

# Regional Source Water Protection Plan

Committee Review Draft

Directors of Utilities Committee  
November 2, 2016

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## Products:

1. **Regional SWPP Document** (10-5-16 Review Draft)

### Digital Resources:

2. **Regional Geodatabase** (ArcMap Package)
3. **Maps of Gas and Hazardous Liquid Pipelines** (PDFs)
4. **Updated VDH Source Water Assessment Maps, Land Use Inventories, and Potential Contamination Source Inventories** (*PDFs/GIS data for each Utility*)

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# Comments on Review Draft

1. Corrections to figure numbers and table numbers (Sec. 2).
2. Add evaporation data to climate summary (Sec. 2.3.2, p. 8).
3. Clarify display limitations on National Pipeline Mapping System (NPMS) data; include NPMS locality maps as appendix (Sec. 3.2.2, p. 21 and Sec. 4.3.7, p. 38).
4. Clarify that regional geodatabase includes U.S. Energy Information Administration data (pipelines) (Sec. 3.2.2, p. 21).
5. Add regional pipeline map and table listing operators by reservoir SWPA (Sec. 4.3.7, p. 38)
6. Add railway map and table listing rail operators by reservoir SWPA (Sec. 4.3.6).

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# Comments on Digital Resources

## Regional Geodatabase:

- Add Atlantic Coast Pipeline proposed corridor to regional geodatabase.
- Improve land use data (VDH layer).

### Options:

- BOTH** →
- A. Add current LRTP land use data (~2011 existing & planned)
  - B. Update with new LRTP land use data (available spring 2017)

- How to deliver future geodatabase updates?

### Options:

- Option A** →
- A. Share as updated ArcMap package (annual assessment)
  - B. Share via Hampton Roads Regional GIS (in development) - secured access to map viewer and downloads

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# Discussion of Potential Strategies

## Potential Regional Source Water Protection Activities

1. **Continuation of Current Regional Source Water Protection Activities** (askHRgreen.org, water supply planning, groundwater mitigation, stormwater management, SSORS, etc.)
2. **Source Water Protection Plan Local Advisory Committee Meetings** (1 DUC mtg annually)
3. **Potential Contamination Source Inventory Updates** (check with VDH annually)
4. **Sanitary Sewer Overflows Notices** (add water utilities to SSORS distribution list)
5. **Coordination with Roadway Operators** (establish contacts; update annually; additional support per Committee direction)
6. **Coordination with Railroad Operators** (establish contacts; update annually; additional support per Committee direction)
7. **Coordination with Gas Transmission Pipelines and Hazardous Liquid Trunkline Operators** (establish contacts; update annually; additional support per Committee direction)
8. **Location-Based Analyses** (examples: mapping uses/unique conditions; further identify risks)
9. **Policy Summary** (source water protection provisions in local plans and ordinances; technical assistance for amendment/implementation)

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# Next Steps

- 11-14-16 Revised draft for Committee review
- 12-12-16 Comment deadline
- 12-19-16 Distribute final document to Committee
- 01-04-17 DUC meeting/Committee Approval

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