



Development of Water Quality Standards for Willard Spur

Willard Spur Science Panel

October 28, 2015



Today's Objectives

- Review Conditions and **form a consensus around an answer to this question:**
 - *What are the potential impacts of the Perry Willard Regional Wastewater Treatment Plant on Willard Spur?*





Project Objective

- **What water quality standards are fully protective of the beneficial uses of Willard Spur as they relate to the proposed POTW discharge?**
 - What are the potential impacts of the POTW on Willard Spur?
 - What changes to water quality standards will be required to provide long term protection of Willard Spur as they relate to the proposed POTW discharge?





Today's Agenda

- **What is the current condition of Willard Spur?**
 - Hydrology & Nutrient Loads
 - Food Web
 - Open Water Characteristics
 - Nutrient Cycling
- **Does Willard Spur currently support its beneficial uses?**





Today's Agenda

- **Did the Plant's effluent discharge degrade the Willard Spur ecosystem**
 - Was there an impact?
- **What are the potential impacts of the Perry Willard Regional Wastewater Treatment Plant on Willard Spur?**





Today's Approach

- **Considering new information**
 - Move toward finalizing reports
- **“Leaning” on the information in the reports**
- **Identifying multiple lines of evidence**

