
J. E. STOVER & ASSOCIATES, INC.

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MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

January 21, 2018

Janet Binns
Division of Reclamation, Mining & Safety
1313 Sherman St., Room 215
Denver, Colorado 80203-2273

Re: Minrec, Inc., North Thompson Creek Mines
Annual Reclamation Report
Permit No. C-1981-025

Dear Ms. Binns:

On behalf of Minrec, Inc., enclosed is its 2018 Annual Reclamation Report for the North Thompson Creek Mines as required by Rule 2.04.13

Please call if you have any questions.

Sincerely,

J. E. Stover

J. E. Stover, P.E.
Consulting Engineer

Colorado Division of Minerals and Geology

Annual Reclamation Report for the Year 2018

North Thompson Creek Mines
mine name

C-1981-025
permit #

Minrec, Inc.
Permittee

Address: 627 24 1/2 Road, Unit H, Grand Junction, CO 81505

This report, required by Rule 2.04.13, is due by February 15 of each year, or other date, as agreed upon by the Division. It should include text, discussion, and maps, at a minimum, in addition to any other reclamation monitoring data as required by the approved permit. The location of the acreage reported under each land status category and year of seeding (if applicable) should be clearly and accurately identified on a map included with the report.

Land Status Category	Last Years Cumulative Total	This Calendar Year	Cumulative Total ¹
Acres disturbed	4.1	-0-	4.1
Acres backfilled and graded	4.1	-0-	4.1
Acres topsoiled	4.1	-0-	4.1

Seeding typically begins the minimum 10-year reclamation liability period. Please report the acres for each category below. Do not include acres that have achieved final, Phase III release.

	Last Years Cumulative Total	This Calendar year	Cumulative Total ¹	10 years or less	Greater than 10 years ¹
Acres seeded*	4.1	-0-	4.1	-0-	4.1

*include, if necessary, a description of any augmented seeding or cultural practices

For the Entire Life of Mine, the total number of acres disturbed 65.2 and the total number of acres:
Phase I released 65.2 Phase II released 65.2 Phase III released 61.1

For Mines in Permanent Cessation:

Total acreage in facilities subject to reclamation but yet to be completed -0-

For Government Performance and Results Act

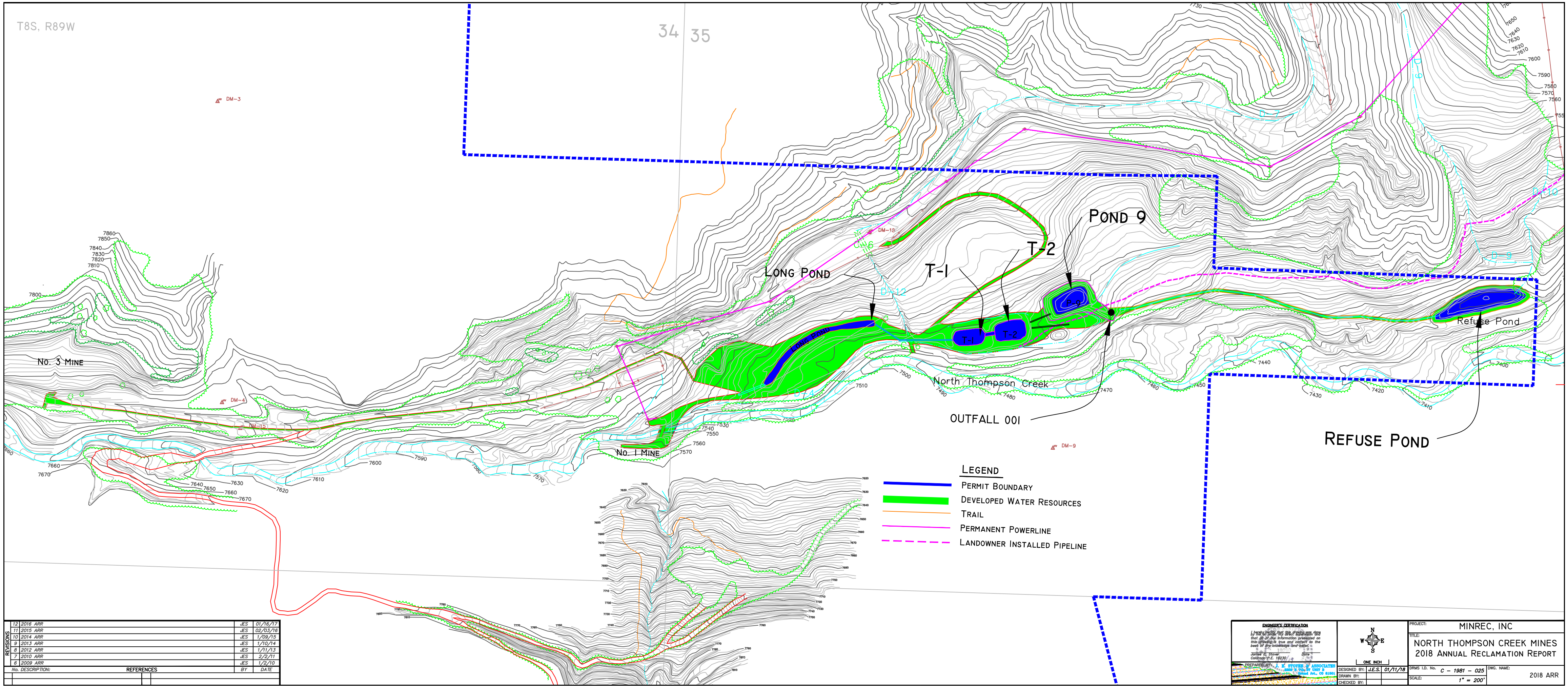
Acreage in long-term mining or reclamation facilities ² 4.1

Acreage in active mining areas ³ -0-


¹ (exclude acres where Phase III release has been achieved)

² Includes haul and access roads; temporary dams and impoundments; permanent dams and impoundments; diversion and collector ditches, water and air monitoring sites; topsoil stockpiles; overburden stockpiles; repair, storage and construction areas; office area, repair shops, and parking; coal stockpiles, loading, and processing areas; railroads; coal conveyors; refuse piles and coal mine waste impoundments; head-of-hollow fills; valley fills; ventilation shafts and entryways; and noncoal waste disposal area (garbage dumps and coal combustion by-products disposal areas).

³ Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded



REVISIONS	12	2016 ARR	JES	01/16/17
	11	2015 ARR	JES	02/03/16
	10	2014 ARR	JES	1/09/15
	9	2013 ARR	JES	1/10/14
	8	2012 ARR	JES	1/11/13
	7	2010 ARR	JES	2/2/11
No. DESCRIPTION:	6	2009 ARR	JES	1/2/10
			BY	DATE
REFERENCES				

ENGINEER'S CERTIFICATION I hereby certify that this drawing was prepared by me or under my direct supervision and that all of the information presented on this drawing is true and correct to the best of my knowledge and belief. James E. Stover Colorado P.E. 19230 / 9		 ONE INCH	PROJECT: MINREC, INC	
			TITLE: NORTH THOMPSON CREEK MINES 2018 ANNUAL RECLAMATION REPORT	
DESIGNED BY: J.E.S.			01/11/18	
DRAWN BY:				
CHECKED BY:				
PREPARED BY: J.E. STOVER & ASSOCIATES Engineers & Surveyors 1000 West 1st Avenue, Suite 200 Denver, CO 80202		DRMS I.D. No. C - 1981 - 025 SCALE: 1" = 200'		
		DWG. NAME: 2018 ARR		