

OFFICE OF THE NEVADA ENVIRONMENTAL RESPONSE TRUST TRUSTEE

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November 21, 2019

Dr. Weiquan Dong, P.E.
Bureau of Industrial Site Cleanup
Nevada Division of Environmental Protection
2030 E. Flamingo Rd, Suite 230
Las Vegas NV 89119

RE: Barrier Wall Integrity Evaluation Report, Revision 1
Nevada Environmental Response Trust
Henderson, Nevada

Dear Dr. Dong:

The Nevada Environmental Response Trust (NERT) is pleased to present the Barrier Wall Integrity Evaluation Report, Revision 1 for Nevada Division of Environmental Protection (NDEP) review. This revised report addresses NDEP's comments dated October 24, 2019. An annotated response to comments is also provided as requested.

If you have any questions or concerns regarding this matter, feel to contact me at (702) 960-4309 or at steve.clough@nert-trust.com.

Office of the Nevada Environmental Response Trust



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Remediation Director
CEM Certification Number: 2399, exp. 3/24/21

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Jack Luna, EMD
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NDEP Comment	Response to Comment
General Comments	
<p>NDEP indicated that their comments are mostly editing errors. NDEP suggests NERT eliminate or reduce these issues in future deliverables.</p>	<p>NDEP's comment is noted. Additional editorial review will be performed for future deliverables.</p>
Report Comments	
<p>1. <u>Section 3.3. Summary of Willowstick Results, first paragraph:</u> "The survey was able to provide reliable results over the entire length of the wall except in the western-most third of Survey Area 1, near the Building D1 where subsurface and overhead utilities interfered with the signal and measurements." "Area 1" should be "Area 3".</p>	<p>Section 3.3 has been revised to replace "Area 1" with "Area 3".</p>
<p>2. <u>Section 7.1 Methodology, first paragraph:</u> "The East Injection Well dye tracer well network consisted of injection well BWTR-1, and monitoring wells BWTR-2, BWTR-3 and M-74 (Figure 13). The West Injection Well dye tracer well network consisted of injection well BWTR-4, monitoring wells BWTR-5, BWTR-6, and M-140 (Figure 14)." These well IDs don't correctly correspond them on Figures 13 and 14. Please correct them.</p>	<p>Section 7.1 has been corrected to indicate that Figure 13 shows injection well BWTR-4 and monitoring wells BWTR-5, BWTR-6, and M-74 and that Figure 14 shows injection well BWTR-1 and monitoring wells BWTR-2, BWTR-3, and M-140.</p>
<p>3. Figures 12 and 13 – The Final paragraph in Section 7.4 Tracer Test Dye Introduction states that post-dye tracer introduction monitoring was conducted at well M-179. However, well M-179 is not shown in Figure 12 or 13 (M-179 is located approximately halfway between M-72 and M-73). Please correct it.</p>	<p>Monitoring wells M-179 and M-73 were referenced in error. Monitoring did not take place at these wells. Rather, the post-dye tracer monitoring was performed at previously existing wells M-74 and M-140 only. The final paragraph in Section 7.4 has been revised to reflect that monitoring was performed at M-74 and M-140.</p>
<p>4. Table 7 – The final paragraph in Section 7.4 Tracer Test Dye Introduction states that "post-dye tracer introduction monitoring was conducted...at monitoring wells M-179 and M-73, thereby providing a well network of four monitoring wells for each tracer test." However, Table 7 does not show the results for wells M-179 and M-73. Please correct it.</p>	<p>Monitoring wells M-179 and M-73 were referenced in error and have been removed from the text. Rather, the post-dye tracer monitoring was performed at previously existing wells M-74 and M-140 only. Therefore, Table 7 did not require revision.</p>