

Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: Big Tree Site Code: CO-WHE050

Name of Monitoring Group: Wye River Estuary Waterwatch

Person(s) Conducting the test: Yvonne Gail Jukes

Date of test: 7/3/21 Time of test: 10.45 am/pm

Site Risk Assessment Completed: ☐ signature please:

Site risk and management assessment at rear of book. Please note circumstantial hazards and additional risks in the box below

Test	Result (units)	Calculations, dilutions and comments
Dissolved Oxygen	<u>6.2</u> mg/L <u>64</u> % sat.	
Water Temperature	<u>14</u> °C	
Air Temperature	<u>16</u> °C	
pH	Meter calibrated to <input type="checkbox"/> pH 7 & <input type="checkbox"/> pH 10 <u>6.7</u> pH units	
Electrical Conductivity (Salinity)	Meter calibrated to <input type="checkbox"/> 1413, <input type="checkbox"/> 2,000 or <input type="checkbox"/> 12,880EC <u>398</u> EC units <u>μS/cm</u>	
Reactive Phosphorus	<u>0.030</u> mg/L P	
Turbidity	<u>0.9</u> N.T.U./F.T.U.	

Weather conditions at the time of sampling:

☐ sunny ☒ cloudy ☐ overcast ☐ raining ☐ windy

Rainfall:

Last rainfall: ☐ More than week ago ☒ During the last week ☐ During the last 24 hours ☐ Raining now

Amount of rain (mm) _____

Water flow

Flow indicator (if available) _____ ML/day

Estimate of flow

☐ Not flowing (still)
☐ Not flowing (pool) ☒ Low (minimum)
☐ Medium (average) ☐ High (but below bankfull)
☐ Flood (over bank) ☐ Permanent (lakes & wetlands)

Water appearance

☒ Clear ☐ Milky ☐ Foamy /frothy
☐ Muddy ☐ Smelly ☐ Stained green
☐ Scummy ☐ Oily ☐ Stained brown
☐ Other (description) _____

Stream depth

Depth indicator _____ m ☐ 0 - 50 cm deep ☐ 51cm-1m deep ☒ 1 to 2 m deep ☐ Unknown depth

Stream width

Average width of stream: _____ m ☐ < 2 m wide ☒ 2 to 5 m wide ☐ >5 m wide

Drain present at site: ☐ no ☐ yes Water flowing from drain: ☐ yes Color _____ Odour _____

Litter pollutants: (Tick type found)

☐ paper ☐ bottles ☐ plastic ☐ clothing ☐ car bodies
☒ packets ☐ cans ☐ polystyrene ☐ oil ☐ petrol/diesel
☐ waxed cardboard ☐ other

Circumstantial hazards and additional risks

Hazard: _____

Risk: _____

Risk Control Measures: _____

Waterwatch Data Management System: Data entry

Person entering site visit information

Date of entry

Site visit approved by Coordinator (initial and date)