

Blairstone Forest_Pond Report. Week of 10/10 ~ 11/14_2022

(midori)

10/12/Wed morning

- * As scheduled, Hayes (well service co.) removed all pipes and 'new' pump (installed 04/21/2022) in order to assess cause of water supply failure.
 - new pump was clogged with silt; therefore, would need to replace pump
 - assessed, • existing pipes (rods) to be replaced with new ones
 - possible 'crack' in outer casing, due to presence of silt
(may require further inspection with camera, TBD)

10/15/Sat late morning

- * Tree trunks/branches removed from pond along portion of Brookside. (Tracie, Betsy)

10/22/Sat morning

- * Tree trunks/branches (4 piles) transferred to Brookside for 26/Wed COT pickup (Okasakos)

10/31/Mon morning

- * Hayes (well service co.) installed new 'smaller' pump
 - post installation, verified by phone if existing pipes were replaced with new ones (Trace)

11/12/Sat morning

- * Swept accumulated cypress needles off of observation deck on Brookside and mulched pond path (midori)

10/31 ~ 11/15 (2 weeks)

- * Water, supplied from well, currently running at full capacity
 - replenished water, 9"h± overall (lost 36"+ of pond water due to drought/ no water)
- * **Immediate:** 11/19/Sat~_ While pond water level is still low with visible beaching, opportune time to remove fallen tree trunks/ branches submerged in pond (this will be ongoing task.)
- * **Ongoing:** To reduce (to practice unnecessary) applications of inorganic fertilizers, pesticides, herbicides that run-off into our pond, manifesting in elevated nitrates and phosphorus levels in water
- * **Request:** Refrain from feeding wildlife (e.g. turtles, waterfowls) bread and other human processed food (alternatives: organic leafy greens, 'wild' bird seed mix/ Publix)

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**Our Pond Ecosystem** continues to support a modest diversity of fauna, flora and micro-organisms. (Noticeable reduction in songbirds, due to migration)