Example Permit Conditions through Time

DEQ Approval of Monitoring Plan

First Phase

Monitoring:

- Response Variables
- TN and TP
- Major Tributaries
- Upstream/Downstream Extent

Effluent Limits:

- Retain existing TN/TP loads
- May add relative change response variable(s)

Special Conditions:

- Watershed Inventory
- Annual Reporting
- Optimization Efforts

Second Phase

Monitoring:

- Response Variables
- TN and TP
- Major Tributaries
- Upstream/Downstream Extent

Effluent Limits:

- Retain existing TN/TP loads
- May add relative change response variable(s)

Special Conditions:

- Update Watershed Inventory
- Engage Stakeholders
- Quantify other loads
- ID limiting nutrient
- Annual Reporting
- Optimization Efforts

Third Phase

Monitoring:

- Response Variables
- TN and TP
- Major Tributaries
- Upstream/Downstream Extent

Effluent Limits:

- Retain existing TN/TP loads
- May add relative change response variable(s)
- May convert response variable data to new TP/TN limit

Special Conditions:

- Update Watershed Inventory
- Engage Stakeholders
- Quantify other loads
- ID limit nutrient
- Develop actions, implement, and assess reductions and health of watershed
- Annual Reporting
- Optimization Efforts

Key Decision Points

DEQ Approval Third Phase of Monitoring Plan Monitoring: **Second Phase** Response Variables
TN and TP Monitoring: First Phase Response Variables • Major Tributaries Reasonable Potential Monitoring: • TN and TP Analysis: Downstrea • Response Variables • Major Tributaries Additional/more Reasonable Potential • TN and TP restrictive limits Analysis: Downs • Major Tributarie Reasonable Potential Additional/more sting TN/T Analysis: restrictive limits Health of Watershed • Upstream/Downs elative char Additional limits Implementation of Extent rt response sting T based near field data Health of Watershed watershed scale Effluent Limits: elative Stakeholder reductions • Retain existing 7 Health of Watershed: ditions: riable(s commitments Drive cascading • May add relative atershed In Effectiveness and ditions response variable(events under AMP Effectiveness of efforts **Ouantified** akeholders atershe process flow based on Optimization efforts Reductions Special Conditions akeholders watershed scale data Watershed Invente • ID limit nutrient ther loads Annual Reporting • Develop actions, implement and assess Optimization Efforts reductions Annual Reporting Annual Reporting • Optimization Efforts • Optimization Efforts