

EIELSON AIR FORCE BASE ALASKA

RESTORATION ADVISORY BOARD MEETING

9 May 2001





EIELSON AFB RESTORATION ADVISORY BOARD CO-CHAIRS

- **Eielson AFB - Col Larry Reseter**
- **Salcha - Mr Tom Peluso**
- **Moose Creek - Ms Terry Huisman**
- **North Pole - Mr John Mazzitello**



2001 ALASKA RAB CO-CHAIR ROUNDTABLE

**Date: Held Feb 2001, in association with
the Alaska Forum on the Environment**

- **Issues: Risk training**



ERA REORGANIZATION

PERSONNEL

- Chief, IRP – Mike Raabe
- Civil Engineer – Dave Beistel
 - Project Manager**
 - OU1 through OU6
 - Contaminated Sites
- Environmental Scientist – Brent Koenen
 - Project Manager**
 - Sitewide Sampling and Analysis
 - Areas of Concern (AOCs)
 - Contaminated Sites



ERA REORGANIZATION

PERSONNEL

- **Environmental Protection Specialist - Brian Merrick**

Project Manager

- **AFRIMS Database**
- **Management Action Plan (MAP)**
- **Community Relations Plan (CRP)**
- **Work Order Review / Coordination**

- **Environmental Protection Specialist – Diane Bryan**

Project Manager

- **Site / Systems Inspections**
- **Institutional Controls**
- **Administrative Record**
- **IRP Records**



OUTSTANDING FY99 ISSUE

OU2 AND OU 3, 4, 5 ROD AMENDMENTS

- **EPA SIGNATURE - 30 Sept 98**
- **AIR FORCE SIGNATURE - 27 May 99**
- **ADEC SIGNATURE - 19 March 01**

5-YEAR ROD REVIEW

- **Still awaiting ADEC signature on FY98 5-Year ROD Review Document**



FY02 FIELD SEASON ACTIVITIES

SITE ASSESSMENTS

- SA's scheduled for 4 sites (bldgs. 1301, 2222, 4231, 4365) to assess the extent of POL contamination resulting from the underground storage of heating oil.
 - **Scheduled to begin May 2001**
 - **Contractor - CCI**



FY02 FIELD SEASON ACTIVITIES

POL SOIL INCINERATION

- Incineration and disposal of approx. 2,700 tons of POL contaminated soils generated from the Fuel Hydrant and CITS projects in FY2000
 - Contractor – OIT
 - Scheduled for July – August





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FY02 FIELD SEASON ACTIVITIES

REMEDIAL PROCESS OPTIMIZATION (RPO)

- **Facilitator – AFCEE**
 - **Contractors**
 - **Mitretek**
 - **EarthTech**
 - **Pre-site visit - 30 April – 01 May**
 - **Team visit - 20 – 24 May**



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**
- **Phase II: Intensive RPO evaluation to explore optimization/new technology**
- **Phase III: Implementation of new and improved systems**



IN THIS AREA

OCT 19 2000



FY02 FIELD SEASON ACTIVITIES

- GARRISON SLOUGH
- Installation of Gabions adjacent to screened culverts to prevent sloughing of road shoulder embankment onto fish screens
 - Construction scheduled to begin 7 May 01



MAY 1 2001





FY02 FIELD SEASON ACTIVITIES

PASSIVE DIFFUSION BAG SAMPLERS (PDBS)

- EIELSON AFB selected for northern region test site.
- Will be run concurrently with the annual Sitewide Sampling and Analysis program in FY01 on select wells.
 - **ADVANTAGES**
 - Eliminates purge water generation and disposal
 - Eliminates decontamination of conventional sampling equipment
 - Less contractor time required for field sampling
 - Allows for contaminant profiling at depth in well



FY01 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**



FY01 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)**



FY01 FIELD SEASON ACTIVITIES

AOC's

- **AOC 029 (BX SERVICE STATION AAA SITE).**
 - **20 sample points placed during FY2000**
 - **Some localized POL groundwater contamination near Bldg 2160 (Natural Resources Bldg)**
 - **Will discuss site options with ADEC**
- **AOC 008 (EIELSON FARM ROAD AAA SITE PLUME DELINEATION)**
 - **This site referred the US Army Corps of Engineers FUDS Program in January 2001**
 - **Dr. Shah Alam, USACE, reviewing site for FUDS eligibility**

QUESTIONS ?

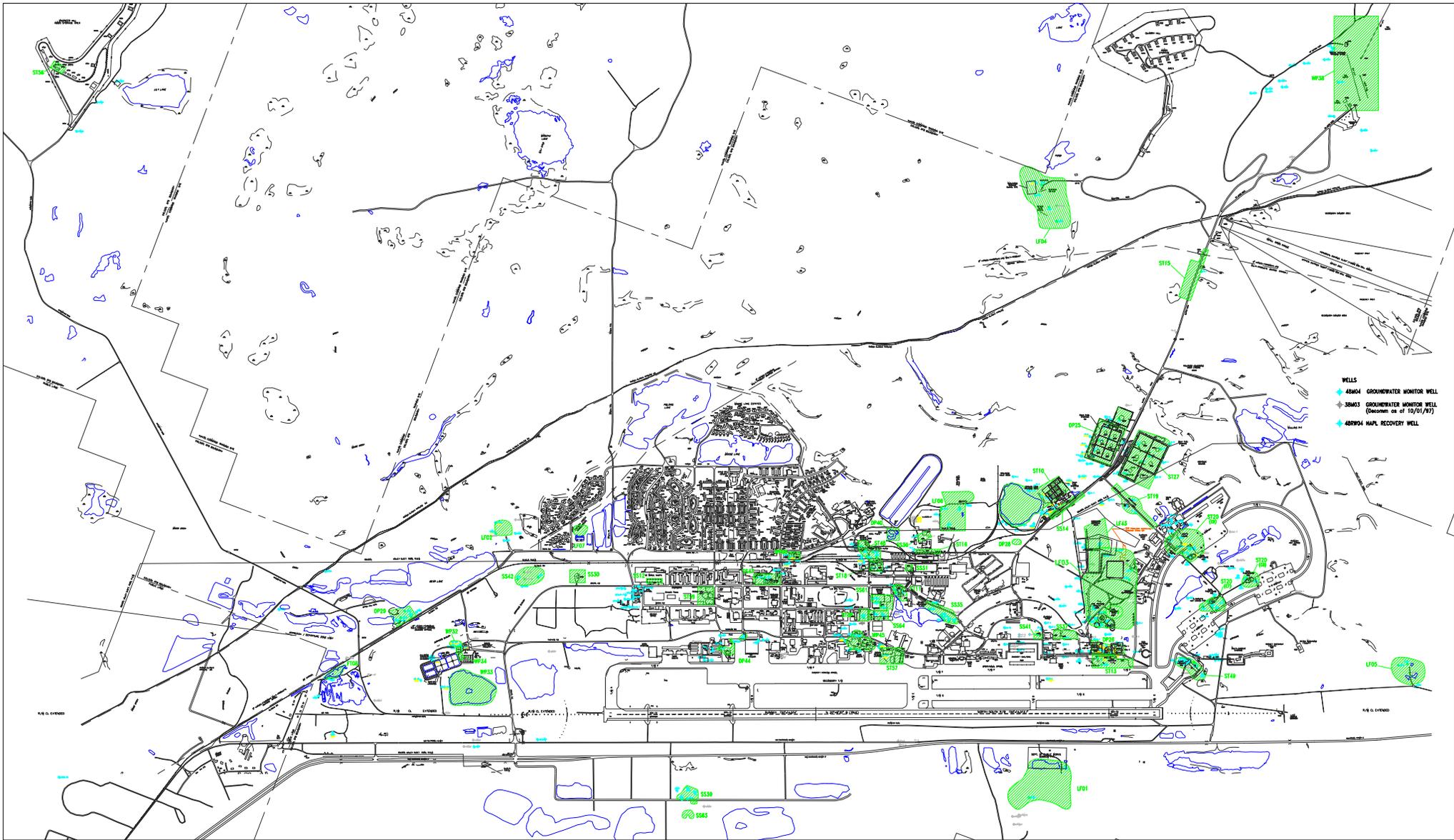


Figure 10. Environmental Condition of Property