





Pool Characteristics

- Small (< 10,000 sq ft)
- No Permanent Inlet/Outlet
- Fishless
- Specialized breeding fauna







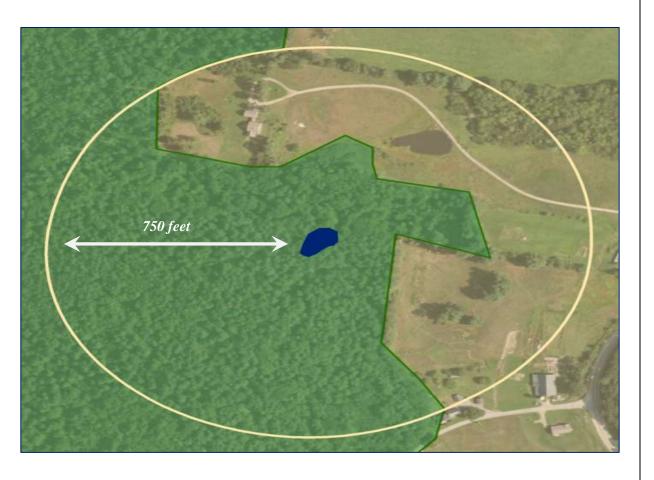




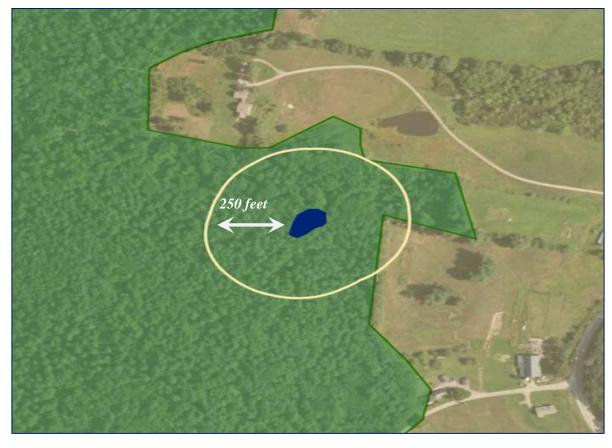


The Policy

Federal Regulation



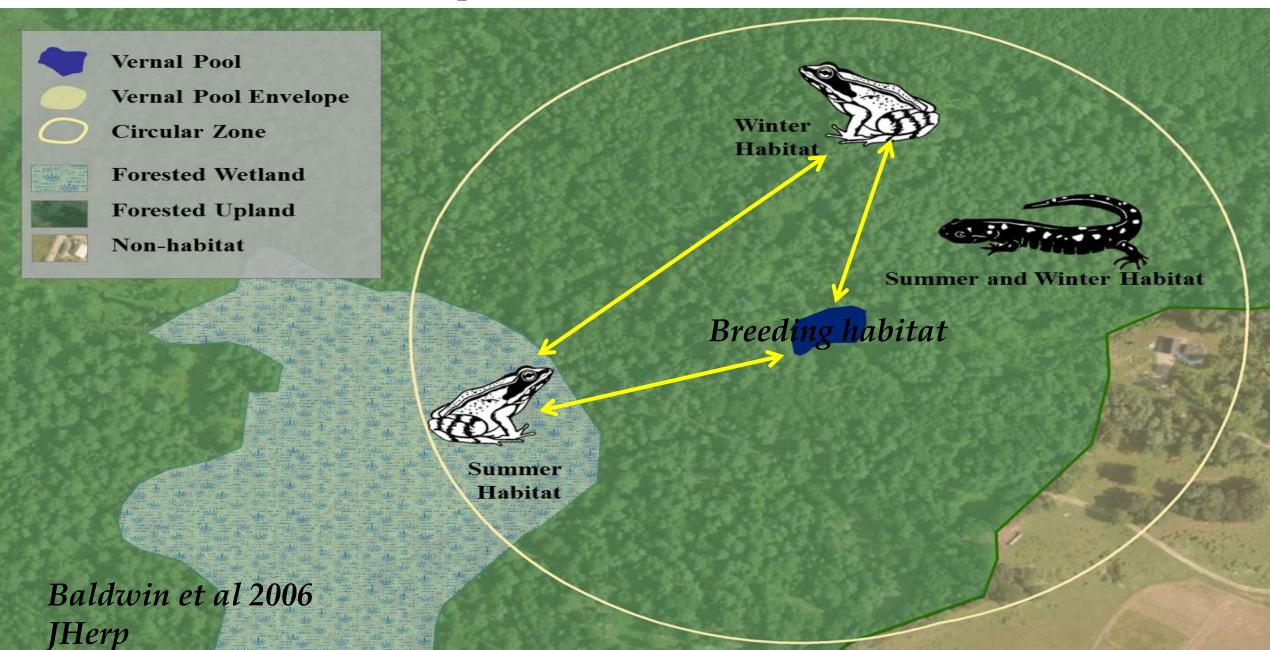
State Regulation



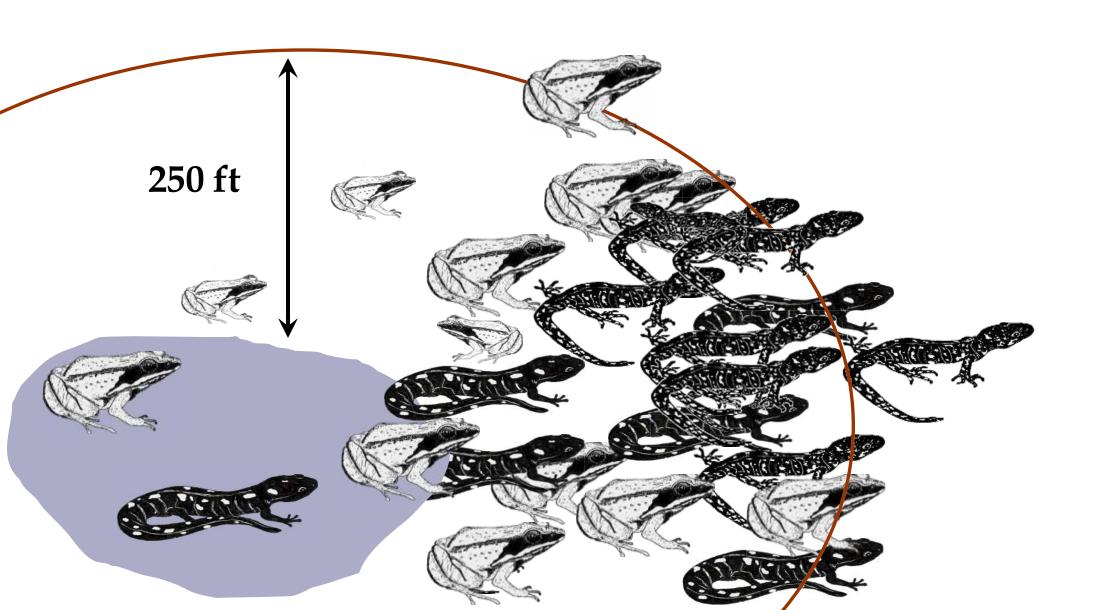




Complex Life Histories

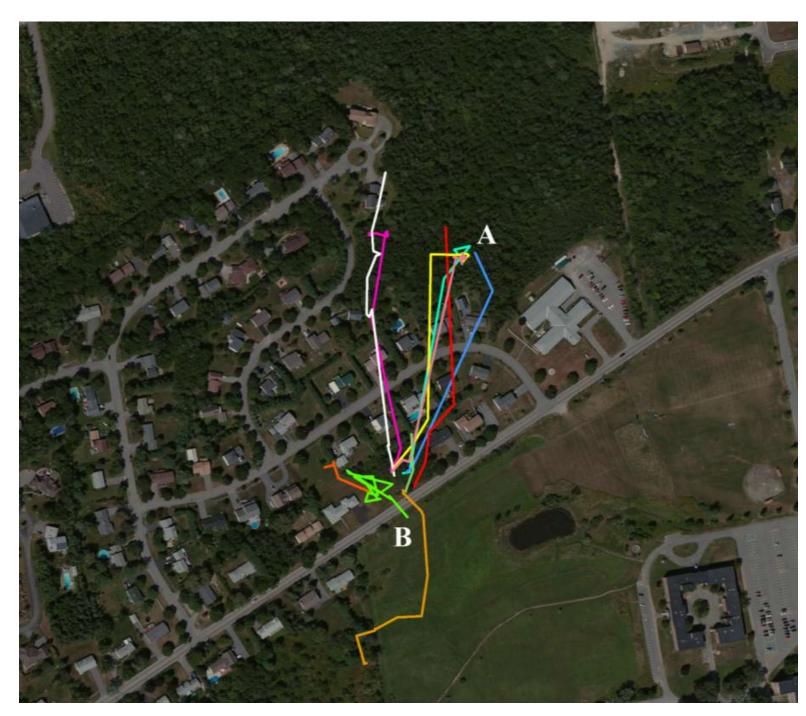


Challenges to Protecting Pools

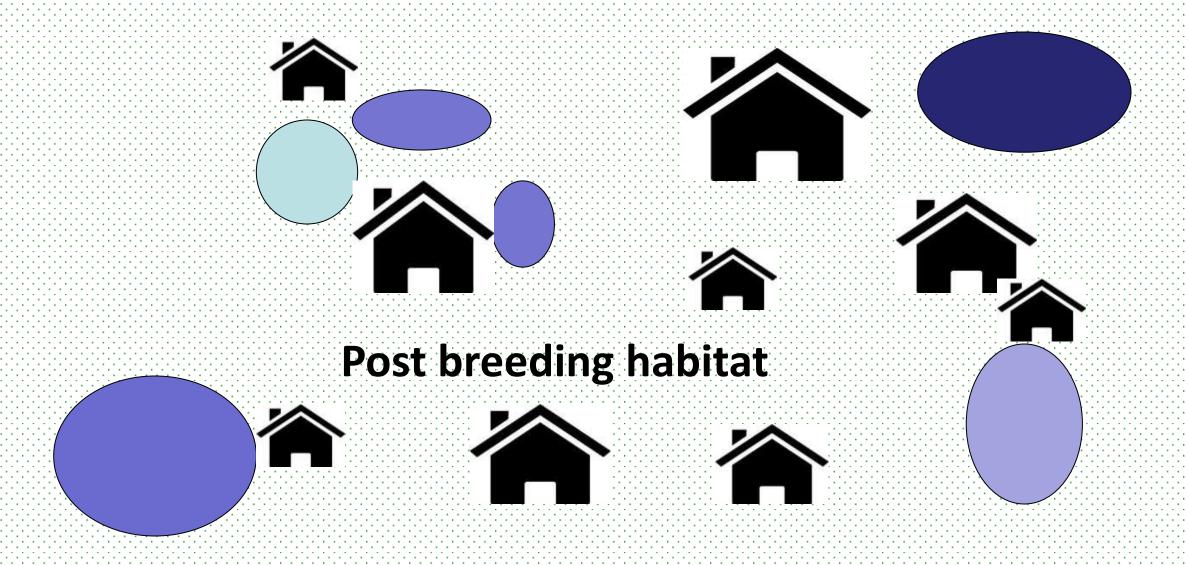




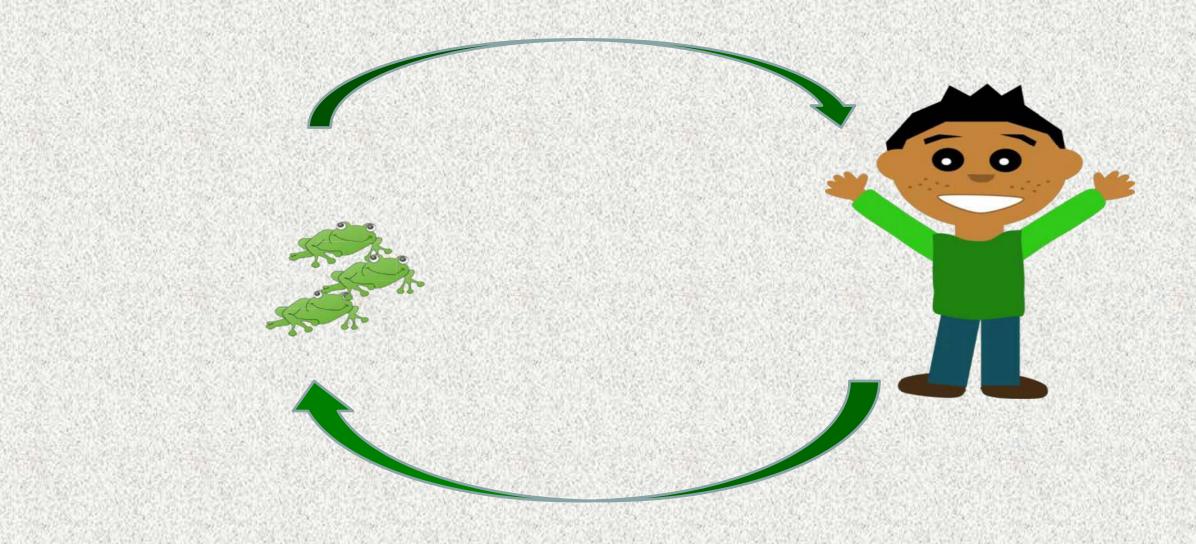
Lag between policy and best available science



Ghost pools?



The People (*The solution*)



Wildlife, people, AND ecologically and economically sustainable communities



The Cast of Characters

Leading roles

- Federal and state regulating agencies
- State planner
- Developers and real estate professionals
- Municipal planners and economic development staff
- Ecologist, biologists: federal, state, University of Maine

The Cast of Characters

Supporting roles

- University of Maine economists
- Land trusts

What is a Vernal Pool?

- Regulating agency
- Developer
- Municipality
- Ecologist

- Statutory responsibility
- Regulated resource
- Depends where it's located
- Unique wetland habitat

Who's Right?

EVERYONE!



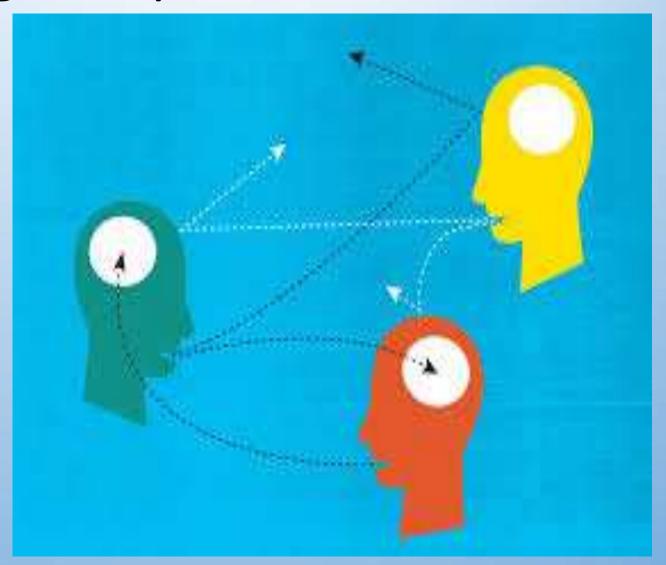
A New Approach

REQUIRES A DIFFERENT WAY OF LOOKING AT THE ISSUE



Understanding Multiple Frames of View

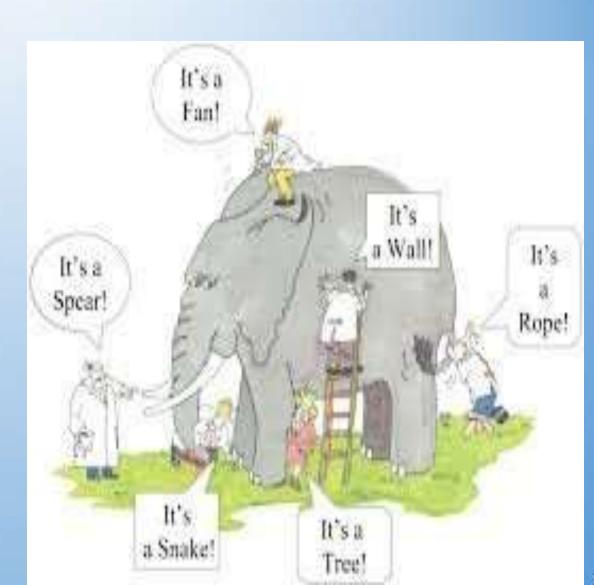




And Multiple Perspectives of the Same Thing

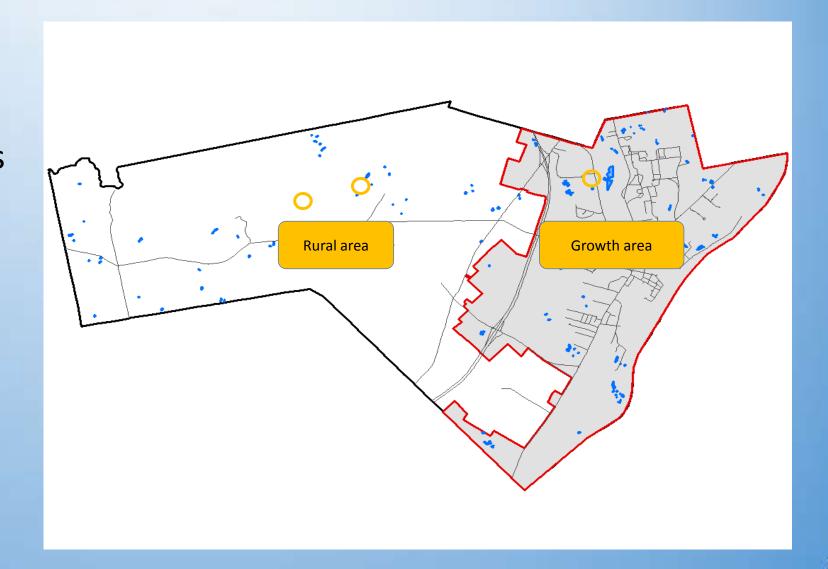






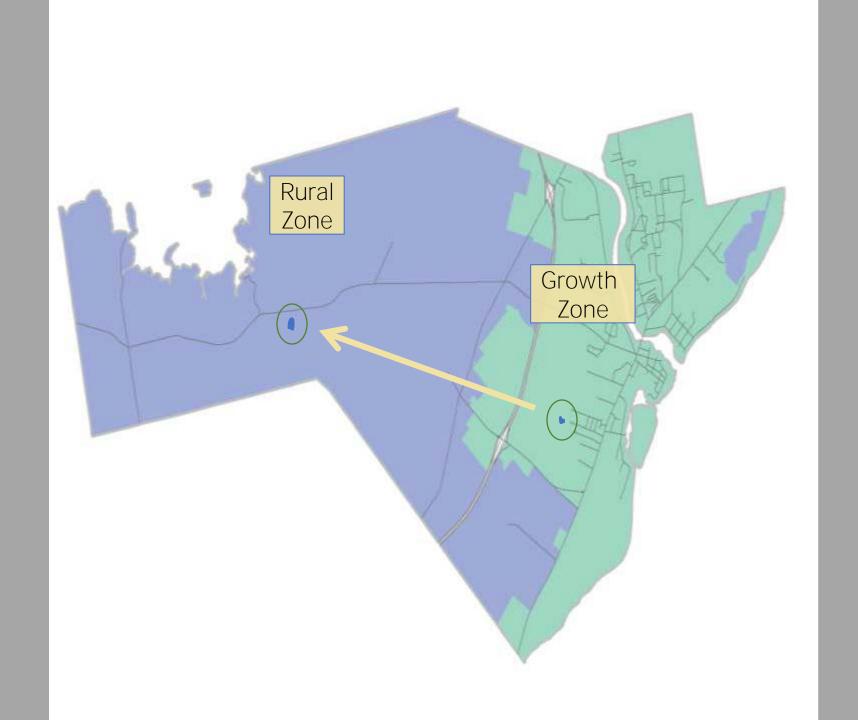
What is the Maine Vernal Pool SAMP?

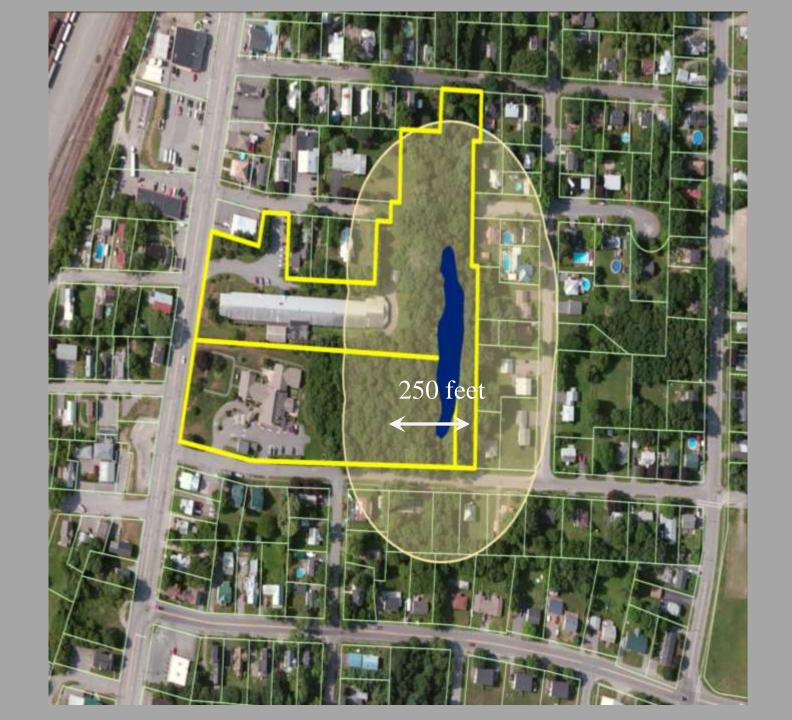
- Alternative Mitigation Tool
- Approved by US Army Corps and ME DEP (Sept 2016)

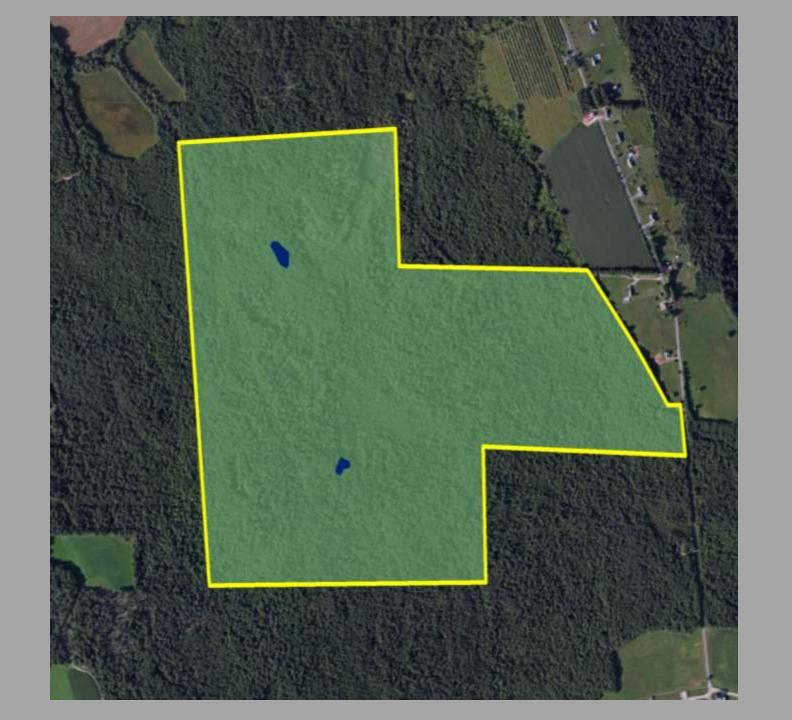


Key Benefits of the Maine Vernal Pool SAMP

- Streamlines development in growth areas
- Remunerates rural land owners
- Provides increased predictability for developers
- Supports municipal goals for growth and rural areas
- Completes strategic conservation at the landscape scale







How Does the Maine VP SAMP Work?

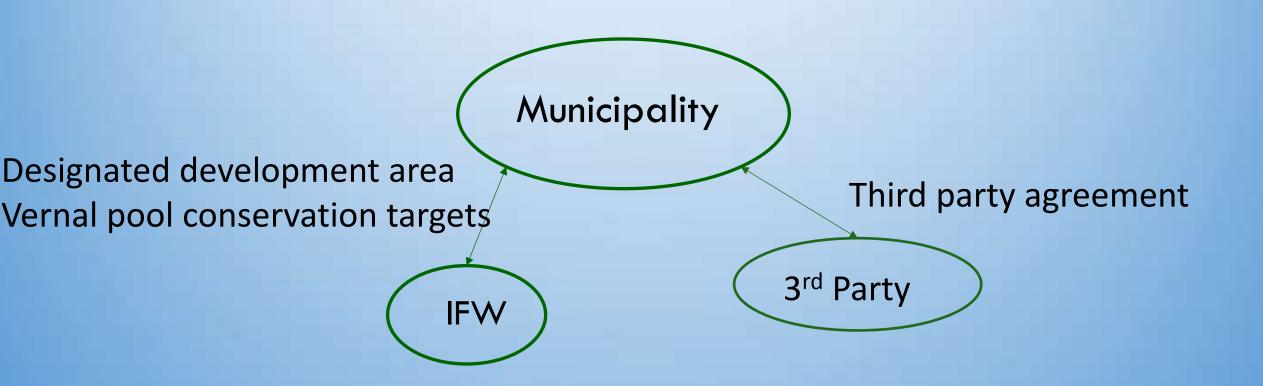
Putting the Option in Play

It all starts here

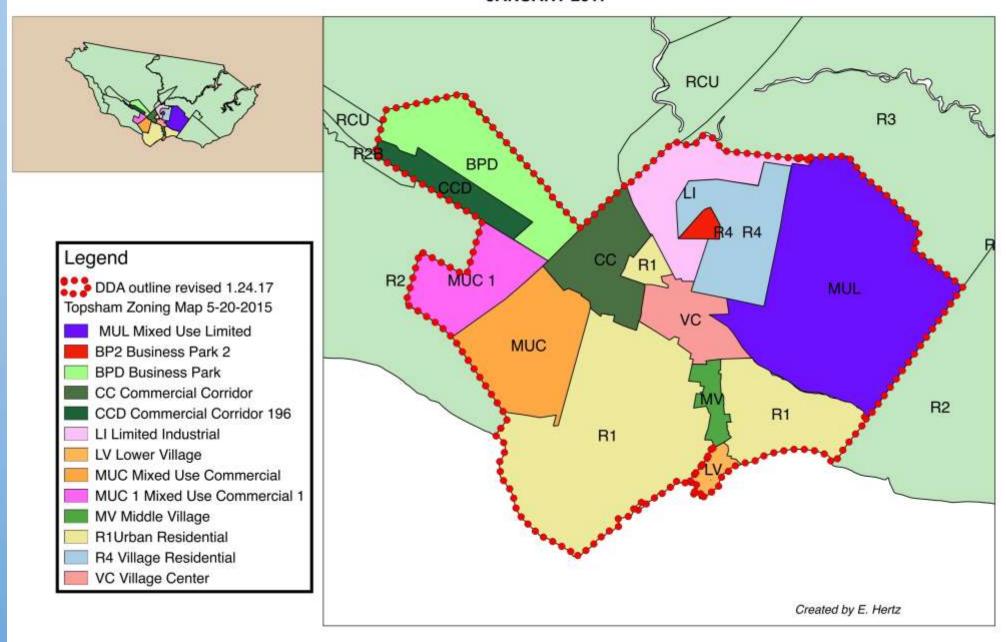
Municipality

Comprehensive plan Ordinances

How Does the Maine VP SAMP Work? Putting the Option in Play



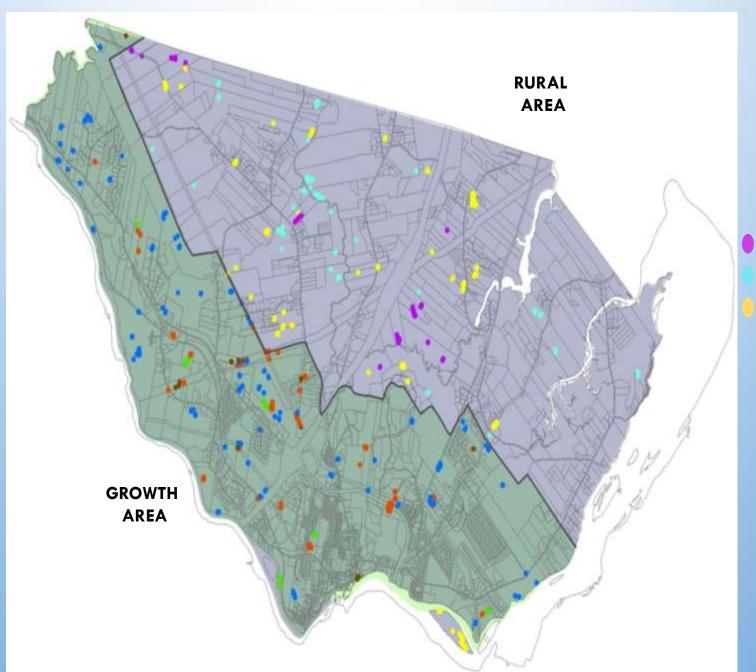
TOPSHAM DESIGNATED DEVELOPMENT AREA JANUARY 2017



TOPSHAM

GROWTH AREA

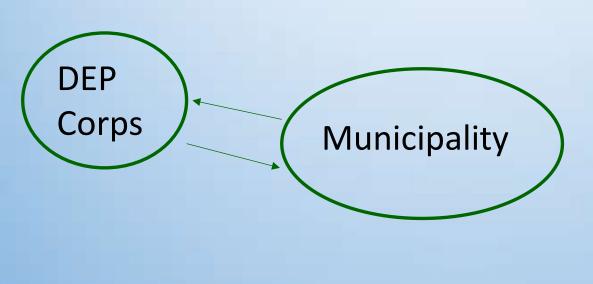
- Meets SVP definition)
- Vernal Pool
- Potential Vernal Pool
- Not a Vernal Pool



RURAL AREA

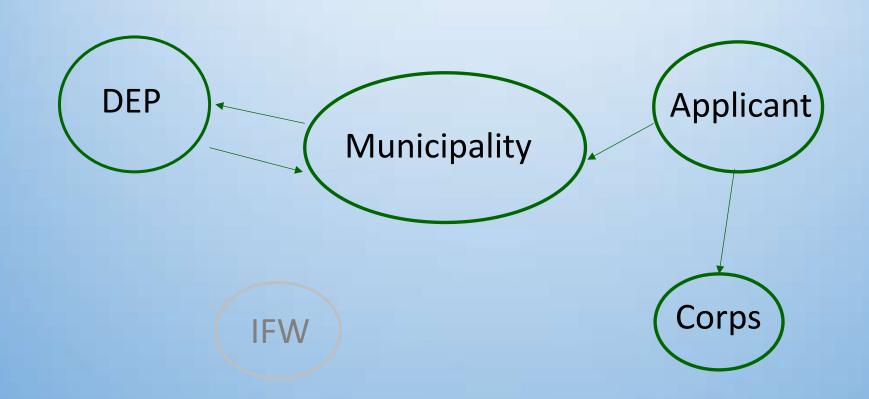
- Meets criteria
- Meets criteria C and D
- Does not meet criteria

How Does the Maine VP SAMP Work? Putting the Option in Play

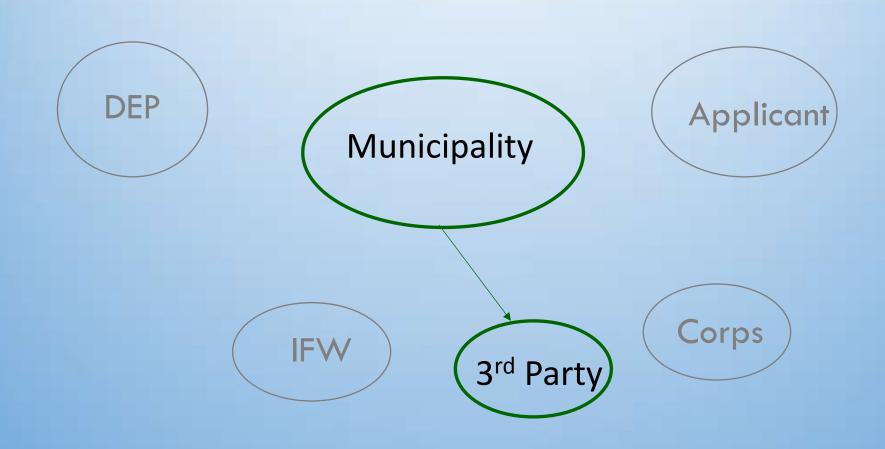


DDA approval Partial Delegated Authority

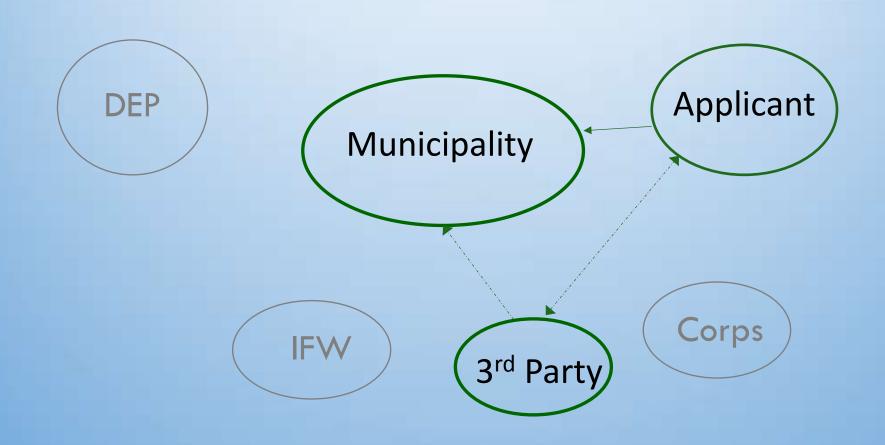
How Does the Maine VP SAMP Work? Using the Tool: Development



How Does the Maine VP SAMP Work? Using the Tool: Conservation



How Does the Maine VP SAMP Work? Using the Tool: Conservation







For More Information

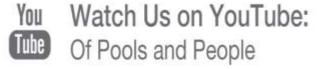
Where to find the Maine VP SAMP:

http://www.nae.usace.army.mil/Missions/Regulatory/PublicNotices.aspx

Of Pools and People













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