

Kearsley and Duck Creeks Water Testing

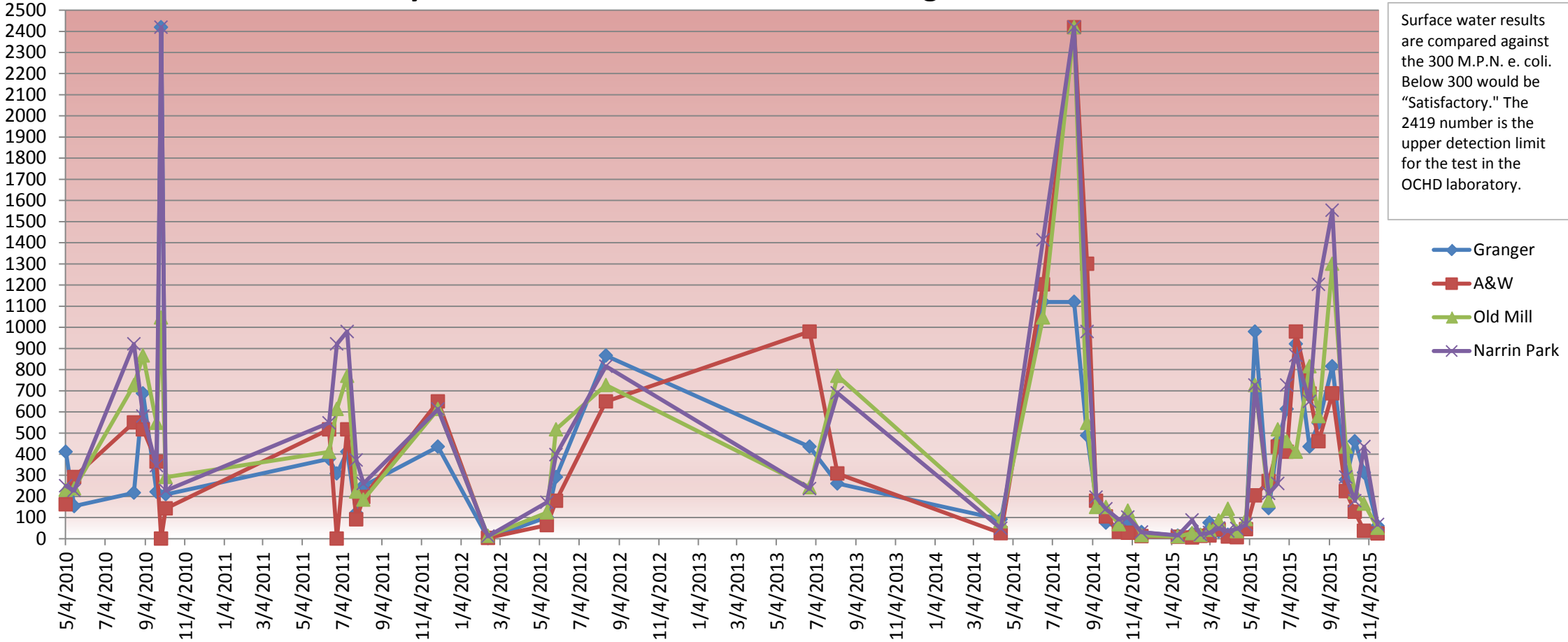
The Village of Ortonville periodically collects surface water samples from Kearsley and Duck Creeks within the Village. The Oakland County Health Division (OCHD) then takes the samples and tests them.

The OCHD takes a conservative approach in interpreting surface water results. OCHD does not know the intended purpose of the water body being sampled. Therefore, OCHD applies a recreational water use standard in determining "satisfactory" or "unsatisfactory." Currently, recreational water standards are set in State law for partial and full body contact. The partial body contact standard is 1000 M.P.N (most probable number) /100 ml e.coli and full body contact standard is 300 M.P.N./100 ml. Surface water results are compared against the 300 M.P.N. e. coli. **Below 300 would be "Satisfactory." The 2419 number is the upper detection limit for the test in the OCHD laboratory.**

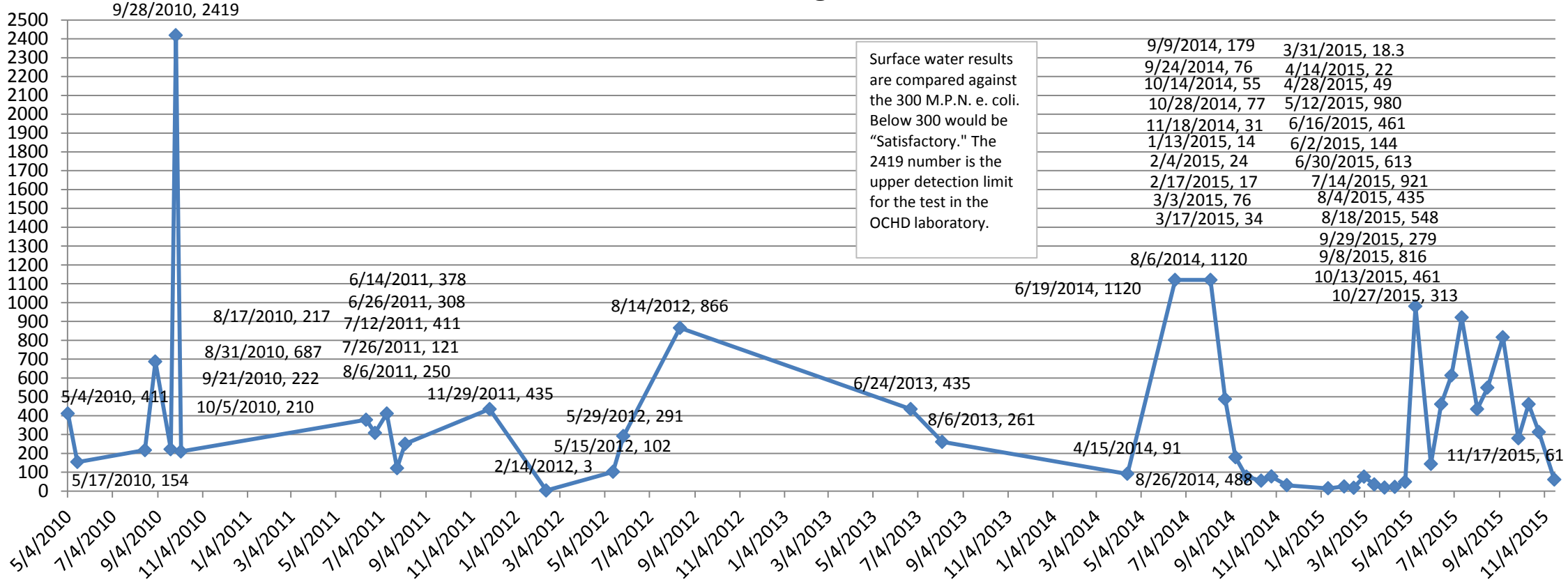
	Granger	A&W	Old Mill	Narrin Park
5/4/2010	411	162	231	250
5/17/2010	154	292	238	228
8/17/2010	217	550	727	921
8/31/2010	687	517	866	579
9/21/2010	222	365	548	345
9/28/2010	2419	Not tested	1046	2419
10/5/2010	210	143	291	228
6/14/2011	378	517	411	548
6/26/2011	308	Not Tested	613	921
7/12/2011	411	517	770	980
7/26/2011	121	91	223	372
8/6/2011	250	197	185	261
11/29/2011	435	649	613	613
2/14/2012	3	4	13	12
5/15/2012	102	64	124	172
5/29/2012	291	179	517	397
8/14/2012	866	649	727	816
6/24/2013	435	980	243	236
8/6/2013	261	308	770	689
4/15/2014	91	26	82	49
6/19/2014	1120	1203	1046	1414
8/6/2014	1120	2419	2419	2419
8/26/2014	488	1300	548	980
9/9/2014	179	179	150	196
9/24/2014	76	105	150	141
10/14/2014	55	32	68	91
10/28/2014	77	28	133	102
11/18/2014	31	12	16	31
1/13/2015	14	9	11	16
2/4/2015	24	6	26	88
2/17/2015	17	13	17	20
3/3/2015	76	15	42	29
3/17/2015	34	44	86	50
3/31/2015	18.3	9.8	141.4	36.4
4/14/2015	22	7	35	48
4/28/2015	49	45	93	66
5/12/2015	980	205	727	727
6/2/2015	144	272	179	214
6/16/2015	461	435	517	261

	Granger	A&W	Old Mill	Narrin Park
6/30/2015	613	411	461	727
7/14/2015	921	980	411	866
8/4/2015	435	686	816	649
8/18/2015	548	461	579	1203
9/8/2015	816	687	1300	1553
9/29/2015	279	225	435	291
10/13/2015	461	127	219	179
10/27/2015	313	37	166	435
11/17/2015	61	25	51	67

Kearsley & Duck Creeks Surface Water testing E. Coli Level Results



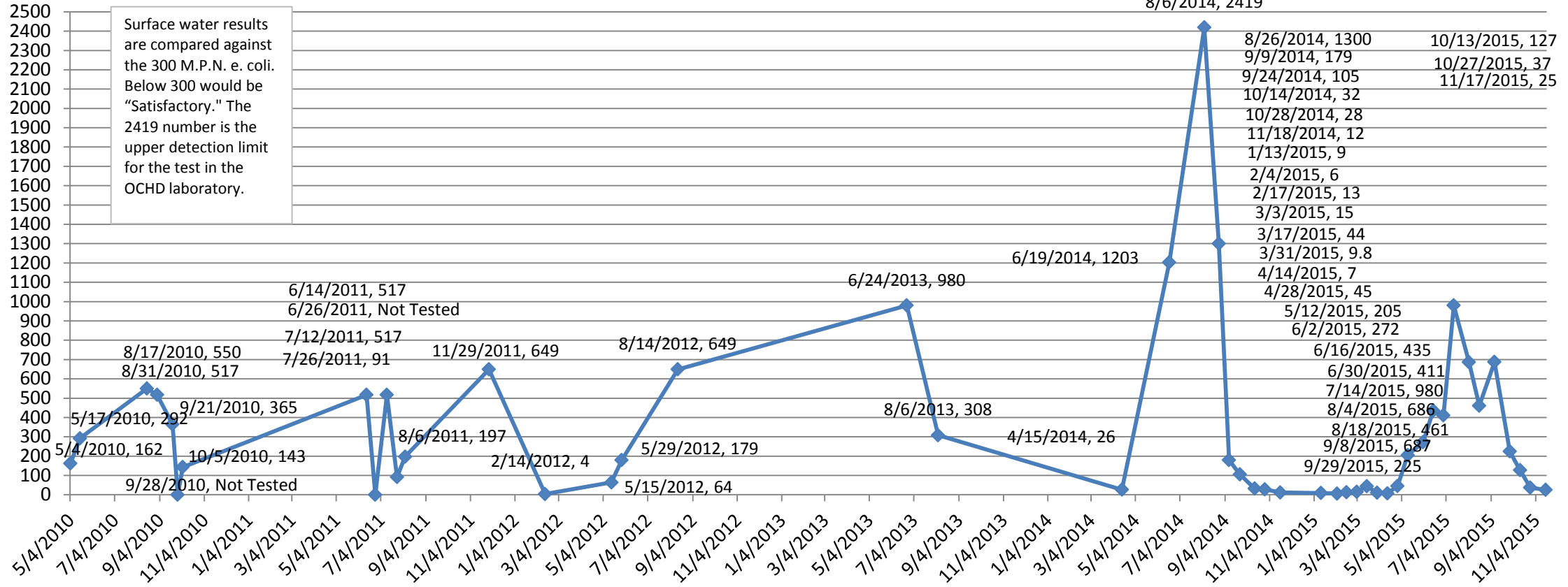
Granger



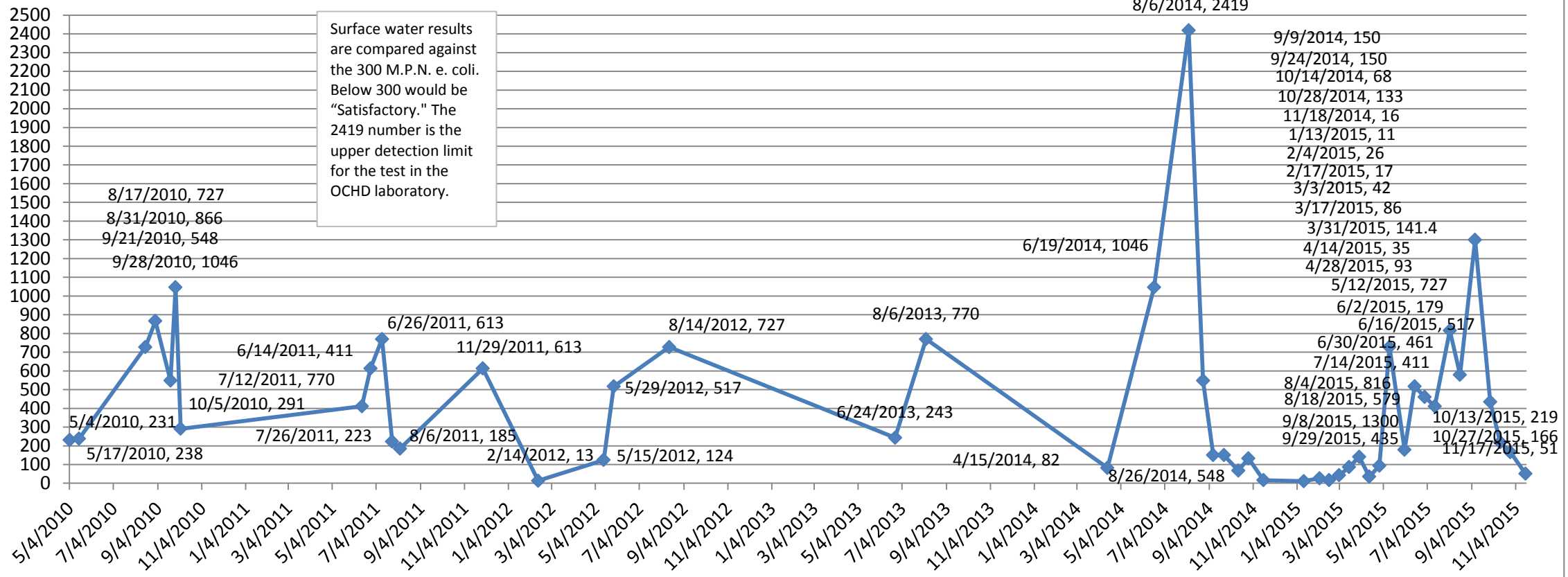
9/28/2010, 2419

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9/21/2010, 222	10/5/2010, 210	7/12/2011, 411	8/6/2014, 1120
11/4/2010, 210	8/6/2011, 250	7/26/2011, 121	8/6/2014, 1120
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7/4/2015, 210		8/14/2012, 866	8/6/2014, 1120
9/4/2015, 210		8/14/2012, 866	8/6/2014, 1120
11/4/2015, 210		8/14/2012, 866	8/6/2014, 1120

A&W



At the Old Mill



Narrin Park

