

**Table 3.5-11
Creek Monitoring Results After System Restart for Station SW-28
Former York Naval Ordnance Plant - York, PA**

Sample Date	Detected Concentrations at Station SW-28 in µg/L			Codorus Creek Discharge at USGS Gauge No. 01575500 (cfs)	Calculated Codorus Creek Discharge at Station SW-28 (cfs)	% Base Flow on Sample Date	Mass Flux in Creek at Station SW-28 (lbs/day)		
	PCE	TCE	cis12DCE				PCE	TCE	cis12DCE
03/10/15	0.001	0.16	0.001	1151	1343	20%	0.01	1.16	0.01
03/24/15	0.19	0.37	0.41	264	308	100%	0.32	0.61	0.68
04/21/15	0.17	0.22	0.24	219	256	58%	0.23	0.30	0.33
05/20/15	0.001	0.001	0.001	173	202	57%	0.00	0.00	0.00
06/15/15	0.16	0.27	0.25	143	167	87%	0.14	0.24	0.23
07/15/15	0.17	0.21	0.25	314	366	64%	0.34	0.42	0.49
08/14/15	0.001	0.001	0.001	108	126	95%	0.00	0.00	0.00
09/15/15	0.33	0.83	0.61	136	159	79%	0.28	0.71	0.52
Arithmetic Mean (1)	0.13	0.26	0.22						
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>									