

Delaware River Basin Commission

Ultimate BOD Monitoring



STAC-MACC Meeting
June 17, 2019



Ultimate BOD Monitoring

- * Based on Eutrophication Model Expert Panel's recommendation
- * One of the key eutrophication model inputs for DO consumption
- * Monitoring Period: May – October
- * Monitoring Frequency:
 - * Every two weeks – Delaware River at Trenton and Schuylkill River
 - * Every Month – Rancocas Creek, Neshaminy Creek, and Brandywine Creek
- * Goal – CBODu and NBODu from major tributaries into the Estuary.

90-day Testing

	Day 0	Day 5	Day 10	Day 20	Day 40	Day 60	Day 90
BOD	0	0	0	0	0	0	0
NH3-N	0						0
TKN	0						0
NO2+NO3-N	0	0		0		0	0
COD	0						0
TOC	0	0		0		0	0
DOC	0	0		0		0	0
Ortho-P				Δ			Δ

Note: Δ – monitors for the first sample event for checking purpose