

US EPA ARCHIVE DOCUMENT

Industrial Footprint Project
Assistance Agreement No. EI-96028401
Quarterly Report 10
August 1 – October 31, 2008

Project Synopsis

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

We submitted an updated Quality Assurance Project Plan (QAPP).

We conducted research on sector waste stream and footprint improvement opportunities.

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. While we conducted research on waste stream and overall footprint improvement opportunities, we feel data collection needs to take place before recommending sector footprint improvement priorities. The data may highlight the best and most economically feasible improvements.

The mills have the data available for the WA State Input/Output Model (I/O). The Attorney General's office determined there are several categories within the I/O which are proprietary, though not anti-trust. These categories include chip purchases and the breakout of energy use by fuel type. The mills will not put the information in the tool unless they are guaranteed confidentiality. Dr. Beyers will sign confidentiality agreements with each mill, receive the data from them, run the model, and report the outcome to Ecology and Earth Economics for incorporation into the tool. We will send a request to hire Dr. Beyers as part of the 424A form approval.

EPA's Innovation Office commented on further changes needing to be made in the QAPP. We received guidance from EPA and will revise the QAPP using Ecology's EPA approved quality assurance process.

We need more contractor support in tool development than planned. We plan to shift \$12,500 from the personnel category of the grant to contractual. We will send a 424A form for approval, as it is over the 10% increase mark for that grant category.

A contracting freeze for all Washington State agencies occurred on August 4, 2009. We cannot add additional funds to the Earth Economics contract or hire Dr. William Beyers to support the economic indicators. This puts most of our work on hold, and we may need to extend the project end date, depending on how long the freeze lasts. We will pursue the new contract with Dr. Beyers and the amendment with Earth Economic when

the freeze lifts. We will request a project extension if needed.

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	December 2008	Work ongoing. End date extended to December 2008. May need a project extension due to WA State agency contracting freeze.

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	December 2008	Not started. End date extended to December 2008. May need a project extension due to WA State agency contracting freeze.
Develop sector baseline footprint	Collect and analyze data to complete sector baseline footprint	February 2007	January 2009	Not started. End date extended to January 2009. May need a project extension due to WA State agency contracting freeze.
Carbon footprint	Partner with pulp mills to measure carbon footprint as it pertains to energy use.	September 2007	December 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 December 2008. May need a project extension due to WA State agency contracting freeze.
Develop sector priorities	Evaluate sector footprint for improvement opportunities, waste stream analysis, establish priorities	November 2007	January 2009	Research for waste stream and footprint improvement opportunities conducted. End date extended to January 2009 to see what data collection tells us about additional sector priority improvements or highlight the best and most economically feasible improvements. May need a project extension due to WA State agency contracting freeze.
Initiate Sector Priorities	If appropriate, initiate the top sector priority.	June 2008	February 2009	Not started. End date extended to February 2009. May need a project extension due to WA State agency contracting freeze.
Develop Priorities for four mills	Evaluate the baseline footprint for four mills for improvement opportunities and waste stream reduction. Establish priorities.	August 2008	January 2009	In progress. End date extended to January 2009. May need a project extension due to WA State agency contracting freeze.
Initiate two of the top individual priorities	If appropriate, initiate the top priorities for two mills.	December 2008	February 2009	Not started. End date extended to February 2009. May need a project extension due to WA State agency contracting freeze.

Milestone / Task	Milestone/Task Description	Start Date	End Date	Status/Notes
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. May need a project extension due to WA State agency contracting freeze.
Assess Results of Energy Challenge	Use the footprint tool to assess the results of the energy challenge.	March 2009	April 2009	Not started. May need a project extension due to WA State agency contracting freeze.

Financial Report

Budget Category	Spent This Qtr (Aug 08 - Oct 08)	Total Grant Approved Budget	Cumulative Expenditures to Date
Personnel		83,798	57,729
Fringe		23,464	20,668
Travel		4,495	5,155
Operating Services			10,727
Supplies			1,456
Contractual	10,237	100,000	84,932
Equipment			0
Subtotal	10,237	211,757	180,667
Less Op Svs & Sup			0
Indirect Costs		42,508	29,780
Total	10,237	254,265	210,447