

US EPA ARCHIVE DOCUMENT

Industrial Footprint Project
Assistance Agreement No. EI-96028401
Quarterly Report 8
February 1 – April 30, 2008

Project Synopsis

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

A participation letter was signed by Ecology's director and sent to Port Townsend Paper Company (PTPC).

We held stakeholder meetings for Port Townsend Paper Company on February 28 and March 4. Seventy-eight stakeholders signed in at the February 28 meeting, received an overview of the project, and were given an introduction to sustainability indicators. We provided an open microphone for questions and comments. Seventy-two stakeholders signed in at the March 4 meeting. They created lists of indicators and then individually ranked which indicators were most important to them personally.

We deployed the online comment form/survey March 5–26 to collect stakeholder input on indicators. We included this input in the indicator development process. We have received approximately one hundred written comments to date. Media packet development is still underway.

We held Collaboration Meetings on April 4 and April 10. Representatives from each of the mills and Earth Economics attended. We discussed indicator selection and data collection/analysis at both meetings. Due to interest in regional economic indicators and the multiplier effect, Earth Economics solicited Dr. William Beyers from the University of Washington to conduct economic input-output modeling as an indicator. We met with Dr. Beyers and reviewed the most recent version of the Washington State Office of Financial Management (OFM) Input-Output Model (I/O model).

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

We secured three peer reviewers:

- Dr. Mathis Wackernagel of the Global Footprint Network
- Dr. Robert Costanza of the Gund Institute for Ecological Economics at the University of Vermont
- Dr. Joshua Farley also of the University of Vermont

We received and reviewed Earth Economics' draft incentives report. We met with Earth Economics and discussed the draft report and planned next steps for incentives project completion.

Earth Economics sub-contracted with the Center for Sustainable Economies to conduct the waste stream reduction research.

Angie Fritz gave a presentation on the project to the Mid-Columbia Sustainable Business (MCSB) Network on March 28. Boise Incorporated has joined MCSB. Angie attended Ecology's Toxics Reduction Units' Continuing Education (TRUCE) retreat on April 24 - 25. She shared information on indicator development toward pollution prevention and carbon reduction. Angie and Marc Crooks gave a presentation on the project to the WA State Recycling Association Convention on May 19-20. Grays Harbor Paper invited us to present as a representative of their work toward sustainability.

Narrative Discussion

We did not make the final selection of indicators. With PTPC joining the project, we need the input from their stakeholders in order to finalize the list. We held stakeholder meetings in Port Townsend on January 28 and March 4 to gather input on indicators. End date moved to July 2008.

The spring stakeholder meetings have been moved to fall 2008. We would like to present the indicators, tool, and hopefully one full footprint for each mill to stakeholders and we will not have that done until that time.

Neither mill nor sector baseline footprint development took place during this period. Finalizing of indicators needed to take place before starting this task.

Bosie Cascade Wallula had a name change. They are now Boise, Incorporated.

We did not hear back from the OFM about adding \$9,500 to the Earth Economics contract.

Since no updates to the QAPP were needed for this reporting period, the end date has been extended to July 2008.

If the mills are able to provide data supporting the modeling, we want to draw up a contract with Dr. William Beyers to either use or adapt the most recent version of the I/O model. We will send a request to shift \$3,500 from the personnel category to contractual.

We will not compare the mills to one another, as their processes and products are different from one another. We will calculate two footprints for each mill, a baseline and comparison year. This will provide a comparison performance measure.

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	Underway. Earth Economics sector analysis finalized. Finalize sector indicators. End date extended until July 2008.
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 2008	Deployed and collected data from online survey/comment form. Continue to maintain web page. Conducted first round of stakeholder meetings for PTPC. 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.

Milestone / Task	Milestone/Task Description	Start Date	End Date	Status/Notes
Amend QAPP	Develop data quality objectives for five individual footprints.	February 2007	July 2008	Earth Economics recommendations finalized. We only have enough funding and staff resources to footprint five mills. Milestone/Task Description changed to reflect this. End date extended to July 2008. Finalize indicators in July 2008 to know what data we need to make quality objectives for.
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. We only have enough funding and staff resources to footprint five mills. Milestone/Task Description changed to reflect this. Collect data.
Develop sector baseline footprint	Collect and analyze data to complete sector baseline footprint	February 2007	August 2008	Not started. End date extended to August 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	July 2008	Not started. End date moved to November 2008.
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.

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.
Assess Results of Energy Challenge	Use the footprint tool to assess the results of the energy challenge.	March 2009	April 2009	

Financial Report

Budget Category	Spent This Qtr	Total Grant Approved Budget	Approved Cumulative Expenditures To Date
Personnel	6,856	83,798	57,729
Fringe	2,710	23,464	20,668
Travel	36	4,495	4,979
Operating Services	1,387		10,207
Supplies			1,456
Contractual	14,806	100,000	57,924
Equipment			
Total	25,795	211,757	152,968
Less Op Svs & Sup Indirect Costs	3,423	42,508	29,780
Total	29,218	254,265	182,743