

Exhibit No. 4

(Reference: Question 10)

The objectives of this project are to operate a 915 MHz radar wind profiler that will collect upper air wind measurements to support ozone studies, forecasting of air pollution and modeling for the Clark County Department of Air Quality and Environmental Management. This site will also provide wind data to the greater meteorological community that could be used to improve weather forecasting in the region. The nearest upper air wind measurement site is located 70 km to the northwest in an area that is not representative of the lower atmospheric winds in the Las Vegas Valley. Specific uses of the wind data include estimating times and quantities of ozone transport from southern California into Las Vegas; determine extent to which upslope and downslope flows and recirculation in northwest Las Vegas contribute to highest 8-hr ozone averages; estimate inter-valley transport for the Ivanpah, Las Vegas, and Apex Valleys; and describe meteorological effects on ozone clearing and buildup. This site is unique that it is located approximately in the center of the Las Vegas Valley and anticipated to capture winds representative of the valley and useful for the ozone studies to be completed over the next few years.