

## Swanland Pond - Opal Pond Survey Results 2010 – 2017

Survey Date	Weather	Water Colour (Visual)	Water Clarity No. Opal Logo's Seen <sub>1</sub>		pH <sub>2</sub>	Opal Health Score <sub>3</sub>	Pond Life Recorded
			East	West			
05/09/10	Sunny	Green	0	0	6.0	17	Caseless caddisfly larvae, Water bugs, Water slaters, Worm-like animals, Water flea.
24/10/11	Sunny	Brown	0	0	6.5	32	Caseless caddisfly larvae, Mayfly larvae, Water beetles, Water bugs, Water shrimps, Water slaters, Worm-like animals, Water flea.
12/09/12	Sunny	Brown	4	7	5.5	32	Alderfly larvae, Caseless caddisfly larvae, Water bugs, Water shrimps, Water snails, Worm like animals, Water flea, Water mite.
14/09/13	Cloudy	Brown/ Grey	3	3	5 - 5.5	38	Dragonfly larvae, Damselfly larvae, Water beetles, Water bugs, Water shrimps, Water snails, Water slaters, Worm-like animals, Water flea, Water mite, Common duckweed.
28/09/14	Sunny	Brown	2	2	6.5 – 7.0	18	Mayfly larvae, Water bugs (lesser water boatman & backswimmer), Water shrimps, Water snails, Water slaters, Worm-like animals, Water flea, Common duckweed.
04/10/15	Sunny	Brown/ Green	0	0	7.0	7	Water bug (lesser water boatman), Water slaters, Worm-like animals, Water Flea.
29/09/16	Sunny	Brown	0	0	7.0	22	Dragon fly <b>or</b> Damsel fly larvae (Early 1 <sup>st</sup> Instar), Water bug (lesser water boatman), Water Shrimps, Water Slaters, Worm-like animals, Water Flea.
20/09/17	Cloudy	Brown/Green	0	0	7.0	18	Water Bugs (lesser water boatman and backswimmer), Water Beetle, Water Shrimps, Water Slaters, Worm-like animals, Water Snails, Water Flea.

**Notes:** 1. Opal Survey Scale from 0 - 12. 0 = Poor, 12 = Very Good.

2. Water Acidity/Alkalinity. Based on a Scale of 4 – 9; < 7 = Acidic; 7 = Neutral; > 7 = Alkali

3. Opal Pond Health Score: Score 0 – 5: Pond could be improved; 6 – 30: Pond is quite healthy; > 31: Pond is very healthy.