

Recording Form for Dissolved Oxygen, Turbidity, Water Temperature and Weather

Name: _____

Camera No.: _____

Watershed Name: _____

Stream Sampled: _____

Location: _____

Site ID: _____

(County, Township, Range, Section, Road, Intersection, Other)

		Dissolved Oxygen			Turbidity				Water Temp.		Weather Past 2 Days		
Date	Time	No. Titration Drops	mg/L	% Saturation	Rep. 1 in. above target	Rep. 2 in. above target	Ave. in. above target	NTUs*	°F	°C*	Air Temp. °F	Air Temp. °C*	Weather**

Date:

Streamside Observations:

Photo # (How many pix left on camera):

* See back for conversion charts. Data must be recorded in these units.

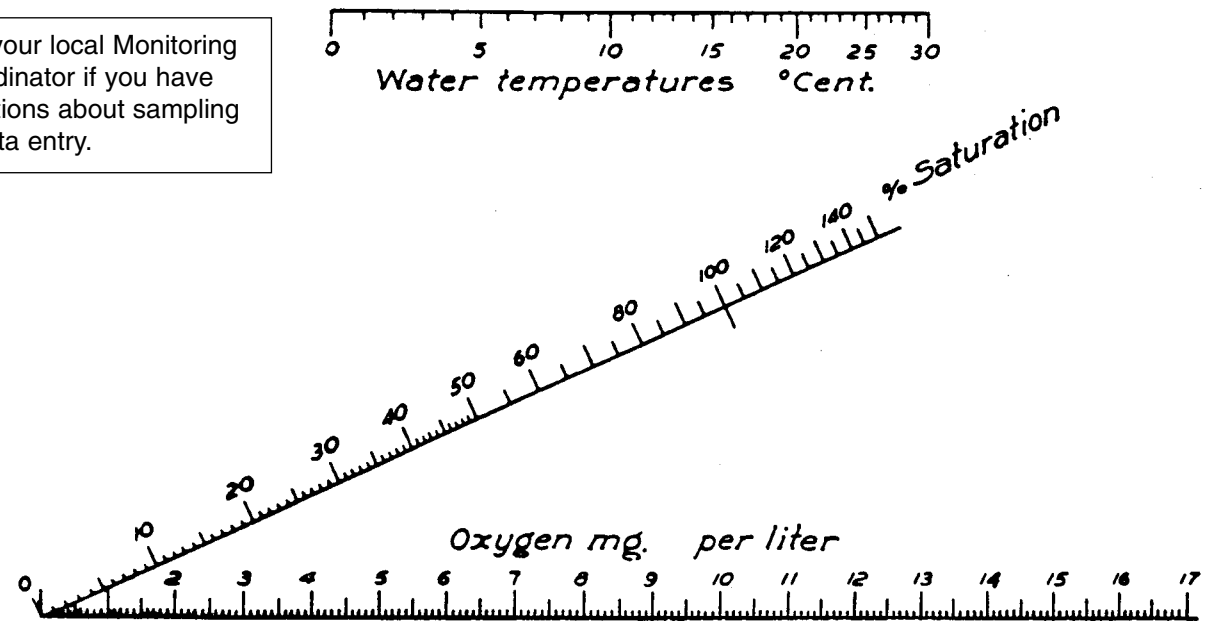
**Use one of these terms to describe the weather: sunny, partly sunny, cloudy, rain or snow.

Turbidity Values Conversion Chart

Inches	Turbidity Value
2.5 to 2.75	240
2.76 to 3.25	185
3.26 to 3.75	150
3.76 to 4.25	120
4.26 to 4.75	100
4.76 to 5.5	90
5.6 to 6.5	65
6.6 to 7.5	50
7.6 to 8.5	40
8.6 to 9.5	35
9.6 to 10.5	30
10.6 to 11.5	27
11.6 to 12.5	24
12.6 to 13.5	21
13.6 to 14.5	19
14.6 to 15.5	17
15.6 to 16.5	15
16.6 to 17.5	14
17.6 to 18.5	13
18.6 to 19.5	12
19.6 to 20.5	11
20.6 to 21.5	10
>21.6	<10

Call your local Monitoring Coordinator if you have questions about sampling or data entry.

Level of Oxygen Saturation Chart



How to Find Percentage of Saturation: Using a straight edge, find your water temperature (convert from Fahrenheit if necessary using chart below). Align with the Oxygen mg/Liter scale. The percentage of saturation is on the same line. For example, 5° with 10 mgs. of oxygen aligns with 75% saturation, which is your answer.

Temperature Conversion Chart

Fahrenheit	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Celsius	.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5	5.6	6.1	6.7	7.2	7.8
Fahrenheit	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Celsius	8.3	8.9	9.4	10	10.6	11.1	11.7	12.2	12.8	13.3	13.9	14.4	15	15.6
Fahrenheit	61	62	63	64	65	66	67	68	69	70	71	72	73	74
Celsius	16.1	16.7	17.2	17.8	18.3	18.9	19.4	20	20.6	21.1	21.7	22.2	22.8	23.3
Fahrenheit	75	76	77	78	79	80	81	82	83	84	85	86	87	88
Celsius	23.9	24.4	25	25.6	26.1	26.7	27.2	27.8	28.3	28.9	29.4	30	30.6	31.1

Please Send Data Sheet to:

Water Action Volunteers