

May 2006 P2 Conference Call
18 May 2006

1. White House Closing the Circle Competition – Don Lentzen, 202 586 7428
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Don congratulated the just-announced results of the White House Closing the Circle competition:

CTC Winners:

- **Pacific Northwest National Laboratory** “Stewardship Team: Conservation through Reuse” in the waste/pollution prevention category;
- **DOE HQ/Savannah River Site/Idaho National Laboratory/Pantex** “Green Fleet Team: Petroleum Fuel Reduction through Alternative Fuels” in the alternative fuel and fuel conservation in transportation category;
- **Sandia National Laboratories/NM** “P2 Staff and Procurement Green Teams” in the green purchasing category; and
- **Y-12 National Security Complex** “Reduce, Reuse and Recycle Team: Multi-organizational Reduce, Reuse and Recycle” in the recycling category.

CTC Honorable Mentions:

- **Savannah River Site** “Recycling Team: Recycle Opportunities Expand,” and
- **National Renewable Energy Laboratory** “Sustainable NREL: An Innovative Approach to Environmental Management Systems.”

2. Sustainable NREL: An Innovative Approach to EMS – Susan Huffnagle, NREL, 303 384-7547, Susan_huffnagle@nrel.gov

The National Renewable Energy Laboratory (NREL) EMS and the Laboratory’s Sustainable NREL program have a symbiotic relationship in which the EMS provides structured processes and procedures and Sustainable NREL is the mechanism to implement the EMS and achieve the EMS goals. The environmental stewardship component of Sustainable NREL links to the EMS environmental policy.

Susan presented NREL’s life cycle assessment of its energy use as an example of the success of this relationship. NREL annually tracks its reductions in CO² emissions using a 2003 baseline but it also tracks its progress in other goals. Since 88% of the Laboratory’s CO² footprint comes from its energy consumption, a comprehensive energy management program is a key part of Sustainable NREL. The Laboratory’s energy use was 23% lower in 2005 than 1990 through a series of planned actions.

An NREL goal is developing an EMS with an even wider scope than the original ISO 14001 framework.

3. Implementation of P2 into PNNL EMS – Theresa Aldridge, Pacific Northwest Site Office, 509-372-4508, theresa.aldridge@pnso.science.doe.gov

Theresa attributed PNNL's P2 successful efforts to a strong EMS tracking system, employee training and awareness, an integrated EPP program, and technical assistance provided for pollution prevention opportunity assessments and other requests. The Laboratory's P2 objectives and measures are included in the Office of Science Performance Evaluation Management Plan; performance in achieving them is tracked to identify opportunities for improvement and determine PNNL's fee.

In addition, the Laboratory's Standards Based Management System promotes P2 implementation through appropriately tailoring requirements and encouraging worker involvement and empowerment. The Electronic Prep and Risk tool is useful in identifying P2 opportunities and risks in the early stages of developing research proposals.

4. Integrating P2 into EMS at the Waste Isolation Pilot Project – Judy McLemore, 505-234-8972, judy.mclemore@wipp.ws.

The EMS at the Waste Isolation Pilot Project (WIPP) was implemented in 1996 and the site became ISO 14001 certified in 1997. Since 2003 the site operated in alignment with ISO 14001 but without certification.

DOE and the site contractor have signed on to the EMS policy statement: "We will seek to achieve pollution prevention through safe, responsible and cost effective methods." Accordingly, WIPP's P2 objectives and targets are subscribed to across the site. Reducing paper consumption by 5%, completing the bio-diesel use evaluation, identifying EPP cleaning products, and increasing recycling to total generated by 5% are among the site's objectives and targets. One objective, to develop a water usage profile and identify opportunities for improvement, resulted in a 41% reduction in water use in one year.

5. Federal Electronics Challenge (FEC) – Jeff Eagan, HQ, 202 586-4598
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Jeff again congratulated the Kansas City Plant, WIPP, and HQ for their achievements in the Federal Electronics Recycling and Reuse Challenge. The Department was responsible for 25% of all federal electronics recycled during the Challenge.

The Electronic Product Environmental Assessment Tool (EPEAT) should be on line by the end of June. The system rates computers and monitors on 45 environmental indicators. More information on EPEAT is available at <http://www.epeat.net/>.

DOE was the first federal agency to incorporate FEC into the annual EO 13148, Greening the Government Through Leadership in Environmental Management. Jeff always

welcomes any information sites have on best practices, lessons learned, successes, and FEC-related ideas.

6. DOE P2 Workshop – Jane Powers, HQ, 202 586-7301, Jane.Powers@hq.doe.gov

Jane reported that 32 people attended the P2 Workshop in-house in addition to all those who participated by video and she thanked everyone for their involvement. Plans are to hold the P2 Workshop again next year in conjunction with the OFEE Symposium. Proceedings of the 2006 OFEE Symposium are available at <http://www.fedcenter.gov/calendar/conferences/symposium2006/proceedings/>