

Rapid River Re-Design Update



Rapid River
Mortality
Event
November
2025











ALARM HORN TEST
DISABLED

ENABLED

NORMAL

DISABLED

NORMAL

ENABLED

NORMAL

DISABLED

NORMAL

ENABLED

NORMAL

DISABLED

NORMAL

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DISABLED

NORMAL

DISABLED

NORMAL

NORMAL

Crestgate Alarm **NORMAL**

Screen Wiper Alarm **NORMAL**

Intake

Adult Ponds

Alarm Controls

Alarms Log

Setpoints

Intake Trend

Screen Trend

Flow Trend

Utility Trend



Survival Estimates by Lot:

Lots #1 thru #3, less than 5%

Lots #4 thru #6, 17%, 30%, and 40%

Lots #7 thru #9 & Oxbow #1 thru #4 near 100%







Changes to Operations: & What we Learned:

Installation of a float switch in incubation trough

Float switch wired directly to the horn

Addition of an “Alarm Horn Test” button on the SCADA

Increased Alarm Testing

Facility Re-design

No Such Thing as Too Many Backups

Keep Things Simple

Control What You Can Control

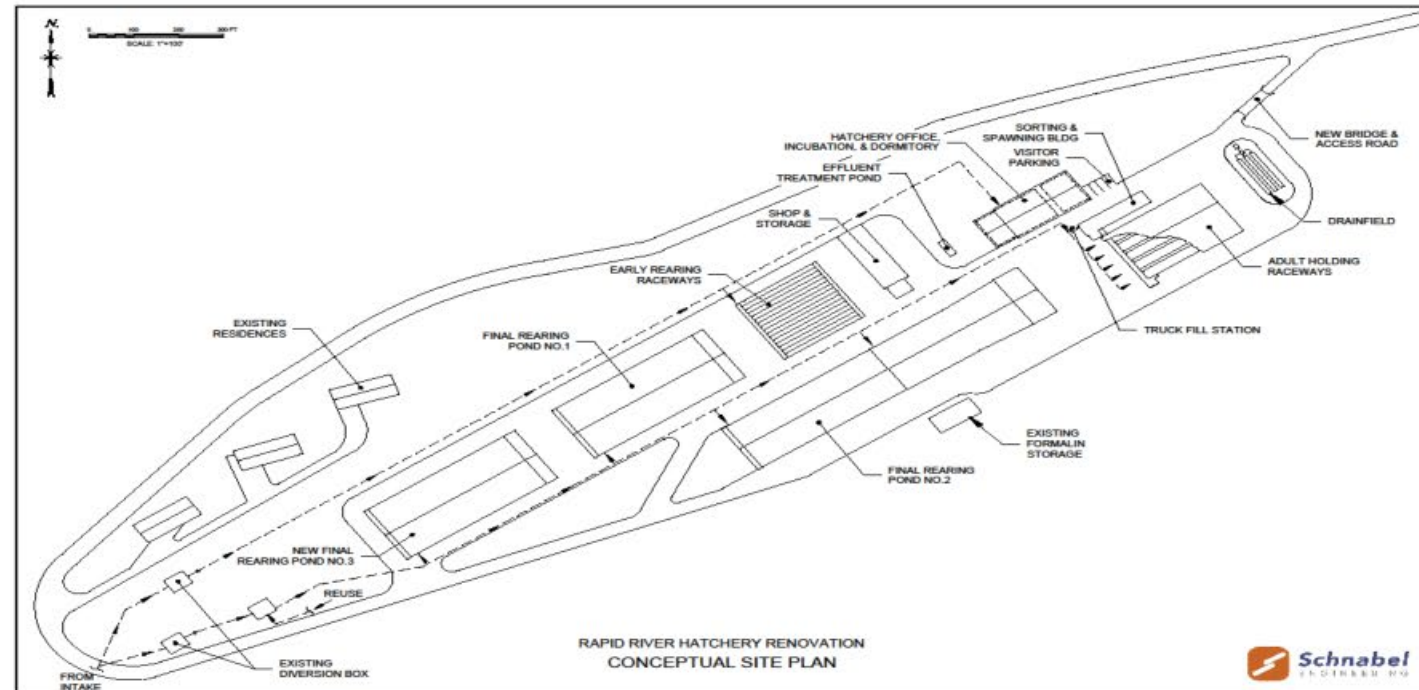
Questions/Comments?





➤ IPC Facility Re-Design Project

- Project to Increase Production Goal from 3 to 4 Million
 - Pushed back to Spring 2025
 - 90% design phase complete
 - Oxbow FH re-design construction still in the works
- Project Will Take Two Years to Complete ~ \$30 - \$35M





Alarm Page

Acknowledge All Alarms

ACKNOWLEDGE ALL

ALARM HORN TEST
DISABLED

Rearing Pond #1 Level Alarm

ENABLED

NORMAL

Adult Holding Pond #1 Level Alarm

DISABLED

NORMAL

Headrace Level Alarm

ENABLED

NORMAL

UV Treatment Alarm

DISABLED

NORMAL

Rearing Pond #2 Level Alarm

ENABLED

NORMAL

Adult Holding Pond #2 Level Alarm

DISABLED

NORMAL

Raceway Level Alarm

ENABLED

NORMAL

Incubation Flow Alarm

DISABLED

NORMAL

Office
AC Power Alarm

NORMAL

Intake
AC Power Alarm

NORMAL

RP1 Low Flow Alarm

DISABLED

NORMAL

RP2 Low Flow Alarm

DISABLED

NORMAL

Pump House
AC Power Alarm

NORMAL

Wiper
AC Power Alarm

NORMAL

RP1 High Flow Alarm

DISABLED

NORMAL

RP2 High Flow Alarm

DISABLED

NORMAL

Crestgate
AC Power Alarm

NORMAL

Lift Station Level Alarm

NORMAL

Crestgate Alarm

NORMAL

Screen Wiper Alarm

NORMAL

Overview

Intake

Rwys/Ponds

Adult Ponds

Utilities

Alarm Controls

Alarms Log

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Intake Trend

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Flow Trend

Utility Trend

Search

39°F
Sunny

ViewSonic



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November 2025



