

Thomas J. Christofk, Air Pollution Control Officer

EXECUTIVE SUMMARY

Union Pacific Railroad Company (UPRR) Mitigation Measures Evaluation

Action Requested:

None. This is an information item addressing the diesel particulate mitigation measures being evaluated for implementation at the Roseville Rail Yard and UPRR representatives will provide a presentation on the efforts to date.

Synopsis:

On October 14, 2004, your Board received a report and presentation by the Air Resources Board (ARB) entitled Roseville Rail Yard Study, which addressed diesel emissions at the facility and their related health risks. UPRR representatives also provided a briefing during that session in which they described what they had done to reduce emissions and what they were planning to do in the future. As you may recall, the District had requested the study to: (1) determine the level of risk to the public from the emissions at the rail yard; (2) what that risk meant in comparable terms to other sources of diesel emissions; and (3) what could be done to reduce the emissions, and thereby reduce the risks. On December 9, 2004 your Board approved Resolution #04-21 authorizing the Chairman and the APCO to sign an Agreement with UPRR regarding mitigation measures and air monitoring for the Roseville Rail Yard. The terms of that Agreement with respect to mitigation measures indicated that "specific mitigation measures will be evaluated by UP, working with the District, over the next six months; the results of the mitigation measures evaluation will be presented to the District Board and community in April 2005" (Agreement §2.A.ii, iii).

The mitigation measure evaluation has yielded four areas of potential emission reductions thus far. Some elements of these areas have already been implemented, while others are receiving closer scrutiny. The four areas are: reduction of unnecessary idling; introduction of low-sulfur diesel fuel for intrastate locomotives; switcher locomotive fleet replacements/upgrades; and emission control from the service, test, and repair locations.

Recommendation:

None.

