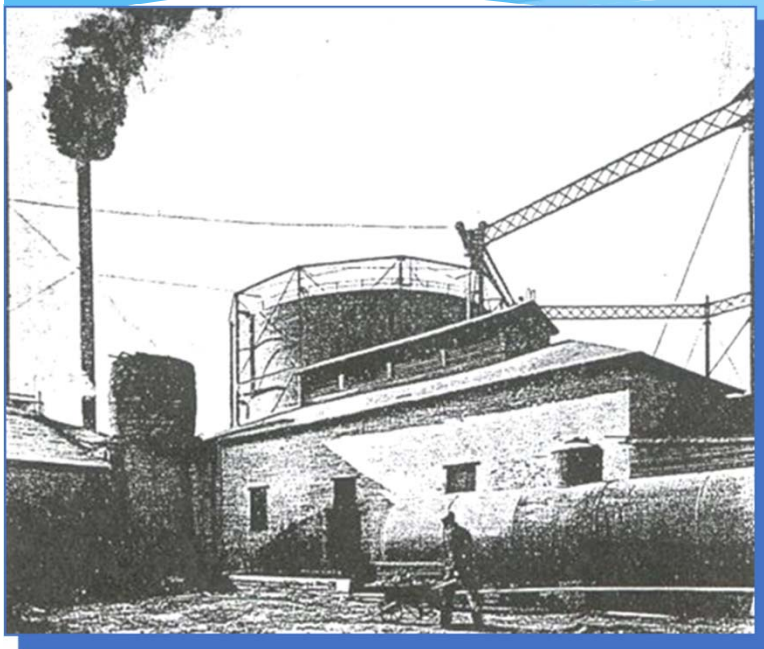


City of Alexandria, Virginia

# Oronoco Outfall Dredging and Capping Project



# Alexandria Town Gas Site



1930s

Oronoco Outfall  
At foot of Oronoco St.



# Area Overview



# Voluntary Remediation Program (VRP)



2000: City of Alexandria entered into the VRP Program

- Boom installed

2003: Free Product Recovery

2006: Relining of Oronoco St. Storm Sewer Pipe

2014: BioSparge Groundwater Treatment System installed  
Relined additional Oronoco St. Storm Sewer Pipe

2017: Installed additional recovery well  
Oronoco St. Storm Sewer Pipe Cleaned/Repaired



# Storm Sewer Pipe to be Cleaned/Repaired



# Dredge and Cap Project Objective



- Dredge and remove contaminated sediment from around the Oronoco St. storm sewer outfall.
- Backfill it with clean sand.
- Installing reactive cap to prevent seeps from entering into the river.



# Environmental Controls



- Air Monitoring
  - Within Work Zone
  - Outside Work Zone
- Odors Managed
- Turbidity Monitored



# Lane Closure



- Oronoco Street between N. Union Street and the river will be closed for the duration of the project.
- Material will be transported to and from the jobsite via barges.

# Project Schedule

January - March



- Mobilization (Dec. – Jan.)
- Dredging (Jan. – Feb.)
- Capping ( Feb. – March)

## Working Hours

7:00 AM – 6:00 PM

# Questions



## Contacts:

Tafesse T. Gyes, P.E.  
Construction Division Chief  
Department of Project Implementation  
City of Alexandria, Virginia  
703.746.4051

Khoa D. Tran  
Environmental Program Manager  
Office of Environmental Quality  
City of Alexandria, Virginia  
Telephone: 703. 746.4076