

STATE OF NEVADA
Department of Conservation & Natural Resources
DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor
Leo M. Drozdoff, P.E., Director
Colleen Cripps, Ph.D., Administrator

February 13, 2013

Gerardo Rios, Chief (A-5-1)
New Source Section
Air & Toxics Division
U.S. EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

**Re: Proposed Minor Revision for Barrick Cortez, Inc.
Air Quality Operating Permit #AP1041-2141, FIN A0001**

Dear Mr. Rios:

Barrick Cortez, Inc. (Barrick) submitted an application for a minor revision of the Barrick Title V Operating Permit AP1041-2141. A copy of the **PROPOSED** pages for the Class I Air Quality Operating Permit AP1041-2141 minor revision and Director's Review are enclosed.

This minor revision proposes to:

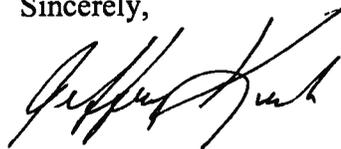
1. Revise System 10 (Pipeline Carbon Kilns S2.007 and S2.008) by increasing the PM, PM₁₀, and CO emission limits for the Pipeline Carbon Kilns. The changes are a result of July 2012 performance testing.
2. Revise System 11 (Pipeline Carbon Stripping Vessel Heaters S2.009 and S2.010) by increasing the heat input rating for each unit from 8.0 MMBtu/hr to 12.6 MMBtu/hr, increasing the fuel usage from 87.5 gallons/hr to 138 gallons/hr, and increasing the emission limits for all regulated pollutants. The two emission units were renamed to replace the term "boiler" with "heater". The two heaters will become subject to 40 CFR Part 60 Subpart Dc (greater than 10 MMBtu/hr).
3. Revise System 12 (Pipeline Mill 50 Ton Lime Silo, PF1.028) by increasing the lime unloading rate from 1 ton/hr to 4 tons/hr.
4. Revise System 31 (Cortez Hills Metallic Ore Crushing System, S2.028-S2.033) by increasing the flow rate of the baghouse from 37,397 dscfm to 40,000 dscfm and increasing the PM and PM₁₀ emission limits.
5. Revise System 32A (Cortez Hills Metallic Ore Overland Conveying System Alt Scenario, S2.043A and PF1.093) by increasing the hourly throughput from 1,000 tons/hr to 1,250 tons/hr and increasing the hourly PM/PM₁₀ emissions.
6. Remove System 47 (Cortez Hills Underground Mine Shaft Heaters S2.047-S2.048, reclassified as trivial activities).
7. Revise System 49 (Gasoline Dispensing Stations). System 49 renamed System 49A (Pipeline Gasoline Dispensing Station, S2.049, existing unit), System 49B (F-Canyon Gasoline Dispensing Station, S2.050, existing unit), and System 49C (Cortez Hills Gasoline Dispensing Station, new unit S2.056). Revise location for System 49A. Revise name for System 49B from Cortez Mill tank to F-Canyon tank. Reduce size of tank for System 49B from 4,000 gallons to 3,500 gallons.



8. Add System 52 (A30 Lime Silo, units S2.051, PF1.201, PF1.202).
9. Add System 53 (A30 Lime Silo, units S2.052, PF1.203, PF1.204).
10. Add System 54 (A30 Lime Silo, units S2.053, PF1.205, PF1.206).
11. Add System 55 (Cement Silo, units S2.054, PF1.207).
12. Add System 56 (A30 Emergency Diesel Generator, S2.055).
13. Add System 57 (A34 Emergency Diesel Generator, S2.056).
14. Add System 58 (Underground Emergency Diesel Generator, S2.057).
15. Add System 59 (Scale Building Emergency Diesel Generator, S2.058).
16. Remove General Construction Conditions in Section II for S2.009-S2.010-S2.018g-PF1.161-PF1.162-PF1.163-PF1.169-PF1.170-PF1.171-PF1.172-PF1.173-PF1.174-PF1.175-PF1.179-PF1.180. Conditions have been satisfied.
17. Remove Specific Construction Requirements in Section IIA for System 8 (S2.002-003, testing completed July 2012), System 51A (PF1.161, testing completed June 2012), System 51B (PF1.162, testing completed June 2012), System 51C (PF1.163, testing completed June 2012), System 51E (PF1.169-170-171-172-173-174-175-179-180, testing completed June 2012).
18. Revise Method 9 test duration from 3 hours to 30 minutes in Section IIA for emission units PF1.151-PF1.153, PF1.155, PF1.157-PF1.159, PF1.164-PF1.168, PF1.176-PF1.178, PF1.181-PF1.191, and PF1.193-PF1.199 that are subject to 40 CFR Part 60 Subpart OOO. The test duration for process fugitive sources subject to Subpart OOO was revised in 2009.
19. Facility changes result in a net increase of 4.91 tons/yr PM, a net increase of 4.12 tons/year PM₁₀, a net increase of 2.42 tons/yr for NO_x, a net increase of 1.36 tons/yr for SO₂, a net increase of 57.30 tons/yr for CO, and a net increase of 7.40 tons/yr for VOCs.

Pursuant to Nevada Administrative Code 445B.3425, this information is being provided to you to initiate EPA's 45-day review period. If you have any questions, please contact Randy Phillips at (775) 687-9362.

Sincerely,



Jeffrey Kinder, P.E.
Supervisor, Permitting Branch
Bureau of Air Pollution Control

JK/rp

Certified Mail No. 9171 9690 0935 0011 8835 45

Enclosures: Proposed Permit and Director's Review

Cc: Brian Musser – Barrick Cortez, HC 66 Box 1250, Crescent Valley, Nevada 89821-1250 (letter only)

Cc: Omer Shalev, Environmental Engineer – U.S. EPA, region IX (electronic proposed copy, permit, director's review, technical review and application)