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Thomas J. Christofk, Air Pollution Control Officer

EXECUTIVE SUMMARY

ROSEVILLE RAIL YARD STUDY

Action Requested:

No action is requested. District staff will distribute the Roseville Rail Yard Study and provide information regarding the findings.

Synopsis:

In response to complaints that the District received regarding diesel exhaust odors from nearby residents of the Union Pacific Rail Road J.R. Davis facility in the City of Roseville, the District requested that the California Air Resources Board conduct a health risk assessment for diesel particulate matter at this facility. The District has focused upon seeking ARB assistance in addressing three "macro" objectives for this assessment:

1. What is the risk to the public being exposed to the emissions from the facility?
2. What does it mean, in comparable terms, to other sources of diesel emissions?
3. What can be done to reduce the emissions, and thereby reduce the risk?

Specific objectives for the District are: for an accurate assessment; provide full disclosure to the public; provide a factual presentation of the assessment to the public; identify mitigation measures for risk reduction; develop and implement a risk reduction plan; and follow-up the analytical assessment with an air monitoring program. An additional objective was identified to characterize the acute health effects.

The District anticipates that the report will indicate an elevated risk impacting a large area around the Union Pacific Rail Yard facility due to the amount of diesel particulate matter emitted. Specific details of the report will be presented at the Board of Directors meeting by Daniel E. Donohoue, Chief, Emissions Assessment Branch at the California Air Resources Board.

District staff is working on strategies to implement risk reduction measures at the Rail Yard.

Recommendation:

None.