US ERA ARCHIVE DOCUMENT

EPA 2009 State Innovations Grant January – March 2011 Washington State Department of Ecology – Lean and Green Assistance 04-29-2011

Part 1 Synopsis of Accomplishments during the Reporting Period

January 11	Hugh met with Jack Boller and Zach Hedgbeth about L&G issues
	and provided an update on work.
January 20th	Ecology, Impact Washington, PPRC, and Ross staff met to clarify chain of communication. Weekly phone calls between Ecology and Impact Washington begin.
January 20 th	Hugh met with Linda Adams and Michelle Gaither to determine new format for project reports. Reports will target plant managers in order to recruit new projects. The previous report format targeted parties potentially interested in starting their own lean and green program.
January 10 - 14	Ecology staff participated in kaizen to optimize metal etching and powder coating line for Karcher, a manufacturer of industrial pressure washers and parts washers.
January 24th	Hugh met with Soraya Dossa, Impact Washington Energy & Environmental Staff on candidate facilities, especially current JSP projects.
January 31	Hugh and Lynn presented information on Ecology's technical assistance, including L&G, at the Tacoma Business Examiner sustainability conference.
February 3rd	Hugh met with Ecology's Industrial Section to offer technical assistance. This group of Ecology staff regulates the state's heavy industries; e.g. refineries, pulp and paper plants.
February 23	Meeting with EPA Region 10 and HQ to discuss status of L&G work and future direction of the program. Ecology would like marketing and implementation support from EPA. Participants all agreed that L&G work is a positive, effective method for achieving environmental results.
February 28 – March 4	Ecology staff participated in kaizen to optimize an assembly line for parts washers at Karcher. Ecology staff also completed a compressed air leak detection assessment for the company.
March 17th	Hugh met with Nigel Moore and Soraya Dossa to start work on a labor grant and review currently active clients for both entities.
Weekly phone calls	Soraya and Lynn check in weekly to share information and review potential clients.

Part 2 - Narrative Discussion

Proiects

Ecology staff participated in two kaizen events at Karcher. Both were funded by the company and the Job Skills Program. Ecology staff also completed the first compressed air leak detection evaluation for an Impact Washington facility (Karcher). Ecology staff are available and have equipment to provide this new service to reduce energy use and green house gases.

Marketing and Sales

Staff from Impact Washington and Ecology met to review candidate facilities. We expanded our search from the original list of facilities with lead, cadmium, and mercury. That list did not lead to successful projects. Impact Washington did involve Ecology in two JSP kaizen events, so we reviewed Impact Washington's list of active projects, particularly JSP projects, for additional possibilities.

Report format

We streamlined the project report format and are targeting a new audience. Previously, the emphasis was on demonstrating that an environmental agency and manufacturing partnerships could form useful alliances to provide environmental results. The new report focus will be getting new clients.

We will use a similar format to Impact Washington's web site. This will target potential facilities, simplify data collection, simplify Ecology success story writing, and hopefully simplify Impact Washington efforts to complete their own version of success stories.

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

This coming quarter will focus on marketing and finding projects. Last fall, Ecology started with a preference for facilities with lead, mercury, or cadmium wastes. We then expanded to look at Impact Washington JSP projects. We will now look at facilities with the largest waste volumes and those facilities that are heavy industry; e.g. refineries and pulp & paper plants. We will continue to pursue other options as they come up.

- Impact Washington sales training dates moved to June 16th for the Ecology all-staff meeting.
- Ecology's Industrial Section, which regulates the state's largest industrial facilities, will evaluate their facilities for potential assistance from Impact Washington, Ecology P2 staff, or WSU energy staff.
- Hugh will meet with Washington State Department of Corrections to discuss potential projects.
- Ecology staff will meet with Bob Brennard at BPA to discuss potential collaboration on energy projects.
- Hugh will attend the NW Clean Pitch Fest on May 5th to provide input on L&G. This
 event is a preliminary scoping of information to collect when someone goes to a
 facility that might benefit from the mitigation incentive funds that British Petroleum
 will provide when they expand their Washington refinery.

Part 4 – Financial Report

See Donna Allen's budget report – separate Excel file. This budget report is for expenditures through 3/31/2011.