

**Pilgrim River Staging Area, and Feather River Dump Site
Solid Waste Removal
Statement of Work**

4/17/06

This project is to remove contaminated soils and solid waste from two Sites; Pilgrim River Staging Area (PRSA), and Feather River Dump Site (FRDS). The purpose of the cleanups is to allow conveyance of the land to move forward. The Sites are each approximately 40 road miles from Nome, AK. Priority of work is PRSA then FRDS. After the debris and contaminated soils at PRSA have been removed, the contractor will mobilize to the Feather River Dump Site (FRDS) for further project work within limits of the total contract funded amount.

Project Locations:

Pilgrim River Staging Area: 64° 57' 37"N, 164° 43' 22"W (NAD27)
NW ¼ Sec 22, T6S, R30W, KRM

Feather River Dump Site: 64° 50' 00"N, 166° 08' 06"W (NAD27)
SE ¼, Sect 34, T7S, R37W, KRM

General:

The PRSA is a small, approx ½ acre, parcel of land that has been used as a parking/staging area for vehicles and equipment. The PRSA is owned by the State of Alaska, Department of Natural Resources; BLM is acquiring the property to in turn convey it to an Alaska Native Corp. BLM is securing the required Land Use Permit from the state. The PRSA is accessible from the Nome-Kougarok Hwy via easement/dirt road; east about 1½ mile. There are a number of oil stains around the PRSA, and some abandoned equipment/junk. The contractor will inspect the Site and upon concurrence of the on-site BLM Project Inspector, excavate visually stained areas to a depth necessary to achieve ADEC actions levels. Surface staining by oil released from vehicles at four identified areas has a combined surface area of approx 15 square yards. It is estimated that 3 to 30 cubic yards (CY) of oil contaminated soil will be removed. Inventory of the equipment to be removed from PRSA includes a JD 555 bulldozer, a Sno-Cat "Weasel", an empty est. 300 gal capacity fuel tank, wood sled, and some miscellaneous debris (est. NTE 1,000 lbs). The JD 555 and Sno-Cat are inoperable. BLM may direct the contractor to deliver items to the owner's location in Nome rather than disposal at the Nome landfill, decision to be made during the clean-up mobilization. On-site treatment or stockpiling of the excavated soils at PRSA will not be considered.

The FRDS land is to be conveyed to the State of Alaska after clean-up. The FRDS is accessible from the Nome-Teller Hwy, via a rough dirt road which parallels the Feather River; west about ½ - ¾ mile. At the FRDS, there are known to be four 55-gal drums containing liquids, and at least three stained areas the vertical and horizontal extent of which is unknown. The three documented stain areas are labeled as Battery Stain Area (BSA), Drum Area 1 (DA1), and Drum Area 2 (DA2). DA1 consists of an open-top drum containing solids which appear to be deteriorated sorbents, with water and some oil residues, and a second drum laying on it's side

PRSA/FRDS Cleanup SOW (Continued)

with about 5 gallons of liquids in it. The soil around DA1 drum is visibly stained about 10x10'. DA2 consists of an upright drum about ¼ full with a petroleum product, and a drum laying on its side that is about ½ full of an oily liquid. The drum on its side has a hole in it. The soil around DA2 is visibly stained about 10x30'. The BSA is a location where an oil stain was noted while conducting lead-acid battery removal work during October 2005. One (1) CY of oil contaminated soil was removed at that time, leaving an unknown quantity of contaminated soil in-place. Analysis of a soil sample from the excavation shows concentration of 15,700 mg/kg DRO and 19,600 mg/kg RRO. The contractor will visually survey the approx 6 acre Site to locate any additional oil stained areas and drums with product. The contractor will then consult with the on-site BLM Project Inspector to excavate the stained areas to a depth necessary to achieve ADEC actions levels. The contractor will backfill and compact all excavations with clean soils to approximate per-excavation appearance.

BLM strongly desires to have the excavated soils treated/disposed of quickly. Thermal treatment of the soils in the Nome area is BLM's preferred method. However, if local thermal treatment is unavailable or not economical, shipping of a limited volume to Anchorage or Fairbanks may be acceptable.

For planning/proposal purposes, if thermal treatment in the Nome area is not practical, and the cumulative total excavated from both Sites does not exceed 35 CY, the contractor will transport the soil out of the Nome area to a disposal unit. Should the total amount exceed 35 CY, the contractor will construct a passive treatment cell at the FRDS and remediate both PRSA and FRDS soil there. The contractor will prepare the remediation plan, gain BLM and ADEC concurrence of the plan and then implement the plan.

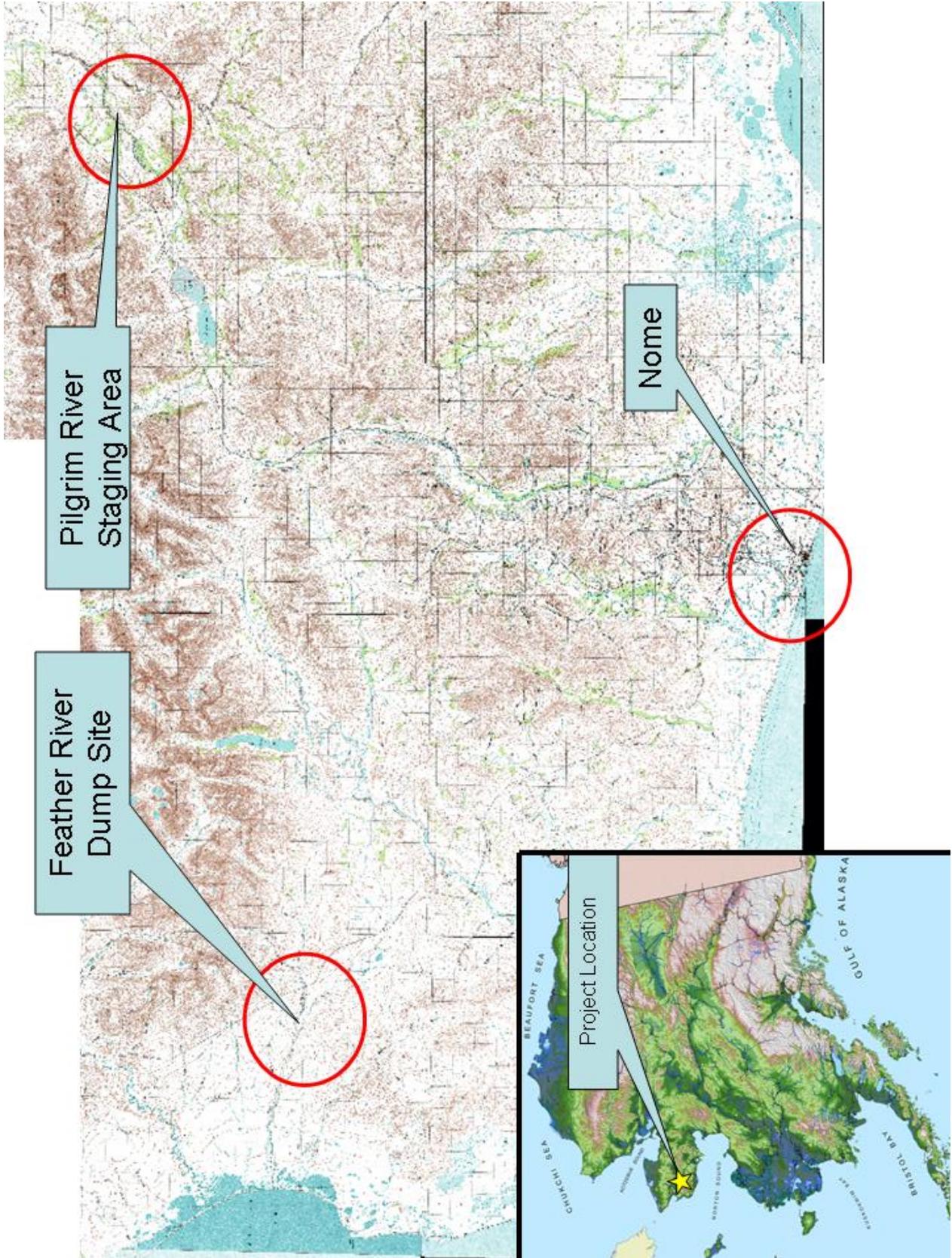
Tasks to be accomplished, in order of priority:

1. Removal of oil contaminated soils, vehicles, and debris from the PRSA.
2. Disposal of at least three (3) drums of unknown product from the FRDS.
3. Removal of soil contaminated by release from the drums at FRDS.
4. Removal of oil contaminated soil from other stained areas at FRDS.
5. Remediation/disposal of excavated soils.

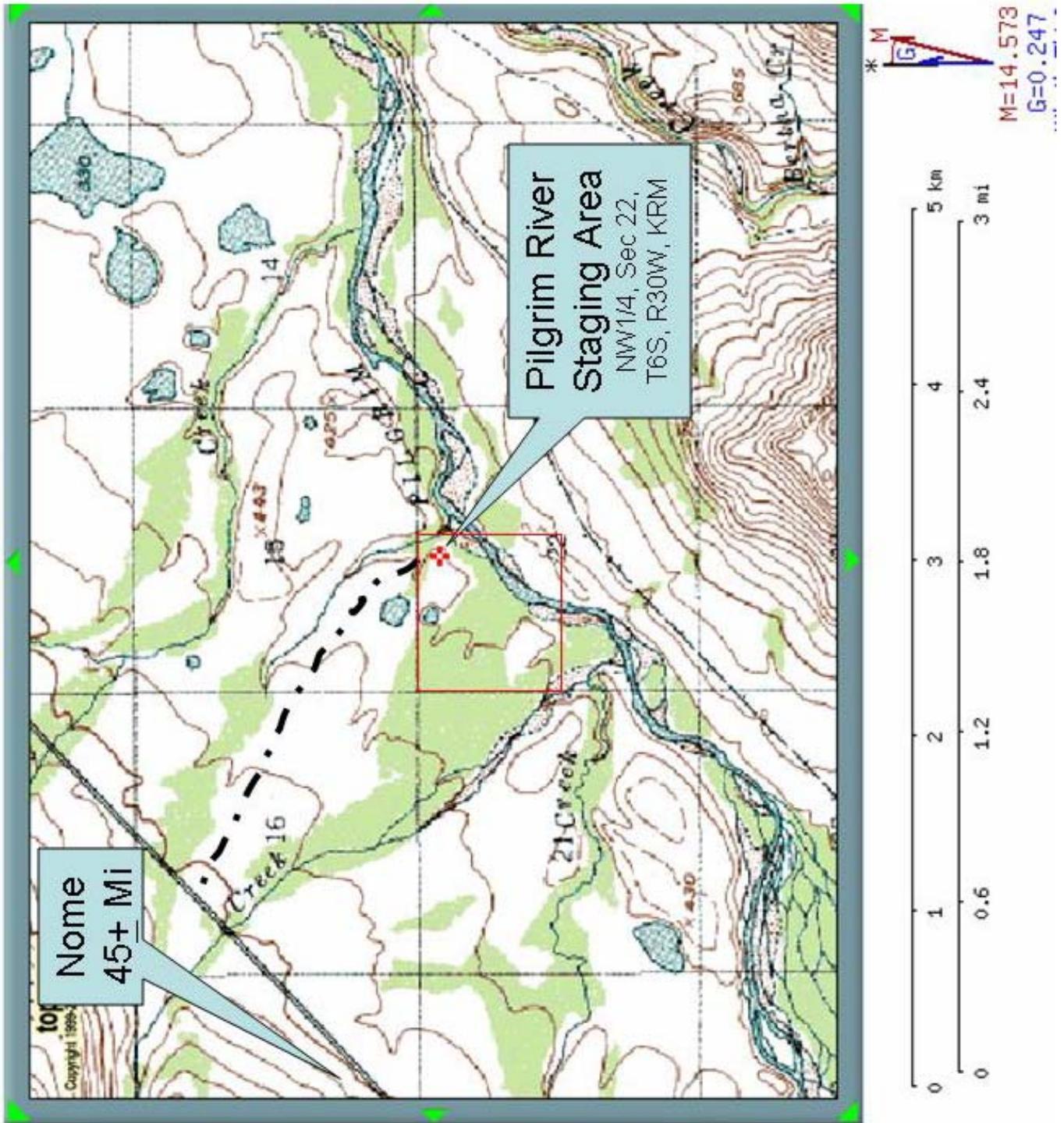
BLM Anchorage Field Office POC for this project is: Larry Beck, 907-267-1226, Larry_Beck@ak.blm.gov.

Deliverables, to BLM HazMat Program Lead – Wayne Svejnoha (AK-931):

1. Draft and final work plans that comply with 18 AAC 75 standards. Final work plan at least 10 working days prior to start of field work. HazMat cleanup work plan is to be coordinated with the ADEC. Work Plan will also include a HASP and a Sampling QA/QP (2 copies).
2. Draft removal report for BLM comment, with allowance for at least 10 work days to make comment (3 copies).
3. Final removal report, delivered to BLM AK-931 by 15 September 2006 (7 color copies).
4. Electronic copy on CD of the following to AK-931:
 - a. Final removal report in .pdf format,
 - b. All photos taken, in .jpg format, and
 - c. All field notes in, .pdf format.



Project Location map

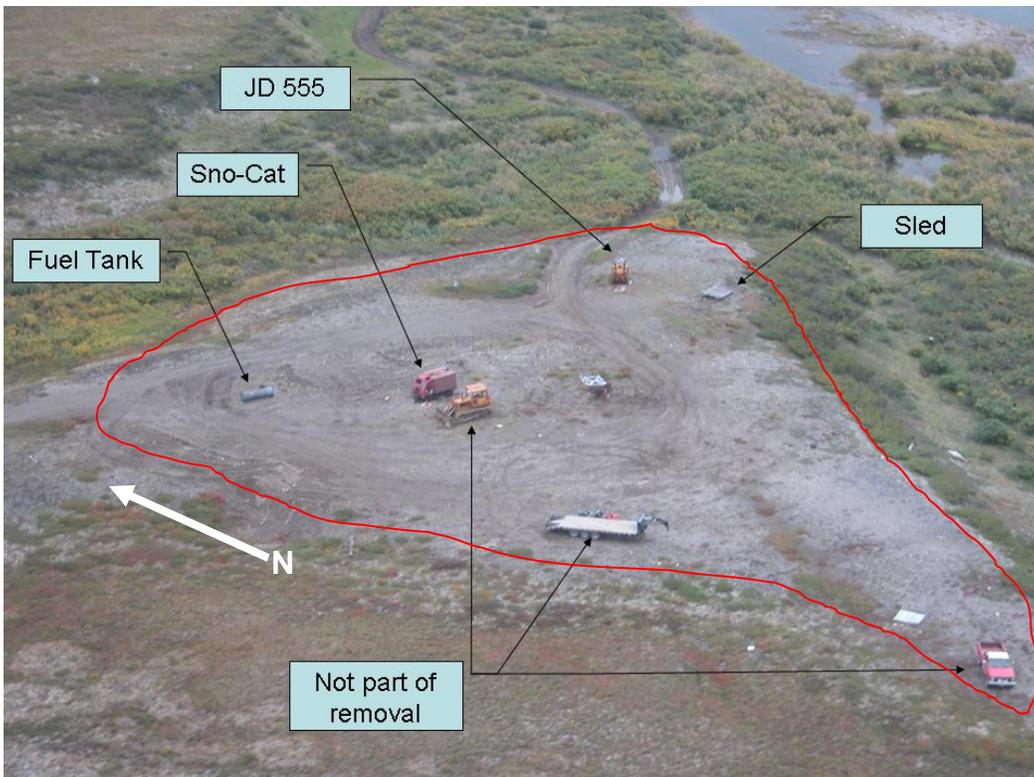


Pilgrim River Staging Area location map

PRSA/FRDS Cleanup SOW (Continued)



PRSA Looking Southeast 8/27/05



PRSA 8/25/05. Area subject to cleanup is outlined in red. Main items for removal are noted. Miscellaneous debris scattered around site is to be removed also.

PRSA/FRDS Cleanup SOW (Continued)



The Komatsu bulldozer is parked on an oil stained area at the PRSA.
Smaller stains are present in the foreground of the photo. 8/24/05



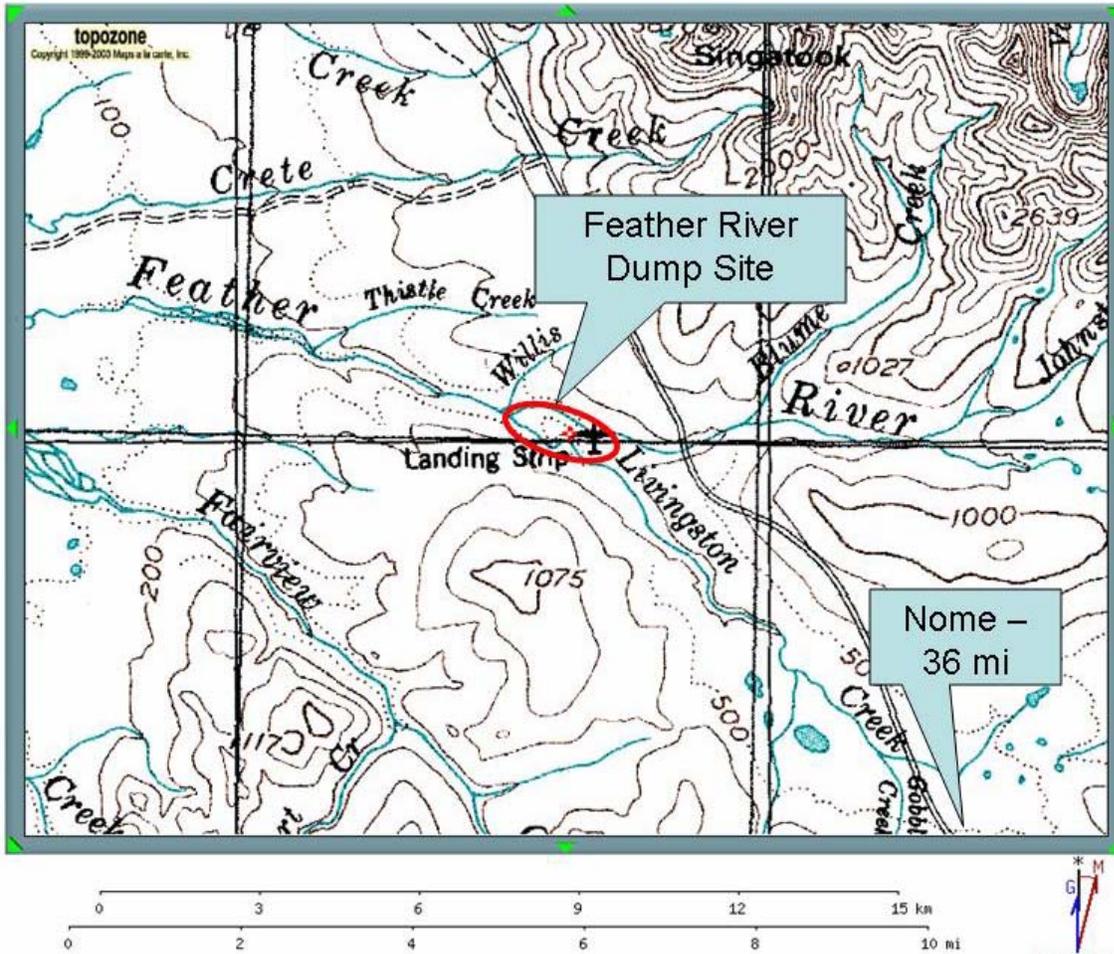
Oil stain visible under Sno-Cat at the PRSA 8/24/05

PRSA/FRDS Cleanup SOW (Continued)

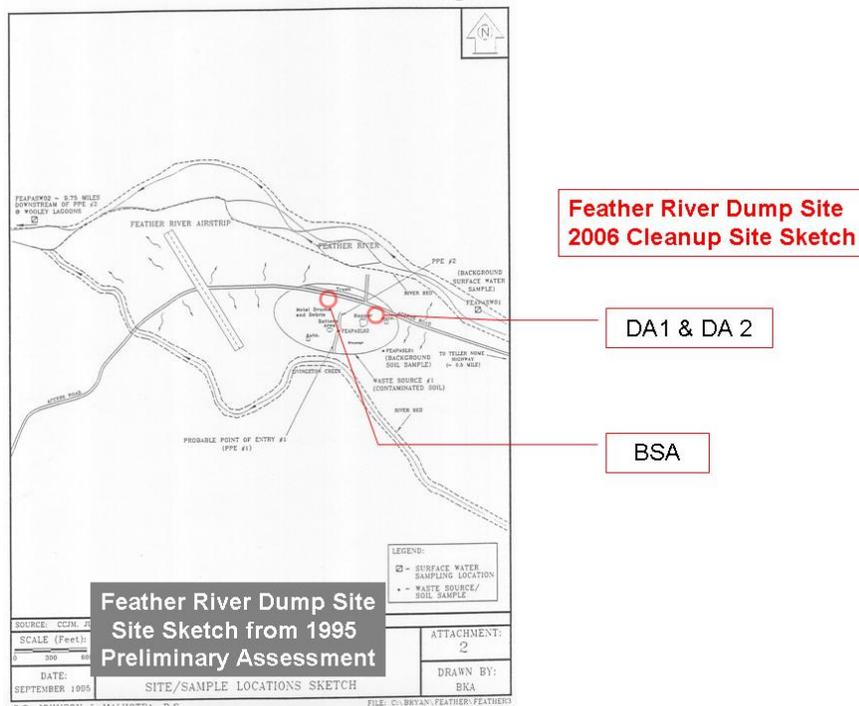


JD 555 bulldozer to be removed from PRSA Site 8/24/05. Soil under the JD 555 is heavily oiled. Stains are visible near front-right of dozer also. 8/24/05

PRSA/FRDS Cleanup SOW (Continued)



FRDS Location Map and Site Sketch



PRSA/FRDS Cleanup SOW (Continued)

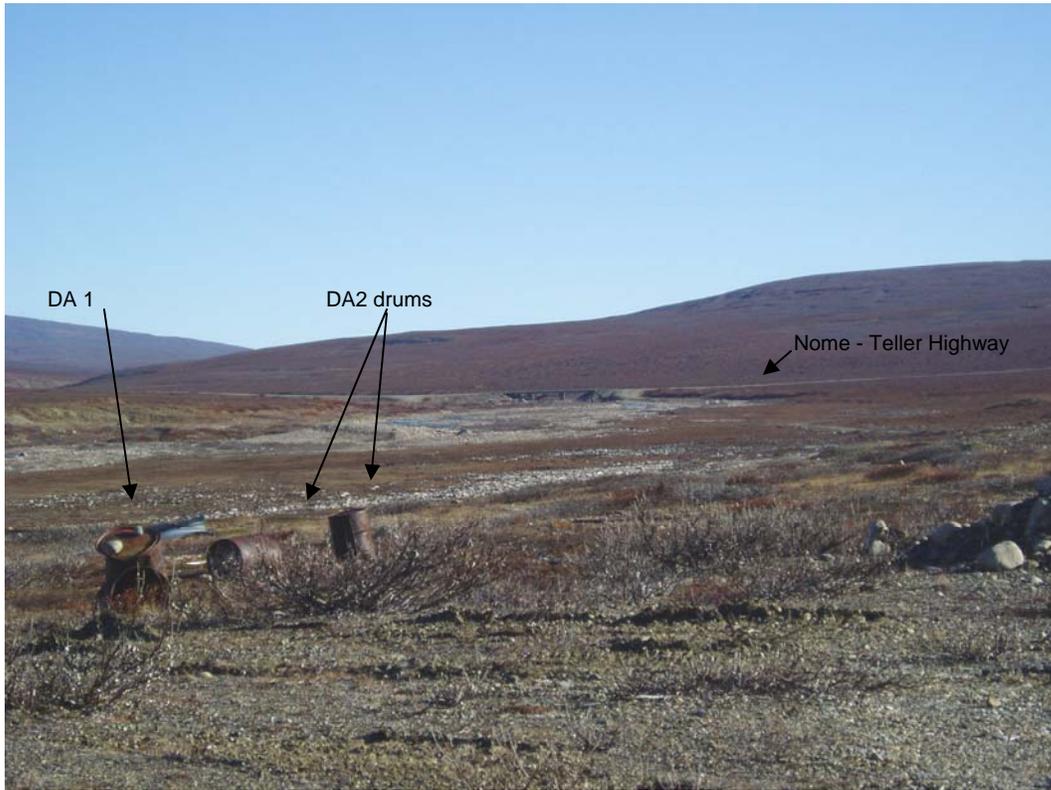


FRDS Battery Stain Area (BSA)



FRDS BSA. One cubic yard of soil was excavated in Oct 2005

PRSA/FRDS Cleanup SOW (Continued)



FRDS Drum Area 1 and 2 looking east towards the Nome-Teller Highway.



FRDS Drum Area 1.

PRSA/FRDS Cleanup SOW (Continued)



FRDS Drum Area 2. Drum with hole shown, second drum not in this picture.