



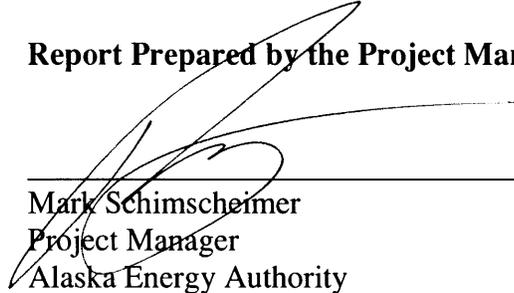
Denali Commission Project Close out

Cheformak Bulk Fuel Upgrade
Alaska Energy Authority
Project # 240105



Please attach the final narrative and financial reports to this coversheet. This report must be submitted within 90 days of the end of the award performance period or 90 days after the scope of work has been completed, whichever is earlier.

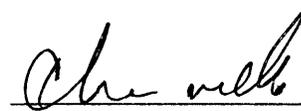
Report Prepared by the Project Manager for the Alaska Energy Authority:



Mark Schimscheimer
Project Manager
Alaska Energy Authority

10/30/03
Date

Recommended by Authorized Representative for the Alaska Energy Authority:



Christopher Mello
Program Manager
Alaska Energy Authority

10-31-03
Date

Recommended by Denali Commission Project Manager:

Kathy Prentki
Project Manager
Denali Commission

Date

Approved by the Denali Commission Chief of Staff:

Al Ewing
Chief of Staff
Denali Commission

Date

Denali Commission Internal Use Only	
Financial Assistance Award Amount	
Total Transferred to Recipient	
Balance to be De-Obligated	

Chefornak Bulk Fuel Upgrade Closeout Summary

Background

The Chefornak Bulk Fuel Facility provides bulk fuel storage for nearly all bulk fuel users within the community. Diesel as well as gasoline storage tanks are included as part of the scope of this project. The Chefornak bulk fuel storage facility provides diesel fuel storage for the City of Chefornak, the Lower Kuskokwim School District (LKSD) and the Chefarnmute Native Corporation (CNC). The facility also provides gasoline storage for the CNC.

The project constructed a tank farm with three cells and a marine fill header system. A dispensing station was also constructed to provide diesel and gasoline dispensing capabilities to the community.

The LKSD cell of the tank farm contains two refurbished vertical tanks each capable of storing approximately 40,000 gallons of diesel fuel. The combined gross diesel fuel storage capacity for the LKSD is approximately 80,000 gallons.

The City cell contains one 10,000 gallon refurbished horizontal, three refurbished vertical tanks with diesel storage capacities of 14,000, 13,500, and 8,000 gallons respectively and one new 10,000 gallon diesel storage tank. The combined gross diesel storage capacity for the City cell is approximately 55,500 gallons.

The CNC cell contains three refurbished vertical tanks with diesel storage capacities of 5,800, 5,800 and 6,000 gallons respectively. The CNC cell also contains two refurbished horizontal tanks and two new horizontal tanks with 15,000, 10,000, 15,000 and 15,000 gallons of diesel fuel storage capacity respectively.

Gasoline storage is also provided in the CNC cell of the tank farm. The CNC cell contains three refurbished horizontal tanks with tank #4 capable of storing 8,000 gallons and the tanks #5 and 6 each capable of 10,000 gallons of gasoline. Two new horizontal tanks and a dual product dispensing tank are also located in the CNC cell. Tank #15 and 16 each have capacity for 15,000 gallons of gasoline and the 4,000 gallon dispensing tank is capable of storing 2,000 gallons of diesel fuel and 2,000 gallons of gasoline. The combined gross diesel fuel storage capacity for the CNC cell is approximately 72,600 gallons. The combined gross gasoline storage capacity for the CNC cell is approximately 58,000 gallons.

The marine header pipeline begins at the dispensing station and runs generally in a northwest direction to the tank farm facility. The overall pipe run contains two 3-inch fill lines, one for gasoline and the other for diesel fuel, and two 2-inch dispensing lines that run fuel back from the tank farm to the dispenser. An additional two 2-inch lines branch off from the pipes and feed the two City remote tanks and the LKSD remote tanks.

The gross diesel fuel storage capacity supplied by this project for the community is 198,100-gallons. The net storage capacity at 90% of the gross capacity is 178,290-gallons. The gross

gasoline storage capacity supplied by this project is 68,000-gallons. The net gasoline storage capacity at 90% of the gross capacity is 61,200-gallons.

Activities:

The Chefnak bulk fuel storage facility provides diesel fuel storage for the City of Chefnak, the Lower Kuskokwim School District (LKSD) and the Chefnamute Native Corporation (CNC). The facility also provides gasoline storage for the CNC.

The Construction Manager was STG, Inc. The designer was URS.

The Project Manager for this project is gone, as are most of the related construction documentation.

Cost Containment:

Total Project Budget (rounded)	\$3,187,605
Total Project Costs (Rounded As of 9/30/03)	\$3,187,605
Less CDR & BOP expenditures	<u>\$70,000</u>
Completed Cost Containment Project Value	\$3,117,605

Design Shell Capacity (gallons)	266,100
Completed Shell Capacity (gallons)	266,100
Completed capacity equaled design capacity.	

Cost per Gallon	\$11.72
Denali Commission benchmark range	\$8.50 - \$9.50/gallon

At the time of construction this project did not have to meet Denali Commission cost containment goals.

Project Outcomes:

New facilities meet current regulations and codes. A coordinated set of regulatory plans were prepared, which included EPA SPCC plan, Coast Guard Operations Manual, and EPA/Coast Guard Facility Response Plan.

Problems Encountered:

Geotechnical problems were encountered during construction, the project should probably not have been an earth fill, but a pile dike style.

Conclusions and Recommendations:

See above.

PJ TYPE BULK FUEL
 PROJECT No. 340105
 DATE 01/01/01..10/31/03
 ENTRY NO. 00001..1000000
 ACCOUNTS 70000..77999
 PROJECT TITLE **Chefornak BFU**

PROJECT COSTS

NON GRANT COSTS
 ="73150" AEA STAFF 5,733
 72000..72999 TRAVEL 780
 CONTRACTUAL
 ="73120" DESIGN 0
 73000..73999 CM SERVICES&OTHER 486,557
 74000..76999 MATERIALS 9,542
 0
 502,613

COMMUNITY GRANTS

"77510" CM LABOR 0
 ="77515" FA LABOR 0
 ="77520" TRAVEL 0
 ="77530" CONTRACTUAL 2,092,535
 77535..77540 FREIGHT 14,529
 ="77550" MATERIALS 35,549
 ="77560" EQUIPMENT 0
 ="77570" LAND 0
 2,142,613

TOTAL PROJECT COSTS

2,645,226

PROJECT FUNDING

"31001" DENALI COMMISSION 738,950
 33001 OTHER DEC RSA 0
 ="00000" STATE FUNDS 589,637
 T2963 COMMUNITY GRANTS 0
 31021..31024 OTHER-EPA 1,316,640
 2,645,226

Other Trust contributions
 (OVER) UNDER FUNDED

2,645,226
 0

	B	C	A=B+C
	Actual	Balance Encumbrance	
	5,733	0	
	780	0	
	486,557	0	
	9,542	0	
	0	0	
	502,613	0	
	0	0	
	0	0	
	0	0	
	2,092,535	0	
	14,529	0	
	35,549	0	
	0	0	
	0	0	
	2,142,613	0	
	2,645,226	0	
	738,950	0	
	0	0	
	589,637	0	
	0	0	
	1,316,640	0	
	2,645,226	0	

542,000
3,187,226

NOTICE OF PROJECT COMPLETION

ALASKA ENERGY AUTHORITY

Date: September 4, 2002

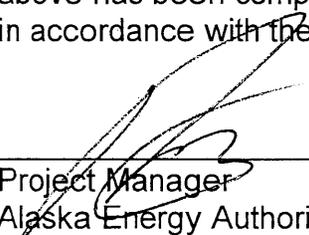
Project Name Chefornak Bulk Fuel Upgrade

Contracting Party Chefornak Traditional Council

Authority Contract No. 2185030

Agreement Execution Date November 18, 1997

The ALASKA ENERGY AUTHORITY acknowledges that the Project referenced above has been completed, and that all tasks have been satisfactorily carried out in accordance with the terms and conditions of Agreement No. 2185030.



Project Manager
Alaska Energy Authority

9-4/02

Date

The Chefnak Traditional Council certifies that the Project named above is complete in accordance with the terms and conditions of Authority Agreement No. 2185030.

The Chefnak Traditional Council acknowledges that all expenses incurred under the Agreement have been paid in full, and no further claims for reimbursement can be made.

Oscar Wassilie
Authorized Signature

OSCAR Wassilie
(Name Printed)

President
(Title)

10/4/02
Date

Fiscal Officer Signature

(Name Printed)

(Title)

Date