



California Environmental Protection Agency



KICK OFF MEETING (SEP II)

**SUPPLEMENTAL
ENVIRONMENTAL
PROJECT (SEP)**



Toll Free Number: (888) 282-8353

Pass Code: 60874



SEP II Objectives

- **Reduce Diesel Emission from Off-Road Equipment (Level III Systems)**
- **Demonstrate Durability and Effectiveness of DPFs on Off-Road Construction Equipment**
- **Demonstrate New Emission Control Systems**
- **Increase Number of Verified Retrofit Devices**
- **Fill Gaps in Vehicle Matrix**
- **Update Board Meeting in December**
- **Spend \$200,000 in Valero Wilmington Refinery Area (25-mile radius)**



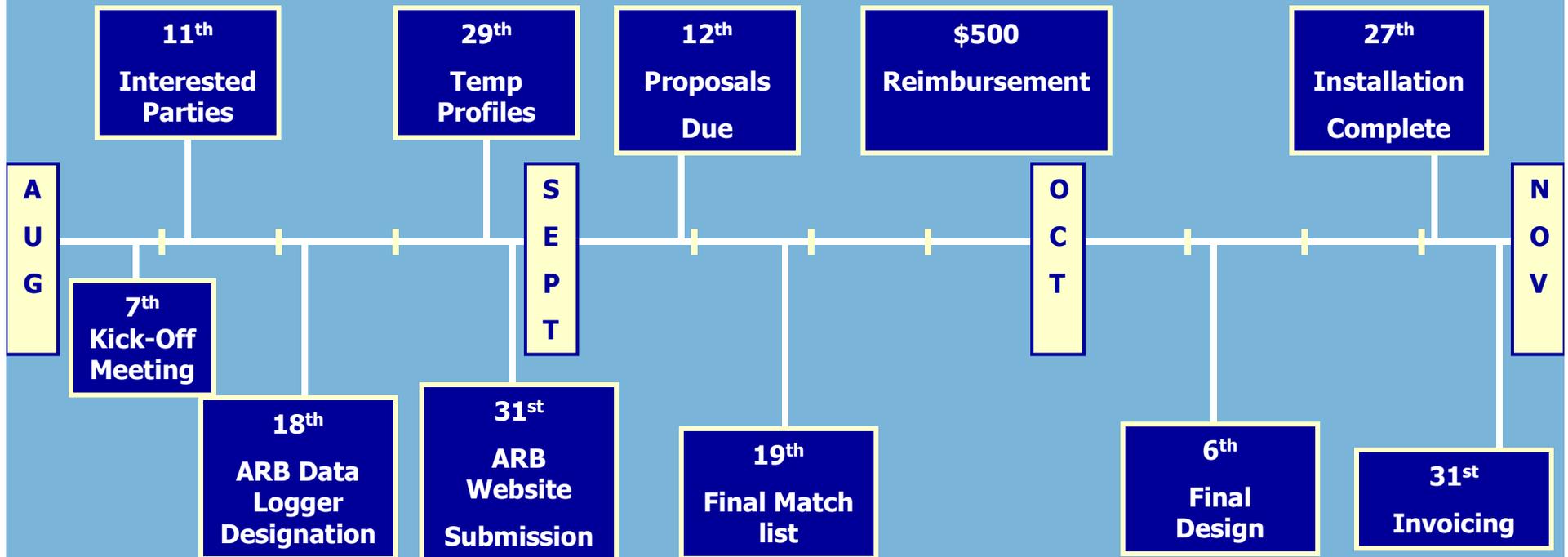


Role of Device Manufacturers

- Submit Proposal(s) to CARB (additive for 1yr)
 - Submit Designs and Location of Device to Fleet Owners and ARB
 - Install DPF
 - Install ARB Approved Data Loggers
 - Respond within 24 hrs.
 - Implement Warranty and Maintenance Agreement (2707)
 - Provide Technical Support
 - Obtain Experimental Permit
- (626) 575-6848 rcastro@arb.ca.gov
- Provide Invoicing to ARB



Time-Line





Participating Fleets

City of Long Beach (5-10 miles)

Vernon Helbig, Acting Superintendent of Maintenance
(562) 570-5426, Vernon_helbig@longbeach.gov

Ray Ontiveros, Certified Master Technician
(562) 254-6478, Ray_Ontiveros@longeach.gov



City of Los Angeles 'DWP' (5-27miles)

Scott M. Briasco, Manager
(213) 367-8406 scott.briasco@ladwp.com

Adrene K. briones, Project Manager
(213) 367-1185 adrene.briones@ladwp.com



Fast Lane (1-2 miles)

Pat Wilson, President
(562) 435-3000 or (562) 965-4812 pwilson@fastlanetrans.com



City of Long Beach Vehicles



ID:14337 Tier: 3 HP: 150 Year: 2007 Hrs: 123



ID:14267 Tier: 1 HP: 86 Year: 2000 Hrs: 29.9



ID:14336 Tier: 2 HP: 224 Year: 2005 Hrs: 106



ID:14339 Tier: 3 HP: 150 Year: 2007 Hrs: 104.5



City of Los Angeles Vehicles



W93524 Loader : ID W93524, HP: 95, Year: 2004 Hrs/Y : 568



W93303 Loader : ID W93303, HP: 180, Year: 2002, Hrs/Y: 422



W93518 Loader : ID W93518, HP: 108, Year: 2000, Hrs/Y: 584



ID:44560 Tier: 1 HP: 158 Year: 2000 Hrs: 51



Fast Lane Vehicles



ID:385 Tier: 1 HP: 204 Year: 1996 Hrs: 160



ID:637 Tier: 1 HP: 185 Year: 1999 Hrs: 5.9



ID:844 Tier: 2 HP: 142 Year: 2005 Hrs: 6



ID:876 Tier: 1 HP: 34 Year: 2001 Hrs: 10



Role of the fleet owner

- Ensure Vehicles Meet OEM Specifications
- Make Vehicle(s) Available for Retrofitting
- Approve Retrofit Designs and Locations
- Submit Forms - Certification, Confirmation, EQ Information.
- Inform ARB of Any Issues
- Allow Access for Periodic Monitoring
- Allow On-site Emission Testing



http://www.arb.ca.gov/diesel/showcase/sep2.php

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SEP II

Thursday, August 7, 2008

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This Page Last Reviewed : July 30, 2008

SEPII UPDATE:

SEP II is currently underway. The matching process is completed and 12 vehicles have been selected. A list of the vehicles broken down by fleet can be seen below. More information about these vehicles can be obtained on the [Fleet List Page](#).

A meeting is scheduled for Thursday August 7th at the Air Resources Board located at 9852 Telstar Ave. in El Monte from 10:00AM until 12:30PM. The 2 days prior to the meeting August 5th and 6th have been scheduled for fleet visits. Device manufactures are encouraged to attend these visits as it will allow them to evaluate the vehicles and determine the feasibility of retrofitting these vehicles with their device. Fleet Owners will be present during the visits to answer any question. More details for both events can be found in the agenda available below.

- [Meeting Agenda](#)
- [SEP II Individual Equipment Info](#)

Fleet	Participating Equipment (by ID#)
City of Long Beach	14267, 14336, 14337, 14339
City of Los Angeles	44021, 44480, 44560, 44780
Fast Lane	385, 637, 844, 876

Background:

In an ongoing effort to improve air quality and reduce airborne pollution the Air Resources Board instituted Supplemental Environment Project II (SEP II). SEP II is targeted particularly at reducing emissions from off road diesel equipment. The project will take place inside a 25-mile radius of the Valero's Wilmington refinery area, which has provided \$200,000 in funding to the project. Objectives of the project include:

- reduction of emissions from off-road diesel equipment (level III) within a 25 mile radius of the Valero Willington refinery area
- demonstration of new emissions control systems
- ARB verification of retrofit devices



http://www.arb.ca.gov/diesel/showcase/sep2.php



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- Meeting Agenda
- SEP II Individual Equipment Info

Contact Info City of Long Beach

Vernon Helbig, Acting Superintendent of Maintenance

- Phone:(562) 570-5426
- Email:Vernon_helbig@longbeach.gov

Ray Ontiveros, Certified Master Technician

- Phone:(562) 254-6478
- Email:Ray_Ontiveros@longeach.gov

Background:

In an effort to reduce emissions from off road diesel equipment, the Air Resources Board instituted Supplemental Emissions from off road diesel equipment. The project will take place inside a 25-mile radius of the Valero's Wilmington refinery area, which has provided \$200,000 in funding to the project. Objectives of the project include:

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http://www.arb.ca.gov/diesel/showcase/publicfleetlists.php



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FLEET VEHICLE LIST

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Showcase:

SEP:

SEP II:

FLEET/BUSINESS: CITY OF LONG BEACH

SEP II Vehicles

Equipment ID	Year	HP	Tier	Engine Family/ID	Description	Serial Number	HRs/month
14267	2000	86	1	7BJ16643	BACKHOE	4ZN21522	29.9
14336	2005	224	0	4DXL07.1032	Wheel Loader	L120EV64620	106.0
14337	2007	150	3	PE6068L02	TRACTOR	RW7630R008124	123.0
14339	2007	150	3	PE6068L02	TRACTOR	RW7630R008160	104.5



Vehicle Information Page



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View More Pictures

Equipment ID: 14267

Year: 2000

HP: 86

Tier: 1

Engine Family/ID: 7BJ16643

Description: BACKHOE

Serial Number: 4ZN21522

HRs/Month: 29.9

Temperature Profiles For Equipment -- 14267

Temperature Profile	Profile Date	Date Posted

Current Equipment Log Information

This Equipment Has No Log Entries At This Time



Equipment Image Gallery



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EQUIPMENT IMAGE GALLERY

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Contacts

**- Johnny Karim, Manager
In-Use Retrofit Section**

(626) 459-4303, jkarim@arb.ca.gov

-Website:

<http://www.arb.ca.gov/diesel/showcase/showcase.htm>

-Dan Reich

U.S. EPA, Region 9

(415) 972-3911, reich.daniel@epa.gov