
**MENDOCINO COUNTY
AIR QUALITY MANAGEMENT DISTRICT**

MEMORANDUM

DATE: November 2, 2021

TO: The Air Quality Management District Board

FROM: Barbara A. Moed,
Air Pollution Control Officer

SUBJECT: Approval of Project Eligibility List for Carl Moyer Program Grant Year 22 Funds
and Authorization to Enter into Contractual Agreements for Eligible Projects

On April 7, 2020, the Mendocino County Air Quality Management District Board adopted Resolution # 20-040, authorizing the Air Quality Management District to participate in the Carl Moyer Grant Program for fiscal year 2019/2020 (CMP Year 22).

Of the 40 applications received by the District from the subsequent solicitation for projects, 16 projects were determined to be eligible for funding, with a combined total cost of \$962,384. Program grant award for these projects were projected at \$741,521. The District currently has approximately \$272,073 in funding available for CMP Year 22 projects.

Table 1 lists all eligible projects by order of cost-effectiveness with one (1) project per applicant. Additional projects by the same applicant are reordered further down the list. Table 2 lists all eligible projects strictly by order of cost-effectiveness.

The District is requesting approval of the CMP Year 22 Project Eligibility List as proposed in Table 1 on page 3, authorization to enter into a contractual agreement following Program Guidelines with each applicant as funding allows, and authorization to transfer funds to each of the applicants upon receipt of documentation of project completion.

If any approved projects on the final list are withdrawn by the applicant or deemed ineligible for any reason, the District will fund the next project on the list that can be completely funded within the amount of remaining funds available. Year 22 funds not expended by June 30, 2024, must be returned to Air Resources Board in accordance with Program Guidelines.

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 \$30,000 per ton of emissions reduced; projects with emissions reductions that cost more than \$30,000 per ton to achieve are not eligible for program funding.

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 \$30,000 per ton of pollutant reduced.

Additional information on the program is available online at

<https://www.arb.ca.gov/msprog/moyer/moyer.htm>

The District has been participating in the State Carl Moyer Program since 2000. During that time, approximately **\$4.1** million dollars has been awarded to reduce emissions from diesel engines in Mendocino County.

The District maintains a mailing list of public agencies, private companies and individuals for notification when Carl Moyer Program funding is available. In addition, the District sends out press releases to local newspapers and radio stations announcing the availability of funding. The District also posts an announcement and links to Program applications on its website: www.mendoair.org

TABLE 1 - Carl Moyer Program Eligible Projects by Cost-Effectiveness at 1 per Applicant				Year 22 Funds:		\$272,073
CMP Log #	Applicant Name	Project Type	Total Project Cost	C/E per Ton	Maximum Grant Award	Grant Award Running Total
2020-03	Fortunate Farm LLC	Tractor Replacement - Dsl to Electric	\$45,000	\$3,989	\$36,000	\$36,000
2020-32	River Bend Vineyards	Tractor Replacement - Dsl - 0 to Tier 4	\$72,400	\$4,710	\$57,920	\$93,920
2020-18	Pink Sands // Rivino	Tractor Replacement - Dsl - 0 to Tier 4	\$65,322	\$5,444	\$52,257	\$146,177
2020-54	Eric Garbocci	Tractor Replacement - Dsl - 0 to Tier 4	\$59,443	\$7,201	\$47,554	\$193,731
2020-01	Anderson Vineyards	Tractor Replacement - Dsl - 0 to Tier 4	\$63,993	\$7,413	\$51,138	\$244,870
*2020-04	Souza Properties LLC	*Tractor Replacement - Dsl - 0 to Tier 4	\$65,263	\$7,538	\$27,203	\$272,073
2020-31	Navarro Vineyards	Tractor Replacement - Dsl - 0 to Tier 4	\$73,005	\$8,463	\$58,404	\$330,477
2020-19	Pink Sands // Rivino	Tractor Replacement - Dsl - 0 to Tier 4	\$55,090	\$6,299	\$44,072	\$374,549
2020-22	Pink Sands // Rivino	Ag Equip Replacement - Forklift - Dsl - 0 to Tier 4	\$83,436	\$8,733	\$66,749	\$441,298
2020-06	N & S Vineyards	Tractor Replacement - Dsl - 0 to Tier 4	\$69,650	\$10,307	\$55,720	\$497,017
2020-08	Nathaniel MacLeitch	Tractor Replacement - Dsl - 0 to Tier 4	\$38,643	\$10,603	\$30,915	\$527,932
*2020-12	Thornton Pear Ranch Inc	Tractor Replacement - Dsl 0 to Tier 4	\$26,030	\$11,071	\$20,824	\$548,756
2020-17	Ric Piffero	Tractor Replacement - Dsl - 0 to Tier 4	\$29,368	\$11,707	\$23,495	\$572,251
2020-50	Ruddick Ranch	Ag Pump Engine Replacement - Dsl to Propane	\$50,524	\$14,083	\$42,945	\$615,196
2020-23	Pink Sands // Rivino	Ag Equip Replacement - Loader - Dsl - 0 to Tier 4	\$100,343	\$21,693	\$80,274	\$695,470
2020-30	Navarro Vineyards	Tractor Replacement - Dsl - 0 to Tier 4	\$64,876	\$30,000	\$21,043	\$716,513

TABLE 2 - Carl Moyer Program Eligible Projects by Cost-Effectiveness Ranking				Year 22 Funds:		\$272,073.00
CMP Log #	Applicant Name	Project Type	Total Project Cost	C/E per Ton	Maximum Grant Award	Running Total
2020-03	Fortunate Farm LLC	Tractor Replacement - Dsl 0 to Electric	\$45,000.00	\$3,989.00	\$36,000.00	\$36,000.00
2020-32	River Bend Vineyards	Tractor Replacement - Dsl 0 to Tier 4	\$72,400.14	\$4,710.00	\$57,920.11	\$93,920.11
2020-18	Pink Sands // Rivino	Tractor Replacemenet - Dsl 0 to Tier 4	\$65,321.57	\$5,444.00	\$52,257.26	\$146,177.37
2020-19	Pink Sands // Rivino	Tractor Replacement - Dsl 0 to Tier 4	\$55,090.14	\$6,298.55	\$44,072.11	\$190,249.48
2020-54	Eric Garbocci	Tractor Replacement - Dsl 0 to Tier 4	\$59,442.50	\$7,201.00	\$47,554.00	\$237,803.48
*2020-01	Anderson Vineyards	Tractor Replacement - Dsl 0 to Tier 4	\$63,992.82	\$7,413.00	\$34,269.52	\$272,073.00
2020-04	<i>Souza Properties LLC</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$65,262.59</i>	<i>\$7,538.00</i>	<i>\$52,210.07</i>	<i>\$324,283.07</i>
2020-31	<i>Navarro Vineyards</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$73,005.04</i>	<i>\$8,463.00</i>	<i>\$58,404.03</i>	<i>\$382,687.10</i>
2020-22	<i>Pink Sands // Rivino</i>	<i>Ag Equip Replacement - Forklift</i>	<i>\$83,435.95</i>	<i>\$8,732.52</i>	<i>\$66,748.76</i>	<i>\$449,435.86</i>
2020-06	<i>N & S Vineyards</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$69,649.76</i>	<i>\$10,307.00</i>	<i>\$55,719.81</i>	<i>\$505,155.67</i>
2020-08	<i>Nathaniel MacLeitch</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$38,643.24</i>	<i>\$10,603.00</i>	<i>\$30,914.56</i>	<i>\$536,070.23</i>
*2020-12	<i>Thornton Pear Ranch Inc</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$26,030.26</i>	<i>\$11,071.00</i>	<i>\$20,824.24</i>	<i>\$556,894.47</i>
2020-17	<i>Ric Piffero</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$29,368.31</i>	<i>\$11,707.00</i>	<i>\$23,494.65</i>	<i>\$580,389.12</i>
2020-50	<i>Ruddick Ranch</i>	<i>Ag Pump Engine Replacement - Dsl to Propane</i>	<i>\$50,523.65</i>	<i>\$14,083.00</i>	<i>\$42,945.10</i>	<i>\$623,334.22</i>
2020-23	<i>Pink Sands // Rivino</i>	<i>Ag Equip Replacement - Loader</i>	<i>\$100,342.71</i>	<i>\$21,693.00</i>	<i>\$80,274.17</i>	<i>\$703,608.39</i>
2020-30	<i>Navarro Vineyards</i>	<i>Tractor Replacement - Dsl 0 to Tier 4</i>	<i>\$64,875.53</i>	<i>\$30,000.00</i>	<i>\$21,043.40</i>	<i>\$724,651.79</i>