

Table 3.5-14
Creek Monitoring Results After System Restart for Station SW-29
Former York Naval Ordnance 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
03/10/15	0.001	0.001	0.001	1151	1348	20%	0.01	0.01	0.01
03/24/15	0.23	0.31	0.30	264	309	100%	0.38	0.52	0.50
04/21/15	0.001	0.16	0.001	219	256	58%	0.00	0.22	0.00
05/20/15	0.17	0.16	0.001	173	203	57%	0.19	0.17	0.00
06/15/15	0.001	0.20	0.001	143	167	87%	0.00	0.18	0.00
07/15/15	0.001	0.001	0.001	314	368	64%	0.00	0.00	0.00
08/14/15	0.15	0.24	0.28	108	126	95%	0.10	0.16	0.19
09/15/15	0.001	0.22	0.001	136	159	79%	0.00	0.19	0.00
Arithmetic Mean (1)	0.07	0.16	0.07						
WQC	0.69	2.5	12						

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