Summary Table of 2012 Basewide Annual Monitoring

Operable Unit	Site(s)	Summary	Notes
OU 1	CG070	TCE plume in Upper and Lower Aquifers	Stable/decreasing TCE concentration trends. FFS completed, ROD Amendment pending.
OU 3	FT019a, FT019c	TCE plume, SVE; BTEX in deep soils	Stable/decreasing TCE concentrations trends downgradient of source area. Supplemental investigation of BTEX in soils proposed for 2013.
	ZZ051	TPH-g/BTEX removal since 2002, SVE	Benzene below 1 ug/L since 2002, removal and monitoring continues.
	OT069	TCE, cis-1,2-DCE, 1,1-DCA plume: portions increasing and decreasing	TCE and cis-1,2-DCE increased above MCL in several locations; ongoing monitoring recommended. Revision of monitoring well network to include wells with COCs detected in excess of MCLs is proposed (see Appendix I).
	DP003, DP004	Burial sites; soil cover installed 1996/1997. Annual cover inspections, groundwater sampling every five years.	DP004 erosion channels to be addressed in 2013.
	LF044	Landfill; surface debris removed, institutional controls added	TCE in groundwater related to OU1. Nitrate and TDS data exceed criteria; data to be collected annually to assess the landfill or other unit(s) as potential sources.
	LF012, LF014, SEDA	Disposal areas; soil cover rehabilitation completed in 1997.Annual groundwater sampling for LF012 and LF014, every five years for SEDA.	Erosion repairs for issues noted at each site scheduled for 2013. Annual sampling results will be used to assess potential for leakage from LF012 and LF014.
OU 5	FT082, SS083	SVE systems offline during 2012, pending supplemental investigation results.	Investigation results will support evaluation of current risks and to optimize SVE remedy.
Non-CERCLA	ST054	TPH recovery, SVE	Stable/declining trends in vapor and groundwater COC concentrations.
	ST057	TPH recovery, SVE	Stable/declining trends with exception of increase in well ST057EX-12.
	ST067b	JP-4, TPH-g recovery, SVE	Free-phase survey in 2012 indicated several new LNAPL detection; corrective action measures to be proposed for expanding LNAPL extent.
	OT071	Dieldrin in Upper/Lower Aquifers, monitoring	Within historical ranges/no discernible trends
	SS084	TPH-g, JP-4, MTBE recovery, SVE	2012 rebound study indicates declining COC concentration trend.
	SS030	LNAPL removal	Lateral extent and thickness decreased since 2006; dissolved benzene plume stable.

1,1-DCA=1,2-dichloroethane
BTEX= benzene, toluene, ethylbenzene, and xylene
CERCLA= Comprehensive Environmental Response, Compensation, and Liability Act
cis-1,2-DCE=cis-1,2-dichloroethene
COCs=constituents of concern
FFS=focused feasibility study
JP-4=jet propulsion-4
LNAPL=light non-aqueous phase liquid
MCL=maximum contaminant level
MTBE= methyl tertiary butyl ether
ROD=record of decision
SEDA=southeaster disposal area
SVE=soil vapor extraction
TDS=total dissolved solids
TCE=trichloroethene
TPH-g=total petroleum hydrocarbons - gasoline
ug/L=micrograms per Liter.