

Barrick Goldstrike Mines, Inc.
PWS #EU-5077

Water Conservation Plan

Barrick Goldstrike is a Non Transient – Non Community public water system located in a remote mountainous area approximately 26 miles north of Carlin, Nevada, in northeastern Nevada. It serves approximately 2,100 persons.

The potable water supply comes from mine de-watering wells that run continuously to keep the open pit and underground mines dry.

The potable water system consists of a water treatment plant, four storage tanks, approximately four miles of water main, and 25 service connections.

This water conservation plan is submitted in accordance with the required provisions of the Nevada Revised statutes.

NRS 540.141 Required provisions of plan or joint plan of water conservation; review by Section; posting of plans and joint plans on Internet website.

1. A plan or joint plan of water conservation submitted to the Section for review must include provisions relating to:

(a) Methods of public education to:

(1) Increase public awareness of the limited supply of water in this State and the need to conserve water.

The attached notice is posted on bulletin boards and emails throughout the mine site.

(2) Encourage reduction in the size of lawns and encourage the use of plants that are adapted to arid and semiarid climates.

A small area surrounding the Administration Building is landscaped with native trees and shrubs. There are no lawns on the mine site.

(b) Specific conservation measures required to meet the needs of the service area, including, but not limited to, any conservation measures required by law.

Low flow water fixtures replace worn or broken plumbing fixtures as soon as possible. Waterless urinals are installed in various bathroom locations. An organic binder application is used as an access road dust suppressant rather than water.

(c) The management of water to:

(1) Identify and reduce leakage in water supplies, inaccuracies in water meters and high pressure in water supplies;

Suspected leaks are investigated and repaired as soon as possible. There are no metered connections. A SCADA system continuously monitors the system for abnormal run times and distribution pressures that indicate possible leakage.

(2) Where applicable, increase the reuse of effluent.

Treatment plant backwash water effluent is reused in the mine process stream.

(d) A contingency plan for drought conditions that ensures a supply of potable water.

In the event of drought, potable water will be hauled from the Elko or Carlin potable water systems utilizing a licensed potable water hauler. If the drought affects the municipal systems or the water hauler to the extent that they cannot provide potable water, the stored potable water will be used for emergency eyewash stations only. Portable restroom facilities and bottled water will be provided.

(e) A schedule for carrying out the plan or joint plan.

All appropriate personnel will be informed of the emergency and notified of the steps that need to be taken until conditions improve. All employees will be informed through posting notices at bathroom facilities, bulletin boards, and e-mails.

(f) Measures to evaluate the effectiveness of the plan or joint plan.

On site supervisors and maintenance personnel will monitor conditions on a regular basis and make adjustments as necessary.

(g) For each conservation measure specified in the plan or joint plan, an estimate of the amount of water that will be conserved each year as a result of the adoption of the plan or joint plan, stated in terms of gallons of water per person per day.

Water usage as a dust suppressant was reduced by approximately 90% in the first year of DusTreat organic binder application.

2. A plan or joint plan submitted for review must be accompanied by an analysis of:

This section of NRS 540.141 addresses water rates and is not applicable. The water system is used only by employees and contractors of Barrick Goldstrike Mines with no fees.

NRS 540.151 Supplier of water required to adopt plan to provide certain incentives; procedure for adoption of plan; adoption of joint plans permitted.

NRS 540.151 addresses incentives related to water rates and is not applicable, however items directly noted are covered under NRS 540.141. The water system is used only by employees and contractors of Barrick Goldstrike mines with no fees.

WATER CONSERVATION IS EVERYBODY'S BUSINESS

NEVADA IS THE DRIEST STATE IN THE UNITED STATES AND CAN BE SEVERELY IMPACTED BY LOWER THAN NORMAL RAINFALL OR DROUGHT CONDITIONS

PLEASE REPORT ANY LEAKING PLUMBING FIXTURES AND SUSPECTED PIPING LEAKS IMMEDIATELY TO MAINTENANCE PERSONNEL OR A SUPERVISOR