

Agriculture and Water Quality Advisory Committee

Meeting #5

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Intent

- Provide an overview of water quality regulations and information on livestock related water quality impacts to help landowners make informed livestock management decisions.

Key Principles

- Promote compliance with state and federal law and the water quality standards.

Key Principles

- Recognize the importance of the livestock industry to Washington State.

Key Principles

- Clearly articulate good and bad site conditions. The Washington State Department of Ecology (Ecology) should be clear about noncompliant conditions as well as low risk conditions.

Key Principles

- Landowners are able to make informed decisions about the level of legal and environmental risk they are comfortable taking when making livestock management decisions.

Outline

- **Clean Water Law Summary**
- **Risk Management Concepts**
- **Site Conditions**

Risk of Causing Pollution and Violating Clean Water Laws



Clear Violation:
Action is needed to ensure compliance.

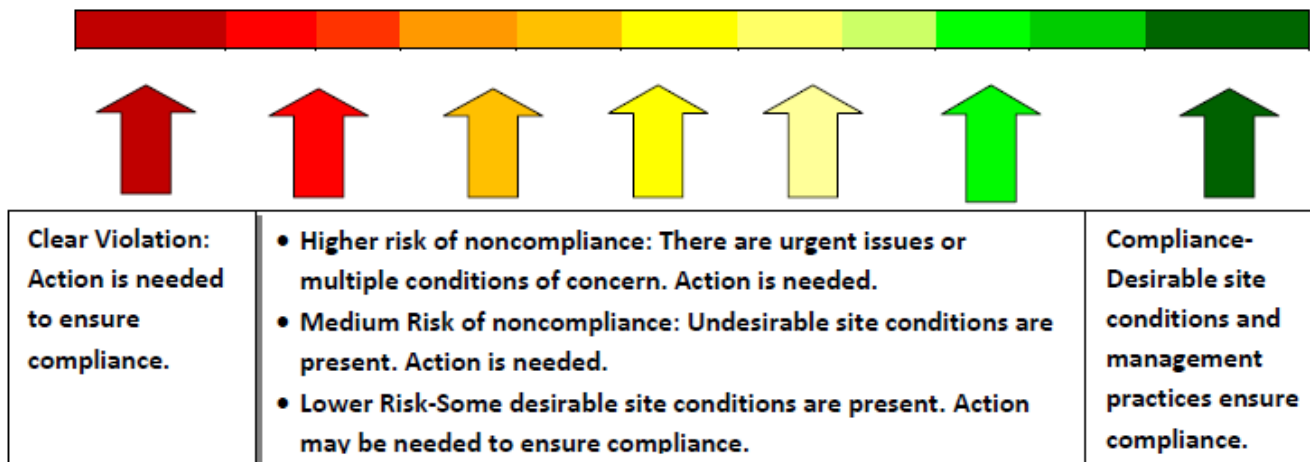
- **Higher risk of noncompliance:** There are urgent issues or multiple conditions of concern. Action is needed.
- **Medium Risk of noncompliance:** Undesirable site conditions are present. Action is needed.
- **Lower Risk-Some desirable site conditions are present.** Action may be needed to ensure compliance.

Compliance-
Desirable site conditions and management practices ensure compliance.

Site Conditions

- **Stream Corridor**

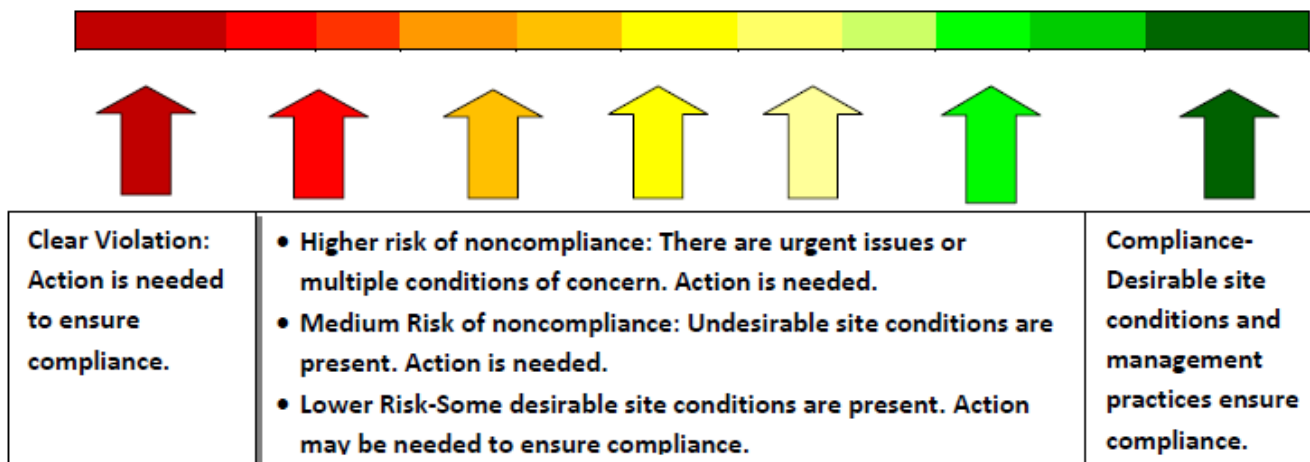
- Protecting stream corridors is often a key to keeping waters of the state from being polluted
- Site conditions can indicate if it is a healthy stream corridor or if there are indications that stream health is being impacted.



Site Conditions

- **Confinement Areas**

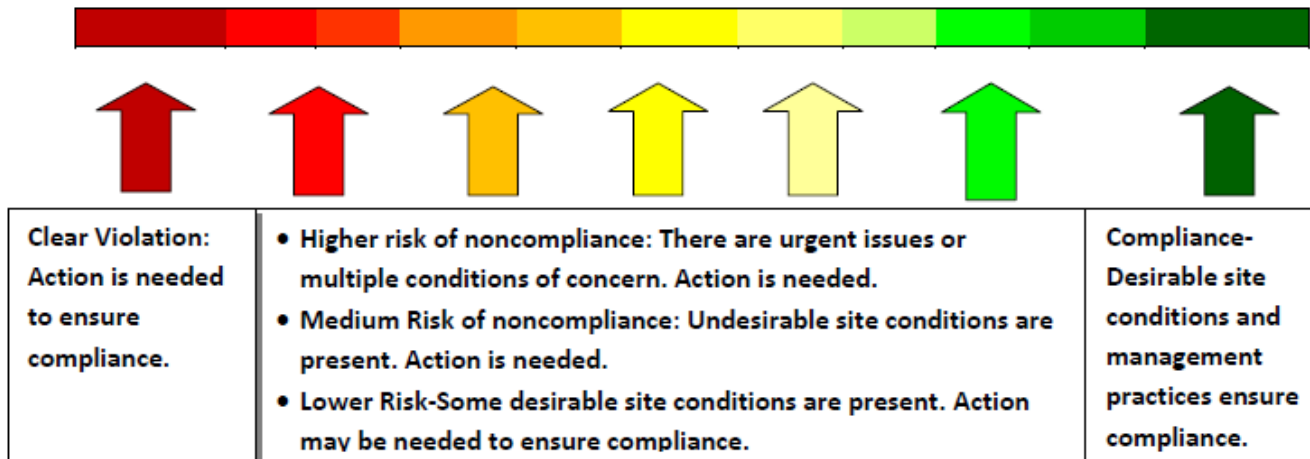
- Confinement and winter feeding areas if properly sited and maintained can help prevent pollutants from reaching surface water.
- Look for pathways to surface waters and indications that those areas are affecting stream health.



Site Conditions

- **Upland Pasture Areas**

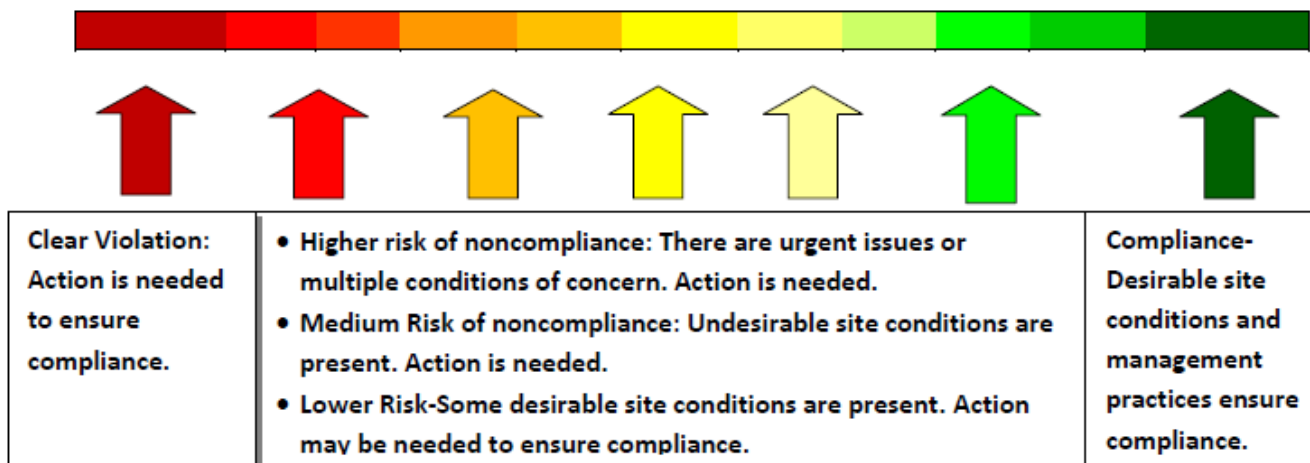
- Well managed upland areas can ensure that riparian areas and water quality are protected from pollution.
- Look for pathways to surface waters and indications that those areas are affecting stream health



Site Conditions

- **Manure Storage**

- Proper collection, disposal, storage, and use of manure is key to protecting water quality.
- Look for pathways to surface waters and indications that those areas are affecting stream health





Questions?