

**Table 3.5-6
Creek Shut Down Monitoring Results for Station SW-9
Former York Naval Ordinance Plant - York, PA**

Sample Date	Detected Concentrations at Station SW-9 in µg/L			Codorus Creek Discharge at USGS Gauge No. 01575500 (cfs)	Calculated Codorus Creek Discharge at Station SW-9 (cfs)	% Base Flow on Sample Date	Mass Flux in Creek at Station SW-9 (lbs/day)		
	PCE	TCE	cis12DCE				PCE	TCE	cis12DCE
01/17/14	0.19	0.32	0.28	503	587	100%	0.60	1.01	0.89
01/27/14	0.15	0.39	0.29	311	362	92%	0.29	0.76	0.57
02/04/14	0.15	0.31	0.25	378	441	78%	0.36	0.74	0.59
02/20/14	0.001	0.28	0.30	561	655	70%	0.00	0.99	1.06
03/04/14	0.20	0.34	0.28	492	574	100%	0.62	1.05	0.87
03/17/14	0.001	0.30	0.001	556	649	100%	0.00	1.05	0.00
08/25/14	0.19	0.27	0.37	108	126	89%	0.13	0.18	0.25
09/08/14	0.16	0.22	0.33	94	109	93%	0.09	0.13	0.19
09/22/14	0.36	0.39	0.53	86	100	95%	0.19	0.21	0.29
10/06/15	0.29	0.24	0.31	95	111	82%	0.17	0.14	0.19
10/21/14	0.53	0.78	1.20	88	103	98%	0.29	0.43	0.66
11/03/14	0.39	0.53	0.61	93	108	96%	0.23	0.31	0.36
11/20/14	0.23	0.36	0.46	82	95	89%	0.12	0.19	0.24
12/03/14	0.25	0.55	0.67	201	235	47%	0.32	0.70	0.85
12/22/14	0.32	0.51	0.53	99	115	100%	0.20	0.32	0.33
01/13/15	0.15	0.38	0.45	294	343	40%	0.28	0.70	0.83
Arithmetic Mean (1)	0.22	0.39	0.43						
Arithmetic Mean (2)	0.31	0.48	0.60						
WQC	0.69	2.5	12						

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