

**TURNAGAIN COMMUNITY COUNCIL
c/o Federation of Community Councils
1057 West Fireweed Lane, Suite 100
Anchorage, Alaska 99503**

**Turnagain Community Council Resolution Concerning De-Icing
Practices at Ted Stevens Anchorage International Airport**

Whereas, the Turnagain Community Council is a neighborhood organization established under Article VIII of the Municipality of Anchorage's City Charter;

Whereas, the Turnagain Community Council's boundaries include portions of Ted Stevens Anchorage International Airport (TSAIA), includes portions of Lake Hood, and borders on the north side with Spenard Lake within the TSAIA;

Whereas, TSAIA and the air carriers operating at the TSAIA utilize de-icing fluids on aircraft and runways in order to meet Federal Aviation Administration air safety requirements;

Whereas, according to the TSAIA, between 250,000 and 500,000 gallons of deicing fluids are used at the TSAIA each year;

Whereas, these fluids are disposed of into groundwater or into surrounding water bodies through the TSAIA's stormwater system or by direct runoff;

Whereas, according the U.S. Environmental Protection Agency, chemicals commonly used for deicing/anti-icing include ethylene or propylene glycol, urea, potassium acetate, sodium acetate, sodium formate, calcium magnesium acetate, or an ethylene glycol-based fluid known as UCAR (containing ethylene glycol, urea, and water);

Whereas, according to the U.S. Environmental Protection Agency:

a) ethylene and propylene glycol can have harmful effects on aquatic life due to their high biological oxygen demand (BOD) which results in depletion of oxygen, fish kills, noxious odors and undesirable bacterial growth in receiving waters;

b) although pure ethylene and propylene glycols have low aquatic toxicity, ethylene glycol exhibits toxicity in mammals, including humans (with the potential to cause health problems such as neurological, cardiovascular, and gastrointestinal problems, serious birth defects, and even death when ingested in large doses); and

c) ethylene glycol is considered a hazardous air Pollutant;

Whereas, since 1994 Lake Hood and Lake Spenard have been listed on the Department of Environmental Conservation's impaired water bodies list under section 303(d) of the Clean Water Act because of low dissolved oxygen resulting from industrial run-off from the TSAIA;

Whereas, on August 28, 2009, the U.S. Environmental Protection Agency proposed Effluent Limitations Guidelines and New Source Performance Standards for Airport Deicing Operations that would require de-icing fluid recycling, collection or alternative systems;

Whereas, the U.S. Environmental Protection Agency estimates that the implementation of these requirements would reduce chemical oxygen demand de-icing fluid discharges to surface waters adjacent and downstream of airports by 39.9 million pounds per year and would benefit groundwater aquifers;

Whereas, Jet Enviro De-Icing, LLC has proposed the construction of an infrared radiant heat de-icing facility at TSAIA which would reduce by 90% the de-icing fluids needed on aircraft;

THEREFORE, BE IT RESOLVED, that the Turnagain Community Council

1) submits this resolution to the U.S. Environmental Protection Agency in support of the proposed August 28, 2009 Effluent Limitation Guidelines and New Source Performance Standards for Airport Deicing Category;

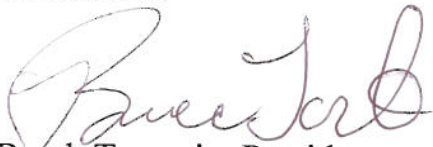
2) urges the Ted Stevens Anchorage International Airport and the air carriers that operate at the Airport to take pro-active measures to reduce de-icing chemicals, including construction of appropriate de-icing recycling/collection systems, infra-red radiant heat deicing

systems, or a combination of these systems in order to eliminate the discharge of harmful deicing fluids to our local waterbodies and aquifers; and

3) commends the efforts of Jet Enviro De-Icing, LLC and its supporting airlines to construct infra-red radiant heat deicing facilities at TSAIA where appropriate.

Adopted this day, December 3, 2009, by the Turnagain Community Council at its regularly scheduled meeting.

Attested to:



Breck Tostevin, President
Turnagain Community Council

Date: 12/3/2009