



# Dalecarlia Monofill (Alternative A) would occupy approximately 30 acres and range from 50 to 80 feet high





## **The draft EIS will describe several likely significant impacts associated with the monofill**

- ◆ **Visual**
- ◆ **Land use**
- ◆ **Hazardous substances**
- ◆ **Implementation uncertainty**



## **Dalecarlia Reservoir site is programmed for further investigation associated with the Spring Valley Project**

- ◆ **Occupies the area historically known as “government woods” and may have been used for American University’s Experimental Station Work**
- ◆ **Geophysical investigations to determine the potential for buried materials are scheduled to begin in 2008**
- ◆ **Findings of the investigation may be cause for further work**



## **Washington Aqueduct would be unable to proceed with designing a monofill until Spring Valley Project investigations are complete**

- ◆ **FFCA mandates that the residuals management program be in place by 2009**
- ◆ **Spring Valley investigations do not start until 2008**
- ◆ **Conclusion: the monofill alternative, by itself, may not be feasible within the project's current schedule**

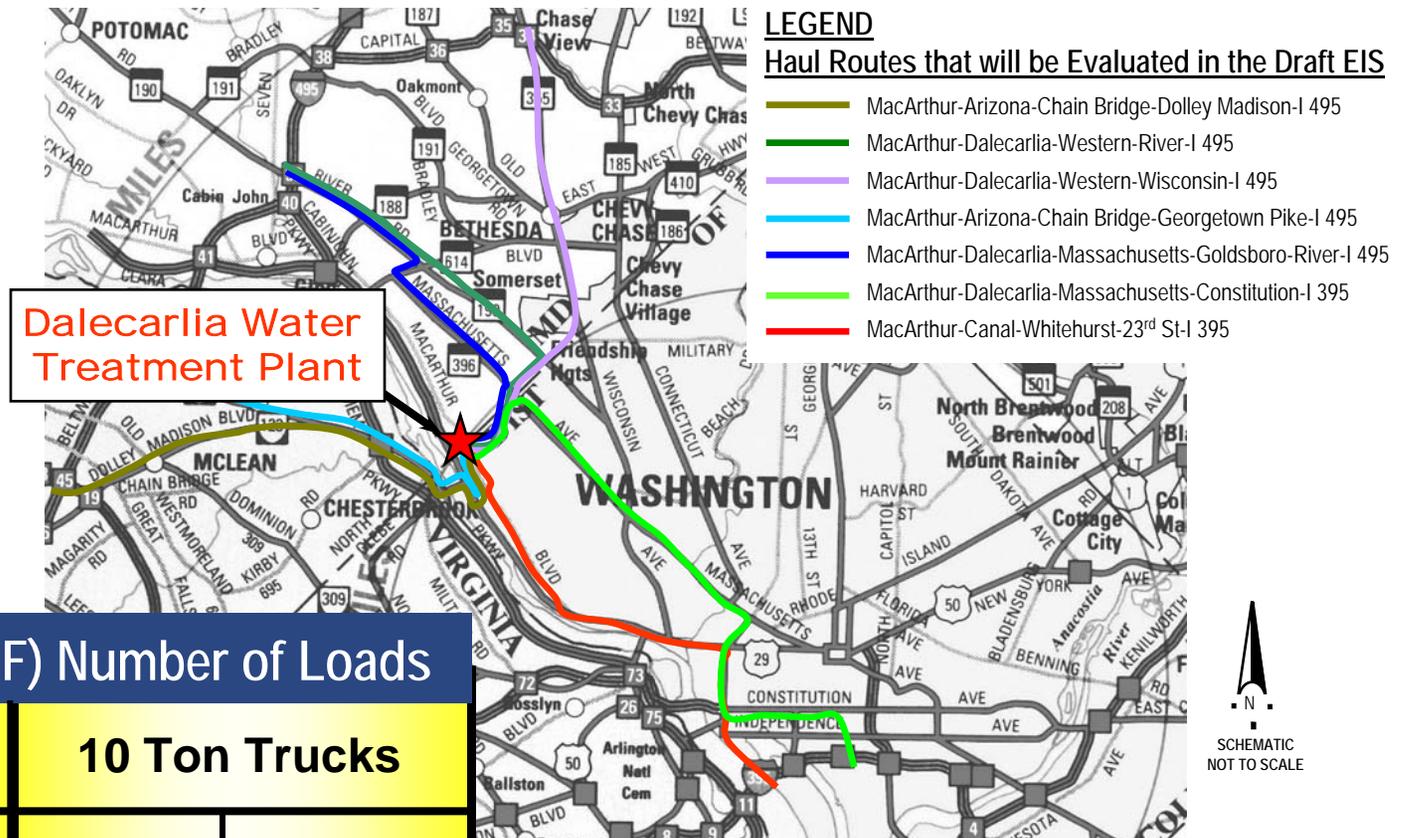


## **Off-Site disposal (Alternative B) involves trucking the residuals to a remote location**

- ◆ **Disposal by licensed haulers in a range of permitted facilities: agricultural application, landfill...**
- ◆ **Seven haul routes are being evaluated to understand the full range of potential traffic impacts**
- ◆ **Haul routes use high volume roads and correspond, where possible, with DC truck management strategy**



# Seven haul routes disperse truck traffic and preserve operational flexibility



Daily Average (M - F) Number of Loads

20 Ton Trucks		10 Ton Trucks	
Current	20 Year Projection	Current	20 Year Projection
9	10	16	20



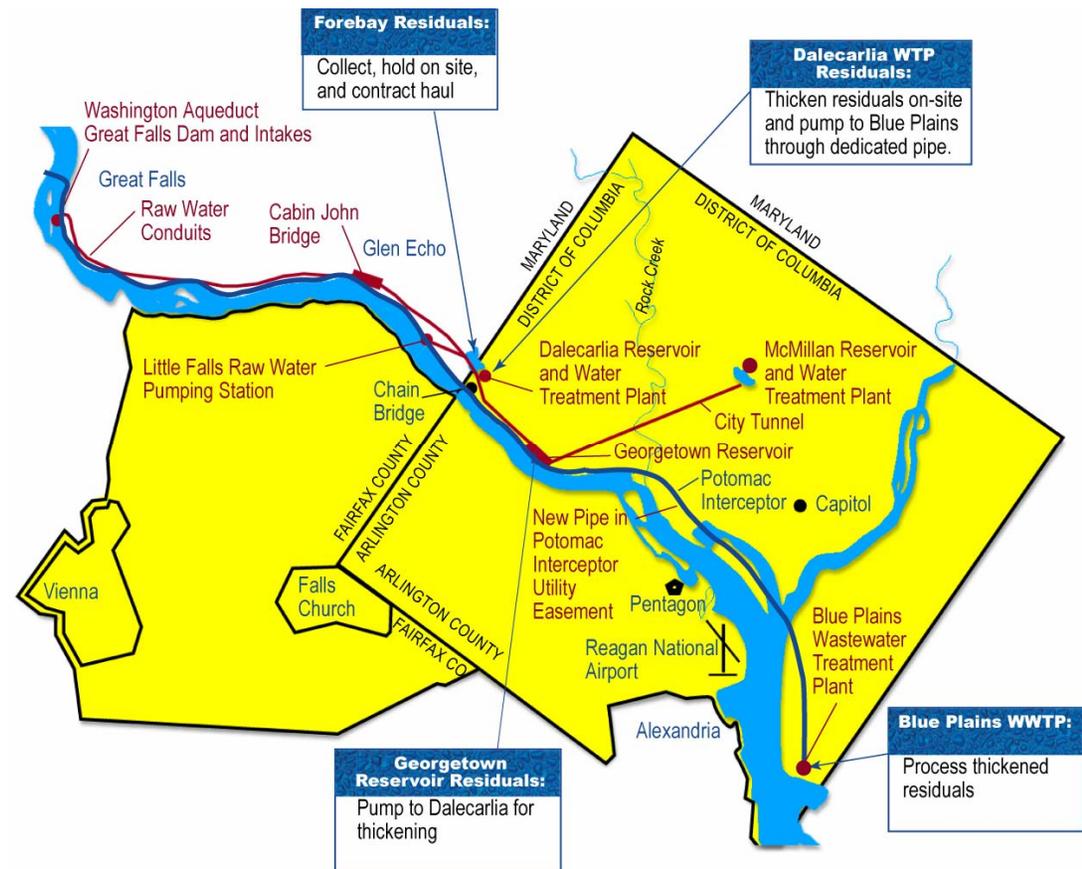
## **So far, off site disposal has fewer known impacts than the other two alternatives**

- ◆ **Licensed disposal assures all environmental regulations are being met**
- ◆ **Truck volume will probably not exceed existing level of service on selected routes**
- ◆ **Truck quantities may be reduced if new technologies can be implemented**
  - ◆ alternate coagulants
  - ◆ alternate Forebay residuals dewatering



# The Blue Plains alternative (Alternative C) would mean building a new 12 mile pipeline from the Dalecarlia Water Treatment Plant to the Blue Plains Wastewater Treatment Plant

- This alternative eliminates trucking of residuals from the Dalecarlia WTP
- Residuals will still be trucked from Blue Plains





## **Work to date is revealing that there will likely be significant impacts associated with the pipeline corridor**

- ◆ **Historic and archaeological resources**
- ◆ **Hazardous materials**
- ◆ **Sensitive land uses**
- ◆ **Economic impacts associated with high construction cost**
- ◆ **Securing right-of-way permits**
- ◆ **Large number of local and Federal Agencies involved complicates and extends the approval process**
- ◆ **Implementation uncertainty**