SYNOPSIS OF THE INFORMATION ITEM PROVIDING AN UPDATE ON THE PCAPCD/UPRR ROSEVILLE RAILYARD ACTIVITIES

The staff report for this item provides a comprehensive review of district involvement with the rail related activities at the Roseville rail yard leading up to and including the current status of the various elements of our Agreement for mitigation and air monitoring with Union Pacific. The Board has been updated frequently regarding portions of elements, however this report combines all the information to date into one document. The status of each of the three elements of our Agreement (Mitigation Plan, the Grant Program, and the Monitoring Project) is provided in detail in an attempt to comply with the overall intent of the Agreement, which contains language to provide "progress reports towards achieving the emissions reductions...to the District Board and community by the end of the calendar years 2005, 2006, and 2007." It is staff's opinion that there has been significant progress towards implementation of the elements of our local Agreement, however the quantification of emissions reductions associated with the mitigation measures cannot be made at this time.

The Mitigation Plan has four components, the first two of which are also contained in a new Statewide Railroad Agreement for emission reductions related to railroad facilities. These are 1) Reduction of unnecessary idling; 2) Increase use of low sulfur diesel fuel; 3) Upgrade the locomotive switcher fleet; and 4) Investigate use of an emissions collection hood system for use during maintenance and service activities.

There is progress on each of these measures, and UPRR will provide specifics with respect to the idling and fuel provisions impacts at Roseville and the staff report details the added enhancements to be gained from the Statewide MOU in these areas. There are also specific projects identified and moving forward for both upgrading the switcher fleet assigned to the hump and trim operations and demonstrating a emission collection hood system.

The first iteration of the Grant Program has been initiated with \$50,000 from UPRR being applied via the district's 2005 Clean Air Grant Program towards retrofitting four Roseville City refuse trucks with emissions exhaust treatment devices (particulate traps and oxidation catalysts) and UPRR has been invoiced to provide a second year's grant installment, which staff will again utilize in the 2006 Clean Air Grant cycle.

The Air Monitoring Project is operational, with the design parameters scientifically validated and the first year's data successfully captured and under analysis by our contractor, Desert Research Institute (affiliated with the University of Nevada). Results of year 1 are due for review by the Technical Advisory Committee in February, with a report to your Board in April. Year 2 monitoring will commence in July, 2006 with the advent of the predictable wind patterns, however some instrumentation will remain operational throughout the year.