

PLANNING COMMISSION PUBLIC HEARING

February 22, 2010

LOUDOUN WATER – WATER STORAGE

(CMPT 2009-0006, SPEX 2009-0020,
SPEX 2009-0033)





LUCK STONE QUARRY "A" – ASHBURN, VIRGINIA (35 ACRE PORTION)

APPLICATION SUMMARY

•PROPOSAL

- SPEX for Public Water Storage Tank in MR-HI District
- CMPT for public utility
- SPEX to operate public utility within FOD
- Conversion of Quarry "A" 2017-2020 timeframe
- Impoundment area for water drawn from Potomac River at River Creek intake station

•REVISED GENERAL PLAN

- Suburban Policy Area / Ashburn Community
- Area designated Extractive Industry Use
- Innovative and sensitive reuse of quarries encouraged
- "Water Banking" consistent with long-range planning for water supply in Loudoun County

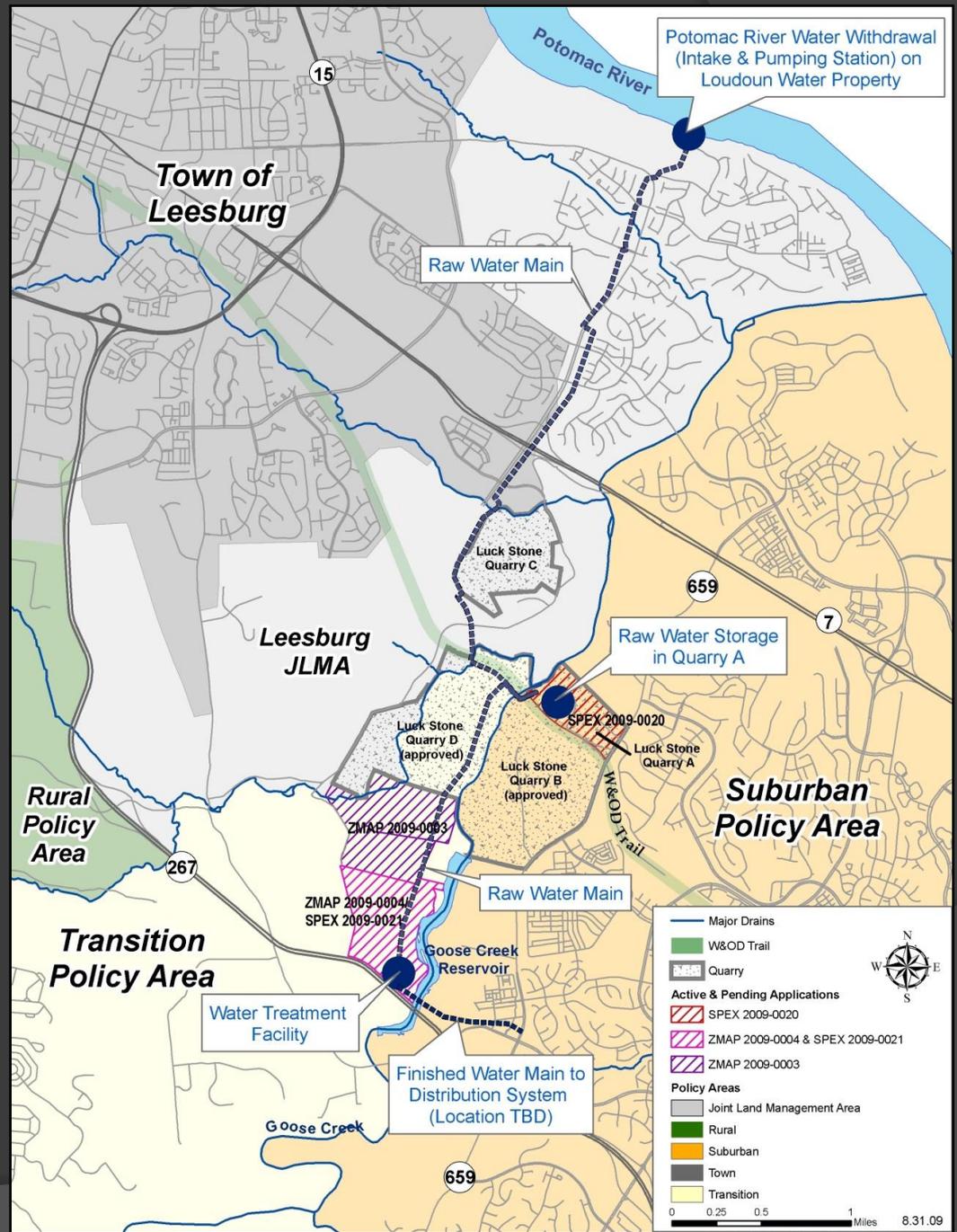


CENTRAL WATER SUPPLY PROGRAM

- Loudoun Water Board of Directors approval Dec. 2008
- Support of Central Water Supply System
- Two-phase program to meet current / projected needs (2030-2035)
- Components:
 - Raw Water Intake
 - Water Banking
 - Water Treatment

CO-APPLICATIONS

- ZMAP 2009-0003, Luck Stone Quarry
- SPEX 2007-0027, Luck Stone Quarry Expansion
- ZMAP 2009-0004, Loudoun Water & Luck Stone Quarry
- SPEX 2009-0021, Loudoun Water – Water Treatment



PLANNING COMMISSION BRIEFING

- ⦿ Timing of Application
 - *Quarry to continue operations through 2017-2020*
- ⦿ Frequency of use
 - *Will water be drawn daily?*
- ⦿ Relationship to Fairfax Water / City of Fairfax
 - *Use of facility would not require continued water supply from City of Fairfax*

APPLICATION SUMMARY

- No outstanding issues
- Staff recommendation of approval with development conditions
 - *Concept of “water banking” is an innovative and sensitive reuse of an Extractive Industry activity which will as significant capacity to Loudoun County’s water supply.*
 - *As a component of the Central Water Supply Program, the proposed facility is consistent with long-range planning policies regarding wastewater treatment and water supply*

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