

**Waneta Lake
Rake Toss Data
TOTAL SPECIES (2 TOSSES)**

2000 - 16	(15 Native Plants)	2010 - 15	(13 Native Plants)
2003 - 7	(5 Native Plants)	2011 - 13	(11 Native Plants)
2004 - 10	(9 Native Plants)	2012 - 11	(8 Native Plants)
2005 - 12	(10 Native Plants)	2013 - 17	(14 Native Plants)
2006 - 14	(15 Native Plants)	2014 - 16	(13 Native Plants)
2008 - 18	(15 Native Plants)	2015 - 17	(14 Native Plants)
2009 - 19	(17 Native Plants)	2016 - 17	(14 Native Plants)
		2017 - 23	(20 Native Plants)

TOTAL OCCURRENCE ALL SPECIES (2 TOSSES -102 SP'S)

2000 - 220	(80 Milfoil)	2010 - 389	(1 Milfoil)
2003 - 83	(1 Milfoil)	2011 - 325	(1 Milfoil)
2004 - 81	(0 Milfoil)	2012 - 332	(10 Milfoil)
2005 - 106	(5 Milfoil)	2013 - 409	(4 Milfoil)
2006 - 167	(50 Milfoil)	2014 - 459	(26 Milfoil)
2008 - 421	(5 Milfoil)	2015 - 388	(2 Milfoil)
2009 - 408	(0 Milfoil)	2016 - 487	(6 Milfoil)
		2017 - 516	(84 Milfoil)

TOTAL NSAV OCCURRENCE (2 TOSSES)

2000 - 140	(1.37 Species/Sampling Point)	2010 - 347	(3.39 Species/Sampling Point)
2003 - 81	(0.79 Species/Sampling Point)	2011 - 312	(3.06 Species/Sampling Point)
2004 - 61	(0.60 Species/Sampling Point)	2012 - 301	(2.95 Species/Sampling Point)
2005 - 61	(0.60 Species/Sampling Point)	2013 - 351	(3.44 Species/Sampling Point)
2006 - 93	(0.91 Species/Sampling Point)	2014 - 352	(3.46 Species/Sampling Point)
2008 - 356	(3.49 Species/Sampling Point)	2015 - 335	(3.28 Species/Sampling Point)
2009 - 364	(3.57 Species/Sampling Point)	2016 - 395	(3.87 Species/Sampling Point)
		2017 - 366	(3.56 Species/Sampling Point)

PLANT DENSITIES (2 RAKE TOSSES)

	Trace (Small Hand Full or Less)	Sparse (2 Hands Full)	Moderate (Arm Full)	Dense (Greater than Arm Full)	Zero	Total
2006	59 (24.6%)	48 (20.0%)	18 (7.5%)	2 (0.8%)	113 (47.1%)	240 (100%)
2008	53 (19.2%)	91 (33.0%)	74 (26.8%)	37 (13.4%)	21 (7.6%)	276 (100%)
2009	15 (5.4%)	51 (18.5%)	92 (33.3%)	108 (39.2%)	10 (3.6%)	276 (100%)
2010	14 (5.1%)	15 (5.4%)	77 (27.9%)	169 (61.2%)	1 (0.4%)	276 (100%)
2011	24 (8.7%)	31 (11.2%)	88 (31.9%)	133 (48.2%)	0 (0%)	276 (100%)
2012	49 (17.7%)	33 (12.0%)	101 (36.6%)	91 (33.0%)	2 (0.7%)	276 (100%)
2013	33 (12.0%)	55 (19.9%)	95 (34.4%)	92 (33.3%)	1 (0.4%)	276 (100%)
2014	64 (23.2%)	83 (30.1%)	65 (23.5%)	55 (19.9%)	9 (3.3%)	276 (100%)
2015	158 (57.2%)	54 (19.6%)	47 (17.0%)	6 (2.2%)	11 (4.0%)	276 (100%)
2016	61 (22.1%)	80 (29.0%)	111 (40.0%)	18 (6.5%)	6 (2.2%)	276 (100%)
2017	26 (9.4%)	50 (18.2%)	119 (43.1%)	81 (29.3%)	0 (0%)	276 (100%)

Major Plants

	2009	2010	2011	2012	2013	2014	2015	2016	2017
Southern Naiad	25.1%	26.2%	36.6%	34.8%	29.1%	22.9%	27.2%	26.8%	23.7%
Elodea	23.8%	24.7%	22.4%	22.1%	21.2%	15.4%	9.3%	6.5%	9.1%
Coontail	17.4%	22.1%	29.47%	30.3%	27.7%	22.7%	25.9%	20.5%	22.2%
Curlyleaf Pondweed	10.3%	10.8%	2.2%	4.2%	9.9%	11.9%	10.9%	16.8%	9.7%
Water Celery	6.9%	8.2%	5.7%	3.0%	6.5%	7.0%	10.3%	9.6%	9.1%
Eurasian Watermilfoil								0.9%	16.3%