

Village of Kelleys Island Sanitary System



KEM
Quality
since 1978

INTRODUCTIONS

Village of Kelleys Island

Mayor – Ron Ehrbar

Administrator – Andy Federle (not present)

K.E. McCartney & Associates

Phil Lewis – Director of Water/Wastewater Treatment

Kenny McCartney – Survey Manager

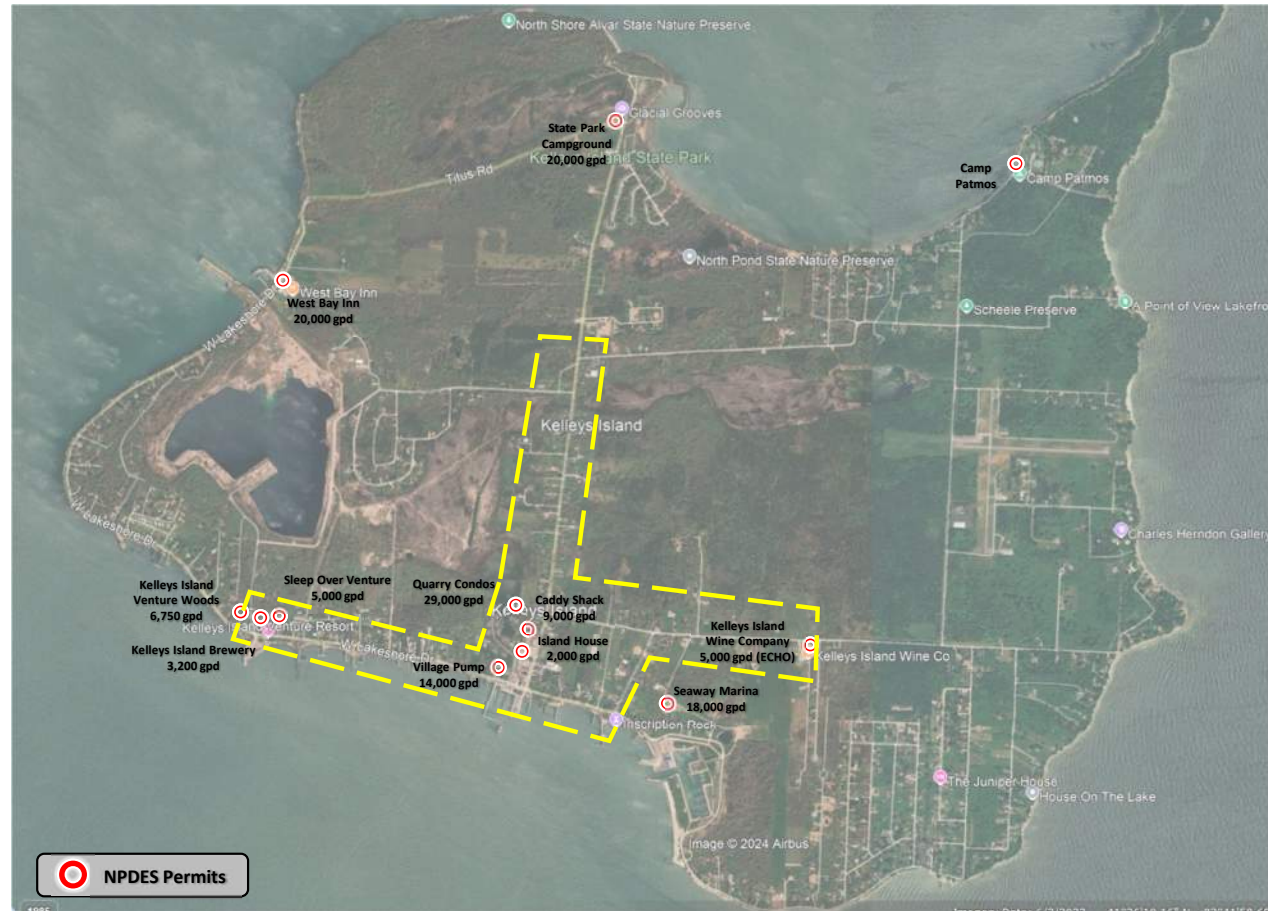
OVERVIEW

- **EXISTING CONDITIONS**
- **PROPOSED PROJECT**



EXISTING CONDITIONS

- 12 Individual NPDES Permits
- 550+ aging “documented” septic systems with Erie County with 3 current potential failures in initial planning area. -----
- No existing Village sanitary collection system
- No existing Village WWTP



PROPOSED PROJECT

INITIAL 3-PHASE PLAN

- Gravity sewers sized for all potential expansion
- Central pump station
- Eliminate 8-10 NPDES permits
- New WWTP



PROPOSED PROJECT

- Total Preliminary Project Costs for Phase 1 is Approx. \$8M depending on funding and final costing of all elements.
- Equivalent Residential Units (ERU) will be utilized for billing purposes.
 - Each home is one (1) ERU.
 - Each business will have an established ERU based on water usage.
 - Our goal is to keep the cost per ERU under \$80/month.
- Current estimated project costs include connection of residential laterals to the new system and demolition of septic tanks.

PROJECT SCHEDULE

TASK	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28	Jun-28	Jul-28	Aug-28	Sep-28	Oct-28	Nov-28	Dec-28			
Ohio EPA WPCLF Nomination – Phase 1																																														
CMAR RFQ																																														
CMAR Selection																																														
Phase 1 – Preliminary Design																																														
KEM/CMAR Phase 1 Design Review																																														
Phase 1 – Final Design																																														
Ohio EPA Submittal																																														
Phase 1 – GMP																																														
Phase 1 – Construction																																														
Phase 2 – Preliminary Design																																														
KEM/CMAR Phase 2 Design Review																																														
Ohio EPA WPCLF Nomination – Phase 2																																														
Phase 2 – Final Design																																														
Phase 2 – GMP																																														
Phase 2 – Construction																																														
Phase 3 – Preliminary Design																																														
KEM/CMAR Phase 3 Design Review																																														
Phase 3 – Final Design																																														
Ohio EPA WPCLF Nomination – Phase 3																																														
Phase 3 – GMP																																														
Phase 3 – Construction Start																																														

QUESTIONS

**THANK YOU!
FEEL FREE TO ASK
ANY QUESTIONS**

