AMI'S are indicators for water quality:

An indicator is something you

can make you that sizes that

An indicator is something you can measure that gives you information about something else. The reason we use indicators is because they are easier, quicker, and/or more convenient than other measurements.

Remember. Water quality is relative

(Always in reference to some use of water)

Recreation (minor) AMI's can
tell us influity
the water for
organisms (myor)

PH~5-8

If AM's tell us
that the water
quality is good

DO=high

His is what that

Ixals like.

Mayfly Richness Population
This is the total number of mayfly families identified from the sample.

Stonefly Richard Pool to N
This is the total number of stonefly families identified from the sample.

Caddisfly Riebnass, Popolition
This is the total number of caddisfly families, identified from the sample.

% Chironomidae TVE Flies indi
This is the total number of chironomids (midges) in
the sample divided by the total number of Chie Flies

organisms sorted from the sample, multiplied by

Mominance (non Marca). (This is the total number of the linear most abundant organisms divided by the total number sorted from the sample, multiplied by 100.

Add up the scores for each metric to determine the total site score or biotic index. The total scores are used to determine three levels of impairment as indicated below.

Table 12-4. Family level metrics and scoring criteria.

	Scoring Criteria				
Ra Metric Va	aw lue 5	3	1	Score (Circle)	
Taxa Richness for ogs	>18	10-18	<10	5 3 1	
Mayfly Richness Pop	>4	2-4	<2	5 3 1	
Stonefly Richness P	>3	1-3	0	5 3 1	
Caddisfly Richness	>4	2-4	<2	5 3 1	
% Chironomidae fre flo	د S <15	15-30	>30	5 3 1	
% Dominance	<30	30-50	>50	5 3 1	
(Top 3 Taxa)					

Score Range	Stream Condition
>23	No impairment: passes Level 2 assessment. Indicates good diversity of invertebrates and stream conditions with little disturbance. Further sampling will help confirm the site's condition as unimpaired.
17-23	Moderate Impairment: evidence of some impairment exists. Requires further study and more detailed analysis.
<17	Severe Impairment: fails Level 2 assessment. Evidence of stream disturbance exists. Further study may be warranted to confirm level of impairment and potential causes.