

ARRA REPORTING FORM: OEQ



1. Name: David Jacobs

- 2. NAICS or NTEE NPC code(s) for activities performed this reporting period: B03, B05, C02, C06.03, C06.08, C06.09, T04, W01, W08, W08.02, W09.04
- 3. Reporting Period (check the appropriate one)

1st Quarter (October – December) 2nd Quarter (January – March)

3rd Quarter (April – June)

4th Quarter (July – September) X

4. Total Hours Worked: 466 ARRA Hours Worked: 398

5. <u>Impact Metrics:</u> Cost savings, GHG reduction, etc.)

Metrics will be created as part of Energy audit, GHG inventory and Sustainability plan initiatives. Some metric may be developed by 1st quarter 2011 report.

Optional Metrics: (Grants, market development, policy, workshops, standards, procurement)

See Impact metric response.

- 6. Description of work/grant activities completed during this quarter.
 - Attended 72 meeting during 4th quarter resulting in the completion, research, understanding, and/or implementation of activities listed below.
 - 2009 House Bill 3693 report completed and posted to Garland Goes Green website.
 - Garland/Irving SCR project completed Phase 1 assessments and site visits will be made by JMI engineers in 1st quarter 2011 to complete Phase 2 vehicle measurements.
 - Booth participation at Health Living Expo was accomplished by OEQ staff.
 - Community rally supporting Garland and healthy living.
 - LEED_ND final background data collection activities completed and forwarded to CM/DCM.
 - Environmental Waste biomass data collection completed and forwarded to CM/DCM.
 - Completed submission Round 1 Clean Fleets Recovery Act Grant to NCTCOG. Electric vehicle research in support of application submission.
 - Attended two (2) presentations on electric generation using various inputs (Biomass/ASHA) (PowerStream/Water)
 - Garland Alternative Fuels/Vehicle committee meetings during 4th quarter held to discuss grant submissions, future grant opportunities and planning activities.
 - Prescreening RFP reviews for Energy Audit, GHG Inventory and Sustainability plan vendor selection.

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- National Science Foundation research and discussions with Texas A&M on project submission.
- Evaluated public/private research funding opportunities (Statewide and National)
- Quarterly NCTCOG Stakeholders meeting.
- NCTCOG Fleet committee meeting.
- NCTCOG Public recharging stations meeting.
- Assisted NCTCOG in location of area electric companies for residential electric charging installs.
- Coordinated the development of supportive reports for electrical usage in city facilities.
- Represented the city at 2010 Electric Vehicle showcase and Panel discussion sponsored by NCTCOG and others.
- Represented the city at private company (Half Price Books) rollout of EV public charging station. First in Dallas area. Attended Ford products demo in Dallas to hear information regarding Ford Motors rollout of BEV's PHEV's and hybrids.
- 7. Dollar mount of work/grant activities completed during this quarter.
 - \$18,920.49 (per Finance)
- 8. Description of public awareness / marketing / training activities completed during this quarter. Attached one hard copy and one electronic copy of any materials produced (# people attending/workshop, # workshops held).
 - A) Garland Healthy Living Expo September 25, 2010. The Expo was attended by approximately 2000 areas citizens. The Office of Environmental Quality (OEQ) participated by hosting a booth. A brochure was handed out to interested citizens along with promotional items. A representational copy of the 3 fold brochure is attached.
 - B) Participation in rally held at WFAA studios downtown Dallas to promote Garland's healthy living and green efforts. The event was attended by approximately 50 city staff and citizens.
 - C) Garland partnered with Miles Electric Vehicles and hosted 4 of their neighborhood type electric vehicle for display and test drives for one week leading up to the Healthy Living Expo. Two (2) neighborhood EV's were available at City Hall. Remaining vehicles were delivered to Fleet Services and distributed to departments like Parks and Wastewater. Approximately 30 city employees test drove vehicles and offered comments.
- 9. Products produced or technology transfer activities accomplished during the reporting period
 - 500 brochures distributed at Healthy Living Expo.
 - 500 promotional items distributed at Health Living Expo.
 - Two (2) State award submissions produced but were not submitted.
 - Environmental Waste biomass data collection
 - Final LEED_ND data collection





10. Lessons Learned:

None

- 11. Discussion of work/ grant activities to be completed next quarter:
 - Phase 2 SCR grant vehicle measurement (October) toward making final determination of vehicles for SCR retrofits.
 - Vendor selection process (1) Energy Audit, (2) GHG inventory and (3) Sustainability Plan