

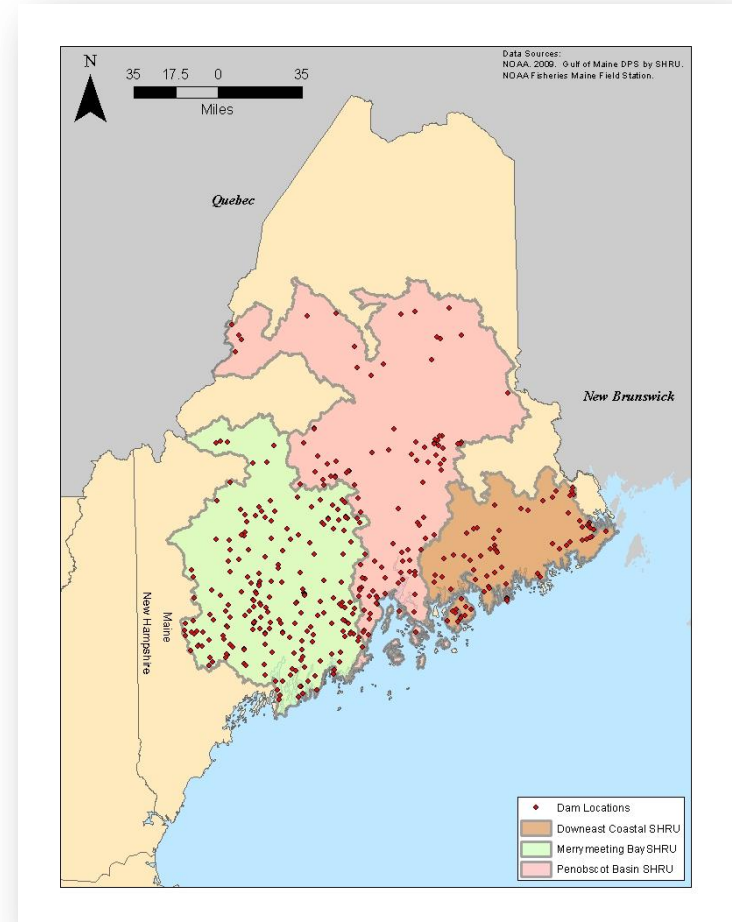
# NOAA's Dam and Owner Survey

*An overview of planned survey efforts*



# NOAA's Dam And Owner Survey

- Survey of 396 Dams in 3 SHRUs
  - Survey of Dam Owners
    - Identify current owner
    - Phone Survey/Questionnaire
  - Physical Survey
    - Measurement of dam/documentation of features
    - Collect Spatial Data
  - Database
    - Combine Results of Physical & Owner Surveys



# NOAA's Dam And Owner Survey

- Survey of Dam Owners
  - Identify current owner
    - Federal, State, Municipal, or Private
  - Phone Survey/Questionnaire
    - Identifies Owner, Short (7 min.), Gauges Interest in Passage Improvements



# NOAA's Dam And Owner Survey

## – Physical Survey

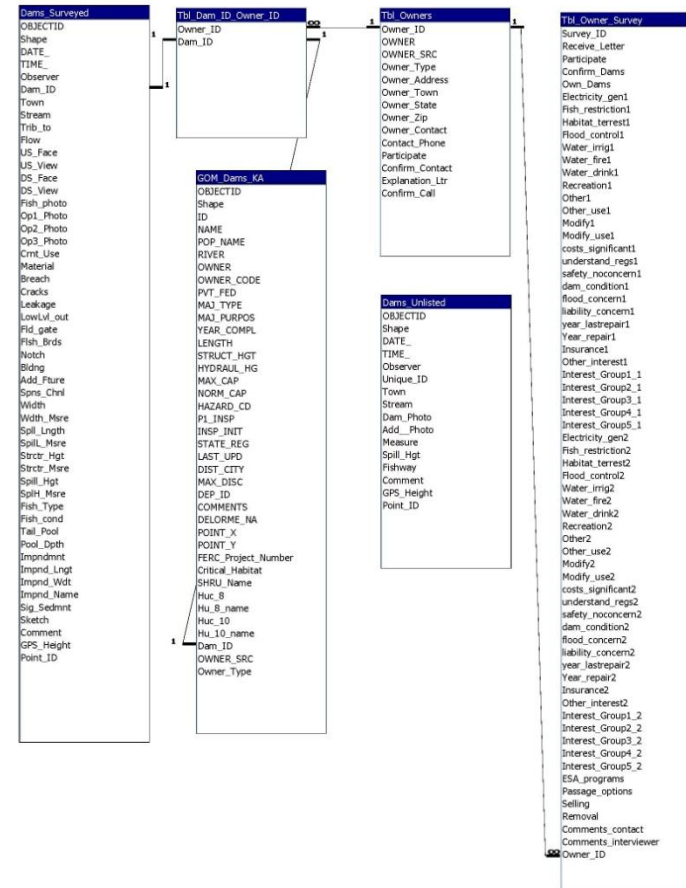
- Collect Spatial Data
  - Trimble Yuma (2-5 m accurate)
  - Spatially Referenced Photographs
- Physical Measurements
  - Update Current Database
  - Spillway/Dam Dimensions
  - Important Dam Features



# NOAA's Dam And Owner Survey

## – Database

- Combine Results of Physical & Owner Surveys
- Protect Private Information
- Prioritize Restoration Projects





# NOAA's Dam And Owner Survey

- Overall Goal

- Update Existing Data
- Group Data (Owner and Physical information) In One Location
- Create A Query Friendly Database
- Allow for Prioritization of Structures Based on Variety of Characteristics
- Identify Potential Connectivity Improvement Projects
- Provide Public Education/Outreach
- Tie In With the Current General Conservation Plan (GCP) Effort



# NOAA's Dam And Owner Survey

## Completed Dams (Dec. 2010)\*

<b>SHRU</b>	<b>Total Dams</b>	<b>Dams Surveyed</b>	<b>Dams Remaining</b>
<b>Penobscot SHRU</b>	111	20	91
<b>Merrymeeting SHRU</b>	211	28	183
<b>Downeast Coastal SHRU</b>	74	0	74
<b>Total</b>	<b>396</b>	<b>48</b>	<b>348</b>

\*Physical Survey Completed Only

# Example Photos



Fish Pond Dam in South Hope



Pitcher Pond Dam in North Port



# NOAA's Dam And Owner Survey



- Future Work
  - Physical Dam Survey Resumes in Spring of 2011
  - Owner Survey to Begin in Spring of 2011
  - Outreach and Public Education Effort Ongoing Through Entire Survey.



# Questions?

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