

**Table 3.5-9
Creek Monitoring Results After System Restart for Station SW-27
Former York Naval Ordnance Plant - York, PA**

Sample Date	Detected Concentrations at Station SW-27 in µg/L			Codorus Creek Discharge at USGS Gauge No. 01575500 (cfs)	Calculated Codorus Creek Discharge at Station SW-27 (cfs)	% Base Flow on Sample Date	Mass Flux in Creek at Station SW-27 (lbs/day)		
	PCE	TCE	cis12DCE				PCE	TCE	cis12DCE
03/10/15	0.001	0.30	0.27	1151	1327	20%	0.01	2.15	1.93
03/24/15	2.3	3.5	4.2	264	304	100%	3.78	5.75	6.90
04/21/15	0.71	1.10	1.30	219	253	58%	0.97	1.50	1.77
05/20/15	0.001	0.001	0.001	173	199	57%	0.00	0.00	0.00
06/15/15	0.49	0.94	1.00	143	165	87%	0.44	0.84	0.89
07/15/15	0.001	0.20	0.26	314	362	64%	0.00	0.39	0.51
08/14/15	0.39	0.76	0.79	108	125	95%	0.26	0.51	0.53
09/15/15	0.48	1.10	0.85	136	157	79%	0.41	0.93	0.72
Arithmetic Mean (1)	0.55	0.99	1.08						
WQC	0.69	2.5	12						
<p>Notes: (1) - Arithmetic mean calculated based on all sample results WQC - Water quality criteria from PA Code § Chapter 93 - Water Quality Standards (Table 5 - Water Quality Criteria for Toxic Substances) cfs - cubic feet per second 0.001 - represents a non-detect concentration</p>									