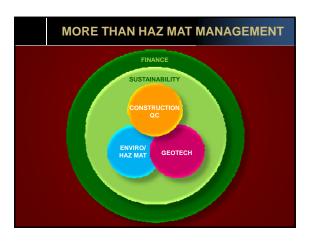




OVERVIEW Project Overview Geotechnical Challenges Environmental Challenges Financial Challenges Sustainability



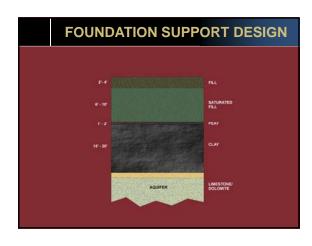






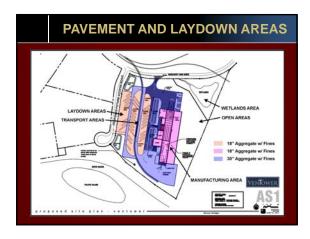






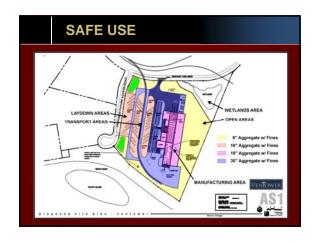
FOUNDATION STRATEGY Driven conventional piles Soil stabilization Controlled Modulus Columns (CMC) Rammed Aggregate Piers







Site characterization Due diligence Exposure assessments Liability management State CERCLA Safe use strategies and designs Exposure mitigation Exacerbation prevention Excess fill management





	ENVIRONMENTAL COSTS
	Assessment and due diligence\$70,000
	Site preparation and excess fill management\$225,000
	Contact exposure barrier\$2,600,000
	Vapor intrusion barrier\$625,000
	Storm water detention pond liners\$170,000
٠	Environmental management and monitoring\$160,000
	TOTAL\$3,850,000

BROWNFIELD FUNDING

- * Assessment and due diligence
- Site preparation and excess fill management
- Contact and vapor exposure barriers
- Storm water pond liners
- Geotechnical engineering
- Soil stabilization

State assessment grant..........\$70,000 ❖ State brownfield grant.......\$1,000,000 ❖ State brownfield loan.......\$1,000,000 ❖ EPA RLF Grant loan\$2,000,000 ❖ State/local brownfield TIF... \$4,130,000 TOTAL........\$5,200,000

* State DOT grant..........\$800,000 * State/local brownfield TIF.....\$900,000 * Other infrastructure grants.\$1,000,000 * Unfunded\$675,000 TOTAL...............\$3,375,000



SUSTAINABLE/GREEN APPROACHES

- Wind power for the plant
- Excess fill retained on site
- Soil stabilization with no spoils
- Minimal commuting
- Minimal on-site engine idling
- Use of biodiesel





