INTERNATIONAL CYANIDE MANAGEMENT CODE AUDIT
GOLDSMITH MINE, NEVADA
SUMMARY AUDIT REPORT

Submitted to:

Barrick Goldstrike Mines Inc.
Goldstrike Mine
PO Box 29
Elko, Nevada 89803

and

International Cyanide Management Institute
1200 G Street N.W, Suite 800
Washington, D.C.  20005

Submitted by:

Golder Associates Inc.
44 Union Boulevard, Suite 300
Lakewood, Colorado  80228

May 16, 2007 073-81542
Goldstrike Mine ICMC Audit

Name of Project: Goldstrike Mine

Project Owner / Operator: Barrick Goldstrike Mines Inc.

Name of Responsible Manager: Vern C. Baker, General Manager

Address and Contact Information: Barrick Goldstrike Mines, Inc.
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Audit Dates: February 19-23, 2007

Location and Description of Operation

The Barrick Goldstrike Mine (Goldstrike) is located in the Little Boulder Basin adjacent to the Tuscarora Mountain Range on the county line between Elko and Eureka Counties, approximately 27 miles northwest of the community of Carlin, Nevada. Goldstrike consists of a single large open pit mine; two underground mines; overburden stockpiles; topsoil stockpiles; two tailings impoundments; a closed and reclaimed heap leach facility; two separate grinding and milling circuits feeding a roaster and carbon-in-leach (CIL) circuit and an autoclave and CIL circuit; administration and maintenance facilities; access and haul roads. The two ore processing circuits are designed, permitted and operated as zero-discharge facilities. The Goldstrike Mine complex is located on both private land and federal land administered by the U.S. Department of Interior, Bureau of Land Management.

Goldstrike is comprised of two general areas of operation: 1) the AA-Block area which includes the Betze-Post open pit, the Meikle and Rodeo underground mines, the Wet Mill/Autoclave and CIL circuit, the AA-Tailings Storage Facility, the reclaimed AA-heap leach facility; and 2) the North-Block area which includes the Roaster and CIL circuit and the North-Block Tailings Storage Facility. Goldstrike recovers precious metals at two separate mill and process circuits utilizing CIL cyanidation processing. Sulfide ore is processed either at the Roaster and CIL circuit or the Wet Mill / Autoclave and CIL circuit. Both ore processing facilities have been designed and constructed with appropriate secondary containments for pipelines and tanks with additional storage for collection of storm water from extreme precipitation events, and with controls for wildlife protection including fencing and cyanide detoxification. Tailings disposal occurs at two engineered facilities with rotating discharge points to promote drying and consolidation. The North Block tailings impoundment has a downstream constructed embankment with basin seal and geomembrane liner, in addition, the impoundment area has a composite liner system with low permeability soil liner overlain by a geomembrane liner. The entire impoundment liner system is covered with a drainage blanket to minimize hydraulic head on the liner. The AA Block tailings impoundment has a downstream constructed embankment with soil and natural materials liner system, overlain by a drainage blanket. The Roaster circuit includes an INCO sulfur dioxide cyanide destruction process to detoxify the tailings prior to discharge at the North Block tailings impoundment. The Wet Mill / Autoclave circuit utilizes a Caro’s Acid cyanide destruction process prior to discharge at either tailings impoundment.
Goldstrike has a comprehensive environmental monitoring program to evaluate the performance of the ore processing facilities and containments. The monitoring program includes daily monitoring of pond leak collection systems, quarterly sampling and analysis of groundwater and surface water, and quarterly sampling and analysis of tailings supernatant ponds. Wildlife monitoring is conducted per shift by the operators during facility inspections.

The Goldstrike mines include active dewatering operations. Water produced by Goldstrike's pumping operation that is not used in mining and milling operations is used for irrigation, infiltrated or injected into the ground, or discharged, subject to Water Pollution Control Permits and an Underground Injection Control Permit. Water quality monitoring confirmed that the dewatering circuit is separate and distinct from the cyanide processing circuit.

Goldstrike receives liquid sodium cyanide from DuPont De Nemours & Co., Inc. (DuPont) located in Carlin, Nevada in specially engineered tanker trucks. The sodium cyanide is delivered by Sentinel Transportation LLC (Sentinel). Both DuPont and Sentinel are signatory to the Code and have been certified as compliant with the Code by third-party auditors. Goldstrike stores and manages sodium cyanide in engineered tanks, pipelines and lined ponds that have had appropriate quality control and quality assurance. Goldstrike employees are trained in cyanide hazards and first aid, first response, emergency response, and specific operational task training. Goldstrike facilities are fenced to preclude wildlife and livestock from entering cyanide process areas. Goldstrike conducts daily, weekly, and monthly inspections to assure that facilities are functioning as designed and to monitor process solutions. Preventive maintenance programs are in place to assure the continuous operations. Goldstrike has approved closure and reclamation plans along with financial assurance to complete the appropriate management of cyanide solutions and solids, and the decontamination of cyanide pipelines and equipment.

Goldstrike has an emergency response team that is trained to respond to onsite fires, chemical spills and worker exposures to cyanide. Goldstrike works with local community emergency responders to assure that adequate resources are available to address both offsite and onsite emergencies.

Audit Dates: February 19-23, 2007
Auditors: Scott Miller, Lead Auditor
          Pamela Stella, Gold Mining Technical Expert Auditor
in full compliance with

The operation is

☐ in substantial compliance with All Code Principles

☐ not in compliance with

Audit Company: Golder Associates Inc.
Audit Team Leader: Scott H. Miller
E-mail: Scott_Miller@golder.com

Names and Signatures of Other Auditors:

Pamela J. Stella

Pamela J. Stella
Name of Auditor

[Signature]
Signature of Auditor

May 11, 2007
Date

I attest that I meet the criteria for knowledge, experience and conflict of interest for Code Verification Audit Team Leader, established by the International Cyanide Management Institute and that all members of the audit team meet the applicable criteria established by the International Cyanide Management Institute for Code Verification Auditors.

I attest that this Summary Audit Report accurately describes the findings of the verification audit. I further attest that the verification audit was conducted in a professional manner in accordance with the International Cyanide Management Code Verification Protocol for Gold Mine Operations and using standard and accepted practices for health, safety and environmental audits.

Scott Miller

M. G. Atencio
Notary Public
State of Colorado
County of Jefferson
My Commission expires 1/1/2010

Goldstrike Mine
Name of Facility

[Signature]
Signature Lead Auditor

May 16, 2007
Date

Golder Associates
1. PRODUCTION: Encourage responsible cyanide manufacturing by purchasing from manufacturers who operate in a safe and environmentally protective manner.

Standard of Practice 1.1: Purchase cyanide from manufacturers employing appropriate practices and procedures to limit exposure of their workforce to cyanide, and to prevent releases of cyanide to the environment.

☒ in full compliance with

☐ in substantial compliance with Standard of Practice 1.1

☐ not in compliance with

Basis for Audit Finding: Goldstrike has committed to only purchase cyanide from producers that are compliant with the International Cyanide Management Code (ICMC). Barrick Gold has a supply contract with DuPont De Nemours & Co., Inc. (DuPont) to provide sodium cyanide at Goldstrike. DuPont has been audited by third party independent auditors and certified as compliant under the ICMC.

2. TRANSPORTATION: Protect communities and the environment during cyanide transport.

Standard of Practice 2.1: Establish clear lines of responsibility for safety, security, release prevention, training and emergency response in written agreements with producers, distributors and transporters.

☒ in full compliance with

☐ in substantial compliance with Standard of Practice 2.1

☐ not in compliance with

Basis for Audit Finding: Goldstrike has a sodium cyanide supply contract with DuPont, which specifies that the operation takes ownership of the cyanide at the time of delivery in the tank. DuPont is by contract solely responsible for the production and transport of sodium cyanide to the delivery point at Goldstrike. DuPont is a signatory producer to the ICMC and subcontracts Sentinel Transportation LLC (Sentinel) for transportation of the cyanide to Goldstrike. Sentinel has been certified by third party independent auditors as compliant with the ICMC with clear lines of responsibility for safety, security, release prevention, training, and emergency response.
**Standard of Practice 2.2:** Require that cyanide transporters implement appropriate emergency response plans and capabilities and employ adequate measures for cyanide management.

- [x] in full compliance with
- [ ] in substantial compliance with Standard of Practice 2.2
- [ ] not in compliance with

**Basis for Audit Finding:** DuPont is by contract solely responsible for the production and transport of cyanide to the delivery point at Goldstrike. The supply chain from the DuPont production facility to the Goldstrike Mine includes rail transportation to Carlin, Nevada as solid sodium cyanide followed by truck transportation of liquid sodium cyanide to the mine. DuPont is a signatory producer to the ICMC and has conducted appropriate due diligence by qualified third party independent auditors on the rail transportation security, safety, training and emergency response aspects. DuPont subcontracts Sentinel for transportation of the cyanide to Goldstrike. Sentinel has been certified by third party independent auditors as compliant with the ICMC with appropriate emergency response plans and capabilities and has implemented cyanide management control measures.

**3. HANDLING AND STORAGE:** Protect workers and the environment during cyanide handling and storage.

**Standard of Practice 3.1:** Design and construct unloading, storage and mixing facilities consistent with sound, accepted engineering practices, quality control/quality assurance procedures, spill prevention and spill containment measures.

- [x] in full compliance with
- [ ] in substantial compliance with Standard of Practice 3.1
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has two liquid sodium cyanide unloading and storage facilities: 1) the Wet Mill; and 2) the Roaster. The design and construction of the cyanide unload and storage facilities have been completed appropriately as documented in final design and construction drawings prepared and stamped by Nevada registered Professional Engineers. The cyanide unload and storage facility quality control and assurance procedures and documentation include construction level drawings with detailed specifications noting foundation compaction and concrete reinforcement and piping and tankage materials. In addition these facilities have been recently reviewed and approved for continued use by the cyanide supplier and the Nevada State regulatory agency. The liquid cyanide storage tanks each have a high-level alarm and level indicator. The Roaster cyanide unloading and storage tanks are located outside with adequate ventilation. The Wet Mill cyanide unloading and storage area has the unload valving and one tank outside with adequate ventilation. Other storage tanks at the Wet Mill are located within a building with hydrogen cyanide monitoring and alarms with
fan ventilation. During unloading at both sites traffic and access is controlled by the operators. The cyanide unloading and storage areas are within concrete containment to contain releases and precipitation that may contact cyanide. As also covered under Standard of Practice 4.7, the containment areas are constructed for spill prevention and the containments sized to contain volumes greater than the single largest tank plus a design storm event. The delivery of liquid cyanide is performed in specially engineered tanker trucks. The cyanide storage is secure with all drainage valves and cyanide access points either locked or plumbed closed in the circuit.

**Standard of Practice 3.2:** Operate unloading, storage and mixing facilities using inspections, preventive maintenance and contingency plans to prevent or control releases and control and respond to worker exposures.

- [x] in full compliance with
- [ ] in substantial compliance with Standard of Practice 3.2
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has developed Standard Operating Procedures (SOPs) to prevent exposure and releases of cyanide during unloading, storage, and application. The SOPs consist of “Bulk Chemical Unloading Procedures”, “Cyanide Unloading Access” and Sentinel’s “Required PPE and Unloading Procedures 30% Sodium Cyanide Solution Tankers” that covers the responsibilities for the transporter and the site personnel. Goldstrike uses inspection forms and uses a computer database preventative maintenance program that identifies and tracks all maintenance activities at the unloading and storage tank areas. As also covered under Standard of Practice 4.1, Goldstrike has an inspection program that includes daily shift inspections, findings are entered into work orders when required. Contingency planning documents have been developed and implemented to support the process pond management and solution inventory to address power failure, and extreme rainfall management.

4. OPERATIONS: Manage cyanide process solutions and waste streams to protect human health and the environment.

**Standard of Practice 4.1:** Implement management and operating systems designed to protect human health and the environment utilizing contingency planning and inspection and preventive maintenance procedures.

- [x] in full compliance with
- [ ] in substantial compliance with Standard of Practice 4.1
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has developed and implemented operator task-specific SOPs that address protection of human health and the environment for the operation of the cyanide carbon-in-leach circuits at the Roaster and Autoclaves. In addition, Goldstrike has Operating Plans and task-
specific SOPs that describe all aspects of the facility operations. These SOPs were found to have adequate contingency planning, routine inspections, and a preventive maintenance program. SOPs address all the cyanide management tasks such as unloading and storage of cyanide; operation of the carbon-in-leach systems; operation of cyanide destruct circuit for tailings disposal. Contingency planning documents have been developed and implemented to support the process pond management and solution inventory to address power failure, and extreme rainfall management. Goldstrike has backup generators to ensure that essential process equipment and systems operate and Goldstrike has inspections that include regular testing of the backup power generator. Goldstrike uses a computer based preventive maintenance system, Oracle, to identify, issue work orders and document all preventive maintenance activities.

**Standard of Practice 4.2:** Introduce management and operating systems to minimize cyanide use, thereby limiting concentrations of cyanide in mill tailings.

- [ ] in full compliance with
- [ ] in substantial compliance with
- [x] not in compliance with

**Basis for Audit Finding:** Goldstrike receives ore for milling from a variety of sources including the Betze-Post open pit, Meikle, and Rodeo underground mines, as well as several outside sources and regularly evaluates the optimal cyanide addition rates as the ore mixture changes. Goldstrike evaluates the cyanide addition in the first CIL tank using an automatic control that analyzes pH and slurry density content every 20 minutes from the first CIL tank along with manual titrations of cyanide four times per shift. If the cyanide content is lower than the target the addition set point is increased in the first tank. Goldstrike employs a Caro’s Acid cyanide destruction system at the Wet Mill/Autoclave and an INCO Sulfur Dioxide cyanide destruction system at the Roaster to limit concentrations of cyanide in the spigot discharge of tailings to generally below 20 milligrams per liter weak acid dissociable (WAD) cyanide.

**Standard of Practice 4.3:** Implement a comprehensive water management program to protect against unintentional releases.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has developed a comprehensive water balance that addresses the uncertainty and variability of climatic data to prevent overtopping of the tailings impoundments and process facilities. Process facility inspection procedures and data collection programs have been implemented to update the water balance model on a regular basis. Goldstrike has two weather stations and measures and records precipitation data for incorporation into the model and operational planning. Daily shift inspections will include pond levels and available freeboard monitoring that is incorporated into the water balance model and operational
planning to prevent potential overtopping.

**Standard of Practice 4.4:** Implement measures to protect birds, other wildlife and livestock from adverse effects of cyanide process solutions.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has eliminated the open exposure of process solution with WAD cyanide concentrations at or above 50 mg/L. Goldstrike has two tailings impoundment underdrain ponds that contain cyanide solutions below 50 mg/L. Goldstrike’s other wildlife protection facilities include a perimeter fence around the entire property and wildlife fencing around the tailings underdrain ponds to further prevent wildlife and livestock access. The cyanide destruction systems keep the cyanide level of the tailings solution below levels lethal to wildlife. Goldstrike has personnel trained and ready to support bird hazing and rescue if required on the tailings impoundment.

**Standard of Practice 4.5:** Implement measures to protect fish and wildlife from direct and indirect discharges of cyanide process solutions to surface water.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike is designed and operated for zero-discharge of process fluids. Operation performance history, design criteria and the project water balance indicate that facilities operation is consistent with the zero-discharge requirements. Monitoring information indicates there is no impact to groundwater or surface water quality from the tailings and reclaimed heap leach operations. Spill prevention and emergency response plans have been developed to comply with the zero-discharge operating requirements.

**Standard of Practice 4.6:** Implement measures designed to manage seepage from cyanide facilities to protect the beneficial uses of groundwater.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Basis for Audit Finding:** The regional groundwater meets the beneficial use for a drinking water source. Goldstrike is designed and operated to protect groundwater resources. The project cyanide
facilities include a number of seepage control technologies: composite liner systems below the process ponds and tailings dams and impoundments consisting of compacted low-permeability soil liner overlain by geomembrane liners, double geomembrane liners with leak detection and leak collection systems underneath the process ponds, and concrete containments in process areas to protect the beneficial water use. The tailings impoundments have clay core embankments and clay liner or natural materials barrier extending underneath the impoundment footprint for the AA tailings impoundment and a composite soil liner and geomembrane liner for the North Block tailings impoundment. The tailings facilities have been operated to promote evaporation and develop consolidated tailings. Excess water is decanted off the impoundment surface and conveyed to the process circuit for reuse.

**Standard of Practice 4.7:** Provide spill prevention or containment measures for process tanks and pipelines.

- [x] in full compliance with

**The operation is**

- [ ] in substantial compliance with **Standard of Practice 4.7**
- [ ] not in compliance with

**Basis for Audit Finding:** The Goldstrike operation has secondary curbed or walled concrete containments for all cyanide storage and processing areas. Other secondary containments include pipe-in-pipe and geomembrane-lined channels. The secondary containments in the cyanide unload, storage, and cyanide processing areas have been designed to contain at least 110% of the largest tank leakage and a design storm event. Secondary containment in the unload, storage, and process areas has automated pumping systems for management of tank leakage. SOPs have been developed to address management of spill response and clean-up within the containments. Review of the operation indicates that all tanks, piping and containments are constructed of materials appropriate for handling high pH cyanide solutions.

**Standard of Practice 4.8:** Implement quality control/quality assurance procedures to confirm that cyanide facilities are constructed according to accepted engineering standards and specifications.

- [x] in full compliance with

**The operation is**

- [ ] in substantial compliance with **Standard of Practice 4.8**
- [ ] not in compliance with

**Basis for Audit Finding:** The project construction of the heap leach and tailings storage facilities has been verified by qualified engineering companies and includes detailed quality control / quality assurance (QC/QA) data collection and documentation. The QC/QA documents indicate that the construction was completed according to engineering standards and specifications. Goldstrike has committed to retain all QC/QA information in the Environmental Office.
Standard of Practice 4.9: Implement monitoring programs to evaluate the effects of cyanide use on wildlife surface and groundwater quality.

☑ in full compliance with

The operation is ☐ in substantial compliance with Standard of Practice 4.9
☐ not in compliance with

Basis for Audit Finding: Goldstrike has environmental monitoring programs developed to evaluate the performance of the cyanide management systems on wildlife, surface and groundwater quality. The environmental programs have been prepared and approved by qualified professionals and implemented by qualified personnel and include all appropriate sampling and analysis documentation.

5. DECOMMISSIONING: Protect communities and the environment from cyanide through development and implementation of decommissioning plans for cyanide facilities.

Standard of Practice 5.1: Plan and implement procedures for effective decommissioning of cyanide facilities to protect human health, wildlife and livestock.

☑ in full compliance with

The operation is ☐ in substantial compliance with Standard of Practice 5.1
☐ not in compliance with

Basis for Audit Finding: Goldstrike has developed a written closure plan and cost estimate to address Nevada State and Federal mining reclamation requirements that includes decommissioning of all cyanide equipment, pipelines and facilities. Goldstrike has developed an implementation schedule that considers the treatment and evaporation of all process solution, detoxification and rinsing of equipment, and removal and decommissioning of ponds and other containments. Goldstrike is required to update the closure plan and estimated costs at least every three years with their Nevada reclamation permit and with project changes. The closure and reclamation plan includes an implementation schedule and performance monitoring.

Standard of Practice 5.2: Establish an assurance mechanism capable of fully funding cyanide related decommissioning activities.

☑ in full compliance with

The operation is ☐ in substantial compliance with Standard of Practice 5.2
☐ not in compliance with
Basis for Audit Finding: Goldstrike has developed cost estimates with sufficient financial resources for the closure of the cyanide-related facilities and activities. Goldstrike has established an approved financial surety to cover the full cost of cyanide facility decommissioning. The US Department of Interior, Bureau of Land Management holds a financial surety from Goldstrike for approximately $60M, with the cyanide detoxification, water treatment, and material stabilization being approximately $9.5M of the total. The estimate for cyanide detoxification, water treatment, and material stabilization being approximately $4.5M for the Wet Mill cyanide circuit (planned for 2009) and $5M for the Roaster cyanide circuit (planned for 2026). The Life of Mine Plan includes an additional $20M for the long term seepage management of cyanide solutions from the heap leach and tailings facilities.

6. WORKER SAFETY: Protect workers’ health and safety from exposure to cyanide.

Standard of Practice 6.1: Identify potential cyanide exposure scenarios and take measures as necessary to eliminate, reduce and control them.

[X] in full compliance with

The operation is [ ] in substantial compliance with [ ] not in compliance with

Basis for Audit Finding: Goldstrike has identified potential cyanide exposure scenarios and developed procedures and plans to eliminate, reduce and control exposure. Goldstrike’s operating plans and individual task specific SOPs provide details for safe operation of cyanide equipment, personal protective equipment requirements and inspection requirements. Goldstrike has weekly Process Group Meetings to provide information and training to employees as well as solicit input from employees on worker safety issues. Goldstrike has a Change Management Policy that requires any proposed changes in SOPs be discussed with the area supervisors prior to implementation. All changes are communicated to the workforce and training requirements updated.

Standard of Practice 6.2: Operate and monitor cyanide facilities to protect worker health and safety and periodically evaluate the effectiveness of health and safety measures.

[X] in full compliance with

The operation is [ ] in substantial compliance with [ ] not in compliance with

Basis for Audit Finding: Goldstrike has developed SOPs for the cyanide usage areas designed to prevent the generation of hydrogen cyanide (HCN) gas in addition to locating key cyanide process facilities outside or in well ventilated buildings with appropriate HCN monitors. Goldstrike has defined process equipment, standard operational plans for control of cyanide, caustic, pH, and Hydrogen Peroxide. There are HCN sensors and alarms located outside at the Roaster cyanide storage tanks, inside at the Wet Mill storage tanks, and at the cyanide addition points at the CIL tanks. Goldstrike has required all CIL and carbon strip operators to carry mobile HCN detectors. Goldstrike
also has mobile HCN detectors for use in confined space entry. Goldstrike has established requirements for personal protective equipment at all relevant process areas and for all cyanide-related activities. Goldstrike has implemented monitoring equipment maintenance and calibration programs. Goldstrike has installed safety showers with eye wash stations and non-acidic fire extinguishers at relevant cyanide usage areas. Goldstrike provides the cyanide safety information (Material Safety Data Sheets and first aid procedures) at all key process locations and on the Goldstrike Intranet. Goldstrike has implemented an accident investigation process to report and investigate all cyanide related incidents.

Warning signs are located in areas of cyanide usage to alert workers that cyanide is in use and include the use of PPE. Unloading, storage, mixing and process tanks and piping containing cyanide are identified to alert workers of their contents, and is the direction of cyanide flow in pipes designated.

Standard of Practice 6.3: Develop and implement emergency response plans and procedures to respond to worker exposure to cyanide.

☒ in full compliance with

The operation is ☐ in substantial compliance with Standard of Practice 6.3

☐ not in compliance with

Basis for Audit Finding: Goldstrike has developed an Emergency Response Plan and implemented the Plan through training and installation of emergency response equipment. Goldstrike has safety equipment including safety showers with eye wash stations, first aid equipment (amyl nitrite, medical oxygen, and resuscitator), an emergency response vehicle, and employee first aid training. Goldstrike has an Emergency Response Team for all shifts. They are trained to provide first aid for cyanide exposure including oxygen and amyl nitrite administration. Goldstrike has a program to store and replace cyanide exposure antidotes in accordance with the manufacturer’s requirements at several locations on the property. In the event of a worker exposure Goldstrike will provide on-site first aid. The hospital will provide intravenous cyanide antidote for treatment of the patient. Goldstrike has made formal arrangements with local hospitals to treat cyanide exposed workers. Goldstrike has conducted cyanide exposure drills and tests the relevant emergency procedures at least once per year.

7. EMERGENCY RESPONSE: Protect communities and the environment through the development of emergency response strategies and capabilities.

Standard of Practice 7.1: Prepare detailed emergency response plans for potential cyanide releases.

☒ in full compliance with

The operation is ☐ in substantial compliance with Standard of Practice 7.1

☐ not in compliance with
**Basis for Audit Finding:** Goldstrike has developed and implemented an Emergency Response Plan and procedures to respond to cyanide related emergencies and emergency control management that address potential cyanide releases including containment plans and analysis of potential scenarios. The emergency response plans will be evaluated and updated at least annually.

*Standard of Practice 7.2:* Involve site personnel and stakeholders in the planning process.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Standard of Practice 7.2**

**Basis for Audit Finding:** Goldstrike has developed and implemented an Emergency Response Plan and procedures to respond to cyanide related emergencies and emergency control management that address potential cyanide releases including containment plans and analysis of potential scenarios. The emergency response plans will be evaluated and updated at least annually.

*Standard of Practice 7.3:* Designate appropriate personnel and commit necessary equipment and resources for emergency response.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] not in compliance with

**Standard of Practice 7.3**

**Basis for Audit Finding:** Goldstrike has designed, implemented, and periodically tested their Emergency Response Plan and training SOPs. Goldstrike is in substantial compliance with Standard of Practice 7.2 and 7.3. Goldstrike has designed a plan to address potential cyanide releases including containment plans and analysis of potential scenarios. The emergency response plans will be evaluated and updated at least annually.

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**Goldstrike Mine**

**Name of Facility**

**Signature Lead Auditor**

**May 16, 2007**

**Date**

**Golder Associates**

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describing Goldstrike Mine Personnel Duties and Responsibilities. The section details the responsibilities of the Incident Commander and the Safety and Environmental Departments. The ERG contains a list of emergency response equipment for the on-site transportation route. All emergency equipment and supplies are inspected monthly by the Safety Department.

**Standard of Practice 7.4:**

*Develop procedures for internal and external emergency notification and reporting.*

- [x] in full compliance with

**The operation is**

- [ ] in substantial compliance with Standard of Practice 7.4
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike’s Emergency Response Plan and Operating Plan detail the procedures (including current contact telephone numbers) for internal and external emergency notification and reporting.

**Standard of Practice 7.5:**

*Incorporate into response plans and remediation measures monitoring elements that account for the additional hazards of using cyanide treatment chemicals.*

- [x] in full compliance with

**The operation is**

- [ ] in substantial compliance with Standard of Practice 7.5
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has prepared cyanide response and remediation plans that address appropriate uses and situations for cyanide treatment chemicals. Goldstrike has developed plans to sample and monitor soils and groundwater in the event of a cyanide spill.

**Standard of Practice 7.6:**

*Periodically evaluate response procedures and capabilities and revise them as needed.*

- [x] in full compliance with

**The operation is**

- [ ] in substantial compliance with Standard of Practice 2.2
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has committed to annual evaluation and update of the Emergency Response Plan, if needed. Additionally, at least once per year Goldstrike will conduct haz-mat emergency response drills.
8. TRAINING:  

Train workers and emergency response personnel to manage cyanide in a safe and environmentally protective manner.

Standard of Practice 8.1: 

Train workers to understand the hazards associated with cyanide use.

☒ in full compliance with

The operation is ☐ in substantial compliance with ☐ not in compliance with

Basis for Audit Finding: Goldstrike provides training to all employees, with the potential to be exposed to cyanide, on the hazards of cyanide and provides annual refresher training. Goldstrike retains all cyanide training records for employees. The cyanide related performance assessment tests are also retained in the employees’ permanent record.

Standard of Practice 8.2: 

Train appropriate personnel to operate the facility according to systems and procedures that protect human health, the community and the environment.

☒ in full compliance with

The operation is ☐ in substantial compliance with ☐ not in compliance with

Basis for Audit Finding: Goldstrike has prepared and implemented SOPs for cyanide management tasks that detail health and safety procedures for all aspects of cyanide unloading, handling, mixing and storage, carbon-in-leach operations, cyanide destruction systems, and the tailings storage facility.

Goldstrike requires MSHA and HAZCOM training, and specific departments receive additional specific training for their work area (cyanide storage, carbon-in-leach, cyanide destruction systems). Goldstrike’s training program identifies the specific cyanide management elements that each employee must be trained in to perform that specific job properly. New Goldstrike employees are required to have the new hire training and pass a written test before working with cyanide. Goldstrike employees who work in areas that cyanide is used are also trained in MSHA and HAZCOM. All Goldstrike employees, with the potential to be exposed to cyanide, receive annual refresher training that includes cyanide safety. Goldstrike employees working in specific cyanide management tasks receive annual refreshers for those tasks. MSHA and HAZCOM are included in the annual refresher training. Goldstrike requires written tests to evaluate the effectiveness of cyanide training and those training records are retained throughout an individual's employment documenting the training they receive. The records include the names of the employee and the trainer, the date of training; the topics covered, and test results demonstrating an understanding of the training materials.
Standard of Practice 8.3: Train appropriate workers and personnel to respond to worker exposures and environmental releases of cyanide.

- [ ] in full compliance with
- [ ] in substantial compliance with Standard of Practice 8.3
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike has provided training in response to cyanide releases for all production and maintenance personnel and developed a First Responder Team. Goldstrike has developed procedures and plans for cyanide-related tasks. The Emergency Response Plan, the Cyanide Management Plan and procedures define the response required by operators if a person is exposed to cyanide or if there is an environmental release.

Goldstrike has an Emergency Response Team comprised of full-time employees trained in first aid and use of resuscitation equipment.

Goldstrike is committed to at least one annual mock cyanide emergency response drill that will include both human exposure and environmental release. The drill will be analyzed and improvements made to training procedures and the emergency response plan as required.

9. **DIALOGUE:** Engage in public consultation and disclosure.

**Standard of Practice 9.1:** Provide stakeholders the opportunity to communicate issues of concern.

- [ ] in full compliance with
- [ ] in substantial compliance with Standard of Practice 9.1
- [ ] not in compliance with

**Basis for Audit Finding:** Goldstrike provides the opportunity to communicate issues of concern with the public through quarterly community communication sessions that Goldstrike sponsors and conducts. At these meetings, the members of the general public and government leaders are encouraged to attend and discuss issues related to the mining operation including the use of cyanide.

**Standard of Practice 9.2:** Initiate dialogue describing cyanide management procedures and responsively address identified concerns.

- [ ] in full compliance with
- [ ] in substantial compliance with Standard of Practice 9.2
- [ ] not in compliance with
**Basis for Audit Finding:** Goldstrike provides the opportunity to communicate issues of concern with the public through contact with the local stakeholders during mock drills, the quarterly communication sessions and public tours.

*Standard of Practice 9.3:* Make appropriate operational and environmental information regarding cyanide available to stakeholders.

- [x] in full compliance with
- [ ] in substantial compliance with
- [ ] Not in compliance with

**Basis for Audit Finding:** Goldstrike has prepared as part of the Water Pollution Control Permit application, which is a public document, a written description of the use and management of cyanide at the site. Goldstrike provides quarterly reports to the Nevada Division of Environmental Protection (NDEP) Bureau of Mining Regulation and Reclamation that includes a summary of cyanide spills and releases, and environmental performance monitoring. These reports are available to the public by request. Goldstrike is required to complete MSHA reports that would include any cyanide related worker exposure or death. Barrick provides operational and environmental information in Barrick’s annual corporate safety and health, environment and social responsibility reports, and on Barrick’s website (www.Barrick.com).