

Project ID	Back River			
Bottle #	BRB-1	BRB-2	BRB-3	BRB-4
Field Scientist 1	JFL	JFL	JFL	JFL
Field Scientist 2	DJR	DJR	DJR	DJR
Date	4.19.22	4.19.22	4.19.22	4.19.22
Start Time 24hr	0900	0907	0917	0930
End Time 24hr	0905	0912	0925	0940
Equip # ID	Z	Z	Z	Z
Sample/Reading Depth m	0.5	0.5	0.5	0.5
Air Temp °C	7	7	7	7
Weather Yesterday	6	6	6	6
Weather Today	1	1	1	1
Cloud Cover %	30	30	30	30
Wind Direction	W	W	W	W
Wind Velocity Min. knots	17	11	11	11
Wind Velocity Max. knots	21	16	16	16
Secchi Depth m	0.3	0.3	0.3	0.4
Wave Height m	0.4	0.4	0.4	0.4
Total Depth m	1.7	3.6	3.4	1.7
Water Temp °C	11.0	13.2	12.8	10.3
pH	7.6	7.4	7.4	7.7
D.O. mg/l	9.4	9.1	9.1	9.4
Specific Conductivity uS/cm	719	804	792	698
Salinity ppt	0.4	0.4	0.4	0.3
Turbidity NTU	14.6	16.5	21.1	19.5
Chlorophyll Filter Vol. ml				

Comments: ALSO ON BOARD - BARBARA JOHNSON (BLUE WATER BALTO)
 DESIRE - BRRC
 1-2" OF RAIN 24 HRS PRIOR TO SAMPLING
 WINDS 11-21 KNOTS + TIDE WAS FLOODING

Readings/Sample 1 M off bottom

Weather Codes:		Wave Height: m	
0 = Cloudless	5 = Drizzle/Light Rain	Flat Calm = 0.0m	Slight Ripple = 0.09m
1 = Cloudy/Partly Cloudy	6 = Rain	Ripple-1ft = 0.2m	1-2ft = 0.4m
2 = Overcast	7 = Snow, Sleet, or Hail	2-4ft = 1.00m	4-6ft = 1.5m
3 = Drifting Snow/Dust/Sandstorm	8 = Rain Showers	6-8ft = 2.10m	8-13ft = 3.00m
4 = Fog	9 = Thunderstorms, Squalls		
Wind Velocity: Knots			
0-1, 1-3, 4-6, 7-10, 11-16, 17-21, 22-27			