Metro Green Construction Policy Update

Metro Technical Advisory Committee
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Metro's Green Construction Policy Implementation Timeline

GCP TWG Meeting
Aug 2011

VICA Meeting
9/13/11

GCP TWG Meeting
11/11/11

Caltrans Policy Analysis
12/11/11

GCP TWG Meeting
5/1/12

GCP TWG Meeting
4/26/12

GCP ARB Training
6/27/12

GCP TWG Meeting
9/2/12

CA Transit Assoc Meeting
1/11/12

GCP TWG Meeting
11/11/12

IAC Meeting
3/9/13

GCP TWG Meeting
3/6/13

Metro Construction Projects
Quantification & Reporting of Emissions Reduction

Metro Construction Projects
Cost of Compliance Evaluations
Compliance Impediments

Metro Construction Projects
OCP Specifications
Submit Review

GCP, ARB Training
2nd Qtr
2nd Qtr

Mobility Summit
3rd Qtr
3rd Qtr

Metro Construction Projects
Sustainability Studies

2nd Qtr
3rd Qtr

Metro Construction Projects
2nd Qtr
1st Qtr

GCP, ARB Training
1st Qtr
2nd Qtr

Metro Construction Projects
1st Qtr
2nd Qtr

Metro Construction Projects
2nd Qtr
3rd Qtr

Metro Construction Projects
1st Qtr
2nd Qtr

1st Qtr
2nd Qtr

Metro Technical Advisory Committee Meeting
Standing Board Agenda Item

Acronyms:
GCP - Metro's Green Construction Policy
TWG - Metro's GCP Technical Working Group
VICA - Valley Industry And Commerce Association
ARB - The California Air Resources Board
CCCEE - City and County Engineers Association
WCC - EPA’s West Coast Collaborative Construction Sector Workgroup
COGs as Training Partners

- Westside COG, Santa Monica: 08/2013
- South Bay Cities COG, Redondo Beach: 08/2013
- San Fernando Valley COG (Mobility Summit), Burbank: 03/2014
- Gateway Cities COG, Paramount: 05/2014
- San Gabriel Valley COG, Monrovia: 05/2014

- Exploring additional training opportunities
Green Equipment Web Toolkit

- http://www.metro.net/gcp
FY14-15 Website Updates

- **FY14**
  - Fact sheet to reflect current requirements
  - Funding information to reflect new sources

- **FY15**
  - Posting of diesel emissions reductions
  - Quantification of NOx and PM
  - Crenshaw/LAX Transit Corridor and Purple Line Extension Advanced Utility Relocation
Crenshaw Light Rail Project

- All Off-Road Equipment are Tier 4 rated engines
  - Exception of 1 Crane: nothing available
- Contractor owned most of the heavy equipment
- Contractor rented task-specific heavy equipment that complies with GCP
Air Quality Benefits

- Carbon monoxide and CO$_2$ emissions appears to remain constant
- Decrease in Nitrogen Oxide emissions: >90%
- Decrease in particulate matter emissions: ~50% to 70%
- Decrease in Reactive Organic Gasses emissions: 30% to 70%
Questions/Discussion

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