

US EPA ARCHIVE DOCUMENT

EPA 2009 State Innovations Grant **January – March 2010 Quarterly Report**
 Washington State Department of Ecology – **Lean and Green Assistance** 4-29-2010

Part 1 Synopsis of Accomplishments during the Reporting Period

January 2010	Washington Manufacturing Services renamed Impact Washington
January 2010	Pacific Crest Cabinets owner says “we can’t afford to spare the people – so not now” to Lean & Green project invitation.
January 19, 2010	Lean and P2 Workgroup (NPPR) call – Woodfold Case Study
January 20, 2010	NW Industrial Energy Efficiency (E2) Summit, Portland OR. Hugh O’Neill attended with Cris Love, WSU. WA E2 strategy discussed.
January 29, 2010	SIG October-December 2009 Quarterly Report submitted.
February 2010	Ecology union review process for PPRC and Ross & Associates review complete.
February 11, 2010	Hugh meets with Nigel and Soraya of Impact WA to discuss potential Lean & Green projects as well as Green 101 trainings under US DOL grant.
February 19, 2010	Accrafab Lean & Green project kick-off. Action plan and draft schedule developed.
February 2010	Interviews held to hire Env. Engineer that will support L&G project
February 2010	PPRC and Ross & Associates Contracts signed and finalized.
March 2010	Engineer position offered and accepted. Lynn Coleman will start work in Ecology SW Region on May 1, 2010
March 16, 2010	Hugh and Jennifer Tice (Ross & Associates) update call
March 17, 2010	Hugh, Cristiana, and Krassimir (Impact) site visit to Aristocratic Cabinets to pitch a Lean & Green project to GM Stew Wells.
March 17, 2010	<i>Statewide hiring and contracts freeze takes effect. Our 3 L&G contracts and project support hire beat the deadline!</i>
March 22, 2010	Lean 101 at SunOpta, Omak, WA. Rick Baker, Impact WA.
March 23-26, 2010	Value-Stream Map Event at SunOpta. Rick Baker, Impact and Cristiana and Holly for Ecology. Off to a good start!
March 22, 2010	Meeting at WSU Energy to discuss climate change and PPG grant pre-proposal.
March 2010	2010 EPA PPG pre-proposal application drafted. Focus areas are toxic metals and greenhouse gas reduction. WSU Energy support for L&G projects envisioned.

Part 2 – Narrative Discussion

Two Lean & Green projects are underway!

1. AccraFab, a metal finishing facility near Spokane, is scheduled to be done with the first phase of their work in June 2010. The project objective is to reduce wastewater generation and chemical use in the facility’s chromate conversion process. Process variability reduction through six sigma and other techniques are planned.

2. SunOpta, a fruit and grain processor in Omak, WA did a value-stream map in March and has a recycling Kaizen scheduled for April 2010. A new production line is being moved to the facility in late May. Another kaizen will be scheduled shortly thereafter.

We are transitioning from EPA PPG grant funding to SIG grant funding. We still have about \$20,000 of contract funds left to spend in the PPG grant. The grant projects have nearly identical goals. We hope to spend these PPG contract funds (for Impact WA and PPRC) on Lean and Environment/Green projects before the grant expires on 6/30/2010. We are using SIG funding to support staff costs and travel for these same projects (Lean and Green facility demonstration projects). Discussions with EPA Region 10 identified that credit for the projects completed prior to 6/30/2010 will need to be shared by the Innovations Office and the Pollution Prevention Office of EPA.

Ecology has a functioning, well-organized, technical assistance group called the TREE Team (see: www.ecy.wa.gov/tree/index.html). Many of the Team members are familiar with the Lean and Green approach. In some cases, it is proving effective to partner with the TREE Team on Lean & Green projects to take advantage of the TREE Team's project management capacities.

The state of Washington budget is still a concern. More cuts to the Department of Ecology budget are on the way in spring and summer 2010. It is uncertain how this might affect the Lean & Green Assistance Project.

Part 3 – Projection of Activities, Accomplishments, and Major Expenditures for Next Quarter Report

- April 22, 2010 Hugh gives Go Green Conference presentation on Lean & Green with Soraya Dossa, Impact WA.
- Accrafab Kaizen events scheduled for May 7, 14, 21, and 26-28 and June 10-11
- As a result of Ecology TREE Team visits, Huntwood Cabinets becomes interested in a Lean & Green Project. Project may start in July 2010.
- SunOpta Recycling Kaizen scheduled for April 26-30. Rick Baker for Impact and Holly Cushman and Chris Piercy for Ecology.
- Lean and P2 (NPPR) calls continuing monthly in 2010. Paula del Giudice and Thomas Vinson-Peng organizing.

Part 4 – Financial Report

See Donna Allen's budget report – separate Excel file. This budget report is for expenditures through 2/28/2010.