

Submitted by: Chair of the Assembly at the
Request of the Mayor
Prepared by: Anchorage Fire Dept
For Reading: September 28, 2010

CLERK'S OFFICE

APPROVED

ANCHORAGE, ALASKA

Date: 10-12-10 AR NO. 2010-272

1 **A RESOLUTION OF THE MUNICIPALITY OF ANCHORAGE AUTHORIZING**
2 **THE SOLID WASTE SERVICES DEPARTMENT TO APPLY FOR A GRANT**
3 **FROM THE STATE OF ALASKA ENERGY AUTHORITY TO FUND THE**
4 **DESIGN AND CONSTRUCTION OF A LANDFILL GAS PROJECT AT MERRILL**
5 **FIELD TO PROVIDE HEAT TO THE FIRE TRAINING COMPLEX.**

6
7 **WHEREAS**, the Solid Waste Services Department operated the landfill at Merrill
8 Field before its establishment as an airport, and continues to manage the
9 subsurface landfill; and

10
11 **WHEREAS**, the site produces quantities of methane-rich landfill gas as a by-
12 product of waste decomposition, representing a significant renewable energy
13 resource to the Municipality; an existing gas collection system directed to a flare
14 site would support re-direction of this gas to provide heat to the Fire Training
15 Complex; and

16
17 **WHEREAS**, the Anchorage Fire Department operates facilities at the Fire
18 Training Complex, located at the east end of Merrill Field on Airport Heights Road.
19 Facilities in this Complex include the Training Center, new Regional Fire Training
20 Center and Tower, old Training Tower, Station #3, and the AFD Maintenance
21 Shop. Heating systems in these facilities could be supported by landfill gas to
22 offset utility costs for ten to fifteen years; and

23
24 **WHEREAS**, the Maintenance and Operations Department manages the buildings
25 at the Fire Training Complex along with all construction projects related to
26 municipal facilities; and

27
28 **WHEREAS**, Merrill Field manages the commercial service airport at the site of the
29 former landfill. Through cooperative planning, Merrill Field supports the
30 construction of a landfill gas project which will not, with reasonable assurance,
31 obstruct airport operations or infrastructure; and

32
33 **WHEREAS**, The Renewable Energy Fund, established by the Alaska State
34 Legislature in 2008, provides grant funding for the development of renewable
35 energy projects including projects that involve the direct use of landfill gas. The
36 Fund is administered by the Alaska Energy Authority. The current Request for
37 Grant Applications (AEA11-005) is intended to support projects for
38 implementation beginning in Fall 2011; and

39
40 **WHEREAS**, the Solid Waste Services Department plans to apply for grant monies
41 from the Alaska Energy Authority to fund the design and construction of a landfill

42 gas supply system from Merrill Field to the Fire Training Complex and affiliated
43 heating systems for the facilities there; now, therefore,
44


45 **THE ANCHORAGE ASSEMBLY RESOLVES:**
46

47 **Section 1:** The Assembly supports the proposed project and authorizes Solid
48 Waste Services to apply for grant funding through the Alaska Energy Authority.
49 Mark Madden, the Director of Solid Waste Services, or designee, shall be the
50 point-of-contact for the grant application and is authorized to represent the
51 Municipality for the purposes of this application.
52

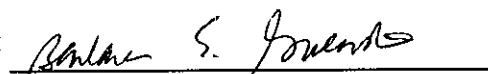
53 **Section 2:** The Municipality of Anchorage is in compliance with all federal,
54 state, and local laws related to existing credit and federal tax obligations.
55

56 **Section 3:** This resolution shall take effect immediately upon passage and
57 approval by the Anchorage Municipal Assembly.
58

59 PASSED AND APPROVED by the Assembly this 12th day of October, 2010.
60

61 
62 _____
63 Chair
64

65 ATTEST:

66
67 
68 _____
69 Municipal Clerk



MUNICIPALITY OF ANCHORAGE

ASSEMBLY MEMORANDUM

No. AM 506-2010

Meeting Date: September 28, 2010

1 **From:** MAYOR

2
3 **Subject:** A RESOLUTION OF THE MUNICIPALITY OF ANCHORAGE
4 AUTHORIZING THE SOLID WASTE SERVICES DEPARTMENT
5 TO APPLY FOR A GRANT FROM THE STATE OF ALASKA
6 ENERGY AUTHORITY TO FUND THE DESIGN AND
7 CONSTRUCTION OF A LANDFILL GAS PROJECT AT MERRILL
8 FIELD TO PROVIDE HEAT TO THE FIRE TRAINING COMPLEX.
9

10 The Municipality of Anchorage, Solid Waste Services Department, retains the
11 expertise and management authority to develop a landfill gas project at Merrill
12 Field, in partnership with Merrill Field Management, to provide heat to the Fire
13 Training Complex operated by the Anchorage Fire Department.
14

15 Application to the State of Alaska Energy Authority's Renewable Energy Grant
16 Program provides the Municipality of Anchorage with an opportunity to use the
17 renewable landfill gas available in the landfill beneath Merrill Field to offset utility
18 costs for heating the Fire Training Complex for ten to fifteen years.
19

20 Funds requested through the Renewable Energy Grant Program are intended to
21 provide infrastructure to connect the existing gas collection system beneath Merrill
22 Field with the facilities located at the Fire Training Center. Funds are also
23 intended for retrofitting the existing heating systems in these facilities to conform
24 with landfill gas use and the adoption of high efficiency boilers and affiliated
25 heating systems where needed.
26

27 Through the use of renewable energy resources, the Municipality of Anchorage is
28 supporting the sustainability of the community with respect to environmental,
29 economic and social considerations. The public benefit from this proposed
30 project includes savings to the Municipal tax base with respect to utility costs for
31 public facilities and use of renewable energy (landfill gas) which reduces demand
32 for natural gas.
33

34 Application to the Renewable Energy Grant Program is intended to dovetail with
35 existing infrastructure at the Fire Training Complex and the future plans for
36 maintaining the facilities and functionality of the site. While no hard match is
37 required to make application, soft matches will support the project through the
38 planned renovation of the heating system in the Anchorage Fire Department

1 Maintenance Shop and the savings in utility expenses over ten to fifteen years for
2 all Fire Training Complex facilities.

3
4 **THE ADMINISTRATION RECOMMENDS APPROVAL OF A RESOLUTION OF**
5 **THE MUNICIPALITY OF ANCHORAGE AUTHORIZING THE SOLID WASTE**
6 **SERVICES DEPARTMENT TO APPLY FOR A GRANT FROM THE STATE OF**
7 **ALASKA ENERGY AUTHORITY TO FUND THE DESIGN AND**
8 **CONSTRUCTION OF A LANDFILL GAS PROJECT AT MERRILL FIELD TO**
9 **PROVIDE HEAT TO THE FIRE TRAINING COMPLEX.**

10
11 Prepared by: Anchorage Fire Department
12 Approved by: Mark S. Hall, Fire Chief, Anchorage Fire Department
13 Concur: Mark Madden, Director, Solid Waste Services
14 Concur: David A. Lundeby, Manager, Merrill Field Airport
15 Concur: Alan Czajkowski, Director, Maintenance & Operations
16 Concur: Dennis A. Wheeler, Municipal Attorney
17 Concur: George J. Vakalis, Municipal Manager
18 Respectfully Submitted: Daniel A. Sullivan, Mayor

Content ID: 009375**Type:** AR_AllOther - All Other Resolutions

A RESOLUTION OF THE MUNICIPALITY OF ANCHORAGE AUTHORIZING THE SOLID WASTE SERVICES DEPARTMENT TO APPLY FOR A GRANT FROM

Title: THE STATE OF ALASKA ENERGY AUTHORITY TO FUND THE DESIGN AND CONSTRUCTION OF A LANDFILL GAS PROJECT AT MERRILL FIELD TO PROVIDE HEAT TO THE FIRE TRAINING COMPLEX.**Author:** pruittns**Initiating Dept:** AFD**Review Depts:** SWS, Merrill, Maint_Op, Legal**Date Prepared:** 9/3/10 12:12 PM**Director Name:** Mark S. Hall, Fire Chief**Assembly Meeting Date:** 9/28/10**Date:****Public****Hearing Date:** 10/12/10

Workflow Name	Action Date	Action	User	Security Group	Content ID
Clerk_Admin_SubWorkflow	9/17/10 9:53 AM	Exit	Joy Maglaqui	Public	009375
MuniManager_SubWorkflow	9/17/10 9:53 AM	Approve	Joy Maglaqui	Public	009375
CFO_SubWorkflow	9/9/10 3:21 PM	Approve	Lucinda Mahoney	Public	009375
CFO_SubWorkflow	9/9/10 9:03 AM	Checkin	Nina Pruitt	Public	009375
Legal_SubWorkflow	9/8/10 3:09 PM	Approve	Rhonda Westover	Public	009375
Maint_Op_SubWorkflow	9/7/10 9:14 AM	Approve	Maury Robinson	Public	009375
Merrill_SubWorkflow	9/7/10 8:23 AM	Approve	David Lundeby	Public	009375
SWS_SubWorkflow	9/7/10 8:09 AM	Approve	Mark Madden	Public	009375
AFD_SubWorkflow	9/3/10 2:28 PM	Approve	Mark Hall	Public	009375
AllOtherARWorkflow	9/3/10 12:19 PM	Checkin	Larry Jones	Public	009375