



**STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES**

**AMENDED  
PERMIT TO APPROPRIATE WATER**

**LAS 25096**

The State of Alaska, acting by and through the Department of Natural Resources, Division of Mining, Land and Water, 3700 Airport Way, Fairbanks AK 99709, hereinafter referred to as the GRANTOR, under AS 46.15, the Alaska Water Use Act, and the regulations adopted under it, grants to:

**GRANTEE:**

Teck Cominco Alaska Incorporated  
Red Dog Operations  
3105 Lakeshore Drive, Bldg A, Suite 101  
Anchorage AK 99517

the right to develop the following use of water:

Source: South Fork Red Dog Creek

Quantity: 25,000.00 acre-feet per year  
From: January 1st through December 31st  
Use: metal mining

Quantity: 7,421.00 acre-feet per year  
From: January 1st through December 31st  
Use: water treatment

with a PRIORITY DATE of April 24, 1987.

The location of this water source:

South Fork Red Dog Creek within the below described parcel.

The location to which this appropriation is appurtenant:

The Red Dog Mine located within protracted Sections 4, 5, 6, 7, 8, and 9, Township 30 North, Range 18 West, Kateel River Meridian, protracted Sections 1, 2, 11, 12, 13, and 14, Township

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30 North, Range 19 West, Kateel River Meridian, and protracted Sections 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, and 33, Township 31 North, Range 18 West, Kateel River Meridian.

Changes in the natural state of water are to be made in the manner and only for the purposes stated in this permit. This permit is subject to the pertinent statutory provisions in AS 46.15, Administrative Regulations in 11 AAC 93, and the following conditions:

The holder of this permit shall:

1. Follow acceptable engineering standards in exercising the privilege granted by this permit.
2. Except for claims or losses arising from negligence of the State, defend and indemnify the State against and hold it harmless from any and all claims, demands, legal actions, loss, liability and expense for injury to or death of persons and damages to or loss of property arising out of or connected with the exercise of this permit.
3. Comply with all applicable laws, regulations and conditions.
4. Notify the GRANTOR of any change of address of the GRANTEE or transfer of any real property identified in this permit.
5. This permit is subject to an annual administrative service fee in accordance to 11 AAC 05.010(a)(8)(M).
6. Establish a metering system acceptable to the Water Resources Section and submit records to the Water Resources Section on an annual basis.
7. Where practical, excess surface water from the South Fork Red Dog Creek drainage that is not needed for the mining operation shall be diverted from contact with the disturbed mineralized areas of the mine and the tailings pond.

This permit shall EXPIRE on: May 31, 2022.

This permit to appropriate water is issued by authority of AS 46.15.080 and 11 AAC 93.120 on:  
June 1, 2007.

APPROVED: Leigh Carlson  
Leigh Carlson  
Natural Resource Specialist  
Water Management Unit