



# ENVIRONMENTAL THE STATE OF NEVADA

## PERMIT TO APPROPRIATE WATER

Name of Permittee: BARRICK CORTEZ INC.  
Source: UNDERGROUND (SH-06A)  
Basin: CRESCENT VALLEY  
Manner of Use: ENVIRONMENTAL  
Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST  
Priority Date: 05/12/2016

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### APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This environmental permit is issued pursuant to the provisions of NRS 533.4375, and provides for the completion of multiple extraction wells within the same quarter-quarter section, as long as the permitted amount is not exceeded. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection. The right will cease to exist upon termination of clean up activity, as determined by the Nevada Division of Environmental Protection, and the permittee shall notify the State Engineer within 30 days after the completion of the remediation project. All wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code. A totalizing meter must be installed and maintained in the discharge pipeline and monthly records of this measurement shall be submitted on an annual basis not later than February 15th of each year. If additional wells are drilled under this permit, a new mylar map showing the surveyed locations must be submitted with the annual report.

This permit is issued as a preferred use as provided in NRS 534.120.

This permit is issued subject to the Pipeline Gold Project Groundwater and Surface Water Monitoring Plan submitted to the State Engineer on August 2, 1993. The State Engineer may require additional monitoring should conditions warrant such modification.

An annual total of 3,481.14 acre-feet of water produced from dewatering may be used consumptively from Permits 72675, and 72677 through 72684, 78086, 78087, and 86208E for mining and milling purposes.

An annual total of 6,595.27 acre-feet of water produced from dewatering may be used consumptively from Permits 79896, 79897, 80130 through 80142 and 81730 for stock and irrigation.

Any water produced from dewatering in excess of 10,076.41 acre-feet annually shall be returned to the Crescent Valley Groundwater Basin via infiltration galleries or injection wells. The design of the rapid infiltration basins or injection wells and the delivery system to these sites shall be submitted to the State Engineer for approval.

(Continued on Page 2)

Monthly records shall be kept of the following and reported within 15 days after the end of each quarter:

- A. The total volume of water pumped from each diversion in acre-feet.
- B. The maximum flow rate from each diversion in cubic feet per second.
- C. The pumping water level from each well in feet above mean sea level.
- D. The volume of water consumptively used for mining and milling in acre-feet.
- E. The amount of water diverted to the infiltration or injection sites in acre-feet.
- F. The amount of water diverted to other stock and irrigation, if any, in acre-feet.
- G. The amount of water lost through evaporation or other system losses project wide.

The total combined diversion rate under Permits 57134, 57138, 57144, 57146 through 57148, Permit 62723, Certificate 16016; Permits 72666 through 72669, 72674, 72675; 72677 through 72685, 72687 through 72689, 78085 through 78087, 79896, 79897, 80130 through 80142, 80935 through 80938, 80971 through 80977, 81608, 81730, 82046 and 86208E shall not exceed 88.615 cubic feet per second. The total combined withdrawal of water under these permits shall not exceed 58,558.2 acre-feet annually.

This environmental permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this environmental permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.27 cubic feet per second or 195.0 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

N/A

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

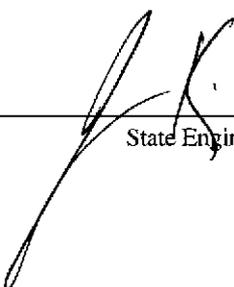
N/A

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 23<sup>rd</sup> day of June, 2016



\_\_\_\_\_  
State Engineer

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC  
WATERS OF THE STATE OF NEVADA  
FOR ENVIRONMENTAL PURPOSES**

THIS SPACE FOR OFFICE USE ONLY	
Date of filing in State Engineer's Office .....	MAY 12 2016
Returned to applicant for correction .....	
Corrected application filed .....	MAY 12 2016

The applicant Barrick Cortez Inc.

HC 66, Box 1250 of Crescent Valley  
Street Address or PO Box City or Town

Nevada NV 89821-1250 hereby make(s) application for permission to appropriate the public  
State and ZIP Code

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.)

Incorporated in Delaware September 3, 1991, File # 2272532

STATE ENGINEERS OFFICE  
MAY 10 2016

1. The source of the proposed appropriation is Underground - SH-06A  
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.27 c.f.s., not to exceed 195.0 AFA second feet.  
One second foot equals 448.83 gallons per minute

(a) If stored in reservoir, give number of acre-feet N/A

3. Remediation Order or Letter (attach copy)

(a) Issued by Nevada Division of Environmental Protection

(b) Order, Permit or Plan number WPC Permit NEV0093109

(c) Date issued October 6, 2015

4. The water is to be diverted from its source at the following point:  
within the SW¼NW¼ Section 8, T. 27N., R. 47E., M.D.M. or at a point from which the SW Corner of Section 17, T. 27N., R. 47E., M.D.M. bears South 03° 05' West, a distance of 8,887 feet. (Well SH-06A)  
Refer to map accompanying this Application.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to section corner If on unsurveyed land, it should be so stated.

*Crescent Valley  
4-54  
La*

5. Place of use:

Within Sections 1 and 12, T. 27N., R. 46E., M.D.M. and Sections 6, 7, and 8, T. 27N., R. 47E., M.D.M. Refer to map accompanying this Application.

Describe by legal subdivision. If on unsurveyed land, it should be so stated

6. Use will begin about January 1 and end about December 31 of each year.  
Month and Day Month and Day

7. Description of proposed works.

Conversion of (Barrick) Cortez Pipeline Mine monitoring well SH-06A to a pump-back well.

State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

8. Estimated cost of works in excess of \$150,000

9. Estimated time required to construct works

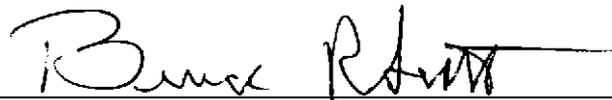
Existing drilled and cased monitor well, 498' deep, to be equipped with a pump and pipeline system. Refer to Well Log 104278.

If well completed, describe works.

10. Remarks: Describe project

This Application is to permit water pumpage to comply with Nevada Division of Environmental Protection (NDEP) Order dated 10/6/2015 in compliance with Water Pollution Control (WPC) Permit NEV 0093109, requiring conversion of (Barrick) Cortez Pipeline Mine monitoring well SH-06A to a pump-back well. This pump-back well will deliver potentially contaminated groundwater to a containment area. It is anticipated that there could be as many as (4) pump-back wells in the 40-acre subdivision containing the proposed point of diversion, with a maximum anticipated pumpage of 30 gpm from each.

By



Signature, applicant or agent

Bruce R. Scott, P.E., Agent

Name

Resource Concepts, Inc., 340 N. Minnesota Street

Street Address or PO Box

Carson City, NV 89703

City, State, ZIP Code

(775) 883-1600

Phone Number

rciwater@rci-nv.com

E-mail

**APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT**

**\$180 FILING FEE MUST ACCOMPANY APPLICATION**