



Update on Approaches to Encourage Local Resources Development

Conservation and Local Resources Committee
Item 7b
January 8, 2019

Overview

- Purpose
- Actions to Develop Data and Criteria
 - Potential Project Database
 - Stormwater Pilot Program
 - Developing Alternative Approaches
- Next Steps

Purpose

- Improve Metropolitan's approach to supporting local resources
 - Encourage more development
 - Invest regional dollars effectively
- Recognize that all local supply projects provide benefit
- Recognize that investments may have added value based on location and impact to regional system
- Consider the varied input from the IRP policy process

Proposed Actions to Develop Data and Criteria

Action 1

Improve database
of potential
projects

Action 2

Stormwater Pilot
Programs

Action 3

Developing
Alternative
Approaches

Action 1 – Improve Database of Potential Projects

Purpose: Develop a comprehensive local projects database

- Type and yield
- Location
- Cost elements
- Development status
- Identify key challenges
 - Technical
 - Institutional
 - Other





Proposed Action 2a – Stormwater Pilot for Direct Use

Distributed Projects for Direct Use

- Purpose: Collect data on water supply benefits, measurement and cost
- Three to five-year program with defined budget
- Incentive based on estimated water offset
 - Installation and Monitoring
- Collect and evaluate supply benefit data
 - Capture and reuse
- Evaluate participation rates

Proposed Action 2b – Stormwater Recharge Pilot



Centralized or Distributed Projects for Recharge

- Purpose: Evaluate the relationship between capture and recharge
- Five year program with defined budget
- Competitive Process
- Evaluate water supply benefits
 - Criteria for capturing and measuring flows
 - Metering, measuring, sensors
 - New measurement technologies
 - Actual Project costs

Proposed Action 3 – Developing Alternative Approaches



Goal: Assess Metropolitan system and services to identify evaluative criteria for alternative Metropolitan approaches

- Potential impacts and benefits
 - Water supply reliability
 - Distribution and treatment capacity
 - System reliability and redundancy
 - Water Quality
 - Emergency

Proposed Action 3 – Developing Alternative Approaches



Some questions to be addressed:

- How do we identify and develop local projects that provide additional regional benefit?
- Is there an added regional value in developing resources in certain areas?
- How can we use criteria to support development of projects as opposed to eliminating them?
- How do we account for Metropolitan's financial exposure with alternative approaches?
- How do we evaluate impacts to existing assets and system?

Next Steps

- Incorporate Committee feedback
- Continue discussions with Member Agency Managers
- Initiate survey for improved database of projects
- Develop scope of study actions to support analysis of local project benefits
- Begin development of stormwater pilot programs

