

Coming to a neighborhood near you?

Options “B” and “C” both include some form of dredging. In the past, there have been opportunities to dispose of the dredged sediment within the park or at a nearby concrete plant.

Unfortunately, those options are not available to us. If Options “B” or “C” are chosen for the management of Lake Accotink, the spoils from the dredging will likely need to be trucked off-site for disposal.

Although the logistics have not been studied in detail, it can be expected that, due to the location of the park and limited access options, most, if not all, of those truck trips will be forced to travel through the adjacent residential communities.

Here are a few points you might want to keep in mind as you evaluate the options.

How many trucks?

Option “B”

Option “B” would seek to remove 350,000 cubic yards of sediment with each 15 year dredging cycle.

- That would mean **35,000** truckloads or
- An average of **68** truck trips per day for two years or
- Approximately one truck every **12** minutes.

Option “C”

Option “C” would seek to remove 500,000 cubic yards of sediment with the initial dredge.

- That would mean **50,000** truckloads or
- an average of **108** truck trips per day for two years, or
- Approximately one truck every **8** minutes

Option “C” would also do smaller dredges on an annual or biennial basis to remove 12,000 cubic yards.

- That would mean an additional **1,200** truckloads every year or two.

ASSUMPTIONS:

Based on the type of road the trucks will need to traverse, it is reasonable to assume the use of dump trucks capable of hauling 10 cubic yards at a time;

And, in the past, major dredging operations have lasted two years. Minus weekends and a few holidays, let’s assume about 255 working days in a year or 510 days in two years.

And, per Fairfax County Noise Ordinance standards, construction activities can occur between 7 am to 9 pm on weekdays (14 hours a day)

What would be the impacts of so many trucks?

Embarking on an aggressive dredging program would require development of a construction management plan. Procedures would be put in place to minimize the impacts of construction, but, the impacts would not be eliminated.

- Significant fuel consumption
- Related impacts to air quality from the increase in emissions
- Noise (Per the recently updated Noise Ordinance, construction activities can occur from 7 am until 9 pm on weekdays; 9 am to 9 pm on Saturdays, Sundays, and federal holidays)
- Dust
- Increased traffic congestion
- Impact to road surfaces from repeated use by heavy duty vehicles
- Likely temporary loss of parking availability for park patrons for vehicle staging
- Safety concerns related to balancing the needs of construction vehicles and park patrons
- Visual impacts on park experience
- Impacts to surrounding environment
- Potential impacts to cultural resources

