

Grant Agreement Approval Form

To: Air Pollution Control Officer
Staff Contact: Al Ronyecz
Date: November 1, 2010
Grant Program: Agricultural Water Pump Repower Program

Grant Information

Grantee: Tri-County Pistachio, Maricopa, CA

Grant Agreement No.: AP101104

Grant Agreement Amount (\$): \$9,450

Existing Equipment: 1998 Tier 1 Deutz F4L913 diesel rated at 75.1 hp
(s/n 8538360, Ag Reg. # 13502)

Replacement Equipment: 2010 Tier 3 Deutz D914L04 diesel rated at 77.7 hp
(EPA Fam. #ADZXL06.5095).

Grant Cost-Effectiveness (C/E): \$3,602/ ton (NO_x+ROG+20*PM₁₀)

Program Limit (\$/ton): \$16,400

Projected Lifetime Emission Reductions: 1.12 tons (NO_x+ROG+PM₁₀)

Program Information

Approved Program Budget (\$): \$1,800,000

Encumbered Grant Agreements (\$): \$1,559,342 (Including current Grant)

Program Balance (\$): \$ 240,658

Program-Averaged C/E (\$/ton Reductions): \$2,136 (Including current Grant)

Approved: 

Air Pollution Control Officer

Date: 11/1/2010

Grant Agreement Approval Form

To: Air Pollution Control Officer
Staff Contact: Al Ronyecz
Date: November 4, 2010
Grant Program: Off Road Engine Repower/Retrofit Program

Grant Information

Grantee: Engel & Gray, Inc.
Grant Agreement No.: AP091014
Grant Agreement Amount (\$): \$85,855
Existing Equipment: (1) 1989 Caterpillar 425 hp model 3406 Tier 0 engine
Replacement Equipment: (1) 2009 Cummins 435 hp model ISX Tier 3 engine and
(1) DCL International, Inc. Mine-X diesel particulate filter
Grant Cost-Effectiveness (C/E): \$15,153 /ton NO_x+ROG+20*PM₁₀
Program Limit (\$/ton): \$16,400
Project Life: 3 Years
Projected Lifetime Emission Reductions: 3.29 tons NO_x+ROG+PM₁₀

Program Information

Approved Program Budget (\$): \$1,300,000
Encumbered Grant Agreements (\$): \$ 993,577 (Including current Grant)
Program Balance (\$): \$ 306,423
Program-Averaged Cost-Effectiveness (\$/ton): \$6116 (Including current Grant)

Approved:


Air Pollution Control Officer

Date: 11/4/2010

Grant Agreement Approval Form

To: Air Pollution Control Officer
Staff Contact: Al Ronyecz
Date: November 9, 2010
Grant Program: Marine Engine Repower Program

Grant Information

Grantee: Maritime Logistics, Inc. (Michael Uhl – Work Boat)
Grant Agreement No.: AP101103
Grant Agreement Amount (\$): \$144,900
Existing Equipment: (2) 1996/98 Detroit Diesel 400 hp 60 Series Tier 0 engines
Replacement Equipment: (2) 2010 Detroit Diesel 400 hp 60 Series Tier II engines
Grant Cost-Effectiveness (C/E): \$15,536 /ton NO_x+ROG+20*PM₁₀
Program Limit (\$/ton): \$16,400
Project Life: 5 Years
Projected Lifetime Emission Reductions: 6.1 tons NO_x+ROG+PM₁₀

Program Information

Approved Program Budget (\$): \$1,875,000
Encumbered Grant Agreements (\$): \$1,708,052 (Including current Grant)
Program Balance (\$): \$166,948
Program-Averaged Cost-Effectiveness (\$/ton): \$9,994 (Including current Grant)

Approved: 
Air Pollution Control Officer

Date: 11/9/2010