



**Piseco Lake
Zooplankton Enumeration**

January 23, 2025

Submitted by:
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Raw Enumeration

Lake	Month	Date Collected	Date Analyzed	Volume - Count A	Group	Taxa	Count (A)	Volume - Count B	Group	Taxa	Count (B)
Piseco	June	6/22/2024	1/16/2025	12.5	Mature copepods	Cyclopoid	17	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Mature copepods	Calanoid	6	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Immature copepods	Nauplii	89	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Rotifers	<i>Kellicottia</i>	215	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Rotifers	<i>Keratella</i>	129	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Rotifers	<i>Trichocerca</i>	3	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Rotifers	<i>Polyarthra</i>	2	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Cladocera	<i>Daphnia</i>	1	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Cladocera	<i>Bosmina</i>	16	--	--	--	--
Piseco	June	6/22/2024	1/16/2025	12.5	Cladocera	<i>Holopedium</i>	3	--	--	--	--
Piseco	July	7/21/2024	1/17/2025	10	Mature copepods	Cyclopoid	11	10	Mature copepods	Cyclopoid	12
Piseco	July	7/21/2024	1/17/2025	10	Mature copepods	Calanoid	15	10	Mature copepods	Calanoid	15
Piseco	July	7/21/2024	1/17/2025	10	Immature copepods	Nauplii	115	10	Immature copepods	Nauplii	176
Piseco	July	7/21/2024	1/17/2025	10	Rotifers	<i>Kellicottia</i>	61	10	Rotifers	<i>Kellicottia</i>	35
Piseco	July	7/21/2024	1/17/2025	10	Rotifers	<i>Keratella</i>	5	10	Rotifers	<i>Keratella</i>	5
Piseco	July	7/21/2024	1/17/2025	10	Cladocera	<i>Bosmina</i>	6	10	Cladocera	<i>Bosmina</i>	1
Piseco	July	7/21/2024	1/17/2025	10	Cladocera	<i>Holopedium</i>	4	10	Cladocera	<i>Holopedium</i>	11
Piseco	August	8/25/2024	1/17/2025	12.5	Mature copepods	Cyclopoid	15	12.5	Mature copepods	Cyclopoid	15
Piseco	August	8/25/2024	1/17/2025	12.5	Mature copepods	Calanoid	12	12.5	Mature copepods	Calanoid	16
Piseco	August	8/25/2024	1/17/2025	12.5	Immature copepods	Nauplii	176	12.5	Immature copepods	Nauplii	180
Piseco	August	8/25/2024	1/17/2025	12.5	Rotifers	<i>Kellicottia</i>	19	12.5	Rotifers	<i>Kellicottia</i>	25
Piseco	August	8/25/2024	1/17/2025	12.5	Rotifers	<i>Keratella</i>	85	12.5	Rotifers	<i>Keratella</i>	82
Piseco	August	8/25/2024	1/17/2025	12.5	Rotifers	<i>Trichocerca</i>	2	12.5	Rotifers	<i>Trichocerca</i>	1
Piseco	August	8/25/2024	1/17/2025	12.5	Rotifers	<i>Polyarthra</i>	--	12.5	Rotifers	<i>Polyarthra</i>	1
Piseco	August	8/25/2024	1/17/2025	12.5	Cladocera	<i>Bosmina</i>	7	12.5	Cladocera	<i>Bosmina</i>	7
Piseco	August	8/25/2024	1/17/2025	12.5	Cladocera	<i>Holopedium</i>	13	12.5	Cladocera	<i>Holopedium</i>	19
Piseco	September	9/22/2024	1/21/2025	12.5	Mature copepods	Cyclopoid	16	12.5	Mature copepods	Cyclopoid	18
Piseco	September	9/22/2024	1/21/2025	12.5	Mature copepods	Calanoid	29	12.5	Mature copepods	Calanoid	24
Piseco	September	9/22/2024	1/21/2025	12.5	Immature copepods	Nauplii	414	12.5	Immature copepods	Nauplii	374
Piseco	September	9/22/2024	1/21/2025	12.5	Rotifers	<i>Kellicottia</i>	138	12.5	Rotifers	<i>Kellicottia</i>	137
Piseco	September	9/22/2024	1/21/2025	12.5	Rotifers	<i>Keratella</i>	10	12.5	Rotifers	<i>Keratella</i>	7
Piseco	September	9/22/2024	1/21/2025	12.5	Rotifers	<i>Trichocerca</i>	2	12.5	Rotifers	<i>Trichocerca</i>	1
Piseco	September	9/22/2024	1/21/2025	12.5	Rotifers	<i>Polyarthra</i>	7	12.5	Rotifers	<i>Polyarthra</i>	13
Piseco	September	9/22/2024	1/21/2025	12.5	Mature copepods	<i>Daphnia</i>	1	12.5	Mature copepods	<i>Daphnia</i>	--
Piseco	September	9/22/2024	1/21/2025	12.5	Mature copepods	<i>Bosmina</i>	6	12.5	Mature copepods	<i>Bosmina</i>	7
Piseco	September	9/22/2024	1/21/2025	12.5	Mature copepods	<i>Holopedium</i>	42	12.5	Mature copepods	<i>Holopedium</i>	44

Summary Results - Total and Taxa Density

Lake	Month	Total Volume (mL)	Total Count (A + B)	Est. Density (no./liter)
Piseco	June	12.5	481	38480
Piseco	July	20	472	23600
Piseco	August	25	675	27000
Piseco	September	25	1290	51600

	Month			
	June	July	August	September
Total volume (mL):	12.5	20	25	25
Group	Est. Density (no./liter)			
Mature copepod	1840	2650	2320	3480
Immature copepod	7120	14550	14240	31520
Rotifer	27920	5300	8600	12600
Cladocera	1600	1100	1840	4000

TOTAL: 38480 23600 27000 51600

