



PROJECT OCEANOLOGY

Water Sampling Data Sheet



Date: 8/24/22

Location: Norwich Harbor

Names: Project Oceanology

Station #: 12

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:	0	25	1.020	8.0	6
Middle:					
Bottom:	10.9	22	1.021	7.7	22

Date: 8/24/22

Location: Poquetanuck Cove

Names: Project Oceanology

Station #: 10

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:	0	25	1.011	8.4	6
Middle:					
Bottom:	6	23	1.022	7.9	14

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www.oceanology.org

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PROJECT OCEANOLOGY

Water Sampling Data Sheet



Date: 8/24/22

Location: Montville Power Station

Names: Project Oceanology

Station #: 8

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:	0	24	1.018	8.0	12
Middle:					
Bottom:	6	23	1.025	7.7	24

Date: 8/24/22

Location: Mamacolce Cove

Names: Project Oceanology

Station #: 6

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:	0	25	1.020	8.5	14
Middle:					
Bottom:	8	24	1.022	8.5	14

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Project Oceanology
Phosphate (PO_4) Data Sheet
Enviro-Lab

Names: Project Oceanology

Date: 8/24/22

Time: _____

Location: Norwich Harbor

Sample Depth:

Station #: 12

Top: 0 m

Bottom: 10 m

Sample	Colorimeter Reading = PO_4 Conc. (mg/L)
Top	0.10
Top	0.23
Top	0.32
Bottom	0.75
Bottom	0.75
Bottom	0.75

Names: Project

Date: 8/24/22

Oceanology

Time: _____

Location: Mama Core Cove

Sample Depth:

Station #: 6

Top: 0 m

Bottom: —

Sample	Colorimeter Reading = PO_4 Conc. (mg/L)
Top	0.07
Top	0.26
Top	0.14
Bottom	
Bottom	
Bottom	



Project Oceanology
Phosphate (PO_4) Data Sheet
Enviro-Lab

Names: Project
Oceanology

Date: 8/24/22

Time: -

Location: Monville Power Plant Sample Depth:

Station #: 8

Top: 0m

Bottom: 6m

Sample	Colorimeter Reading = PO_4 Conc. (mg/L)
Top	0.22
Top	0.21
Top	0.23
Bottom	0.56
Bottom	0.31
Bottom	0.26

Names: Project
Oceanology

Date: 8/24/22

Time: -

Location: Poquetanuck Cove Sample Depth:

Station #: 10

Top: 0m

Bottom: 6.5m

Sample	Colorimeter Reading = PO_4 Conc. (mg/L)
Top	0.29
Top	0.26
Top	0.40
Bottom	0.56
Bottom	0.58
Bottom	0.58



PROJECT OCEANOLOGY

Temperature, Salinity and
Dissolved Oxygen Data Sheet



Names: Project Oceanology

Date: 8/24/22

	STATION 1				STATION 2				STATION 3			
Location	12: Norwich Harbor				10: Poquetanuck				8: Montville Powerplant			
Depth (m)	Temp (°C)	Sal (ppt)	D.O. Sat (%)	D.O. (mg/L)	Temp (°C)	Sal. (ppt)	D.O. Sat (%)	D.O. (mg/L)	Temp (°C)	Sal (ppt)	D.O. Sat. (%)	D.O. (mg/L)
Surface	24.93	1.59	115.5	9.50	25.20	14.98	122.1	9.16	24.0	24.73	101.4	7.38
1	24.76	18.22	87.5	6.55	25.12	20.65	108.4	7.81	23.85	25.17	84.9	6.26
2	22.46	25.64	22.0	1.64	22.29	29.15	47.0	3.43	23.28	27.43	73.3	5.36
3	21.81	28.64	16.4	1.22	21.40	29.44	44.3	3.25	22.23	29.52	57.2	4.16
4	21.59	29.75	11.5	0.85	21.67	30.33	42.0	3.09	21.37	30.90	53.2	3.93
5	21.54	29.86	12.6	0.93	21.60	30.38	42.5	3.14	21.26	30.99	52.5	3.89
6	21.52	29.84	13.3	0.99	21.58	30.39	41.9	3.09	21.18	31.09	54.4	4.03
7	21.48	30.03	13.7	0.97								
8	21.49	30.09	16.0	1.18								
9	21.49	30.10	16.7	1.16								
10	21.46	30.12	15.4	1.14								
11												
12												
13												
14												
15												



PROJECT OCEANOLOGY

Temperature, Salinity and
Dissolved Oxygen Data Sheet

Names: Project Oceanology

Date: 8/24/22

	STATION 1				STATION 2				STATION 3			
Location	6 : Mama Colce											
Depth (m)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)
Surface	24.80	27.39	111.8	7.45								
1	24.80	27.45	112.4	7.49								
2	23.83	28.19	113.5	8.16								
3	21.60	31.34	72.5	5.33								
4	21.56	31.36	71.9	5.26								
5	21.43	31.46	70.1	5.15								
6	21.38	31.51	67.3	4.95								
7	21.37	31.51	62.5	4.55								
8	21.37	31.51	59.4	4.42								
9												
10												
11												
12												
13												
14												
15												



PROJECT OCEANOLOGY

Nitrate (NO₃-) Data Sheet

Enviro-Lab

Names: Project Oceanology

Date: 8/24/22

Time: _____

Location: Norwich Harbor

Sample Depth:

Station #: 12

Top: 0 m

Bottom: 10 m

Sample	Colorimeter Reading	Multiply by 4.4	NO ₃ - Conc. (mg/L)
Top	0.02	X 4.4	0.088
Top	0.02	X 4.4	0.088
Top	0.01	X 4.4	0.044
Bottom	0.02	X 4.4	0.088
Bottom	0.04	X 4.4	0.176
Bottom	0.03	X 4.4	0.132

Names: Project

Date: 8/24/22

Oceanology

Time: _____

Location: Montville Powerplant

Sample Depth:

Station #: 8

Top: 0 m

Bottom: 6 m

Sample	Colorimeter Reading	Multiply by 4.4	NO ₃ - Conc. (mg/L)
Top	0.02	X 4.4	0.088
Top	0.01	X 4.4	0.044
Top	0.01	X 4.4	0.044
Bottom	0.00	X 4.4	0.000
Bottom	0.01	X 4.4	0.044
Bottom	0.01	X 4.4	0.044



PROJECT OCEANOLOGY

Nitrate (NO_3^-) Data Sheet
Enviro-Lab



Names: Project

Date: 8/24/22

Oceanology

Time: -

Location: Poguetanuck Cove

Sample Depth:

Station #: 10

Top: 0m

Bottom: 6.5

Sample	Colorimeter Reading	Multiply by 4.4	NO_3^- Conc. (mg/L)
Top	0.01	X 4.4	0.044
Top	0.01	X 4.4	0.044
Top	0.01	X 4.4	0.044
Bottom	0.01	X 4.4	0.044
Bottom	0.01	X 4.4	0.044
Bottom	0.01	X 4.4	0.044

Names: Project

Date: 8/24/22

Oceanology

Time: -

Location: Mama Colce Cove

Sample Depth:

Station #: 6

Top: 0m

Bottom: 6m

Sample	Colorimeter Reading	Multiply by 4.4	NO_3^- Conc. (mg/L)
Top	0.01	X 4.4	0.044
Top	0.03	X 4.4	0.132
Top	0.02	X 4.4	0.088
Bottom	0.02	X 4.4	0.088
Bottom	0.02	X 4.4	0.088
Bottom	0.01	X 4.4	0.044



PROJECT OCEANOLOGY

Water Clarity Data Sheet



Names: Project Oceanology

Date: 8/24/22

Station #	X8	X10	X12
Location	Montville	Poquetanuck	Norwich Harbor
Secchi Disc (m)	1.0	0.75	1.0
Water Color	XIV	XXI	XVII
Water Depth (m) a) Sounding Line	6.5	7.25	10.5
b) Depth Sounder	6.4	6.7	10.7

Names: Project Oceanology

Date: 8/24/22

Station #	X6	2	3
Location	Mama Cove		
Secchi Disc (m)	1.75		
Water Color	XV		
Water Depth (m) a) Sounding Line	4.5		
b) Depth Sounder	8.7		