Robinson Terminal North
update to
Alexandria Ad-Hoc Construction Monitoring Group

October 1, 2018
Alexander Wardle
Petroleum Program
DEQ’s Petroleum Program Approach

- Protect current human or environmental receptors at significant risk
- Remove oil on groundwater to the maximum extent practicable
- Reduce oil on property to amounts that are safe, and allow natural attenuation.
Initial Investigation

- Submitted August 2017
- High resolution site characterization
- Fourteen monitoring wells
Approximate area underlain by Standard Oil storage tanks (1907)
Comparison of MIPS and shallow groundwater
DEQ required additional monitoring

- Three additional monitoring wells
- Two monitoring events: January 2018 and June 2018
- Seventeen monitoring wells sampled
Petroleum Corrective Action Plan

- Due November 9, 2018
- Required to:
  - Control risks of discharges of petroleum contaminants to surface water during and after development
  - Abate risks to future use (i.e. vapor migration to indoor air in new construction)
Corrective Action Plan comments

- Comment period 30 days after CAP public notice
- Written comments considered
- DEQ will provide written response to comments
Questions?

• Email alexander.wardle@deq.virginia.gov
• Phone 703-583-3822
• Write with comments to:
  – Alex Wardle
  – Northern Regional Office Petroleum Program
  – Department of Environmental Quality
  – 13901 Crown Court Woodbridge VA 22193