
**MENDOCINO COUNTY
AIR QUALITY MANAGEMENT DISTRICT
MEMORANDUM**

DATE: February 26, 2016

TO: The Air Quality Management District Board

FROM: Robert A. Scaglione,
Air Pollution Control Officer

SUBJECT: Approval of Project Eligibility List for Carl Moyer Program Grant Funds

The Air Quality Management District currently has approximately \$500,000 of Year 17 and Year 18 Carl Moyer Program Grant Funding available for replacement and/or retrofit of older diesel engines operating in Mendocino County.

The District is requesting approval of the Project Eligibility List as proposed in Table 1 (Page 3), authorization to fund projects as funds become available and enter into a contractual agreement with each of the applicants that outlines the requirements associated with these funds. The list includes all eligible applications received by the District for this funding cycle.

Repower projects currently include a new engine as well as all parts and labor necessary for installation. Retrofit projects do not include a new engine, but do include the installation of an emissions reduction retrofit device approved by the Air Resources Board. If any projects on the list are withdrawn by the applicant, the District will fund the next project on the list that can be completed within the amount of remaining funds available.

The eligible projects in Table 1 are listed in order of cost-effectiveness. The State Program guidelines require that all projects meet the States "minimum cost-effectiveness standard". This standard is expressed in dollars per ton of emissions reduced, and is calculated based on engine usage (hours, miles or gallons of fuel), project cost and amount of emissions reduced. The maximum allowable cost-effectiveness is currently \$18,260 per ton of emissions reduced; emissions reductions that cost more than \$18,260 per ton to achieve are not eligible for program funding.

The state Carl Moyer Grant Program is administered by local air districts and provides grant funding for cleaner engines and equipment. ARB works collaboratively to set Guidelines and ensure the Program reduces pollution and provides cleaner air. The Carl Moyer Program achieves the reductions in emissions of Nitrogen Oxides (NOx) and Diesel Particulate Matter (Diesel PM) necessary for California to meet its clean air commitments under regulatory requirements. Funding for the Program originates from the Smog Check Waiver Fee and the Tire Impact Fee assessed by the State under Assembly Bill 923 of the 2004 legislative session.

The Carl Moyer Program provides funding for projects that meet the guidelines published by the ARB. The Program guidelines require –

- The project must be diesel powered.
- On-road equipment must be over 14,000 Lbs GVWR.
- Emissions reductions must equal or exceed 30%.
- Equipment must be operated in California at least 75% of the time.
- Projects must meet Program Cost-Effectiveness Standards – Currently set at \$18,260 per ton of pollutant reduced.

Additional information on the program is available online at
<http://www.arb.ca.gov/msprog/moyer/moyer.htm>

The District has been participating in the State Carl Moyer Program since 2000. During that time we have distributed in excess of \$2.8 million dollars to reduce emissions from diesel engines in Mendocino County. The District solicits applications from both public and private fleets for all funding cycles.

The District maintains a mailing list of over 100 companies and individuals who have requested to be notified when Carl Moyer Funding is available. The District contacted each of them when funding for this cycle became available. In addition, the District sent out a press release to local newspapers and radio stations announcing the availability of funding. The District also posted a notice and applications on its website and personally contacted representatives of a number of public and private fleets, industry groups and equipment sales companies to encourage applications.

**Table 1 - Staff Recommended Project Eligibility List
 Applications Ranked by Cost-Effectiveness**

CMP #	Applicant	Project Type	Project Total Cost	District Grant Amount	Cost-Effectiveness (\$ / per Ton)
1	15-03 Robinson Trucking	On-Road Repower+Retrofit	\$ 67,577	\$63,772	\$3,821
2	15-05 Heather Sears/ Fishing Vessel 'Princess'	Marine Repower	\$112,297	\$95,452	\$5,022
3	15-02 Frank McGuigan / Fishing Vessel 'Luke'	Marine Repower	\$113,586	\$96,548	\$12,196
4	15-04 Travis O'Ferrall Trucking	On-Road Retrofit	\$19,730	\$19,730	\$13,847
5	15-07 Northern Aggregates	On-Road Retrofit	\$37,948	\$37,948	\$14,772
6	15-06 DenBeste Landscaping Supplies	On-Road Retrofit	\$25,892	\$19,267	\$18,029
7	15-01 Bray Trucking	On-Road Repower	\$150,580	\$97,198	\$18,260
Total Project Funding				429,915	