

EIELSON AIR FORCE BASE ALASKA

RESTORATION ADVISORY BOARD MEETING #19 BASE TOUR

10 June 2002





EIELSON AFB RESTORATION ADVISORY BOARD COCHAIRS

- **Eielson AFB - Colonel Tim Vigil**
- **Salcha - Vacant**
- **Moose Creek - Ms. Terry Huisman**
- **North Pole - Mr. John Mazzitello**



AGENCY PROGRAM MANAGERS

- EPA Region 10 – Ms. Mary Jane Nearman
- ADEC – Ms. Ann Farris



FY02 FIELD SEASON ACTIVITIES

SITE INVESTIGATIONS (SI's)

- SI's scheduled for 2 sites (Bldgs 1301 and 4231) to assess the extent of POL contamination resulting from above ground storage of fuel.
 - **Contract renegotiated to expand the SI's for 2 sites, eliminating the earth work and removal of tank saddles from Bldgs 2222 and 4365**
 - **Scheduled to begin June 2002**
 - **Contractor - CCI**



FY02 FIELD SEASON ACTIVITIES

SITE INVESTIGATIONS (SI's)

- SI's scheduled to assess the extent of POL contamination at 5 sites discovered during the FY00 CITS fiber optics cable installation
 - Facilitator - AFCEE
 - Contractor – IT Corp.
 - Pre-investigative field visit started 25 October 2001 (FY02)
 - Field work projected to begin July 2002



FY02 FIELD SEASON ACTIVITIES

POL SOIL INCINERATION

- Incineration and disposal of approx. 900 tons of POL contaminated soils generated from the Fuel Hydrant project in FY00
 - Incineration contractor – OIT
 - Scheduled for FY02 disposal



FY02 FIELD SEASON ACTIVITIES

REMEDIAL PROCESS OPTIMIZATION (RPO) PHASE II

- **Facilitator – AFCEE**
 - **Contractors**
 - **Mitretek**
 - **EarthTech**



FY02 FIELD SEASON ACTIVITIES

RPO OBJECTIVES

- Ensure remedial systems are effectively meeting their goals
- Optimizing the time required for site remediation
- Enhancing cost effectiveness
 - Annual systems performance reviews



FY02 FIELD SEASON ACTIVITIES

RPO PROCESS

- Phase I: Internal data collection, review, and update of the remedial process
 - **Completed in FY01**
- Phase II: Intensive RPO evaluation to explore optimization/new technology
 - **Started in FY02**
 - - **Exit strategy being developed for bioventing systems at sites ST-20 E-7 and E-9 complexes, and site ST-48**
- Phase III: Implementation of new and improved systems
 - **Not necessary for the EAFB program**



FY02 FIELD SEASON ACTIVITIES

LTO - BIOVENTING SYSTEMS/SITEWIDE SAMPLING AND ANALYSIS PROGRAM

- Operation and Maintenance of 5 Bioventing Systems
 - AFCEE Contract with Foster Wheeler Environmental Corporation/EA Engineering, Science, and Technology
- Annual Basewide Monitoring
 - AFCEE Contract with Foster Wheeler Environmental Corporation/EA Engineering, Science, and Technology



FY02 FIELD SEASON ACTIVITIES

NORTH BOUNDARY WELLS

- **Yearly Sampling and Confirmational Lab Analysis of Analytes**
- **Yearly Field Measurement of Standard Aquifer Parameters (e.g. pH, Conductivity, Turbidity, D.O., Temp, TDS, Alkalinity, Water Level)**



SITE ST- 48 POWER PLANT AREA SPILL SITE



10 10:21 AM



SITE ST-10 / SS-14 FUEL STORAGE AREA





SITE ST-20 E-7 COMPLEX



10 10:47 AM



FROST - JACKED MONITORING WELL





SITE ST-20 E-9 COMPLEX





CONTAMINATED SOIL STOCKPILE AREA – CELL 1





CONTAMINATED SOIL STOCKPILE AREA – CELL 2





SITE ST-13 / DP-26



GARRISON SLOUGH FISH SCREENS



QUESTIONS ?

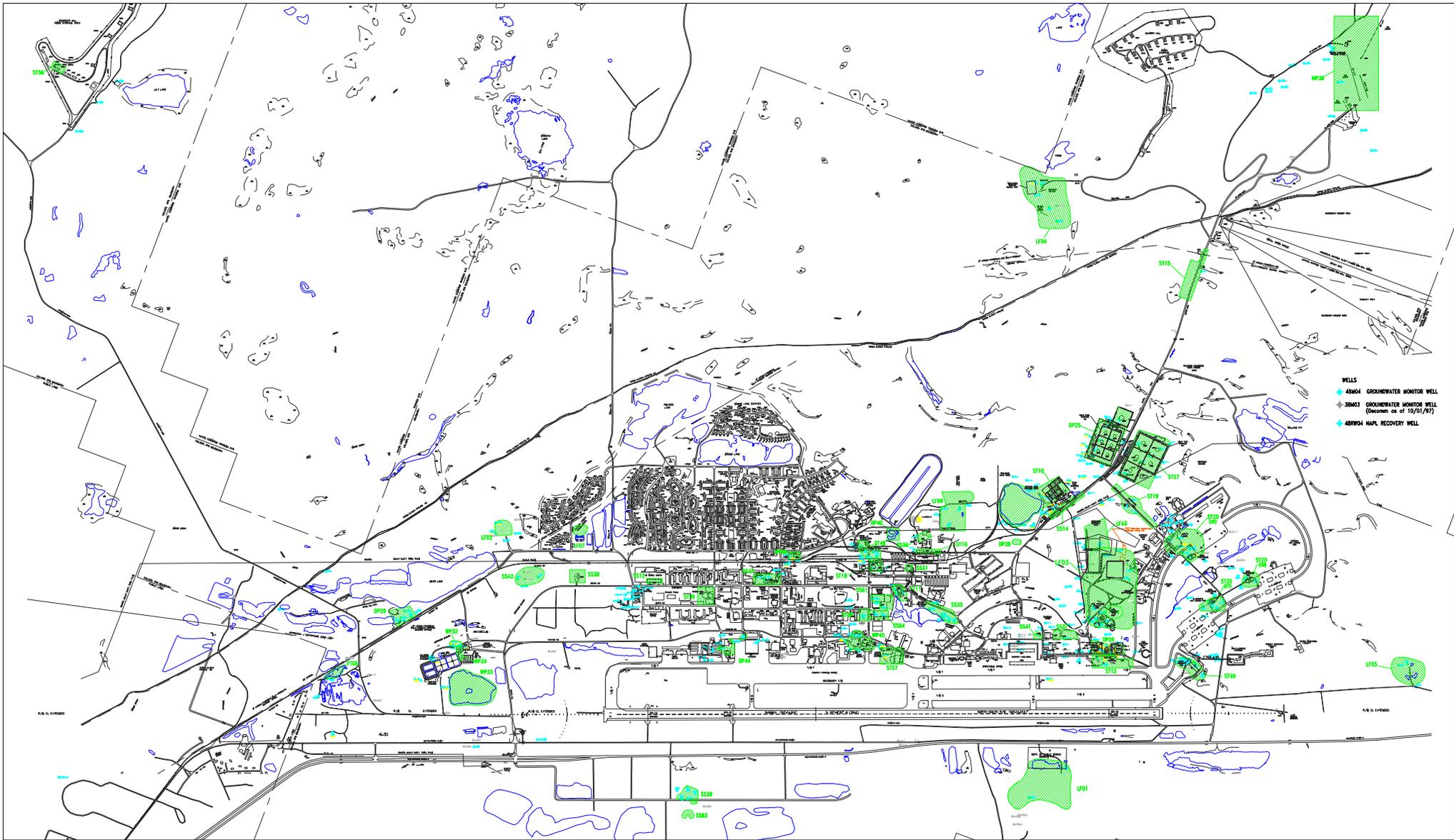


Figure 10. Environmental Condition of Property