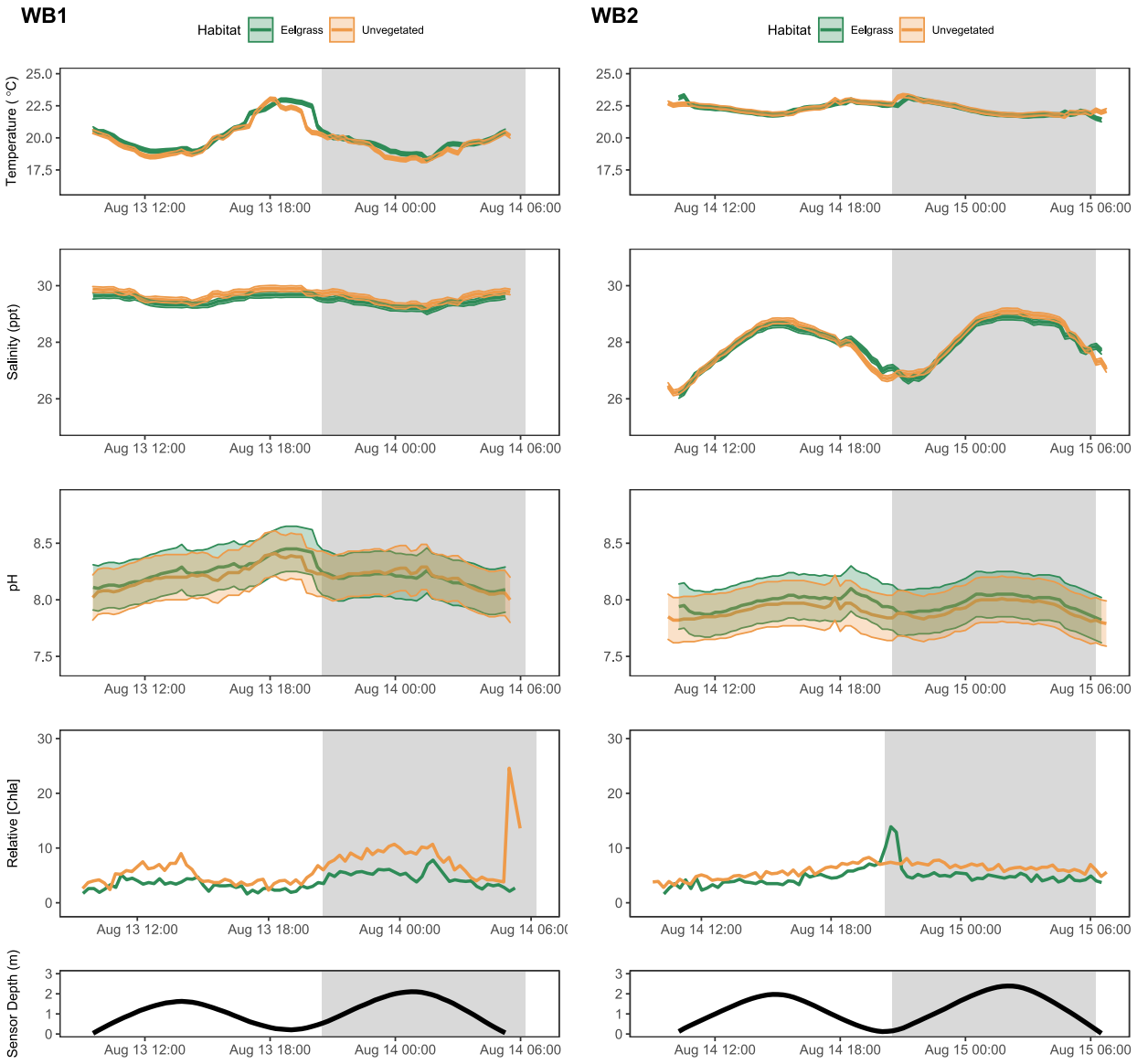

Fig. S1. Temperature (°C; sensor measure ± accuracy), salinity (ppt; sensor measure ± accuracy), pH (sensor measure ± accuracy), relative [Chla], and sensor depths (m) measured every 15 minutes over 24-hour deployments August 13 – 15, 2019 at each oyster outplant site in Willapa Bay (WB1, WB2) in adjacent eelgrass and unvegetated habitat (colored green and yellow, respectively). Each metric shows raw sensor measures ± sensor accuracy across each time series. Gray zones show hours of darkness based on first and last light. Note consecutive deployment dates for each site.

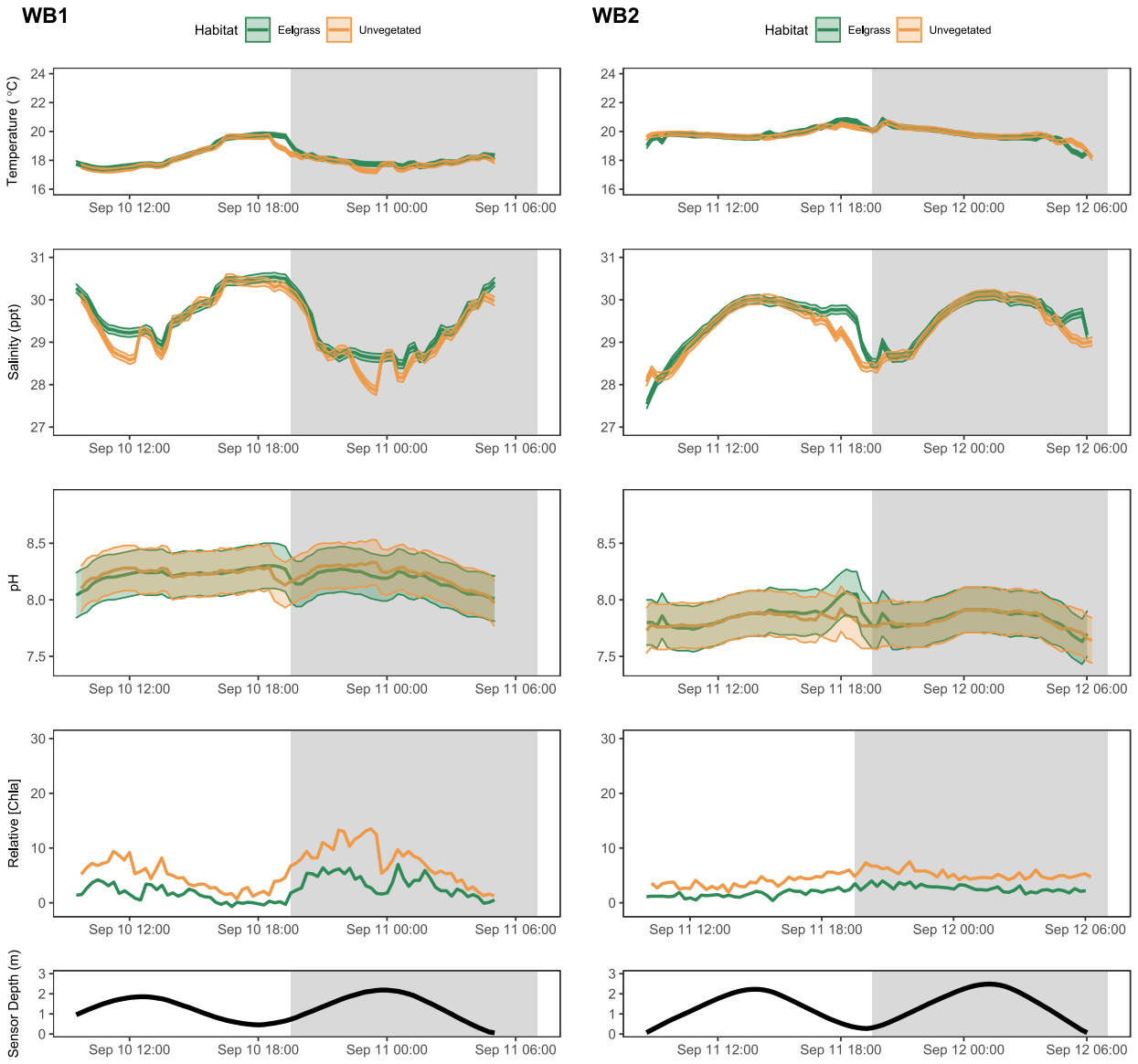

Fig. S2. Temperature (°C; sensor measure ± accuracy), salinity (ppt; sensor measure ± accuracy), pH (sensor measure ± accuracy), relative [Chla], and sensor depths (m) measured every 15 minutes over 24-hour deployments September 10 – 11, 2019 at each oyster outplant site in Willapa Bay (WB1, WB2) in adjacent eelgrass and unvegetated habitat (colored green and yellow, respectively). Each metric shows raw sensor measures ± sensor accuracy across each time series. Gray zones show hours of darkness based on first and last light. Note consecutive deployment dates for each site.

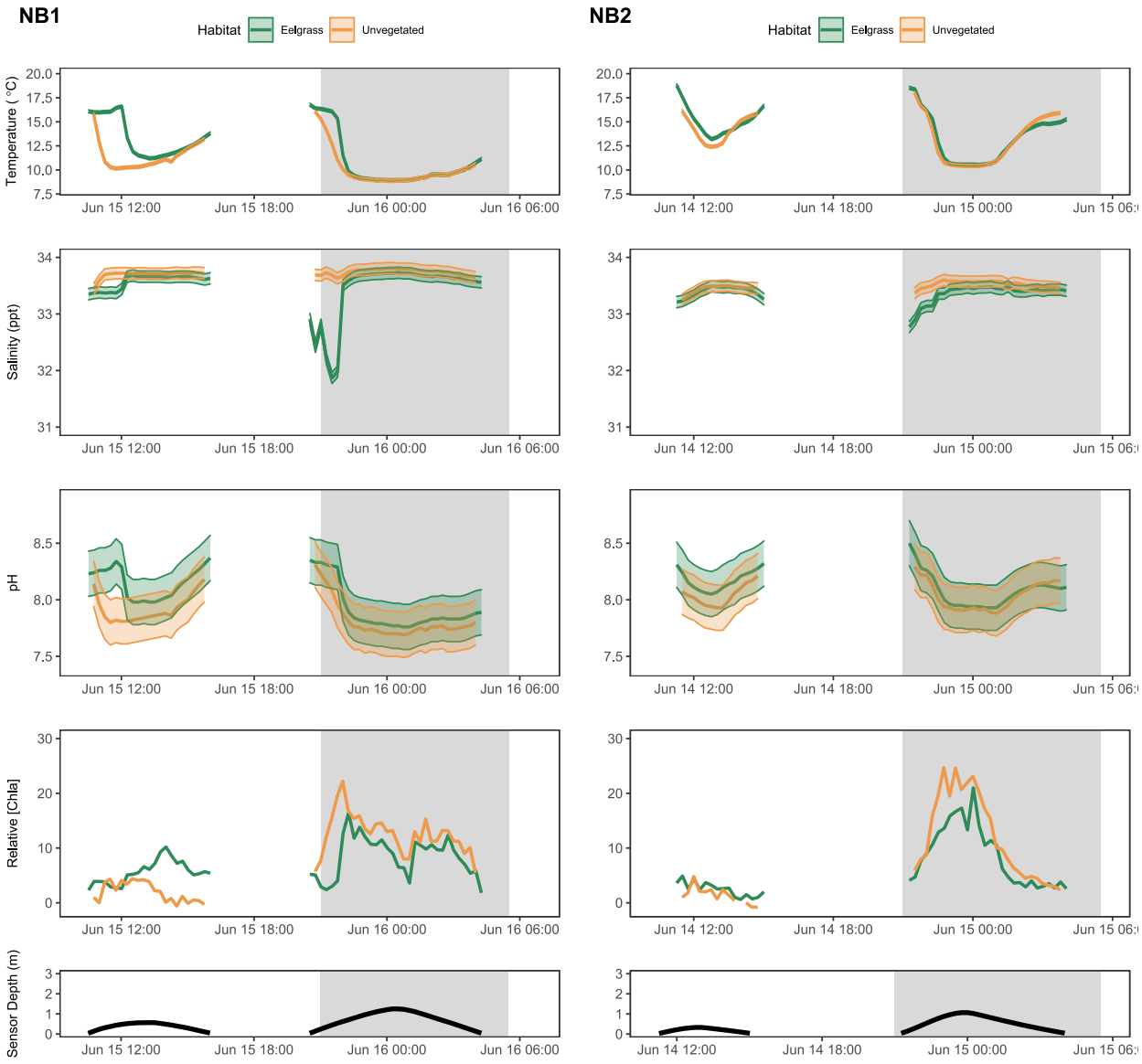

Fig. S3. Temperature (°C; sensor measure ± accuracy), salinity (ppt; sensor measure ± accuracy), pH (sensor measure ± accuracy), relative [Chla], and sensor depths (m) measured every 15-minutes over 24-hour deployments June 14 – 16, 2019 at each oyster outplant site in Netarts Bay (NB1, NB2) in adjacent eelgrass and unvegetated habitat (colored green and yellow, respectively). Each metric shows raw sensor measures ± sensor accuracy across each time series. Gray zones show hours of darkness based on first and last light. Note consecutive deployment dates for each site.

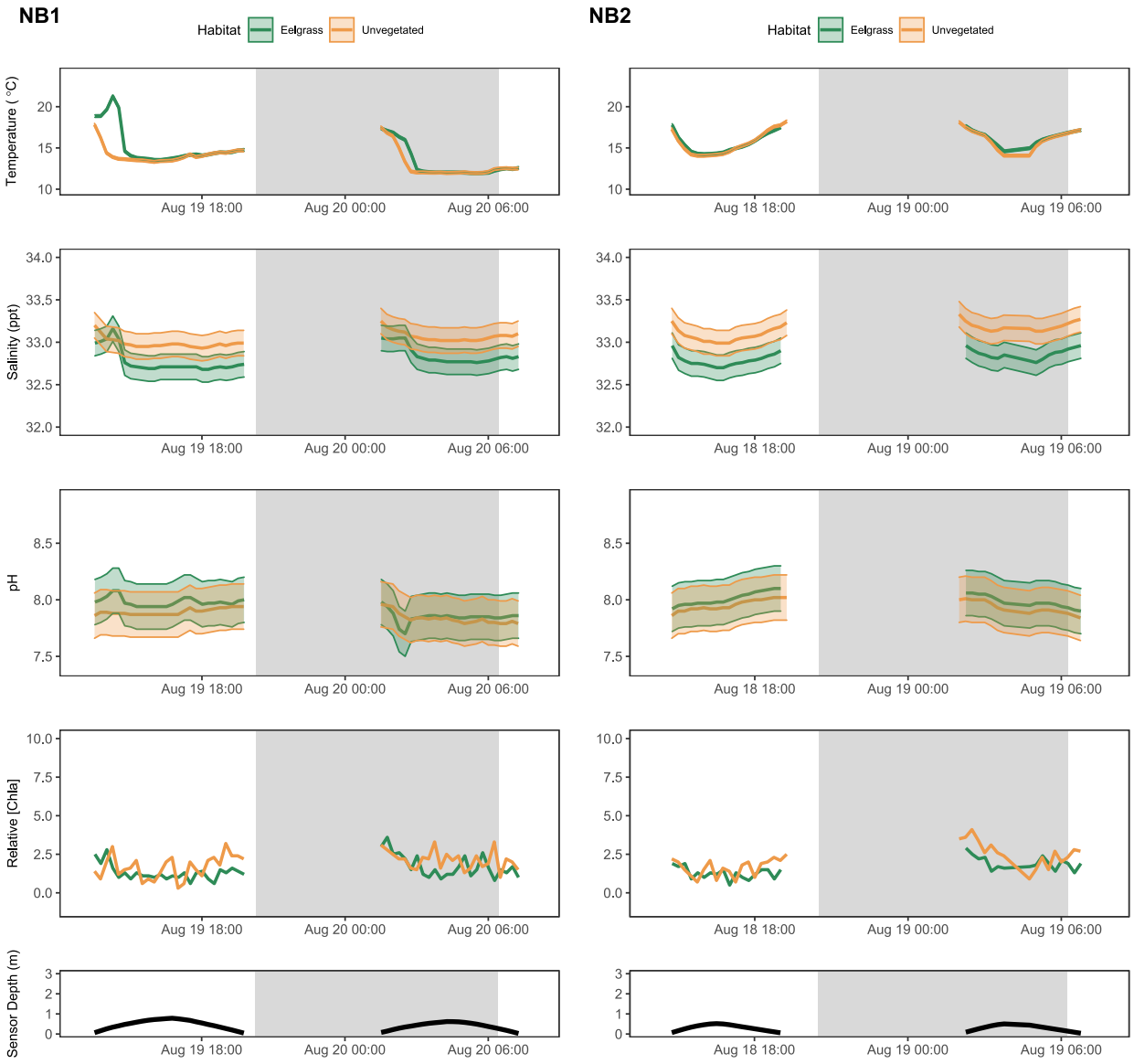

Fig. S4. Temperature (°C; sensor measure ± accuracy), salinity (ppt; sensor measure ± accuracy), pH (sensor measure ± accuracy), relative [Chla], and sensor depths (m) measured every 15-minutes over 24-hour deployments Aug 18 – 20, 2019 at each oyster outplant site in Netarts Bay (NB1, NB2) in adjacent eelgrass and unvegetated habitat (colored green and yellow, respectively). Each metric shows raw sensor measures ± sensor accuracy across each time series. Gray zones show hours of darkness based on first and last light. Note consecutive deployment dates for each site.

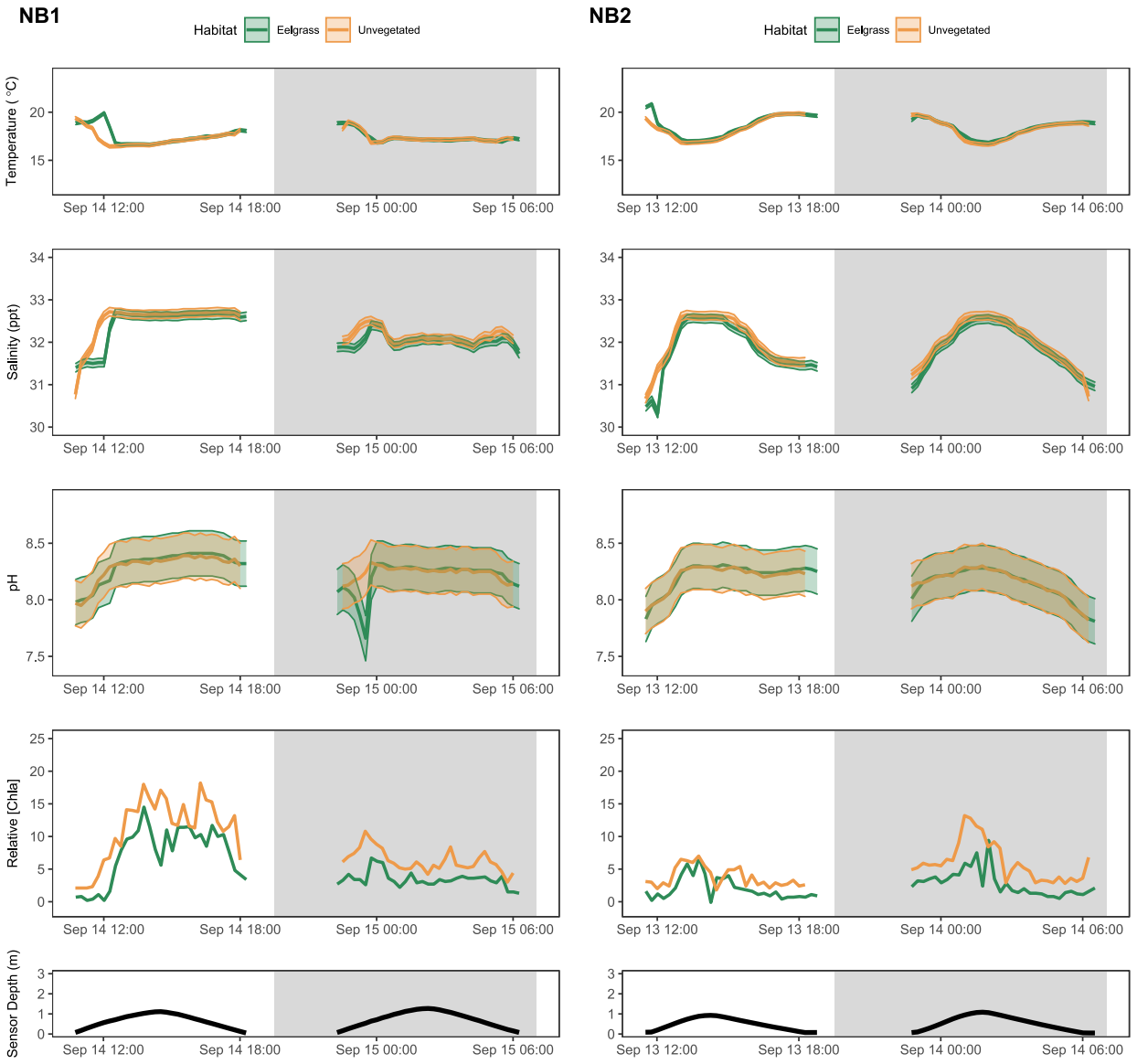

Fig. S5. Temperature (°C; sensor measure ± accuracy), salinity (ppt; sensor measure ± accuracy), pH (sensor measure ± accuracy), relative [Chla], and sensor depths (m) measured every 15 minutes over 24-hour deployments September 13 – 15, 2019 at each oyster outplant site in Netarts Bay (NB1, NB2) in adjacent eelgrass and unvegetated habitat (colored green and yellow, respectively). Each metric shows raw sensor measures ± sensor accuracy across each time series. Gray zones show hours of darkness based on first and last light. Note consecutive deployment dates for each site.