

Environmental Management System Refresher Training – FY14-FY15

EPA Region 7
Regional Office Building and Training & Logistics Center



Certified to ISO 14001:2004
Certificate Number 42708

Region 7 EMS Scope & Policy

- ▶ The **EMS Scope** is unchanged from the FY12-13 EMS cycle
- ▶ The **EMS Policy** was republished in Feb 14 as a Sustainability Policy
 - ▶ Contains some specific “stretch goals”
 - ▶ Better than 85% waste diversion rate at all of our major facilities
 - ▶ Work toward net carbon neutrality for employee commuting and travel
 - ▶ Developing and/or applying “best practice models” for travel management, pollution prevention, and sustainable resources management
 - ▶ Empowering our staff to make sustainable choices at the office, at home, and in their communities by providing opportunities to learn and participate in the ongoing maturity of our sustainable campus

CARRY YOUR CARD – UNDERSTAND WHERE WE’RE GOING TOGETHER!

Significant Environmental Aspects

Applicable to all Facilities

- Consumption of Energy to Support Facility Operations
- Consumption of Energy to Support Administrative Functions
- Consumption of Land/Property
- Consumption of Materials to Support Office Administrative Functions
- Consumption of Water to Support Facility Operations
- Emissions to the Air from Employee Travel*
- Emissions to the Air from Employee Commuting
- Generation of Recyclable Materials

**Changed from Emissions to the Air from Fleet Vehicles*

Applicable to Select Facilities

- Consumption of Materials to Support Food Services at the RO
- Applications to the Land from Facility Operations at the RO and STC
- Consumption of Fuel for Fleet Vehicles at the STC
- Generation of Hazardous Waste at the STC
- Emissions to the Air from Facility Operations at the TLC

Deleted

- Discharges to the Sanitary Sewer at the STC
- Consumption of Materials to Support Facility Operations
- Consumption of Materials to Support Laboratory Operations



Management Programs for FY14-15

- ▶ Green Meeting Management Program – Diane Harris
- ▶ Hazardous Waste Management Program – Mike Davis
- ▶ Reduce/Reuse/Recycle Management Program – Neal Gilbert
- ▶ Sustainability Opportunities & Applications Resource (SOAR) Program – Chris Taylor
- ▶ Sustainable Facilities Management Program – Chris Taylor
 - ▶ Emergency Generator Consultant – Joe Ricard
 - ▶ National Environmental Policy Act (NEPA) Consultant – Larry Shepherd
 - ▶ Pesticides Management Consultant – Mark Leshner
 - ▶ Turf Management Consultant – Darrin Banks
- ▶ Sustainable Purchasing Management Program – Janet Shearer
- ▶ Sustainable Travel Management Program – Chris Taylor

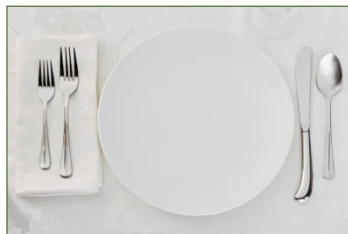
Green Meeting Management Program

PRIMARY OBJECTIVE: To reduce greenhouse gas (GHG) emissions by encouraging the use of VTC capabilities in lieu of travel and minimizing the amount of landfill bound waste generated from meetings, conferences and training events

PROGRESS: A new Green Meeting Policy has been published; VTC process in development; Green Meeting Kits available and in use

WHAT CAN YOU DO NOW TO HELP

- ✓ Use VTC capability (Tanberg, Adobe Connect, Lync, etc.) in lieu of traveling when possible and report your use
- ✓ Use the Green Meeting Kit (reusable/compostable service materials and reusable table tents) for onsite meetings, conferences, and training events



Reduce/Reuse/Recycle Management Program

PRIMARY OBJECTIVE: To reduce, to the greatest extent possible, the amount of material transferred to local landfills; achieve at least an 85% diversion rate

PROGRESS: In FY14 the RO recycled 37,420 pounds of materials, composted another 24,888 pounds and sent 26,182 pounds to the landfill for a diversion rate of 71% - also recycled 1,000 pounds of batteries, toner cartridges, and TechnoTrash

A study conducted by the R3 Team in June 2014 indicated that about half the material going in the trash (by weight) could have been either recycled or composted!



WHAT CAN YOU DO NOW TO HELP

- ✓ **PLEASE** ensure you place compostable, recyclable, and trash items in the correct receptacle



Sustainable Travel Management Program

PRIMARY OBJECTIVE: To reduce greenhouse gas (GHG) emissions by optimizing use of the fleet to reduce miles and increase E85 use in STC-based vehicles; achieve net carbon neutrality for employee commuting and travel by FY20

PROGRESS: The E85 utilization rate for STC-based vehicles is 56%; there are 82 staff members in vanpools & 8 in carpools – more the 18,000 telework days in FY14



WHAT CAN YOU DO NOW TO HELP

- ✓ Travel only when you need to; ask for the right vehicle to meet your needs; “buddy-up” if possible
- ✓ Join a vanpool or carpool; ride the bus or your bike; telework when and if practical; commute in a HE/LE vehicle if possible and report your use



Sustainability Opportunities & Applications Resources (SOAR) Program

PRIMARY OBJECTIVE: To provide educational opportunities to improve understanding of sustainability principles and practices and to develop the SOAR Challenge – an opportunity to apply sustainability in your community and personal life

PROGRESS: Native Grassland Ecosystem Learning Center almost done; member of Green Business Network (GBN); RO Ambassador's developing facility guides

WHAT CAN YOU DO NOW TO HELP

- ✓ Take advantage of the GBN learning opportunities
- ✓ Join the SOAR Team to help shape development of the SOAR Challenge and participate in the Challenge as it rolls out in FY15

Work In Progress



So – What Happens if You Don't Do Your Part?

Obviously we don't achieve our objectives and targets....

...but the long term and aggregate consequences can be more devastating.



In Conclusion.....

Questions?

Regional EMS Representatives

Chris Taylor
EMS Coordinator
PLMG/SIIM(ISSS)
Phone: 551-7736

Neal Gilbert
Associate EMS Coordinator
RGAD/ECO
Phone: 551-7985

