

Eel River at Scotia

Data Collection by Mr. McCuen's class with Sal Steinberg and Niko Hudson

5/14/2021

GPS Location: Each student has it. Please ask them.

DATA COLLECTION

Group 1

Air Temperature: Group 1 12.5 C 12.5 C 13.7 C 56.2 F

Water Temperature : Group 1 17.0 C 16.5 C 61.3 F

PH 7.8,7.8,7.8,7.8

Turbidity 1,1,1,1,1,1

NTU's Note Turbidimeter rounds off to the nearest whole number

Dissolved Oxygen 10,10,10,10

River Flow : Measure 20 feet, throw orange peels, record speed, Divide 20 feet/seconds to get speed. Note speed is in cubic feet per second.

.76 cubic feet per second, .66 cubic feet per second, 1.66 cubic feet per second

.71 cubic feet per second, .86 cubic feet per second, 1.05 cubic feet per second

Group 2

Air 13.5 C 13.6 C 13.7 C 56.2 F

Water 17.0 C 17.2 C 62.8 F

PH 7.8,7.8,7.8,7.2

Turbidity 1,1,1,1,1,2 NTU's

Did not do dissolved Oxygen

.76 cubic feet per second, .38 cubic feet per second, 1.66 cubic feet per second

.66 cubic feet per second, 2.22 cubic feet per second, 5 cubic feet per second

