

## 6.0 Groundwater Monitoring and Corrective Action Plan

The SCA Facility has a comprehensive groundwater monitoring and corrective action plan. SCA prepared a site specific groundwater monitoring and corrective action plan pertaining to the SCA#2 Ash Landfill. The site specific plan is designed to closely monitor groundwater quality and evaluate each constituent and compare with background levels to detect any potential statistically significant increases. The monitoring system includes one uphill and three downhill monitoring wells. Each of these four wells will be monitoring at least semi-annually throughout the active life and post closure period of the SCA#2 Ash Landfill.

The statistical method utilizing a control chart approach, with typical control limits of three standard deviations above the mean, is appropriate for evaluating the groundwater monitoring data for the CCR management area.

I certify that this groundwater monitoring and corrective action plan meets the requirements of federal regulations 40CFR §257.90 thru 257.98 and corresponding Utah Code Rules R315-319-90 thru R315-319-98 for an Existing CCR Landfill. The groundwater monitoring system has been designed and constructed to meet the requirements of Section R315-319-91.

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October 2017

