

# Mitigation of Vapor Concerns at the Fulton Fish Market at Hunts Point



## Risk Issues for MGP Vapors

- NYSDEC Brownfield program uncertainties
- Changing policy on VI mitigation
- PRP settlement of liability
- MGP source soils with benzene
- PRESERVE DEVELOPMENT SCHEDULE = Principal Risk

## Mitigation Options to Advance Schedule of NYSDEC approvals

- Use elements of development to remediate
- Disposal of source material off-site
- Anticipate NYSDEC requests
- Select fastest reliable responses to agency
- For VI, NYSDEC accepted liner and vents
- NYSDEC requires demonstration of capture zone and annual certification

## Engineering Controls Integrated with Development

- Building caps contamination, with subslab sparge system
- Parking lot has geotextile membrane and pavement over the entire site
- Surface water collection and controls to prevent percolation

## Risk Mitigation Results – Opening on Schedule

- Fish Market became fully operational in 4 years

