

GRANT APPLICATION FORM

GENERAL INFORMATION

Name of Community City of Wasilla

Address 290 E. Herring Ave
Wasilla, Alaska 99654

Contact Name Archie Giddings Title Public Works Director Telephone (907)373-9018

PROJECT INFORMATION

Project Name Mission Hills Water Main Extension Location Wasilla

Application Type: Initial Revised

Project Type: Water Sewer Solid Waste Water Quality Enhancement

Number of Lots 100 and Persons 250 benefiting from this Project.

Estimate Construction Period: Start July 1, 2008 Finish October 31, 2008

Description of Project.

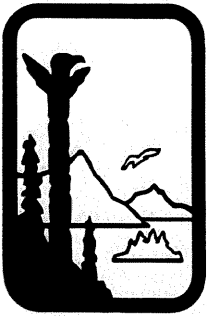
This project is intended to extend the City's municipal water system approximately one-half mile west to Mission Hills Subdivision. Mission Hills is a subdivision with over 100 homes that are served by a community well that has exceeded arsenic levels. The main line extension will provide a new water source (Bumpus Reservoir) that has water quality meeting ADEC Standards. This project is proposed to be constructed with 12-inch ductile iron pipe buried 10 feet deep along a section line using heavy equipment. A bored casing will be used under Church Road. Water services and fire hydrants will be installed at selected locations.

ASSISTANCE AMOUNT

Estimated Total Project Costs \$ 1,224,500 ADEC Participation in Costs 59 %
Amount of Grant Funds requested from ADEC \$ 724,500

Please identify all source(s) of funding that the Grantee will use for project costs. If other state grants are to be used as a match, please attach a copy of the grant (DOA etc.)

State of Alaska DCCED \$500,000



**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

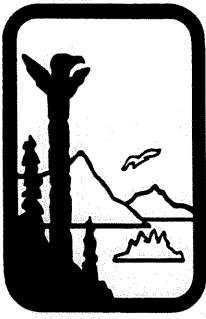
GRANT APPLICATION FORM

PROJECT CERTIFICATION

The applicant, through its authorized representative, certifies to the best of its knowledge and belief that the data contained in this application is true and correct, and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Archie Giddings, _____ Public Works Director _____ 6-8-08 _____
Typed Name Title Date

Signature

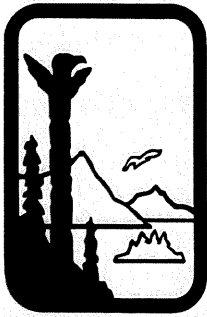


**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

PROJECT COST SUMMARY

COST CLASSIFICATION	TOTAL ESTIMATED PROJECT COSTS	REQUIRED ATTACHMENT
ELIGIBLE COSTS:		A, B, D or G
1. Administrative Expenses ¹	5,000	-
2. Planning Reports and Feasibility Studies		E or F
3. Waterbody Enhancement or Protection		D, E or F
4. Engineering Design Fees ²	67,500	E or F
5. Construction Engineering & Management ²	75,000	E or F
6. Construction ²	700,000	E or G
7. Equipment		H
8. Other Costs ³ <small>City Inspector</small>	10,000	I
9. Project Contingencies	367,000	-
10. SUBTOTAL (Lines 1-9)	1,224,500	
11. Amount of Line 10 provided by applicant	0	
12. Amount of existing ADEC Grant or ADWF Loan	0	
13. Amount of Line 10 currently requested from ADEC		
INELIGIBLE COSTS:		
14. Land & Easement Acquisition Costs	0	
15. Interest and Finance Charges	0	
16. Grant Application & Other Ineligible Costs	0	
17. SUBTOTAL (Lines 14-16)	0	
19. TOTAL PROJECT COSTS (Lines 10 plus 17)	1,224,500	

1. Eligibility of expenses is limited to direct costs incurred as a result of the project such as telephone charges, photocopying costs, and advertising expenses.
2. Requests for approval of force account rates must be supported by "FA Approval Forms" and must follow procedures established in 18 AAC 73.010 (g) (2).
3. The cost of land when used as an integral part of a treatment process, such as spray irrigation and solid waste landfill sites, may be considered grant eligible.



**STATE OF ALASKA
ADEC MUNICIPAL MATCHING GRANTS**

FORCE ACCOUNT APPROVAL FORM

This form presents force account expenses. You are under no obligation to claim all costs or to fill out the entire form. Sections A, B, G and H must be completed for each job classification. However, sections C, D, E and F are provided to assist you in computing your force account expenses and are not required. In addition, a list of equipment and charge rates for any city owned equipment which will be charged to the project will need to be submitted for eligibility consideration.

Job Classification: City Inspector Project Name Garden Terrace Water Extension

A. Calculate Monthly Workhours

Working Hours Per Month = average 240 hours per month during construction season
(work hours per week x 52 weeks per year divided by months per year)

B. Calculate Hourly Pay Rate

Monthly Pay Rate Ranges from \$ 7,200.00 to \$ 10,800.00
Hourly Pay Rate Ranges from \$ 45.00 to \$ 67.50 (w/overtime)
(monthly pay rate divided by working hours per month = Pay Rate Per Hour)

C. Calculate Hourly Benefit Rate

Alaska Supplemental Benefit System (SBS)	6.130 %
Workers Compensation (W/C)	0.0093 %
Retirement Contribution (PERS)	0.0 %
Unemployment Insurance (ESC)	1.600%
Medicare	1.450%
Total Benefits Percentage	9.1893 %

Hourly Benefit Rate Ranges from \$ 4.14 to \$ 6.20
(hourly pay rate x total benefits percentage = Hourly Benefit Rate)

D. Calculate Hourly Insurance Rate: NOT APPLICABLE

Hourly Insurance Rate from \$ _____ to \$ _____
(total insurance benefits divided by working hours per month = Insurance Rate Per Hour)

E. Calculate Hourly Leave Rate: NOT APPLICABLE TO THIS POSITION

Vacation Leave days per month ranges from _____ days to _____ days

Sick Leave days per month ranges from _____ days to _____ days

Leave Hours Per Month Ranges From _____ hours to _____ hours
(vacation plus sick leave days per month x working hours per day = Leave Hours Per Month)

Leave Rate Per Hour Ranges from \$ _____ to \$ _____ hours
(pay rate per hour x leave hours per month divided by working hours per month = Leave Rate Per Hour)

F. Calculate Hourly Holiday Rate

Paid Holidays Per Year = 11 days

Holiday Rate Per Hour Ranges from \$ 45.00 to \$ 45.00
(paid holidays per year divided by 12 months divided by working hours per month x working hours per day x pay per hour = Holiday Rate Per Hour)

G. Calculate Hourly Charge Rate

	Hourly Low Rate	Hourly High Rate (with overtime)
Pay Rate	\$ 45.00	\$ 67.50
Benefit Rate	\$ 4.14	\$ 6.20
Holiday Rate	\$ 45.00	\$ 45.00
Total:	\$ 49.14	\$ 73.70

H. Certification

Based on the details shown above, we request approval of a low rate of \$49.14 per hour, and a high rate of \$ 73.70 per hour inclusive for all employees in this job classification engaged in force account work for the subject grant.

Signature

Public Works Director
Title

June 8, 2008
Date



CITY OF WASILLA

Public Works Department
290 East Herning Avenue, Wasilla, Alaska 99654-7091
Telephone (907) 373-9010 Fax (907) 373-9011

STATE OF ALASKA ADEC MUNICIPAL MATCHING GRANTS

MISSION HILLS WATER MAIN EXTENSION NARATIVE STATEMENT

Project Need. This project is intended to extend the City's municipal water system approximately one-half mile west to Mission Hills Subdivision. Mission Hills is a subdivision with over 100 homes that are served by a community well that has exceeded arsenic levels. The main line extension will provide a new water source (Bumpus Reservoir) that has water quality meeting ADEC Standards.

Project Goals. The Mission Hills community water system is owned and operated by the City of Wasilla. The water system is located within the City's certificated utility service area. The goal is to connect the community water system to the City's Bumpus Reservoir facility and maintain the community well as emergency backup to correct the arsenic problem.

Project Location: The project is located near the west boundary of the City limits crossing under Church Road. The Bumpus main line runs south along Kimberly avenue where the original project provided a stub-out for Mission Hills. The main line extension begins at Kimberly Street and will be constructed due west along a section line to Mission Hills Subdivision.

Project Schedule: The route has been surveyed and design is complete. The project has been bid, and the low bid has been accepted. The project is scheduled to begin in July, 2008 and be completed by October 31, 2008.

Construction Type: This project is proposed to be constructed with 12-inch ductile iron pipe buried 10 feet deep along a section line using heavy equipment. A bored casing will be used under Church Road. Water services and fire hydrants will be installed at selected locations.

Permits Required: This work requires a permit authorization from the Alaska Department of Transportation for work in their right-of-way, and ADEC construction approval. These permits have been obtained. A stormwater pollution prevention plan will be required as part of the construction contract. No other permits are required.

City Of Wasilla
 Capital Improvement Project Detail
 Fiscal Year 2009
 Through Fiscal Year 2013

Project Title:

Project Number:
 (Assigned By Finance Department)

Project Description:

Department/Div.:

Ranking:
 (Assigned By Administration)

Project Narrative:

This project will extend the water utility west to Mission Hills subdivision. This subdivision is on its own well and storage tank, and it is owned and operated by the City. This system has low level arsenic in the water that currently meets drinking water standards. However, if the standard is reduced, then the water would need to be treated for arsenic. The Bumpus Well and Reservoir were designed to serve this subdivision to avoid potentially having to treat the Mission Hills well water. This project will also provide fire flow to the residents.

Impact on Operating Budget:

Maintenance on the new valves and hydrants will be offset by taking the Mission Hills well offline and making it a standby well only.

Project Cost Summary

Expenditure Category:

	Prior Budget	Project Expenditures To Date	Project Balance	Additions					Total CIP Cost
				Fiscal YR 2009	Fiscal YR 2010	Fiscal YR 2011	Fiscal YR 2012	Fiscal YR 2013	
Administration/OH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land	-	-	-	-	-	-	-	-	-
Design Services	-	-	-	-	-	-	-	-	-
Engineering	125,000	-	125,000	125,000	-	-	-	-	250,000
Construction	375,000	98,132	276,868	599,500	-	-	-	-	974,500
Equipment	-	-	-	-	-	-	-	-	-
Other Services	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Totals	\$ 500,000	\$ 98,132	\$ 401,868	\$ 724,500	\$ -	\$ -	\$ -	\$ -	\$1,224,500

Funding Source Summary

Funding Sources:

	Prior Budget	Project Revenue To Date	Project Balance	Additions					Total CIP Funding
				Fiscal YR 2009	Fiscal YR 2010	Fiscal YR 2011	Fiscal YR 2012	Fiscal YR 2013	
State:									
Legislative Grant	\$ 500,000	\$ -	\$ 500,000	\$ 724,500	\$ -	\$ -	\$ -	\$ -	\$1,224,500
Totals	\$ 500,000	\$ -	\$ 500,000	\$ 724,500	\$ -	\$ -	\$ -	\$ -	\$1,224,500

Cost Beyond 5-Year

Program:

SFY 2009 - Governor's Proposed Budget
DEC Municipal Water, Sewerage and Solid Waste Matching Grants
Prioritized Listing of Projects and Associated Costs

This priority list represents DEC water and wastewater improvement project priorities as a whole per state and federal funding prioritization guidelines. In addition, the capital budget includes Engineering, Management and Travel (EMT) costs associated with Department administration, which were not included in the original project request.

Community	Description	SCORE	Community Request	Proposed - FY2009 Capital Budget		
				Federal Funds	State Funds	Total (w/EMT)
Homer	Water Treatment Plant Upgrade	1035	1,200,000			1,236,000
City of Petersburg	Water Treatment Plant Upgrades Project - Phase 3	1010	1,200,000	927,000	309,000	1,236,000
City & Borough of Juneau	West Mendenhall Valley Sewer Expansion, Phase 2	940	1,085,000			1,117,550
City & Borough of Juneau	North Douglas Sewer Expansion, Phase 3	940	1,217,000			1,253,510
City of Palmer	Palmer Steel Water Main Replacement, Phase VI	910	1,329,896			1,369,793
Kenai	New Water Transmission Main (Ph. II) Wellhouse	885	675,000			698,625
City and Borough of Juneau	East Valley Reservoir/Jordan Creek Rehab Project	840	405,000			419,175
Haines Borough	Replace Barnett Drive Pump Station	815	340,000	263,925	87,975	351,900
City of Unalaska	WWTP Upgrade and Leachate Treatment	810	2,000,000	1,545,000	515,000	2,060,000
Wasilla	Mission Hills Water Extension	790	700,000			724,500
City of Kodiak	Aleutian Homes Water and Sewer Replacements Ph. 4	785	1,260,000			1,297,800
CITY OF NOME (d/b/a Nome Joint Utility System)	Water & Sewer Infrastructure Improvements-Phase V	785	2,000,000	1,545,000	515,000	2,060,000
Fairbanks	Wastewater Treatment Plant Clarifier Rehabilitation	765	884,400			915,354
Matanuska Susitna Borough	Central Landfill Expansion Phase IIIB	765	1,000,000			1,035,000
City of Soldotna	Funny River Phase II	760	1,775,900			1,829,177
City of Palmer	Wastewater Treatment Plant Improvements Design	740	143,750			148,781
AAWU, A Public Corporate Authority of the MOA	Asplund WWTF Disinfection Upgrade	740	2,000,000			2,060,000
City of Kodiak	UV Secondary Water Treatment Facility	735	2,000,000			2,060,000
City of Palmer	Palmer Southwest Utility Extension, Phase II	735	1,715,150			1,766,605
CITY OF NOME (d/b/a Nome Joint Utility System)	Moonlight Springs Transmission Line Upg/Rep-Ph I	710	2,000,000	1,545,000	515,000	2,060,000
Fairbanks North Star Borough	Pioneer Parks Water and Sewer Enhancement	690	1,000,000			1,035,000

TOTAL BUDGETED REQUESTS

25,931,096

26,734,770