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May 8, 2025

Project No. 23-01-200

Alan Pineda, PE  
Professional Engineer  
Bureau of Industrial Site Cleanup  
Nevada Division of Environmental Protection  
375 E. Warm Springs Rd., Ste. 200  
Las Vegas, NV 89119

Attn: Mr. Pineda

Re: **Modification No. 1 to the Perimeter Air Monitoring Plan, Revision 1**  
AQ Site 2 Relocation  
Three Kids Mine, Henderson, Nevada

Dear Mr. Pineda:

Broadbent & Associates, Inc. (Broadbent) is pleased to submit this revised modification to the *Perimeter Air Monitoring Plan, Revision 1* for the Three Kids Mine located in Henderson, Nevada.

Please do not hesitate to contact us if you should have any questions or require additional information.

Sincerely,  
BROADBENT & ASSOCIATES, INC.

Kirk Stowers, CEM  
Principal Geologist

CC: JD Dotchin, NDEP  
Joe McGinley, McGinley & Associates, Inc.  
Caitlin Jelle, McGinley & Associates, Inc.  
Ann Verwiell, ToxStrategies  
Robert Unger, Lakemoor Ventures LLC  
Mindy Unger-Wadkins, Lakemoor Ventures LLC  
Leo Drozdoff, Drozdoff Group, LLC  
Karen Gastineau, Broadbent & Associates, Inc.  
Christene Klimek, City of Henderson  
Sean Robertson, City of Henderson  
Stephanie Garcia-Vause, City of Henderson  
Anthony Molloy, City of Henderson  
Quincy Edwards, Pulte Group  
Doug Adair, Pulte Group  
Paul Kenner, on behalf of Pulte Group  
Michael Ford, Snell & Wilmer  
Brad Cahoon, Dentons  
Bryan Douglass, Douglass, Inc.  
Charles M. Damus, Laker Development, LLC  
Darryn Padfield, River Mountain Bike Shop  
David Grossheim, Laker Plaza, Inc.  
Frank Sator, Laker Development, LLC  
Laird Sanders, Lake Mead Boat Storage  
Rhonda Sanders, Lake Mead Boat Storage  
Tyler Cahoon, Dentons

**Modification No. 1 to the Perimeter Air Monitoring Plan, Revision 1**  
**AQ Site 2 Relocation**  
**Three Kids Mine**  
**Henderson, Nevada**

JURAT: I, Karen Gastineau, certify that I am responsible for the services in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, State, and local statutes, regulations, ordinances, and the requirements of the Mine Remediation and Reclamation Agreement and Administrative Order on Consent for the Three Kids Mine Site.



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**Karen Gastineau**  
**Senior Hydrogeologist**  
**CEM #2468 (4/1/2027)**

May 8, 2025

**Date**

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## TECHNICAL MEMORANDUM

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To: Alan Pineda, Nevada Division of Environmental Protection

From: Karen Gastineau, Broadbent & Associates, Inc.

Subject: Modification No. 1 to the Perimeter Air Monitoring Plan, Revision 1  
AQ Site 2 Relocation  
Three Kids Mine Site, Henderson, Nevada

Date: May 8, 2025

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This Technical Memorandum presents Broadbent & Associates, Inc.'s Modification No. 1 to the *Perimeter Air Monitoring Plan, Revision 1* dated April 23, 2024 (PAMP) for the Three Kids Mine Site (Site) in Henderson, Nevada. This modification presents the need to relocate Air Quality Site 2 (AQ Site 2) and the rationale for the new location.

### Requirement to Relocate AQ Site 2

AQ Site 2 is one of four air monitoring locations and is currently located near the center of the northern perimeter boundary of the Site with residential areas to the north. Air monitoring data have been collected at AQ Site 2's current location since April 25, 2024. The location is within the impacted area of the former mine site requiring reclamation, which includes over-excavation and placement of a ten-foot cover as described in the *Remedial Design Report, Revision 1* (Broadbent 2024). Placement of cover material started in the northwest corner of the impacted area and will progress to the east, encompassing the current AQ Site 2 location. Moving AQ Site 2 temporarily will allow reclamation to be completed in its current location.

### Rationale for AQ Site 2 Location

The proposed modified AQ Site 2 location is 500 feet to the southwest of the current AQ Site 2 location in an area where cover material has already been placed (Figure 1). The proposed AQ Site 2 serves the same purpose as AQ Site 2 as described in the PAMP, which is to monitor air quality downwind of important mine site features. The tailings ponds have been excavated and contained in the Hydro Pit, so remaining mine site features include primarily waste rock piles. Wind direction data collected from AQ Site 1 confirm that this location is typically downwind of the former mine site based on the predominant wind direction (Figure 2). Additionally, the proposed AQ Site 2 is as close as possible within already reclaimed areas of the site to the current location, allowing for comparable data. When the ten-foot cover has been placed in the area of the AQ Site 2 location as included in the PAMP, the air monitoring station will be moved back to its original location (Current AQ Site 2 in Figure 1).

### Figures

Figure 1 (Revised)      Monitoring Locations

Figure 2                AQ1 Wind Rose Chart (April 24, 2024 to May 6, 2025)

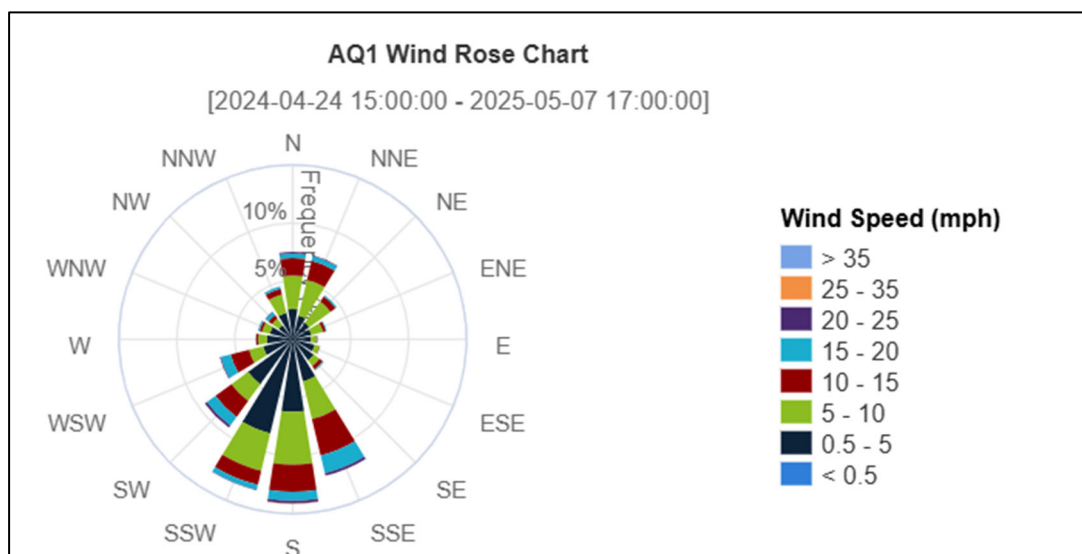
### References

Broadbent. 2024. *Remedial Design Report, Revision 1, Three Kids Mine, Henderson, Nevada*. March 4.

Ramboll. 2024. *Perimeter Air Monitoring Plan, Revision 1 - PAMP, Three Kids Mine Remediation and Reclamation Project*. April 23.



**Figure 1** Monitoring Locations (Revised). Google Earth. Blue pins depict perimeter air monitoring locations. The black line represents the impacted area of the former mine site.



**Figure 2** AQ1 Wind Rose Chart (April 24, 2024 to May 7, 2025)