

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

DEPT: Environmental Resources/Parks & Recreation

BOARD AGENDA # *B-4

Urgent Routine

AGENDA DATE April 24, 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 Year 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 the revised grant amount of \$73,863.87 for Fiscal Year 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 Year 2012-2013.
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 the revised grant amount of \$8,697.70 for Fiscal Year 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 (SJVAPCD) for Fiscal Year 2012-2013. The total cost of the proposed equipment upgrades is \$298,053.31 and Stanislaus County's share of this cost is as follows: \$181,949.05 for Environmental Resources and \$33,542.69 for Parks and Recreation for a total of \$215,491.74.

(Continued on next page)

BOARD ACTION AS FOLLOWS:

No. 2012-187

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

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

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

4) _____ Other:

MOTION:

Christine Ferraro

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 Year 2012-2013

STAFF RECOMMENDATIONS (Continued):

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 Year 2012-2013.

FISCAL IMPACT (Continued):

The Grant Agreements are estimated to provide a total of \$82,561.57 toward the following equipment upgrades: Fink Road Landfill dozer and roller: \$59,961.25 and \$13,902.62, respectively, and Parks and Recreation mowers and forklift: \$7,847.42 and \$850.28, respectively. SJVAPCD staff have indicated that the per ton incentive rates may increase effective July 1, 2012, therefore, the actual grant awards may be greater than originally estimated. Grant awards can also vary based on any differences in engine usage at the time of the grant award or if price quotes change. Any increase in the final grant awards, however, is not expected to vary more than 5% (\$4,128.08), or a total of \$86,689.65.

The County's share will be funded, in part, through an estimated \$73,747.89 in Vehicle License Fees to cover the roller, two mowers and the forklift, leaving an estimated balance of \$398,786 in that fund. The remaining balance of \$141,743.85 will be funded by the Fink Road Landfill Operating Budget which will be included in the Proposed Budget for Fiscal Year 2012-2013. The Vehicle License Fee revenue will also be included in the Proposed Budgets for Fiscal Year 2012-2013 for both Environmental Resources and Parks and Recreation. 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 can 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 up to the following maximum amounts are provided on a first-come, first-serve basis, for installing the following: Tier 1 engine repowers – up to 75% funding is available; Tier 2 engine repowers – up to 80% funding; Tier 3/Interim Tier 4/Tier 4 engine repowers – up to 85% funding; and engine retrofits – up to 100% funding. Funding amounts are based, in part, on the number of hours the equipment is used annually.

As the Board is aware, on February 28, 2012, approval was given to submit a variety of grant applications for heavy duty equipment upgrades to the SJVAPCD. Upon review of the submitted grant applications, however, SJVAPCD staff determined that, based on the equipment usage as reported in the applications, lower funding levels than was anticipated could be offered, as follows:

SJVAPCD Heavy Duty Engine Grant Program						
Division or Dept	Equipment to be Repowered	Current Regulatory Tier	Reg. Tier to be Achieved	Cost	% Funding	Grant Amount
Landfill	Roller	Tier 1	Tier 3	\$ 54,107.82	25.7%	\$ 13,902.62
Landfill	Grader	Uncontrolled	Tier 3	\$121,303.78	3.8%	\$ 4,574.64
Landfill	D8R Dozer	Tier 1	Tier 3	\$201,705.10	29.7%	\$ 59,961.25
Parks	DC3 Dozer	Uncontrolled	Tier 3	\$ 88,336.61	2.5%	\$ 2,188.62
Parks	Toro Mower (2)	Tier 1	Interim Tier 4	\$ 26,872.34	29.2% (average %)	\$ 7,847.42
Parks	Forklift (retrofit)	Tier 2	Retrofit Level 3+	\$ 15,368.05	5.5%	\$ 850.28
TOTAL				\$507,693.70		\$ 89,324.83

Because of the low grant amounts being offered in the two shaded rows in the above table, Department staff recommends canceling these grant requests at this time. The revised grant requests which Department staff recommends pursuing is as follows:

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SJVAPCD Heavy Duty Engine Grant Program -Revised Application-						
Division or Dept	Equipment to be Repowered	Current Regulatory Tier	Reg. Tier to be Achieved	Cost	% Funding	Grant Amount
Landfill	Roller	Tier 1	Tier 3	\$ 54,107.82	25.7%	\$ 13,902.62
Landfill	D8R Dozer	Tier 1	Tier 3	\$201,705.10	29.7%	\$ 59,961.25
Parks	Toro Mower (2)	Tier 1	Interim Tier 4	\$ 26,872.34	29.2% (average %)	\$ 7,847.42
Parks	Forklift (retrofit)	Tier 2	Retrofit Level 3+	\$ 15,368.05	5.5%	\$ 850.28
TOTAL				\$298,053.31		\$ 82,561.57

This SJVAPCD will continue to make grant awards to qualified applicants until this source of funds is exhausted. Grant awards are anticipated to occur during Fiscal Year 2012-2013. A copy of the revised 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 Year 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 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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