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ENVIRONMENTAL PROTECTION

Ms. Lisa Johnson, CEM, CHMM  
Bureau of Corrective Actions  
Nevada Division of Environmental Protection  
901 South Stewart Street, Suite 4001  
Carson City, Nevada 89701

**Subject: Report of Findings and Recommendations  
Old White Pine County Landfill  
Ely, Nevada  
MACTEC Project No. 4088064331**

Dear Ms. Johnson:

This letter report summarizes the improvements completed to date at the old White Pine County Landfill site, the results of a site meeting, conclusions reached and recommendations for completion of work on the project.

## **BACKGROUND**

During the summer of 2005, regarding and debris consolidation work was completed at the old White Pine County Landfill that resulted in approximately half of the 10 acre site receiving old landfill debris. The debris was consolidated into the eastern 5-acre portion of the site with the western 5-acre portion of the site being cleared of debris. As part of the grading contract with Country Construction Co. of Ely, Nevada, the entire site was to be seeded at the completion of the grading operations.

The grading operations were completed in late 2005 and at that time it was deemed too late in the year for the seed to germinate with winter approaching. During the time the contractor was off-site waiting for the appropriate time for seeding, off road vehicle traffic disturbed the slopes constructed, resulting in fairly substantial erosion gullies developing within the slopes during periods of rain and snow melt. With approval from the Nevada Division of Environmental Protection (NDEP), the contractor was authorized to import coarse gravel to fill the erosion gullies and complete the seeding of the site. This work was completed in May of 2006.

## **SITE MEETING**

On November 1, 2006 a site meeting was held to review the existing site conditions and discuss what might be done to complete work at the site. In attendance were Lisa Johnson of NDEP, Hank Blair, White Pine County Public Works Director and Don Curphey of MACTEC. Overall, the site appeared to be in very good condition. Grading at the site was conducted in general accordance with the grading plan prepared by

MACTEC and the erosion gullies were filled with gravel. However, the seeding conducted earlier in the year by the contractor had not resulted in the vegetation at the site as anticipated. Rain water had washed the majority of the seed to the lower elevations of the site on the eastern edge and northeast corner of the site. Vegetation on the remainder of the site consisted of sparse patches of sagebrush.

## **RECOMMENDATIONS**

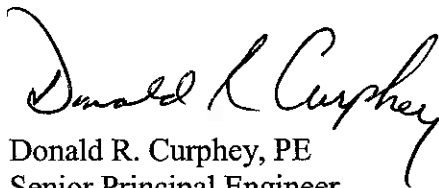
Based on site observations and discussions, the following recommendations were developed for future site improvements:

- The 5-acre portion of the site where the landfill debris has been relocated, generally the eastern half, should be fenced off to preclude additional off road traffic and the possible future dumping of debris. Current plans are for White Pine County to retain ownership of this portion of the site.
- Reseed the entire site area with a seed mix appropriate for the site area. The Bureau of Land Management (BLM), White Pine County or other agencies familiar with the site area should be contacted for guidance on the type of seed mix and placement procedures for use at the site.
- The 5-acre western portion of the site, which has been cleared of debris and is not expected to be fenced, will remain available to White Pine County for development by the County or sale to a private party for future development.

In general, the reseeded of the site should be planned for placement in the April/May 2007 timeframe. Construction of a fence for enclosure of the portion of the site containing the old landfill debris should be completed immediately subsequent to the reseeded.

We hope that the discussion presented above meets with your current needs for the project. If we can provide you with any additional information or be of further assistance, please contact the undersigned at 775-326-5352.

**Respectively submitted,  
MACTEC Engineering and Consulting, Inc.**

  
Donald R. Curphey, PE  
Senior Principal Engineer

Cc: Bruce Wilcer, MACTEC