

US EPA ARCHIVE DOCUMENT

Industrial Footprint Project
Assistance Agreement No. EI-96028401
Quarterly Report 9
May 1 – July 31, 2008

Project Synopsis

During this period we held weekly meetings with internal project staff to discuss the progress of the project and biweekly contract management meetings with Earth Economics.

We held a two day Collaboration Meeting on June 26-27. Representatives from each of the mills and Earth Economics attended. We:

- finalized the indicator list (though some fine tuning may still take place as we build the tool and collect data)
- reviewed the WA State Input/Output Model (I/O) and a mock-up of the precursor to the footprint measurement tool
- discussed data collection, incentives to encourage facility participation, waste stream reduction, and aggregation, scoring ranges, and weighting of indicators.

We concluded that the Quality Assurance Project Plan (QAPP) did not need updated during this quarter.

Narrative Discussion

Neither mill nor sector baseline footprint development took place during this period. Tool development and data collection needs to take place before starting this task.

We did not hear back from the Office of Financial Management (OFM) on adding \$9,500 to the Earth Economics contract. We are looking at shifting more funds from the personnel category of the grant to contractual. We will send a 424A form for approval.

Since no updates to the QAPP were needed for this reporting period, we extended the end date to October 2008.

We did not send the request to hire Dr. William Beyers. The mills are working with their purchasing and accounting offices to determine if they will be able to supply data for the WA State Input/Output Model (I/O). Several of the categories within the I/O are considered proprietary information by the mills or could violate anti-trust laws. The mills may not give the information to us unless they can be guaranteed confidentiality. We are looking into public disclosure and anti-trust laws to determine if the data is legally considered confidential.

Project Tasks and Milestones (Reflecting Accomplishments for this Quarter, and Projection of Activities and Major Expenditures for Next Quarter Report)

The following is a listing of project milestones/tasks.

Milestone / Task	Milestone/Task Description	Start Date	End Date	Status/Notes
Secure Agency Resources	Hire project coordinator, include project work in IS staff work plans	Upon grant award	January 2007	Finished.
Secure Mill Participation	Partner with eight pulp and paper mills and secure participation	June 2006	April 2008	Finished. We partnered with five mills.
Select Sector Indicators	Develop draft sector indicators. Work with eight mills and Northwest Pulp and Paper Association to finalize sector indicators.	October 2006	July 2008	Finished.
Conduct Community Outreach	Establish community contacts, implement community stakeholder involvement plan, create and maintain a web page, conduct news releases, create and deploy a survey tool.	January 2007	April 2009	Work ongoing. Continue to maintain web page. Conduct second round of stakeholder meetings for all five participating mills. Send out news releases for all events. Deploy survey tool and collect data. Create a media outreach packet.
Develop Stakeholder Involvement Plan	Develop a community stakeholder involvement plan.	April 2007	September 2007	Finished.
Secure Contractor Support	Draft and issue RFP to procure contractor support for data analysis and public involvement. Award contract.	January 2006	August 2006	Finished.
Select indicators for eight mills	Partner with five mills and five communities to develop mill specific indicators.	January 2007	April 2008	Finished.
Amend QAPP	Develop data quality objectives for five individual footprints.	February 2007	October 2008	Not started. End date extended to October 2008.

Milestone / Task	Milestone/Task Description	Start Date	End Date	Status/Notes
Develop baseline footprints for eight mills	Collect and analyze data to complete five baseline footprints. Develop spreadsheet tool for calculations.	February 2007	August 2008	Not started.
Develop sector baseline footprint	Collect and analyze data to complete sector baseline footprint	February 2007	October 2008	Not started. End date extended to October 2008.
Carbon footprint	Partner with pulp mills to measure carbon footprint as it pertains to energy use.	September 2007	August 2008	Use World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD)/International Council of Forest Products Association (ICFPA) carbon footprint tool to calculate carbon and carbon equivalents from energy/electricity and purchased fuel usage on site. End date extended to August 2008.
Develop sector priorities	Evaluate sector footprint for improvement opportunities, waste stream analysis, establish priorities	November 2007	August 2008	In progress. Earth Economics will develop a table describing state of the art green infrastructure investments, policies, and practices for the pulp and paper sector based on both literature review and review of stakeholder involvement materials. Improvement opportunities worked on in the upcoming quarter will consist of water conservation, water quality, energy conservation, and carbon footprint reduction.
Initiate Sector Priorities	If appropriate, initiate the top sector priority.	June 2008	November 2008	Not started.
Develop Priorities for four mills	Evaluate the baseline footprint for four mills for improvement opportunities and waste stream reduction. Establish priorities.	August 2008	November 2008	In progress. Earth Economics will write a report describing improvement and waste stream reduction opportunities.
Initiate two of the top individual priorities	If appropriate, initiate the top priorities for two mills.	December 2008	January 2009	Not started.
Final Report	Compare mills, assess the utility of footprint measurement as a regulatory tool, and share results with stakeholders.	October 2008	April 2009	We will not be able to compare mills to one another, as their processes and products are different from one another. We will be calculating two footprints for each mill, a baseline and comparison year.
Assess Results of Energy Challenge	Use the footprint tool to assess the results of the energy challenge.	March 2009	April 2009	Not started.

Financial Report

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