

# BLIND SLOUGH HYDRO

## OWNER'S DAM SAFETY PLAN AND EMERGENCY ACTION PLAN

Presentation to Petersburg Borough Assembly

January 20, 2026

- ▶ Federal Energy Regulatory Commission License Requirements – Safety plans
- ▶ Owner's Dam Safety Plan
- ▶ Emergency Action Plan

## AGENDA

# FERC LICENSE REQUIREMENTS FOR SAFETY

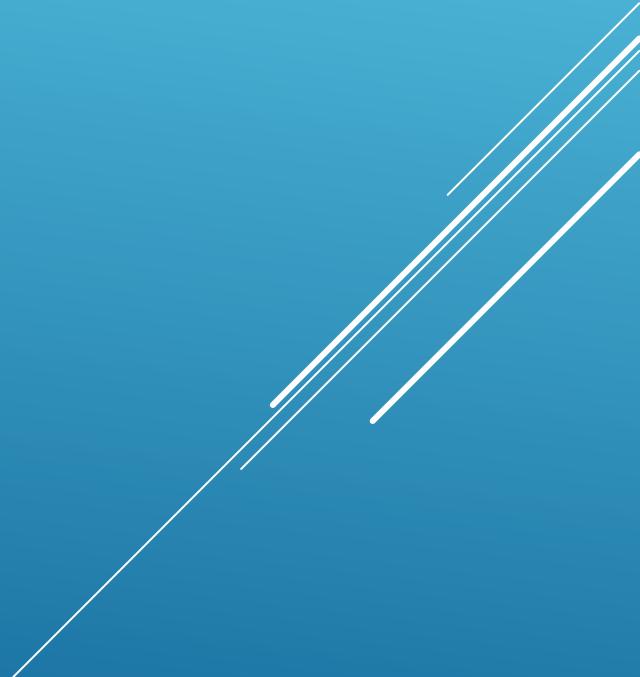
- ▶ Public Safety Plan
- ▶ Dam Safety, Surveillance and Monitoring Plan
- ▶ Owner's Dam Safety Plan
- ▶ Emergency Action Plan

# CRYSTAL LAKE OWNER'S DAM SAFETY PLAN

## STATEMENT OF PURPOSE

- ▶ This plan recognizes the special responsibility that all owners must operate their dams in a safe manner.
- ▶ Crystal Lake Dam is a High Hazard Dam due to potential for loss of life and damage to structures at the Crystal Lake Hatchery and USFS Blind Slough picnic area if a failure were to occur.

# PROJECT DESCRIPTION









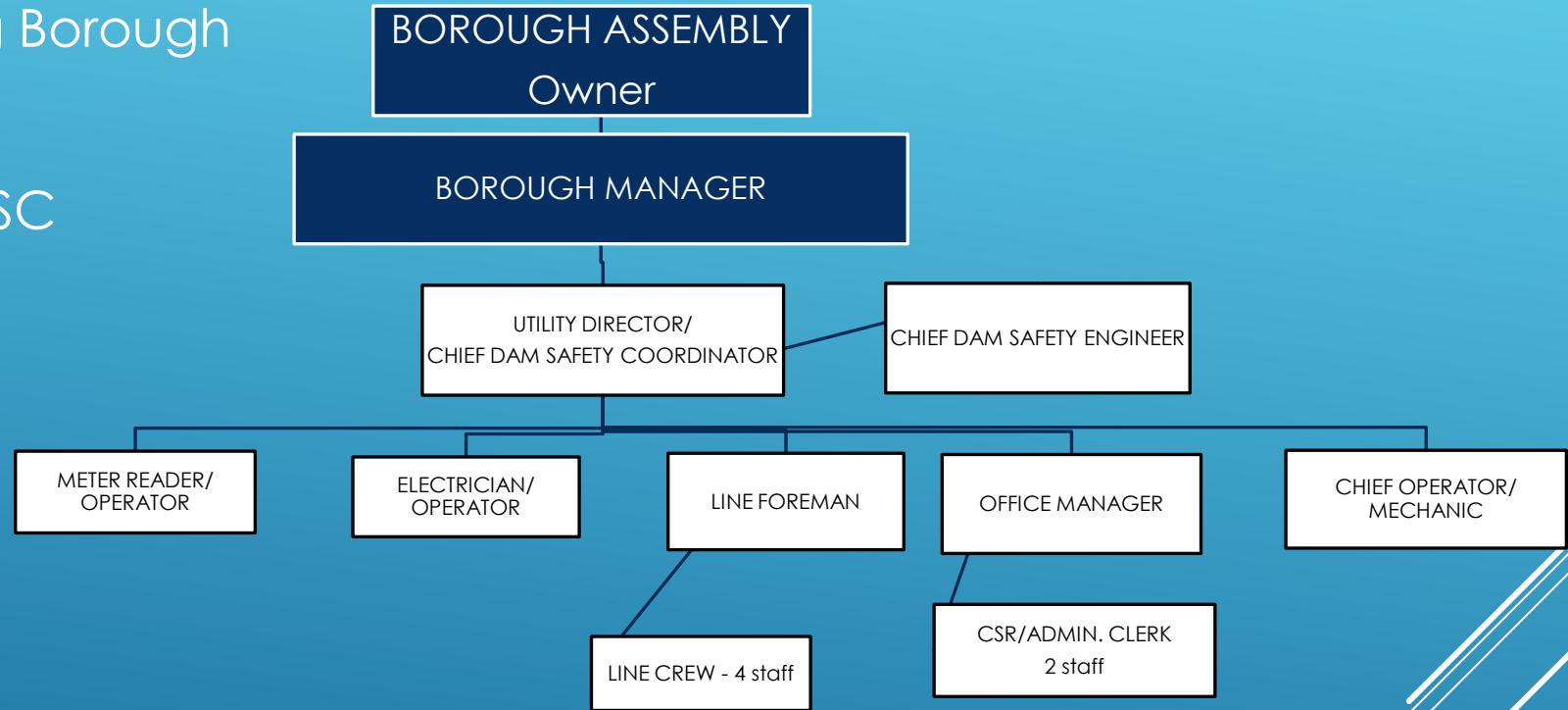






# RESPONSIBILITY FOR DAM SAFETY

- ▶ Owner – Petersburg Borough
- ▶ Operator – PMPL
- ▶ Utility Director – CDSC
  - ▶ CDSE
- ▶ PMPL Staff



DAM SAFETY TRAINING

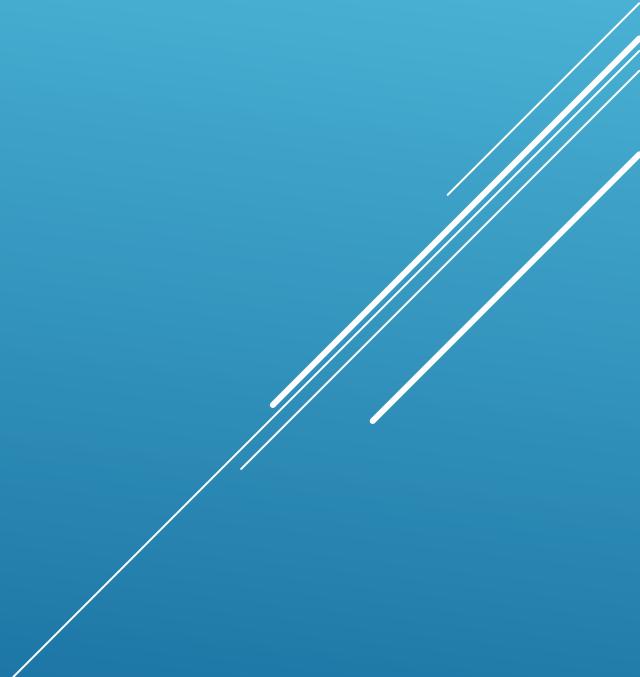
COMMUNICATIONS/REPORTING

RECORD KEEPING

CONTINUAL IMPROVEMENTS

ODSP AUDITS

THE ODSP SERVES TO ESTABLISH AND MAINTAIN A SAFE  
HYDROELECTRIC PROJECT FOR THE BOROUGH AND MEMBERS  
OF THE PUBLIC.



# EMERGENCY ACTION PLAN

- This plan defines responsibilities and provides procedures designed to identify unusual and unlikely conditions which may endanger the Crystal Lake Dam in time to mitigate any hazards and notify affected parties of possible, impending or actual failure of the dam.

# DAM SAFETY EMERGENCY LEVEL CATEGORIES

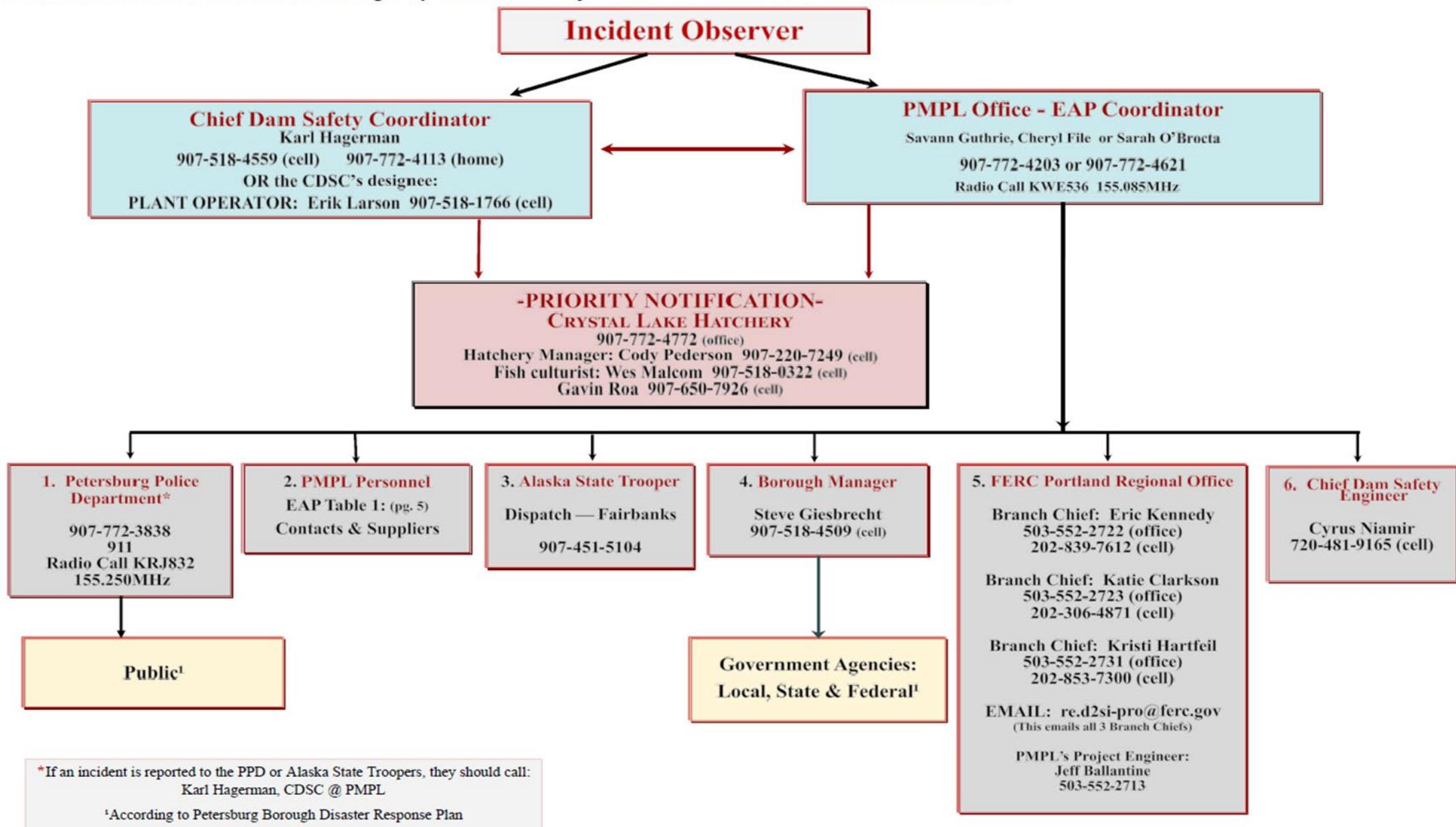
CDSC, IN CONSULTATION WITH CDSE, DETERMINES IF ACTIVATION OF EAP IS NECESSARY AND THE EMERGENCY LEVEL PRIOR TO NOTIFICATIONS

Non-failure

Potential Failure

Imminent Failure

## Notification Flowchart for Blind Slough Hydroelectric Project No. 201—Potential or Imminent Failure



- ▶ EAP Provisions
  - ▶ Detection
  - ▶ Notification and communication
  - ▶ Emergency Actions
  - ▶ Termination and follow-up
  - ▶ Preparedness





- FERC mandated safety plans serve to make our hydroelectric project safe for employees and the public, and also guide the Borough in the event of an emergency situation.

- Thank you

- Questions?