

Ted Stevens Anchorage International Airport: Glycol Storm Water Treatment Facility **FY2012 Request: \$30,000,000**
Reference No: 51620

AP/AL: Allocation **Project Type:** Construction
Category: Transportation **Contact:** Marc Luiken
Location: Anchorage Areawide **Contact Phone:** (907)269-0730
House District: Anchorage Areawide (HD 17-32)
Estimated Project Dates: 07/01/2011 - 06/30/2018
Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

A storm water treatment facility and/or glycol recycling facility for removing glycol from storm water collected in areas of the airport where aircraft deicing occurs. The project is needed to reduce the amount of glycol discharged from the airport in the storm drainage system. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
Fed Rcpts	\$28,125,000						\$28,125,000
IntAptCons	\$1,875,000						\$1,875,000
Total:	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$30,000,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

Design and construct a facility capable of removing between 100,000 and 400,000 gallons of glycol from storm water annually and capable of future expansion. Plant will either treat storm water to breakdown the glycol or concentrate the glycol for reuse in non-aviation applications. Project includes storage tanks, treatment/recycling plant, and all associated site work and access. Project may also include Glycol Recovery Vehicles for collection of the storm water and/or centralized deicing aircraft pads and associated storm water collection and transport systems.

The EPA recently published draft effluent limitation guidelines (ELGs) which are expected to become regulation in 2011. The exact time Anchorage International Airport (ANC) will be required to comply with the regulations is unknown; however, it is expected to be before 2015. Collection and treatment are a requirement of the ELGs.