

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Environmental Resources/Parks & Recreation

BOARD AGENDA # *B-2

Urgent

Routine

AGENDA DATE February 28, 2012

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval for the Director of the Departments of Environmental Resources and Parks and Recreation to Apply for, Accept, and Enter into Heavy Duty Engine Grant Agreements with the San Joaquin Valley Air Pollution Control District for Fiscal Years 2011-2012 and 2012-2013

STAFF RECOMMENDATIONS:

1. Authorize the Director of Environmental Resources to apply for, accept, and enter into a Heavy Duty Engine Program Grant Agreement with the San Joaquin Valley Air Pollution Control District for \$320,549.19 for fiscal years 2011-2012 and 2012-2013.
2. Authorize the Director of Environmental Resources to approve and sign any amendments to the Heavy Duty Engine Program Grant Agreement with the San Joaquin Valley Air Pollution Control District for fiscal years 2011-2012 and 2012-2013.

(continued on next page)

FISCAL IMPACT:

If approved, the Director of the Departments of Environmental Resources and Parks and Recreation will be authorized to apply for, accept, and enter into Heavy Duty Engine Program Grant Agreements with the San Joaquin Valley Air Pollution Control District for fiscal years 2011-2012 and 2012-2013. The total cost of the proposed equipment upgrades is \$507,693.70.

(continued on next page)

BOARD ACTION AS FOLLOWS:

No. 2012-077

On motion of Supervisor Monteith, Seconded by Supervisor Chiesa
and approved by the following vote,

Ayes: Supervisors: Chiesa, Withrow, Monteith, De Martini and Chairman O'Brien

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: Chairman O'Brien

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

4) _____ Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval for the Director of the Departments of Environmental Resources and Parks and Recreation to Apply for, Accept, and Enter into Heavy Duty Engine Grant Agreements with the San Joaquin Valley Air Pollution Control District for Fiscal Years 2011-2012 and 2012-2013

STAFF RECOMMENDATIONS (Continued):

3. Authorize the Director of Parks and Recreation to apply for, accept, and enter into a Heavy Duty Engine Program Grant Agreement with the San Joaquin Valley Air Pollution Control District for \$113,295.66 for fiscal years 2011-2012 and 2012-2013.
4. Authorize the Director of Parks and Recreation to approve and sign any amendments to the Heavy Duty Engine Program Grant Agreement with the San Joaquin Valley Air Pollution Control District for fiscal years 2011-2012 and 2012-2013.

FISCAL IMPACT (Continued):

Included within this total is one engine retrofit for a Parks and Recreation forklift which will be fully funded at \$15,368.05 (no matching funds required). Of the remaining equipment cost, or \$492,325.65, 85% grant funding is available and will be requested as follows: \$320,549.19 for Environmental Resources and \$97,927.61 for Parks and Recreation, for a total of \$418,476.80. The required matching fund amounts, or 15% for engine repowers, are as follows: \$56,567.51 for Environmental Resources and \$17,281.34 for Parks and Recreation, for a total of \$73,848.85. The grand total of grant funds being requested is \$433,844.85. The matching funds would be funded through Vehicle License Fees, leaving an estimated balance of \$376,095 in that fund. If the Departments are successful in obtaining these grant funds, the revenue and appropriations associated with these Agreements will be submitted in a quarterly Budget adjustment interval or the Fiscal Year 2012-2013 Proposed Budget. The exact timing of the receipt of grant funds is not yet known.

DISCUSSION:

The California Air Resources Board (ARB) is responsible for developing statewide programs and strategies to reduce the emission of smog-forming pollutants and toxics from mobile sources. Mobile sources include off-road vehicles and equipment. The Departments of Environmental Resources and Parks and Recreation have within their inventories, several pieces of off-road equipment which are regulated by ARB. ARB requires that off-road fleets continually meet more stringent requirements as one of many strategies in reducing emissions. For equipment, this is accomplished through engine retrofits, engine replacements (repowers), or replacing the equipment entirely by removing it from the fleet.

As an agency, Stanislaus County is considered to be a large fleet. Departments must register their individual fleets with the ARB and annually track equipment usage in hours, fuel usage, the retirement of vehicles, etc., so that ARB may monitor compliance. Equipment repowers represent a good business decision because they greatly extend the lifespan of the equipment in addition to assisting with the County's compliance efforts. The Departments of Environmental Resources and Parks and Recreation are eligible for this type of grant funding because these upgrades would be installed in advance of them being specifically required.

The San Joaquin Valley Air Pollution Control District (SJVAPCD) is currently offering incentive funds from their Heavy Duty Engine Program for the implementation of new reduced emissions

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technologies to assist local governments in meeting the ARB's more stringent standards. Engines are classified into numbered "tiers" from Tier 0, which indicates no emission controls, to Tier 4 which reflects the highest degree of emission control that is currently available. To achieve greater control, engine repowers and retrofits must increase by at least one Tier. Funds are provided on a first-come, first-serve basis, for installing the following: Tier 1 engine repowers – 75% funding is available; Tier 2 engine repowers – 80% funding; Tier 3/Interim Tier 4/Tier 4 engine repowers – 85% funding; and engine retrofits – 100% funding.

The following table summarizes the eligible equipment currently in inventory for which upgrades are available and the corresponding cost estimates which have been obtained:

SJVAPCD Heavy Duty Engine Grant Program						
Division or Dept	Equipment to be Repowered	Current Regulatory Tier	Reg. Tier to be Achieved	Cost	% Funding	85% Amount
Landfill	Roller	Tier 1	Tier 3	\$ 54,107.82	85%	\$ 45,991.65
Landfill	Grader	Uncontrolled	Tier 3	\$121,303.78	85%	\$103,108.21
Landfill	D8R Dozer	Tier 1	Tier 3	\$201,705.10	85%	\$171,449.33
Parks	DC3 Dozer	Uncontrolled	Tier 3	\$ 88,336.61	85%	\$ 75,086.12
Parks	Toro Mower (2)	Tier 1	Interim Tier 4	\$ 26,872.34	85%	\$ 22,841.49
Parks	Forklift (retrofit)	Tier 2	Retrofit Level 3+	\$ 15,368.05	100%	\$ 15,368.05 (100% funding)
TOTAL				\$507,693.70		\$433,844.85

This SJVAPCD will continue to make grant awards to qualified applicants until this source of funds is exhausted. Grant awards, if they are made, could occur before or after June 30, 2012. A copy of the grant application along with the required supporting documentation is available from the Clerk of the Board. The Departments of Environmental Resources and Parks and Recreation are also separately pursuing SJVAPCD grant funds for low emission on-road vehicles jointly with the Department of Public Works.

POLICY ISSUE:

Approval of this agenda item to authorize the Director of the Departments of Environmental Resources and Parks and Recreation to apply for, accept, and enter into Heavy Duty Engine Program Grant Agreement with the San Joaquin Valley Air Pollution Control District for fiscal years 2011-2012 and 2012-2013 is consistent with the Board's priorities of A Safe Community, A Healthy Community, Effective Partnerships, A Well Planned Infrastructure System, and the Efficient Delivery of Public Services. It provides funding for compliance with emissions reduction requirements, thereby freeing up critical monies for other purposes helping to support the Department of Environmental Resource's mission to promote a safe and healthy

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environment and improve the quality of life in the community through a balance of science, education, partnerships, and environmental regulation, and to maintain and/or enhance existing service levels in the County's park areas.

STAFFING IMPACTS:

There are no staffing impacts associated with this item.

CONTACT PERSON:

Sonya K. Harrigfeld, Director of Environmental Resources and Parks and Recreation

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ATTACHMENTS AVAILABLE
FROM YOUR CLERK