

**Alpine Satellite Development Plan
Final Environmental Impact Statement**

Appendix M

**Public Notice of Coverage under the NPDES General
Permit to Discharge to Waters of the United States for
Facilities Related to the Extraction of Oil and Gas on
the North Slope of the Brooks Range, Alaska
(AKG-33-0000)**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, WA 98101

**PUBLIC NOTICE OF COVERAGE
UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
GENERAL PERMIT TO DISCHARGE TO WATERS OF THE UNITED STATES
FOR FACILITIES RELATED TO THE EXTRACTION OF OIL AND GAS
ON THE NORTH SLOPE OF THE BROOKS RANGE, ALASKA
(AKG-33-0000)**

Public Notice Issuance Date: September 3, 2004
Public Notice Expiration Date: October 4, 2004

I. Applicant

ConocoPhillips Alaska, Incorporated
Post Office Box 100360
700 G Street
Anchorage, Alaska 99510-0360

Authorized Official: John Whitehead,
Vice President for Western North Slope

II. Background

ConocoPhillips Alaska, Incorporated (CPAI) is proposing the development of five satellite oil production pad sites (CD-3, CD-4, CD-5, CD-6, and CD-7) and associated gravel roads, pipelines, communication equipment, and power lines that connect to the existing Alpine Central Processing Facility (CD-1) located approximately eight miles north of Nuiqsut, Alaska. CD-3 and CD-4 are located in the Colville River Delta. CD-5, CD-6, and CD-7 are located in the National Petroleum Reserve-Alaska (NPR-A).

The U.S. Environmental Protection Agency (EPA) is a cooperating agency on the Alpine Satellite Development Plan (ASDP) Environmental Impact Statement (EIS) because of our decision regarding a National Pollutant Discharge Elimination System (NPDES) permit. This EIS would serve to fulfill our National Environmental Policy Act (NEPA) compliance responsibilities (40 CFR Part 6).

On January 29, 2004, CPAI submitted a Notice of Intent (NOI) to be covered under the NPDES North Slope General Permit (NSGP) AKG-33-0000 (Enclosed). EPA determined that CPAI's ASDP is a new source, as defined in 40 CFR 122.2, and is subject to new source performance standards in the

effluent limitations guidelines (40 CFR Part 435). The Final EIS (FEIS) for the Alpine Satellite Development Plan evaluates CPAI's proposal and fulfills our NEPA compliance responsibilities.

III. Tentative Determination

EPA is proposing to issue coverage under the NSGP to CPAI for discharges of domestic wastewater from the Alpine Satellite Development Plan. The NSGP authorizes discharges of domestic wastewater and other discharges from facilities related to the extraction of oil and gas on the North Slope of the Brooks Range in the state of Alaska (AKG-33-0000).

IV. Public Comments

Persons wishing to comment on the tentative determinations of GP coverage may do so in writing within this public notice period. Comments must be received by EPA no later than **October 4, 2004**, to be considered in our final determinations regarding NPDES GP coverage.

All comments should include: (1) the name, address, and telephone number of the commenter; (2) a concise statement of the exact basis of any comment; and (3) the relevant facts upon which the comment is based.

All written comments and requests should be submitted to:

U.S. Environmental Protection Agency
Attn: Ms. Cindi Godsey
222 W. 7th Avenue, Box 19
Anchorage, Alaska 99513

V. Document Availability

A copy of the general NPDES permit may be requested by writing to the EPA at the above Anchorage address, by calling (907) 271-6561 or (800) 781-0983, toll-free in Alaska only, or by e-mailing to godsey.cindi@epa.gov

The permit is also available on the Region 10 website at www.epa.gov/r10earth then click on Water Quality, Permits and General Permits, Oil and Gas, North Slope Oil and Gas GP.

The Final EIS for the Alpine Satellite Development Plan and related documents are available by contacting the ENTRIX Project Office, 3701 East Tudor Road, Suite 205, Anchorage, AK 99507 at (907) 563-0438 or by downloading from the project website at www.alpine-satellites-eis.com.

For discharge to river, provide the once in 2 years, 3-day low flow (3Q2) condition of the receiving _____

FOR MARINE WATER DISCHARGES

Orientation of diffuser to shoreline: _____ (e.g. perpendicular, 45°, parallel) Number of ports: _____
Height of ports above diffuser: _____ inches, meters, centimeters
Angle of diffuser ports to diffuser pipe: _____ degrees from top of pipe
Diffuser port diameter: _____ inches, meters, centimeters, feet
Port Spacing: _____ feet, meters Direction of the current relative to diffuser: _____ perpendicular, parallel, angle

EFFLUENT TESTING INFORMATION

Applicant shall provide effluent testing data collected over the previous 12 months for the following parameters: pH (minimum, maximum), flow rate, BOD₅, TSS, fecal coliform, chlorine, BOD₅ and TSS percent removal.

REQUEST FOR MIXING ZONE AND EFFLUENT MODIFICATION FROM ADEC

Do you wish to request authorization from ADEC for effluent modification and mixing zone? YES X NO

THE FOLLOWING INFORMATION MUST BE PROVIDED IF REQUESTING A MIXING ZONE. The burden of proof for justifying a mixing zone through demonstrating compliance with the requirements of 18 AAC 70.240 – 18 AAC 70.270 rests with the applicant.

USES OF RECEIVING WATER AT DISTANCE FROM DIFFUSER (Not needed if not requesting a mixing zone from ADEC):

Use	Distance	Units
Supply for drinking water	_____	_____
Supply for agriculture including irrigation & stock water	_____	_____
Supply for aquaculture ⁱ	_____	_____
Supply for industrial use ⁱⁱ	_____	_____
Contact recreation ⁱⁱⁱ	_____	_____
Secondary recreation ^{iv}	_____	_____
Fish ^v spawning	_____	_____
Harvesting and consumption of raw fish, shell fish, or other aquatic	_____	_____

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. John Whitehead
Signature

1/29/04
Dated

A. John Whitehead
Printed Name

L.P. WNS
Title

Mail Completed NOI to:

Original:
US EPA
NPDES Permits Unit
1200 Sixth Avenue, OW-130
Seattle, Washington 98101

Copy: ADEC and
610 University Avenue
Fairbanks, Alaska 99709

USEPA – AOO/A
Attn: Cindi Godsey
222 W. 7th Avenue, Box 19
Anchorage, Alaska 99513

- ⁱ "aquaculture" means the cultivation of aquatic plants or animals for human consumption
- ⁱⁱ "industrial use" means use of a water supply for a manufacturing or production enterprise except food processing, and includes mining, placer mining, energy production, or development
- ⁱⁱⁱ "contact recreation" means activities in which there is direct and intimate contact with water; "contact recreation" includes swimming, diving, and water skiing; "contact recreation" does not include wading
- ^{iv} "secondary recreation" means activities in which incidental water use can occur; "secondary recreation" means boating, camping, hunting, hiking, wading, and recreational fishing; in this paragraph "recreational fishing does not include fish consumption
- ^v "fish" means any group of cold blooded vertebrates that live in water and have permanent gills for breathing and fins for locomotion



Legend

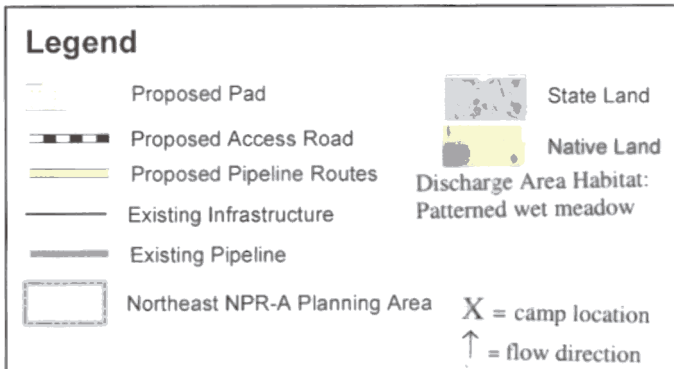
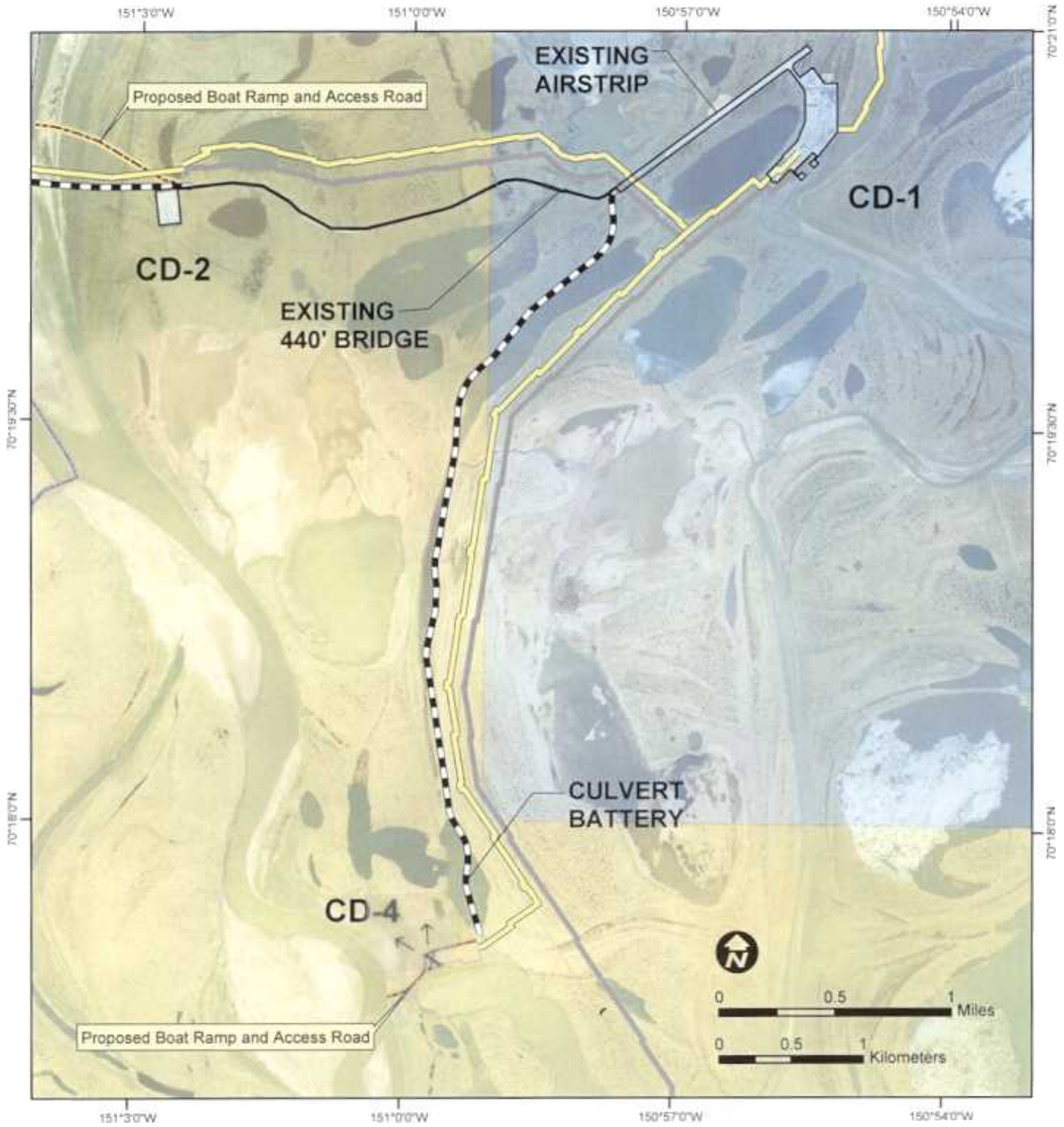
	Proposed Pad	Discharge Area Habitat: Non patterned wet meadow
	Proposed Access Road	
	Proposed Pipeline Route	X = camp location ↑ = flow direction
	Proposed Airstrip and Apron	
	State Land	
	Native Land	

Notes:

- 1) Horizontal Datum NAD 83, Coordinate System Alaska Albers Equal Conic, Feet
- 2) Basemap generated from coverages provided by CPAI and the BLM
- 3) Road and pipeline route information from PN&D, Draft Conceptual Routes Drawing, 9/11/2003
- 4) Locations of proposed infrastructure are approximate

**Figure 2.4.1.1-2
CD-3 Site Map**

Lat. 70.4° N
Long. 150.9° W



Notes:

- 1) Horizontal Datum NAD 83, Coordinate System Alaska Albers Equal Conic, Feet
- 2) Basemap generated from coverages provided by CPAI and the BLM
- 3) Road and pipeline route information from PN&D, Draft Conceptual Routes Drawing, 9/11/2003
- 4) Locations of proposed infrastructure are approximate

**Figure 2.4.1.1-3
CD-4 Site Map**

Lat. 70.3° N
Long. 151.0° W



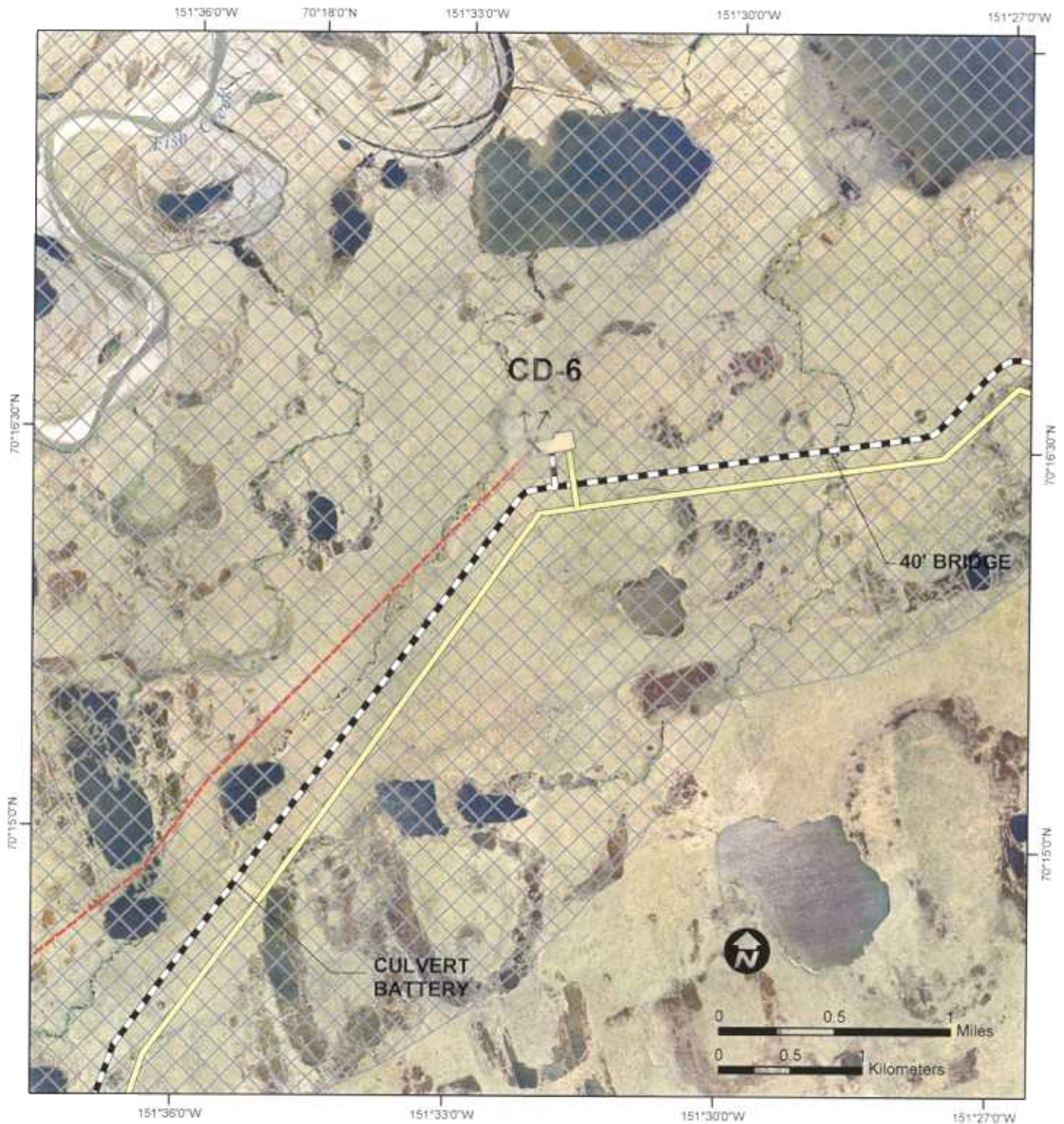
Legend	
	Proposed Pad
	Proposed Access Road
	Proposed Pipeline Routes
	Native Land
	BLM Land
	3-Mile Fish Creek Buffer
	Discharge Area Habitat: Patterned wet meadow or Moist tussock tundra
	X = camp location
	↑ = flow direction

Notes:

- 1) Horizontal Datum NAD 83, Coordinate System Alaska Albers Equal Conic, Feet
- 2) Basemap generated from coverages provided by CPAI and the BLM
- 3) Road and pipeline route information from PN&D, Draft Conceptual Routes Drawing, 9/11/2003
- 4) Locations of proposed infrastructure are approximate

**Figure 2.4.1.1-4
CD-5 Site Map**

Lat. 70.3° N
Long. 151.2° W



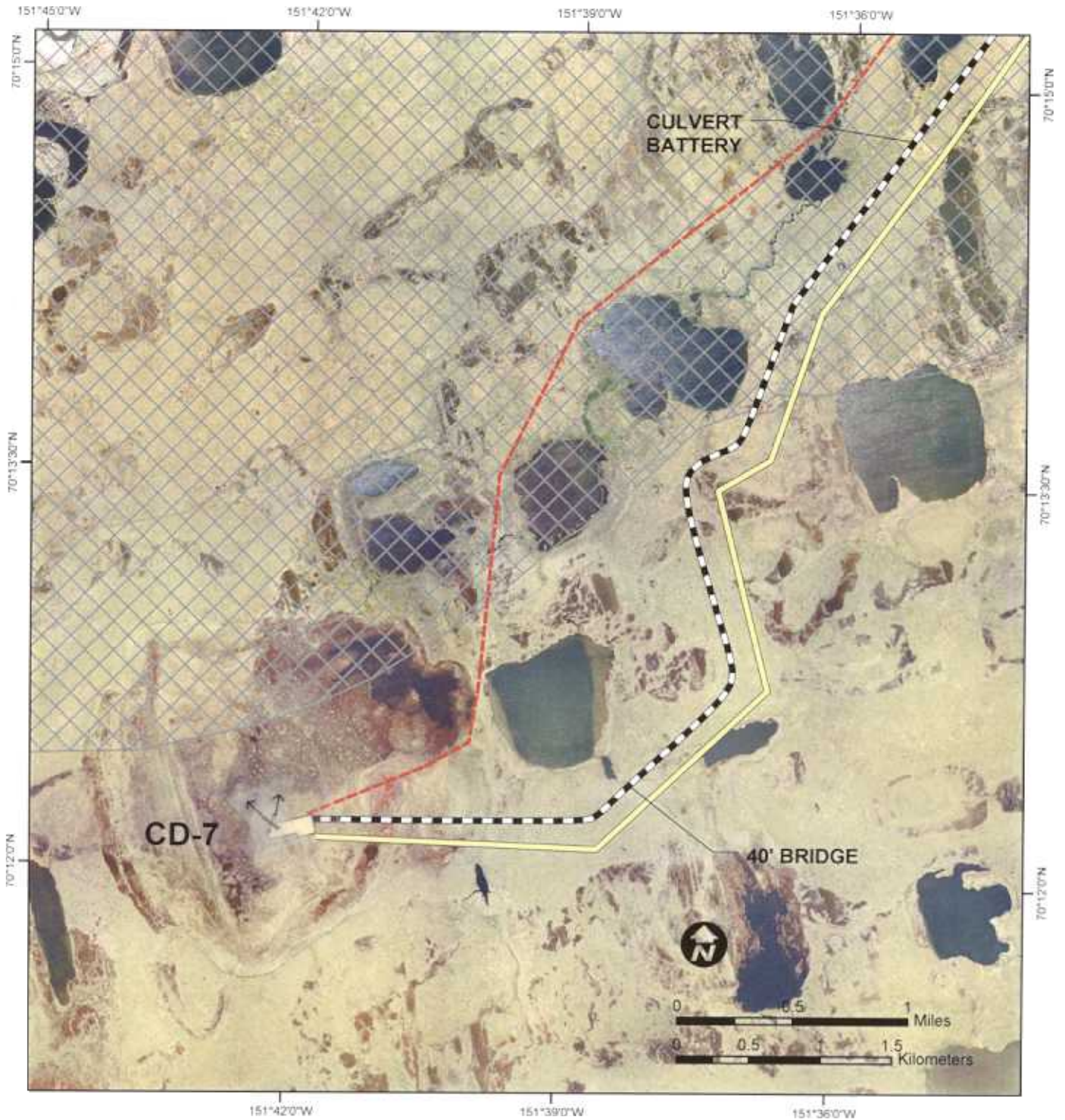
Legend		Discharge Area Habitat: Moist tussock tundra
	Proposed Pad	
	Proposed Access Road	
	Proposed Pipeline	
	Proposed Overhead Powerline	
	3-Mile Fish Creek Buffer	
		X = camp location
		↑ = flow direction

Notes:

- 1) Horizontal Datum NAD 83, Coordinate System Alaska Albers Equal Conic, Feet
- 2) Basemap generated from coverages provided by CPAI and the BLM
- 3) Road and pipeline route information from PN&D, Draft Conceptual Routes Drawing, 9/11/2003
- 4) Locations of proposed infrastructure are approximate

**Figure 2.4.1.1-5
CD-6 Site Map**

Lat. 70.3° N
Long. 151.5° W



Legend		Discharge Area Habitat:	
	Proposed Pad		Non patterned wet meadow
	Proposed Access Road		
	Proposed Pipeline		
	Proposed Overhead Powerline		X = camp location
	3-Mile Fish Creek Buffer		↑ = flow direction

Notes:

- 1) Horizontal Datum NAD 83, Coordinate System Alaska Albers Equal Conic, Feet
- 2) Basemap generated from coverages provided by CPAI and the BLM
- 3) Road and pipeline route information from PN&D, Draft Conceptual Routes Drawing, 9/11/2003
- 4) Locations of proposed infrastructure are approximate

Figure 2.4.1.1-6 Lat. 70.2° N
CD-7 Site Map Long. 151.7° W

