

DUNLAP LAKE WATER SAMPLE RESULTS

Sample 1

	15-Aug-10	21-Aug-10	8-Sep-14	11-Aug-15	11-Jul-16	28-Jun-17	31-May-18	#####	12-Jun-19	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21	07/14/21	08/17/21	05/16/22
E coli					absent	absent	present	present	presumed absent	presumed absent	<10	10	10	30	<10	<10	10
Fecal coliform	833	81-362	4	500	<20	30	10	10	<10	<10							
Kjeldahl nitrogen				1.2	1.1	2.3	1.3	1	1.2	0.8	0.7	0.9	0.9	0.9	1.3	1.2	0.7
Total nitrogen				1.22	1.23	2.33	1.33										
Nitrate nitrogen	0.2	<1	0.011	0.126	<0.05	0.34											
Phosphorus			0.2	0.377	0.088	0.261	0.12	0.085	0.12	0.205	0.075	0.097	0.179	0.157	0.11	0.153	<0.1
Nitrite nitrogen	0.02	<1	0.01	<0.05	<0.05	<0.05											
Mercury		<0.001	<0.0002	<0.0002	<0.0002	<0.0002											
Arsenic	ND	0.008	<0.0250	<0.0250	<0.0250	<0.0250											
Lead	ND	0.011	<0.0150	<0.0150	<0.0150	<0.0150											
Copper	ND	<0.005	<0.0050	<0.0050	<0.0050	<0.0050											
Zinc	0.07						<0.100										

Sample 2

	2010	2010	2014	2015	2016	2017	2018	#####	12-Jun-19	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21	07/14/21	08/17/21	05/16/22
E coli					absent	absent	absent	present	presumed absent		20	<10	<10	10	<10	10	10
Fecal coliform	93		5	<100	20	<10	<10	50	<10	<10							
Kjeldahl nitrogen				0.85	0.91	1.5	2	1	0.9	0.7	0.8	0.8	1.4	0.9	1.2	1.2	0.9
Total nitrogen				0.85	0.93	1.53	2.12										
Nitrate nitrogen	0.2	<1	<0.05	<0.05	<0.05	0.025											
Phosphorus			0.2	0.195	0.119	0.155	0.104	0.097	0.082	0.211	0.087	<0.1	0.237	0.153	0.128	0.191	0.115
Nitrite nitrogen	ND	<1	<0.05	<0.05	<0.05	<0.05											
Mercury		<0.001	<0.0002	<0.0002	<0.0002	<0.0002											
Arsenic		0.007	0.011	<0.0250	<0.0250	<0.0250											
Lead	ND	0.011	<0.0150	<0.0150	<0.0150	<0.0150											
Copper	ND	<0.005	0.0019	<0.0050	<0.0050	<0.0050											
Zinc	0.05						<0.100										

Sample 3

	2010	2010	2014	2015	2016	2017	2018	#####	12-Jun-19	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21	07/14/21	08/17/21	05/16/22
E coli					absent	absent	present	present	not confirmed	present	10	10	10	100	inconclusi	10	100
Fecal coliform	129	<1	400	40	10	70	70	70	20	30							
Kjeldahl nitrogen				0.7	0.9	1.6	1.3	1.1	0.9	0.8	0.8	0.9	1.3	0.6	1.2	1.2	1.1
Total nitrogen				1.17	0.92	1.62	1.38										
Nitrate nitrogen	ND	<1	0.462	<0.05	<0.05	0.082											
Phosphorus			0.2	0.214	0.139	0.139	0.203	0.13	0.104	0.209	0.098	<0.1	0.25	0.074	0.124	0.189	0.109
Nitrite nitrogen	0.1	<1	0.01	<0.05	<0.05	0.02											
Mercury		<0.001	<0.0002	<0.0002	<0.0002	<0.0002											
Arsenic	ND	0.007	<0.0250	<0.0250	<0.0250	<0.0250											
Lead	ND	0.008	<0.0150	<0.0150	<0.0150	<0.0150											
Copper	ND	<0.005	0.0024	<0.0050	<0.0050	<0.0050											
Zinc	0.05						<0.100										

level exceeds Illinois general use water quality standards

DUNLAP LAKE WATER SAMPLE RESULTS

Sample 1	6-May-19	#####	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21
E coli	present	presumed	presumed a	<10	10	10	30
Fecal coliform	10	<10	<10				
Kjeldahl nitrogen	1	1.2	0.8	0.7	0.9	0.9	0.9
Phosphorus	0.085	0.12	0.205	0.075	0.097	0.179	0.157
Lead							
2-4D							

Sample 2	6-May-19	#####	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21
E coli	present	presumed absent		20	<10	<10	10
Fecal coliform	50	<10	<10				
Kjeldahl nitrogen	1	0.9	0.7	0.8	0.8	1.4	0.9
Phosphorus	0.097	0.082	0.211	0.087	<0.1	0.237	0.153
Lead							
2-4D							

Sample 3	6-May-19	#####	18-Aug-19	05/11/20	06/17/20	08/24/20	05/18/21
E coli	present	not confir	present	10	10	10	100
Fecal coliform	70	20	30				
Kjeldahl nitrogen	1.1	0.9	0.8	0.8	0.9	1.3	0.6
Phosphorus	0.13	0.104	0.209	0.098	<0.1	0.25	0.074
Lead							
2-4D							

level exceeds Illinois general use water quality standards
 ND – not detectable

07/14/21	08/17/21	05/16/22	06/14/22	08/22/22	08/22/23	05/13/24	06/12/24	08/20/24	05/14/25
<10	<10	10	<10	<20	2	0	3	4.1	3.1
1.3	1.2	0.7	0.9	0.9	0.9	1	0.9	1.2	0.6
0.11	0.153	<0.1	<0.1	0.118	0.33	0.152	0.117	0.196	<0.1
					<15ug/l				
					2.42ug/l				

07/14/21	08/17/21	05/16/22	06/14/22	08/22/22	08/22/23	05/13/24	06/12/24	08/20/24	05/14/25
<10	10	10	10	40	0	2	1	5.2	4.1
1.2	1.2	0.9	1	1.2	1.1	1.3	0.8	1.2	0.8
0.128	0.191	0.115	0.077	0.136	0.357	0.164	0.112	0.215	<0.1
					<15ug/l				
					0.29ug/l				

07/14/21	08/17/21	05/16/22	06/14/22	08/22/22	08/22/23	05/13/24	06/12/24	08/20/24	05/14/25
inconclusi	10	100	50	60	2	5.2	14.5	2	21.1
1.2	1.2	1.1	1	1.1	1	1.4	1	1.2	0.8
0.124	0.189	0.109	0.105	0.146	0.379	0.187	0.15	0.246	0.076
					<15ug/l				
					ND				