EIE RECORD OF DECISION

POTENTIAL SOURCES OF SUPPLEMENTAL WATER

Presented by:

Thomas Q. Callahan
Associate Vice President of Infrastructure Planning & Strategic Project Management

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Context

Pre 2005
  o DPH – 1994

Post 2005
  o Wellfield management
  o Contract out operations & maintenance
  o Collaboration with Mansfield – Advisory Group
  o Conservation
  o Reclaimed
Section 92  The university shall have the charge and supervision of all aspects of the project authorized under this section (as provided for pursuant to UConn 2000), as provided in section 10a-109n of the general statutes. Such charge and supervision shall extend to any off-campus improvements undertaken as part of said project. The university shall work in consultation with the town of Mansfield regarding any on-site or off-site utilities that are financed pursuant to this section.
Process

EIE

Agreement

Permitting

Construction
Purpose and Need

- 1.3-2.2 MG/D: Phased; 50 year planning horizon
- Margin of safety
- Tech Park & NextGenCT, Mansfield
- Supplement, not replace existing sources
Team

UConn

Milone & MacBroom, Inc.

Robinson & Cole

Environmental Capital

Mansfield
EIE Process

CT Environmental Policy Act (CEPA)

- Proposed State Action
- Public Scoping
- Draft EIE
- Public hearing(s)
- Public review & public comment
- Draft Record of Decision
- OPM determination of sufficiency
Key Issues

Environmental

Adequacy/Proximity of supply source
- Interbasin transfer – major/regional basins
- Potential impacts on aquatic, recreational other resources

State Plan of Conservation and Development
- Proximity of current terminus of supplier transmission/distribution system and pipeline route
- Potential for induced development
- Public health considerations
- Municipal C&D plans
Key Issues (Continued)

Economics/Cost/Affordability

• Capital and financing costs
  o Scalability

• Cost of water
  o Rates
  o Take or pay
  o O&M costs

• Affordability
Geography Drives…

- Environmental Considerations
- Cost/Affordability
Recommendation

Preferred Alternative:  CT Water Company (CWC)

Environment Considerations
- Lowest risk of induced development
- Pipeline routes present readily mitigated potential environmental impacts
- Continuing stream impact mitigation

Cost Considerations
- Lowest capital cost
- Lowest water cost
- No “take or pay” contract; rates regulated by PURA
- Mitigates potential rate escalation for existing users

Timing Considerations
- Scalable
- Quickest implementation
- Sufficient safe yield and sufficient registered and permitted capacity of sources

Feasible Alternative:  Windham Water Works
Town of Mansfield

- Complexity of implementing bulk sales & take or pay

- Preparation/readiness
  - Need for an intermediary
  - Cost related issues

- Normalization
  - Provision of off campus services – current and future
  - University role in town development decisions