

**Pennsylvania State (Chapter 252) Accreditation
Fields of Proficiency Testing
Whole Effluent Toxicity Testing Nonpotable Water
Effective June 18, 2022**

<i>Matrix</i>	<i>EPA Method Reference</i>	<i>Organism, Test Type (duration, type, condition, temperature, and dilution water)¹</i>	<i>Analyte (endpoint)²</i>
NPW	2000.0	Fathead minnow (<i>Pimephales promelas</i>), 48-hr Acute, nonrenewal, 25°C, MHSF	LC50
NPW	2000.0	Fathead minnow (<i>Pimephales promelas</i>), 48-hr Acute, nonrenewal, 25°C, 20% DMW	LC50
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, MHSF	NOEC survival
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, MHSF	IC25 (ON) Growth
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, MHSF	NOEC (ON) Growth
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, 20% DMW	NOEC survival
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, 20% DMW	IC25 (ON) Growth
NPW	1000.0	Fathead minnow (<i>Pimephales promelas</i>), 7-day Chronic, daily renewal, 20% DMW	NOEC (ON) Growth
NPW	2002.0	<i>Ceriodaphnia dubia</i> , 48-hr Acute, nonrenewal, 25°C, MHSF	LC50
NPW	2002.0	<i>Ceriodaphnia dubia</i> , 48-hr Acute, nonrenewal, 25°C, 20% DMW	LC50
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, MHSF	NOEC Survival
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, MHSF	IC25 Reproduction
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, MHSF	NOEC Reproduction
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, 20% DMW	NOEC Survival
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, 20% DMW	IC25 Reproduction
NPW	1002.0	<i>Ceriodaphnia dubia</i> , 3-Brood Chronic, daily renewal, 20% DMW	NOEC Reproduction
NPW	2021.0	<i>Daphnia magna</i> , 48-hr Acute, nonrenewal, 25°C, MHSF	LC50
NPW	2021.0	<i>Daphnia pulex</i> , 48-hr Acute, nonrenewal, 25°C, MHSF	LC50
NPW	2007.0	Mysid (<i>Mysidopsis bahia</i> , <i>Americamysis bahia</i>), 48-hr Acute, nonrenewal, 25°C, SSW	LC50
NPW	1007.0	Mysid (<i>Mysidopsis bahia</i> , <i>Americamysis bahia</i>), 7-day Chronic, daily renewal, SSW	NOEC Survival

**Pennsylvania State (Chapter 252) Accreditation
Fields of Proficiency Testing
Whole Effluent Toxicity Testing Nonpotable Water
Effective June 18, 2022**

<i>Matrix</i>	<i>EPA Method Reference</i>	<i>Organism, Test Type (duration, type, condition, temperature, and dilution water)¹</i>	<i>Analyte (endpoint)²</i>
NPW	1007.0	Mysid (<i>Mysidopsis bahia</i> , <i>Americamysis bahia</i>), 7-day Chronic, daily renewal, SSW	IC25 (ON) Growth
NPW	1007.0	Mysid (<i>Mysidopsis bahia</i> , <i>Americamysis bahia</i>), 7-day Chronic, daily renewal, SSW	NOEC (ON) Growth
NPW	2006.0	Inland silverside (<i>Menidia beryllina</i>), 48-hr Acute, nonrenewal, 25°C, SSW	LC50
NPW	1006.0	Inland silverside (<i>Menidia beryllina</i>), 7-day Chronic, daily renewal, SSW	NOEC Survival
NPW	1006.0	Inland silverside (<i>Menidia beryllina</i>), 7-day Chronic, daily renewal, SSW	IC25 (ON) Growth
NPW	1006.0	Inland silverside (<i>Menidia beryllina</i>), 7-day Chronic, daily renewal, SSW	NOEC (ON) Growth
NPW	2004.0	Sheepshead minnow (<i>Cyprinodon variegatus</i>), 48-hr Acute, nonrenewal, 25°C, SSW	LC50
NPW	1004.0	Sheepshead minnow (<i>Cyprinodon variegatus</i>), 7-day Chronic, daily renewal, SSW	NOEC Survival
NPW	1004.0	Sheepshead minnow (<i>Cyprinodon variegatus</i>), 7-day Chronic, daily renewal, SSW	IC25 (ON) Growth
NPW	1004.0	Sheepshead minnow (<i>Cyprinodon variegatus</i>), 7-day Chronic, daily renewal, SSW	NOEC (ON) Growth

1) Dilution water definition:

MHSF - Moderately Hard Synthetic Freshwater
20% DMW - 20% Diluted Mineral Water
SSW - Synthetic seawater

2) Analyte definitions:

LC50 = Concentration where 50% of the organisms do not survive
NOEC = No Observable Effects Concentration
IC25 = Concentration where there is 25% reduction in growth or reproduction
ON = Calculation based on Original Number or organisms used to start the test