Stream Study Data Sheet

Date:_10/8/2015 School: JoAnna Connell Stream: Cemetery Run Site 1 No. of students:20

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				X			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1	#2	#3	91-110%	71-90%	51-70%	<50%
Nitrate	#1	#2	#3			5ppm	20,40ppm
Phosphate	#1	#2	#3	1ppm	2ppm	4ppm	
pH	#1	#2	#3	7	6,8		4,5,9,10,11
Temperature Downstream_____ Upstream_____12 C_____ Difference_____				0-2	3-5	6-10	>10
Turbidity	#1	#2	#3	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant

Stream Study Data Sheet

Date:_10/8/2015 School: JoAnna Connell Stream: Cemetery Run Site 2 No. of students:20

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				X			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1	#2	#3	91-110%	71-90%	51-70%	<50%
Nitrate	#1	#2	#3			5ppm	20,40ppm
Phosphate	#1	#2	#3	1ppm	2ppm	4ppm	
pH	#1	#2	#3	7	6,8		4,5,9,10,11
Temperature Downstream_____ Upstream_____ Difference_____				0-2	3-5	6-10	>10
Turbidity	#1	#2	#3	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant

Stream Study Data Sheet

Date:_10/8/2015 School: JoAnna Connell Stream: Cemetery Run Site 3 No. of students:20

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				X			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1	#2	#3	91-110%	71-90%	51-70%	<50%
Nitrate	#1	#2	#3			5ppm	20,40ppm
Phosphate	#1	#2	#3	1ppm	2ppm	4ppm	
pH	#1	#2	#3	7	6,8		4,5,9,10,11
Temperature Downstream_____ Upstream_____ Difference_____				0-2	3-5	6-10	>10
Turbidity	#1	#2	#3	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant

Stream Study Data Sheet

Date:_10/8/2015 School: JoAnna Connell Stream: Cemetery Run Site 4 No. of students:20

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				X			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1	#2	#3	91-110%	71-90%	51-70%	<50%
Nitrate	#1	#2	#3			5ppm	20,40ppm
Phosphate	#1	#2	#3	1ppm	2ppm	4ppm	
pH	#1	#2	#3	7	6,8		4,5,9,10,11
Temperature Downstream_____15 C_____ Upstream_____ Difference_____				0-2	3-5	6-10	>10
Turbidity	#1	#2	#3	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant

Stream Study Data Sheet

Date:_10/8/2015 School: JoAnna Connell Stream: Cemetery Run Site 5 No. of students:20

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				X			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1	#2	#3	91-110%	71-90%	51-70%	<50%
Nitrate	#1	#2	#3			5ppm	20,40ppm
Phosphate	#1	#2	#3	1ppm	2ppm	4ppm	
pH	#1	#2	#3	7	6,8		4,5,9,10,11
Temperature Downstream_____16 C_____ Upstream_____ Difference_____				0-2	3-5	6-10	>10
Turbidity	#1	#2	#3	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant