

Wisconsin Envirothon 2004

Water Resources

Answer Key

Question 1 (8 points)

I
H
A
D
B
G
E
C

Question 2 (5 points)

Transportation
Power to run grain and lumber mills
Fish and wildlife
Drinking water
Place to dump waste

Question 3 (5 Points)

Thermal impacts – warmer
Higher nutrient and sediment load
Reduced habitat
Flow Problems- Lower Baseflow due to less infiltration
Higher event flows due to rapid runoff

Question 4 (2 points)

D Coliform Bacteria are anaerobic

Question 5 (1 point each)

F
T
F
F
F

Question 6 (2 points each)

Question 7 (5 points)

Rain gardens	Grassed Waterways
Buffer zones	Inlet Protection
Silt Fence	Straw Bales
Select cut on slopes	Erosion Matting
Sedimentation/Detention/Infiltration Ponds	
Contour farming	Phasing of Construction

Question 8 (5 points)

Question 9 (5 points)

Acid Rain
Agriculture
Livestock
Road Runoff (salt/sediment)
Septic system contamination

Question 10 (8 points)

I
A
E
D
H
F
G
C

Question 11 (3 points)

Ag field with herbicides

Question 12 (3 points)

C

Question 13 (3 points)

C

Question 14 (2 points)

Groundwater withdrawal
Recharge/Infiltration reduction

Question 15 (1 point each)

T
F
F
T
F

Question 16 (2 points)

D

Question 17 (2 points)

A (1 point)
D (1 point)

Question 18 (2 points)

Reduce Recharge

Question 19 (2 points each)

B
D
C
E
A

Question 20 (2 points each)

3
5
2
1
4