

Appendix A: Environmental Management System

FY 2018 EMS Goals and Objectives

Requirement	Leadership in sound environmental stewardship at SRS through innovative programs and projects				
Strategy	Continuous improvement in the reduction of the environmental impacts of SRS operations				
Goal	Significant Environmental Aspect	Strategy	Implementation	Status	
Clean Energy Initiatives	Goal #1 Greenhouse Gas Reduction	• Air Pollutants • Renewable Energy • Alternative Fuels	Operate four biomass plants Continued purchasing alternative fuel vehicles	Site Sustainability Plan	Goal Met. SRS reduced GHG emissions due to continued use of the four biomass plants and continued purchase of alternative fuel (E-85) vehicles.
	Goal #2 Sustainable Buildings	• Air Pollutants • Discharges to Wastewater Systems	Cool roof technology	Site Sustainability Plan	Goal Met. Five cool roofs were installed, and energy-efficient maintenance continues.
			Preventative maintenance and energy efficient repairs. Work to reduce peak electrical requirements		Goal Partially Met. 37 Energy Conservation Measures Implemented (from previous and FY 2018 audits). Continued replacing fluorescents with LED lighting as part of energy-efficient maintenance.
			Earth Day activities	3Q Procedure 13.5	Goal Met. On-site Earth Day event had about 600 employees attend. USFS gave out pine trees, and Site offered 12 different Environmental Stewardship booths, including food waste minimization and environmental-friendly gardening.
	Goal #3 Clean and Renewable Energy	• Air Pollutants • Renewable Energy	Goal has been met, but SRS will continue to support Clean Energy Requirements Operate four biomass plants	Site Sustainability Plan	Goal Met. Biomass plants help to exceed FY 2025 Renewable Energy Goal (30%) with performance of 60% (with bonuses). Clean Energy performance (electricity and steam) is 144% of goal.
	Goal #4 Water Use Efficiency and Management	• Discharge to Wastewater Systems • Water Use	Reduce water usage through low-flow device installation Continue to seek new ILA reductions and continue use of previous actions	Site Sustainability Plan	Goal Met. SRS installs low-flow devices during maintenance repairs and major renovations. Goal Met. Biomass plant continues to provide significant reductions in ILA water usage.
	Goal #5 Fleet Management	• Transportation Management • Air Pollutants • Renewable Energy	Continue to work with GSA to obtain low-emission vehicles	Site Sustainability Plan	Goal Met. In FY 2018, SRS leased 139 new light-duty, alternative fuel (E-85) vehicles.
			Continue to replace gasoline vehicles with E85 vehicles where possible		Goal Met. In FY 2018, 139 of 150 new light-duty vehicles leased were E-85. 98.6% of current light-duty fleet (544 of about 552 vehicles) is either E-85, hybrid, or electric.
			Obtain plug-in hybrid and electric vehicles as they become available		Goal Met. Although SRS did not lease these types of vehicles in FY 2018, SRS has one electric vehicle and will work with GSA as these vehicles become more affordable and available.
	Goal #6 Sustainable Acquisition	• Solid Waste • Chemical Use and Storage	Include EPP clause in 95% of applicable new solicitations	Site Sustainability Plan	Goal Met. All new applicable solicitations included EPP clause.
	Goal #7 Pollution Prevention and Waste Reduction	• Solid Waste • Hazardous or Mixed Waste Management • Radioactive Waste Management	Continue to divert at least 50% of sanitary waste to recycle	Site Sustainability Plan	Goal Met. Of 872 metric tons generated in FY 2018, SRS diverted 57.8% (504 metric tons) of nonhazardous solid waste for recycling.
			Continue recycling excess- and construction-related waste		Goal Met. Total CBD diverted waste is 32%. Significantly, 21,360 metric tons of concrete and asphalt from road repaving was recovered for reuse on Site projects and off-site (e.g. road improvement, daily cover).
Goal #8 Energy Performance Contracts	• Renewable Energy • Alternative Fuel Use	Continue to look for new opportunities for ESPCs in addition to the four existing ones	Site Sustainability Plan	Goal Met. SRS is pursuing new ESPCs in addition to the existing ESPCs.	
Goal #9 Electronic Stewardship	• Air Pollution • Solid Waste	95% of eligible acquisitions each year are EPEAT-registered products	Site Sustainability Plan	Goal Met. 97% of eligible electronics acquired meet EPEAT standards.	
Goal #10 Climate Change Resilience	• Air Pollution • Renewable Energy	Continue vulnerability assessments and develop climate change resilience guidance	Site Sustainability Plan	Goal Met. SRS continues to explore ways to ensure facilities are protected against climate-impacted events.	
Goal #11 Environmental Awareness	• All Aspects	Provide training opportunities and pursue improvements	3Q Procedure 13.5	Goal Met. Presented environmental information to work planners (EEC) and asbestos competent persons; environmental training, etc.	
		Continue to increase environmental awareness across multiple outlets		Goal Met. Include environmental presentation at All Managers Meeting by ESSH VP; EC Managers present to Leadership 10L.	
Goal #12 Environmental Compliance	• All Aspects	Zero NOVs in CY 2018	3Q Procedure 13.5	Goal Partially Met. Received no NOVs, but did receive one NOAV in CY 2018.	
		Met 100% of regulatory commitments		Goal Met. Met 100% of regulatory commitments in CY 2018	
		Successful Triennial EMS Conformance Audit		Goal Met. Triennial EMS Conformance Audit determined EMS conforms to the requirements of ISO 14001:2015.	