



Summary of Pennsylvania Department of Environmental Protection – North-Central Regional Office (NCRO) ground-water-quality studies by major river basin and analyte group (Fungicides, Herbicides, Insecticides, Major Ions, Microorganisms, Minor and Trace Elements, Nutrients, Radiochemicals, Volatile Organic Compounds, Water characteristics) in Pennsylvania (data last modified September 2007) [MCL, U.S. Environmental Protection Agency Maximum Contaminant Level; SMCL, U.S. Environmental Protection Agency Secondary Maximum Contaminant Level; -, no data available]

PADEP watershed	Sites	Fungicides		Herbicides		Insecticides		Major Ions	
		Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL
Ohio and St. Lawrence River Basins									
33	1	1	0	1	0	1	0	1	1
34	10	3	0	3	0	3	0	12	3
Lower Susquehanna River Basin									
26	9	-	-	-	-	-	-	10	4
Upper Susquehanna River Basin									
1	91	14	0	14	0	14	0	113	45
2	22	11	1	11	2	11	1	29	22
3	24	11	0	12	0	12	0	34	21
4	20	3	0	3	0	3	0	29	13
5	46	18	0	19	0	19	0	57	24
6	32	5	0	5	0	5	0	42	25
8	3	1	0	1	0	1	0	3	3

PADEP watershed	Sites	Microorganisms		Minor and trace elements		Nutrients		Radiochemicals	
		Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL
Ohio and St. Lawrence River Basins									
33	1	1	0	1	0	1	0	1	1
34	10	12	6	12	4	12	0	3	0
Lower Susquehanna River Basin									
26	9	8	3	10	2	10	0	1	0
Upper Susquehanna River Basin									
1	91	114	63	110	58	109	2	12	2
2	22	28	7	29	12	29	0	9	5
3	24	32	13	34	18	31	0	7	2
4	20	28	16	27	10	25	0	2	2
5	46	60	28	56	9	56	2	6	2
6	32	28	13	40	16	38	1	7	5
8	3	3	0	3	0	3	0	2	2

PADEP watershed	Sites	Volatile organic compounds		Water characteristics (Field measurements)	
		Number of samples	Number of samples with concentration exceeding MCL or SMCL	Number of samples	Number of samples with concentration exceeding MCL or SMCL
Ohio and St. Lawrence River Basins					
33	1	1	1	1	1
34	10	3	0	12	2
Lower Susquehanna River Basin					
26	9	-	-	10	1
Upper Susquehanna River Basin					
1	91	17	1	112	16
2	22	11	5	29	13
3	24	13	4	34	11
4	20	3	0	29	11
5	46	19	3	57	15
6	32	5	0	42	7
8	3	1	0	3	1