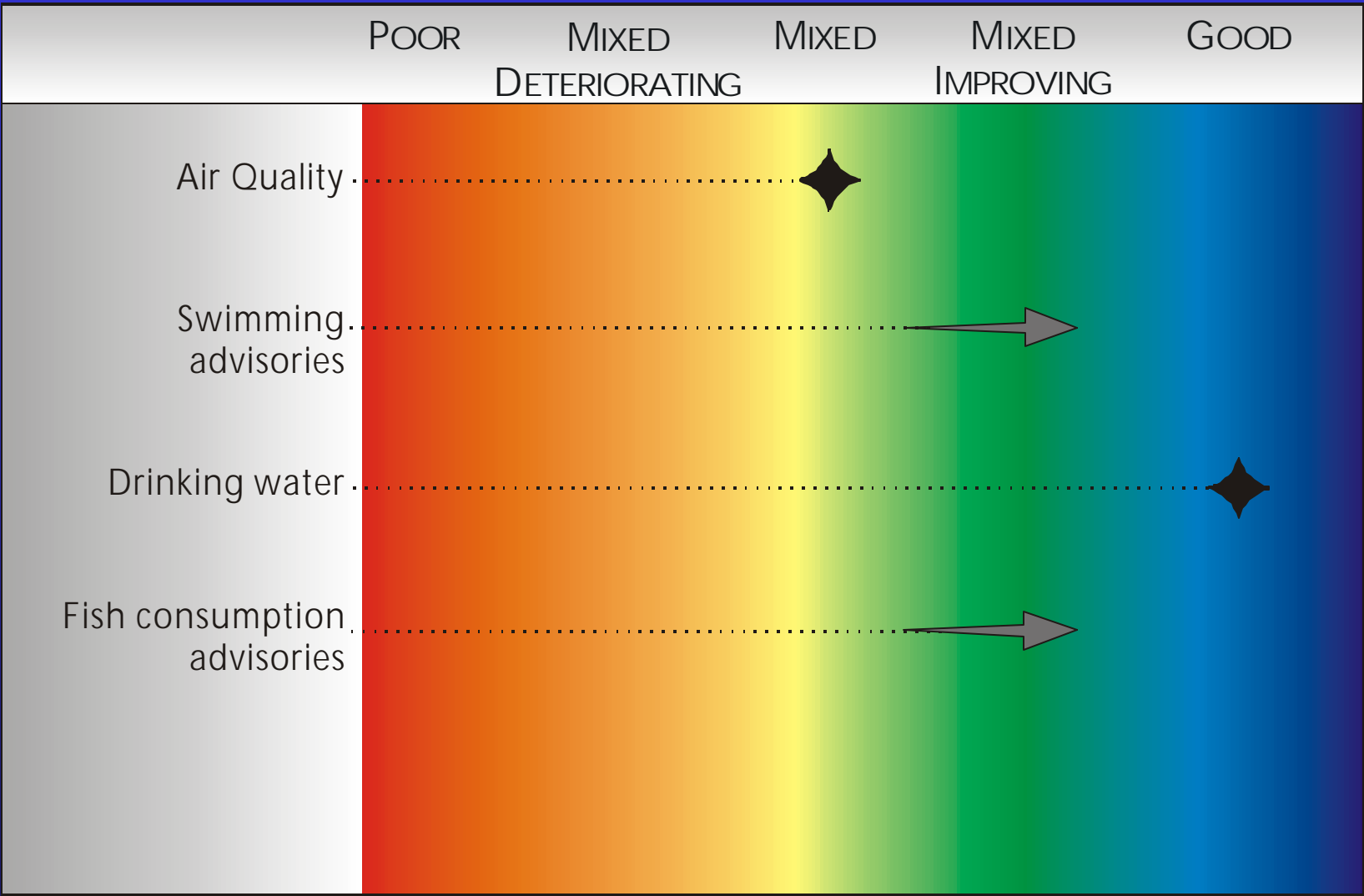


SUMMARY AND CHARGE

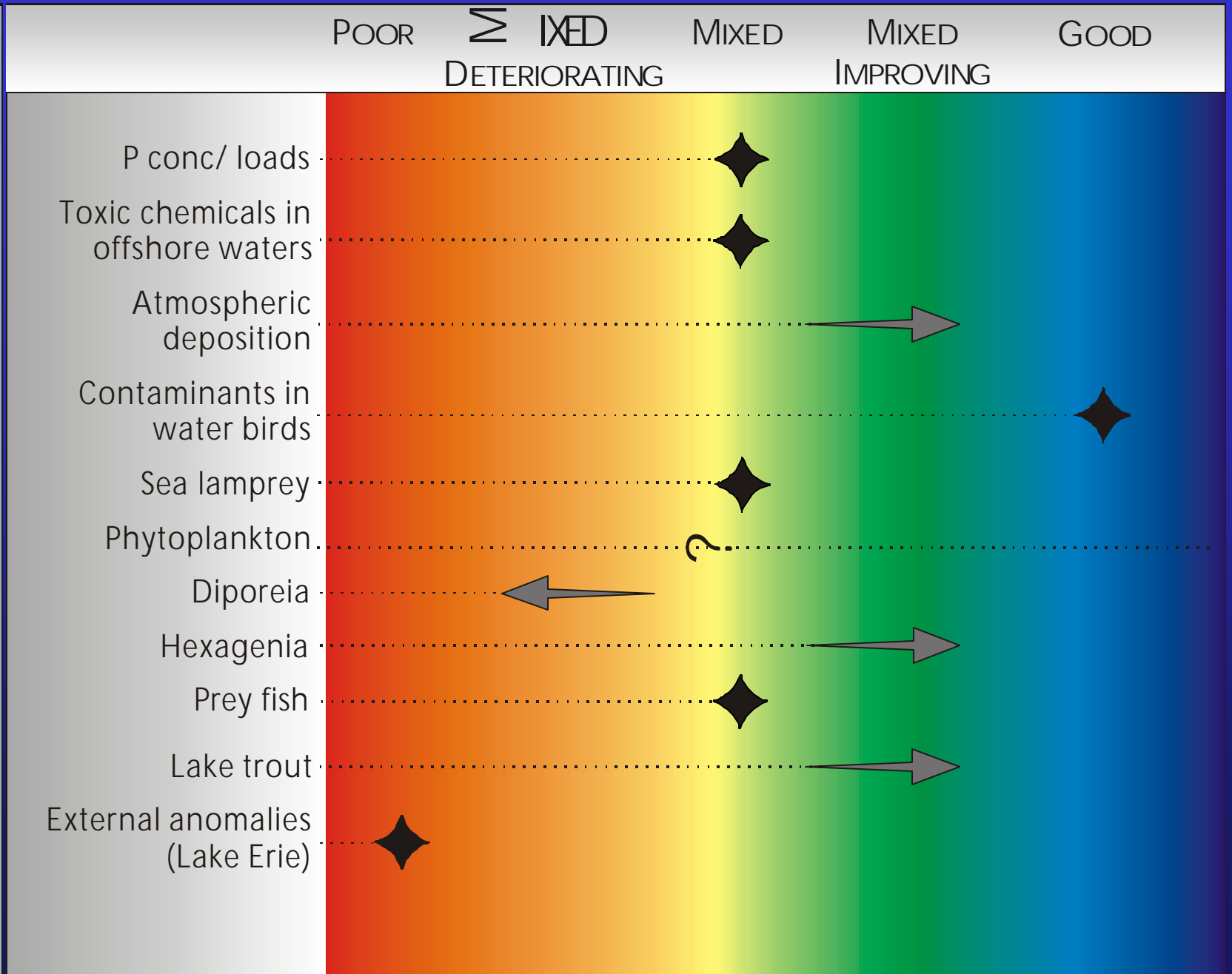
Kelly Burch
Pennsylvania Department of
Environmental Protection



HUMAN HEALTH

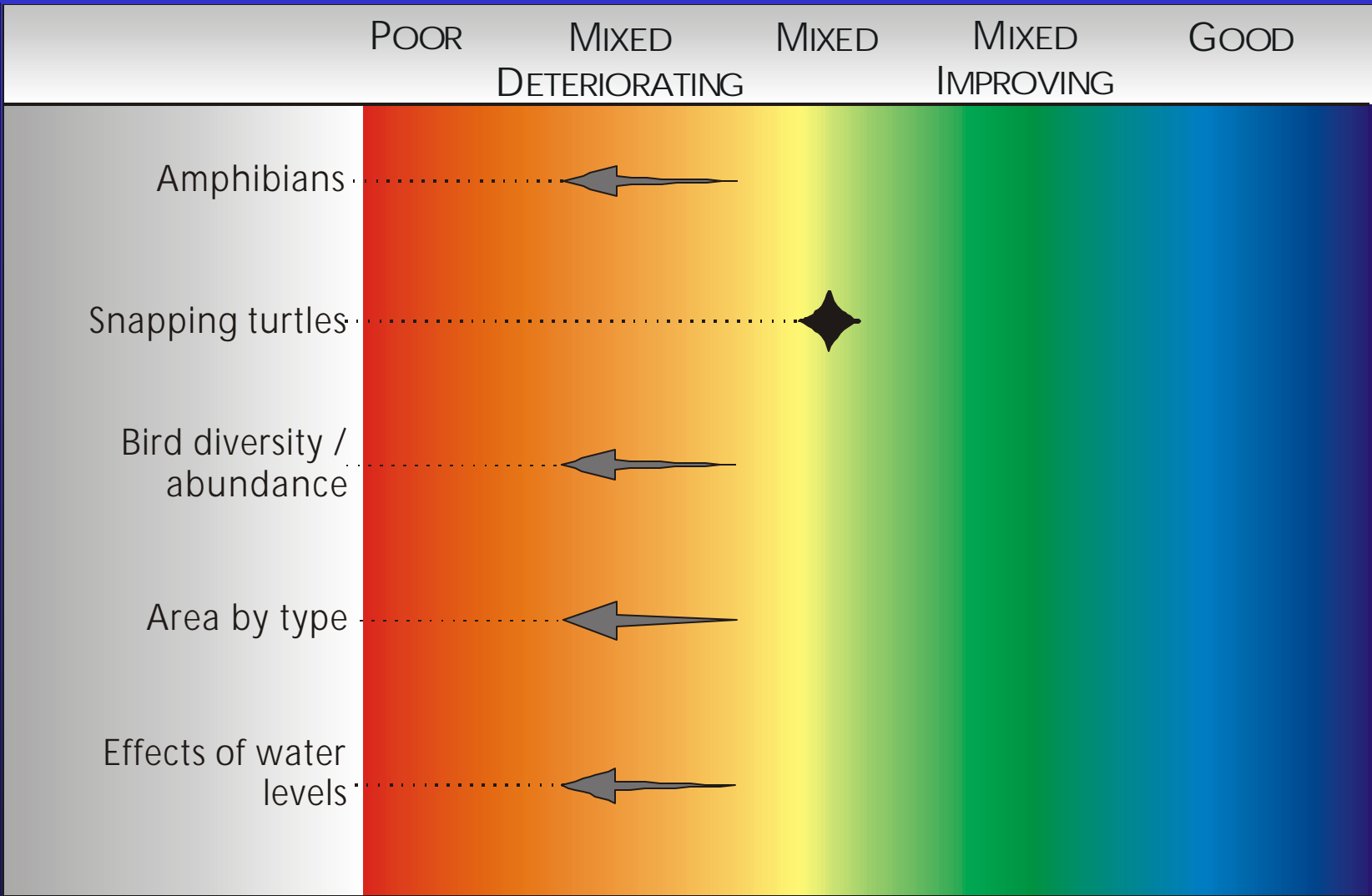


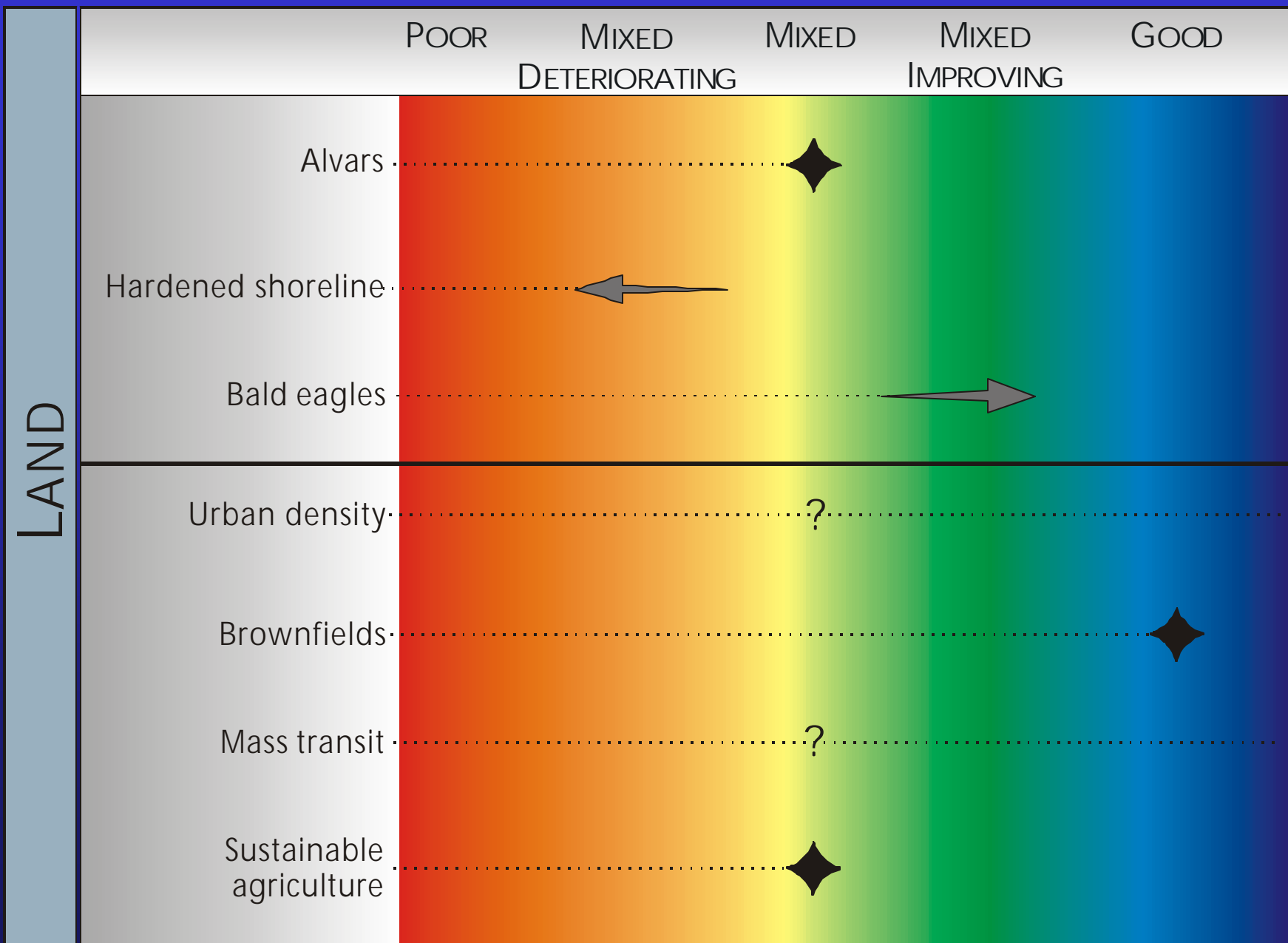
AND NEARSHORE WATERS



NOPEO

COASTAL WETLANDS





LAND

POOR

MIXED DETERIORATING

MIXED

MIXED IMPROVING

GOOD

Alvars

Hardened shoreline

Bald eagles

Urban density

Brownfields

Mass transit

Sustainable agriculture

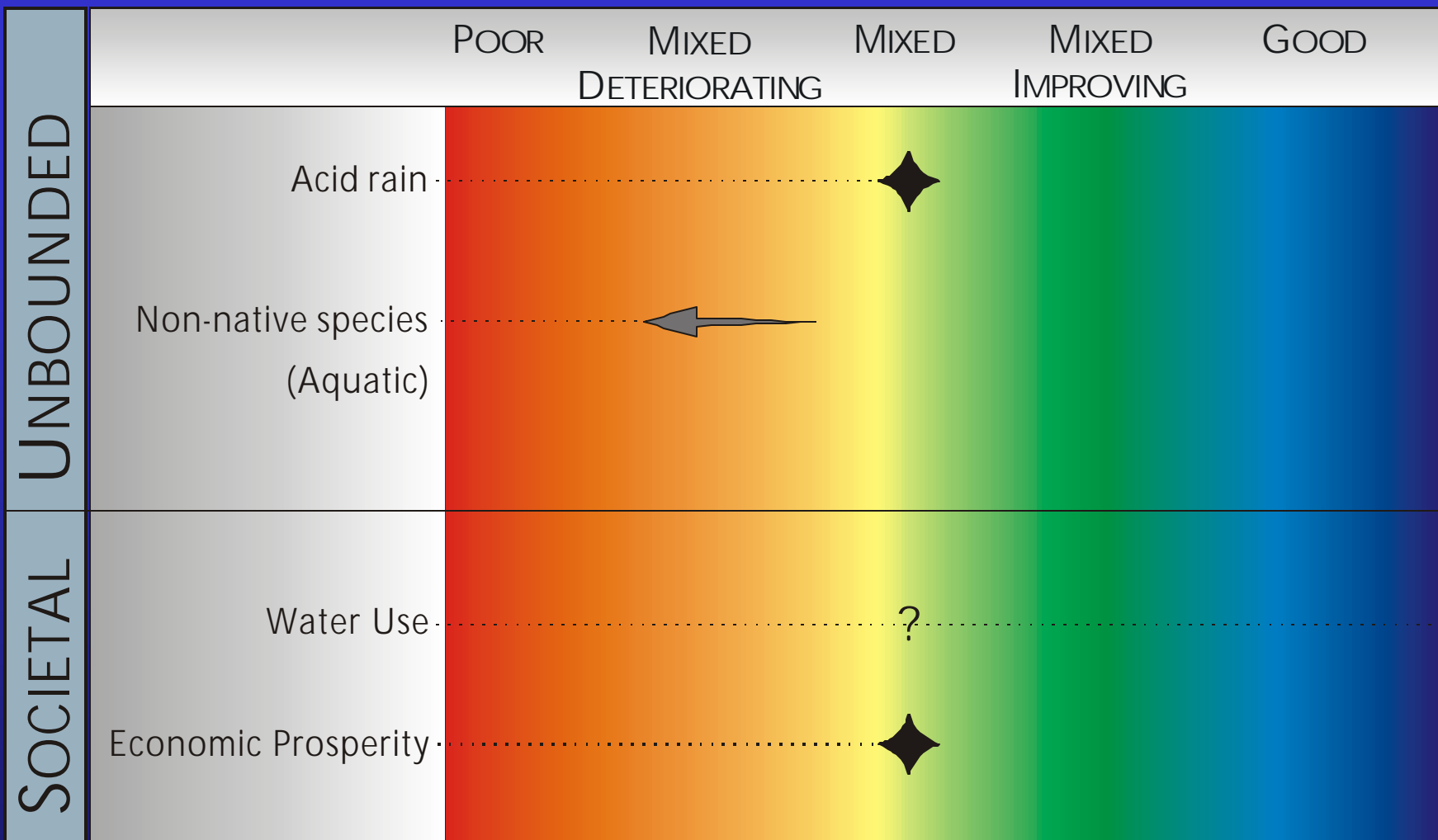


?



?





UNBOUNDED

SOCIETAL

Acid rain

Non-native species
(Aquatic)

Water Use

Economic Prosperity

POOR

MIXED
DETERIORATING

MIXED

MIXED
IMPROVING

GOOD



?

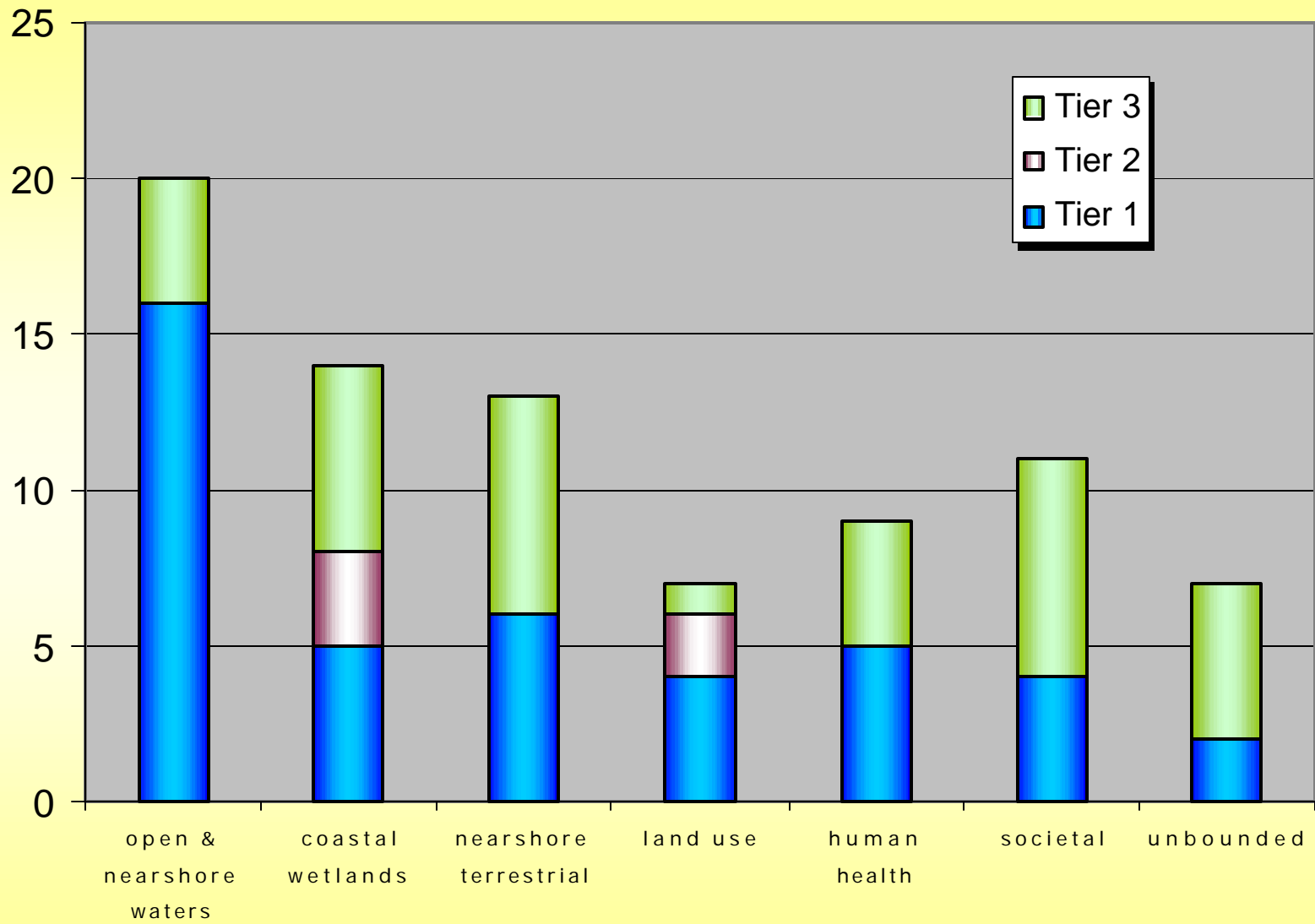


Summary

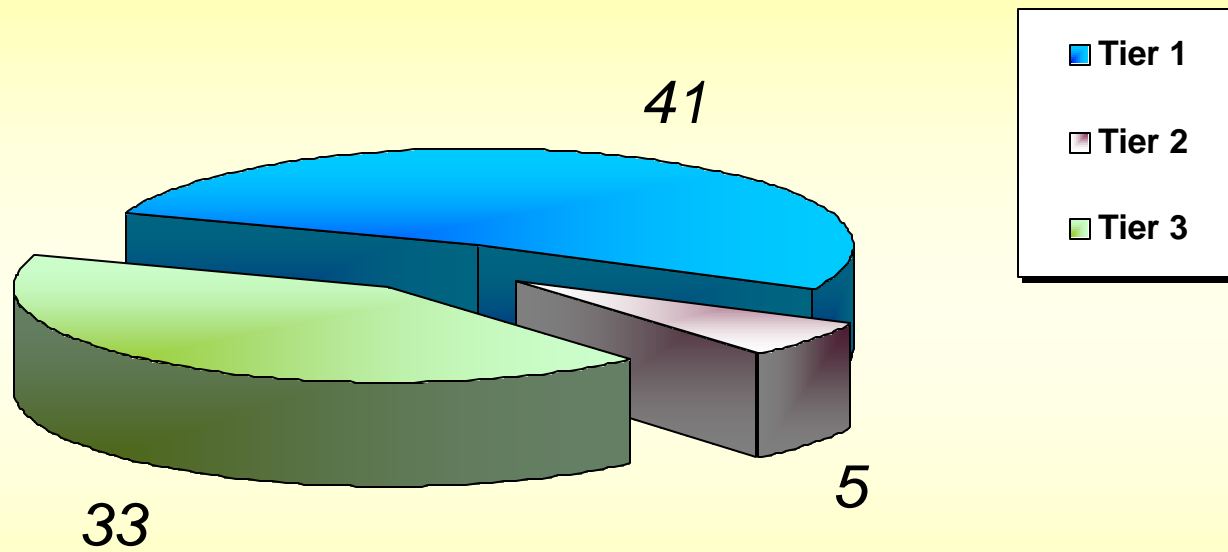
- Only 31 of the 80 indicators reported for SOLEC 2000
- What about the other indicators?

Tier Structure

- Tier 1
 - Data are being collected and reported
 - 31 of 41 reported
- Tier 2
 - Monitoring programs are funded and ready to go
 - SOLEC lists 5 in this Tier (e.g. habitat fragmentation)
- Tier 3
 - Needs research and /or an “owner”
 - 33 (information gaps / research needs)



SOLEC Indicators by Tier



Summary - continued

- You have heard draft summary reports
- Assessments in the matrix are “best professional judgement”

SOLEC 2000 indicators reports
are open for peer review
here at SOLEC,
and until January 15, 2001

The SOLEC list is
NOT
a Static List

The CHARGE

How Do We Implement The Full Suite Of Indicators To Report More Completely On The State Of The Great Lakes?

The CHARGE - Specifics

- Do you agree with the assessments presented today?
- Do you have additional information?

The CHARGE - Specifics

- Are there additional indicators?
- Scope of reporting / assessment- e.g. inland areas (forests; tributaries)
- Information management
- Development of ecosystem health indices

SOLEC 2000



Implementing Indicators