

**Table 3.5-7  
Creek Shut Down Monitoring Results for Station SW-29  
Former York Naval Ordinance Plant - York, PA**

Sample Date	Detected Concentrations at Station SW-29 in µg/L			Codorus Creek Discharge at USGS Gauge No. 01575500 (cfs)	Calculated Codorus Creek Discharge at Station SW-29 (cfs)	% Base Flow on Sample Date	Mass Flux in Creek at Station SW-29 (lbs/day)		
	PCE	TCE	cis12DCE				PCE	TCE	cis12DCE
03/18/14	0.43	0.33	0.27	517	605	100%	1.40	1.08	0.88
08/25/14	0.41	0.34	0.38	108	127	89%	0.28	0.23	0.26
09/08/14	0.56	0.45	0.44	94	110	93%	0.33	0.27	0.26
09/22/14	0.60	0.42	0.40	86	100	95%	0.32	0.23	0.22
10/06/15	0.81	0.43	0.44	95	111	82%	0.49	0.26	0.26
10/20/15	1.20	0.62	0.58	85	99	100%	0.64	0.33	0.31
11/03/14	1.10	0.75	0.52	93	109	96%	0.64	0.44	0.30
11/20/14	1.00	0.76	0.60	82	96	89%	0.52	0.39	0.31
12/03/14	0.87	0.53	0.36	201	235	47%	1.11	0.67	0.46
12/22/14	1.30	0.81	0.50	99	115	100%	0.81	0.50	0.31
01/13/15	0.56	0.32	0.001	294	344	40%	1.04	0.59	0.00
Arithmetic Mean (1)	0.80	0.52	0.41						
Arithmetic Mean (2)	0.98	0.60	0.43						
WQC	0.69	2.5	12						
<p>Notes: (1) - Arithmetic mean calculated based on all sample results  (2) - Arithmetic mean calculated based on sample data from 10/6/14 and later  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>									