

**Cargo Handling Equipment Retrofits
DERA Funded Projects List**

PROJECT 1

Organization Performing Project	Number of Vehicles	Funding Amount						
APM Terminals	1	\$35,000						
Class/ Equipment	Engine Id No.	Engine Make	Engine Model	Engine Model Year	Horsepower	Year of Retrofit	Technology Type	Technology Unit Cost
Other Material Handling Equipment	35097911	Cummins	QSM11	2004	330	2014	Diesel Particulate Filter	\$35,000

PROJECT 2

Organization Performing Project	Number of Vehicles	Funding Amount						
SA Recycling	13	\$425,000						
Class/ Equipment (As classified by the EPA)	Engine Id No.	Engine Make	Engine Model	Engine Model Year	Horsepower	Year of Retrofit	Technology Type	Technology Unit Cost
Other Material Handling Equipment	M2R00226	Caterpillar	C13	2007	371	2014	Diesel Particulate Filter	\$ 30,000
Other Material Handling Equipment	M2R00223	Caterpillar	C13	2007	371	2014	Diesel Particulate Filter	\$ 30,000
Other Material Handling Equipment	M2R00221	Caterpillar	C13	2007	371	2014	Diesel Particulate Filter	\$ 30,000
Other Material Handling Equipment	M2R00225	Caterpillar	C13	2007	371	2014	Diesel Particulate Filter	\$ 30,000
Other Material Handling Equipment	To Be Determined	Caterpillar	C14	2005	371	2014	Diesel Particulate Filter	\$ 30,000
Other Material Handling Equipment	AW00225	Caterpillar	C18	2008	390	2014	Diesel Particulate Filter	\$ 38,000
Other Material Handling Equipment	To Be Determined	Caterpillar	C18	2012	390	2014	Diesel Particulate Filter	\$ 38,000
Other Material Handling Equipment	To Be Determined	Caterpillar	C9	2007	170	2014	Diesel Particulate Filter	\$ 17,000
Tractors/Loaders	JMS02547	Caterpillar	C15	2007	354	2014	Diesel Particulate Filter	\$ 26,000
Tractors/Loaders	To Be Determined	Caterpillar	C18	2011	555	2014	Diesel Particulate Filter	\$ 30,000
Off-highway Trucks	T8811030	Cummins	QSK19	2006	525	2014	Diesel Particulate Filter	\$ 42,000
Off-highway Trucks	T8811044	Cummins	QSK19	2007	525	2014	Diesel Particulate Filter	\$ 42,000
Off-highway Trucks	T8811034	Cummins	QSK19	2007	525	2014	Diesel Particulate Filter	\$ 42,000