

# Seattle-Tacoma International Airport



# Third Runway Project

September 15, 2005

# **Third Runway Embankment Construction Project**

## **Project Facts**

**Current Contract – 2004-2005 Embankment/S 154<sup>th</sup>  
Construction Project**

- **Contract Amount -- \$192,639,883**
- **Schedule -- June 2004 – January 2006**
- **Total Embankment – 8,000,000 CY**
  - Onsite Material – 1,500,000 CY**
  - Import Material – 6,500,000 CY**
- **Will require approximately 350,000 truck trips**
- **Average 40 – 60 trucks per hour.**
- **Peak season 20 hours/day, 6 days a week.**

# Third Runway Embankment Construction Project

January 14, 2003



# Third Runway Embankment Construction Project

September 2005



9-1-05

SKY-PIX  
800.325.4342

# Project Air Quality Constraints



## ◆ General Conformity

- ◆ Emission limits – 1997 Master Plan Update Projects
  - ◆ 100 Tons/Year NOx emissions

## ◆ Support of Regional Efforts and Response to Community Concerns

- ◆ Diesel PM
- ◆ Toxics

# Third Runway Embankment Construction Project

- ◆ **Contract Requirements**

  - Air Emission**

    - ◆ **Newer trucks (1998 or later) – All on Road Trucks**
    - ◆ **Use of ultra-low sulfur diesel – All vehicles and equipment**
    - ◆ **Contractor Certification**

# Benefits and Challenges

- ❖ Environmental benefit
- ❖ Responds to community concerns
- ❖ Increased cost to project