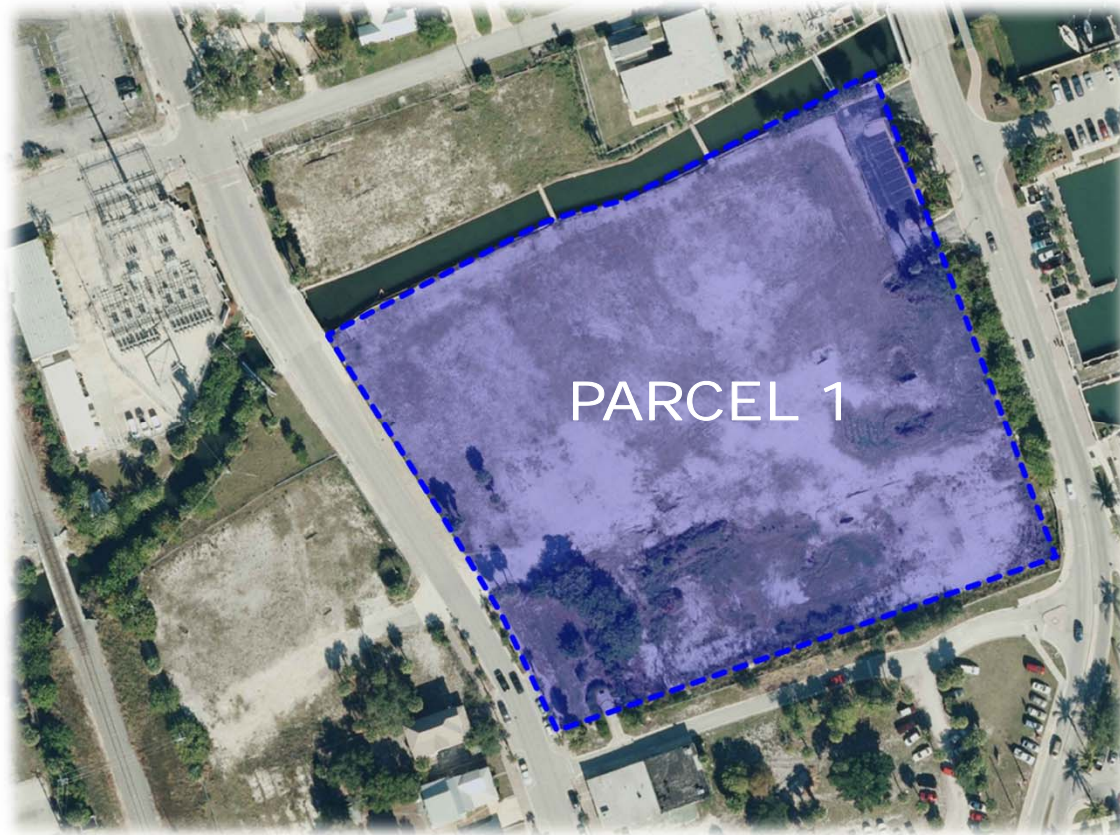
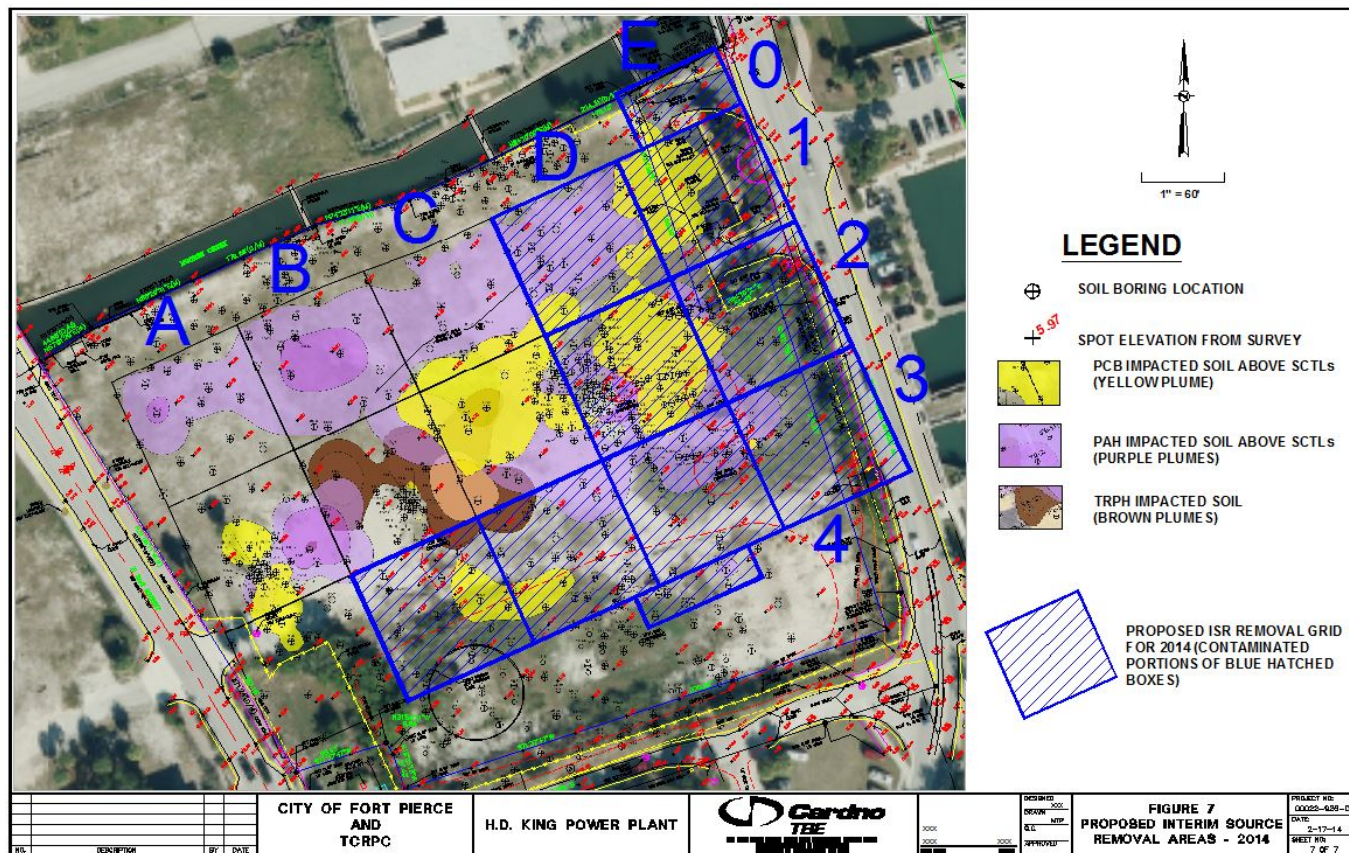


HD King Project Summary and Path Forward



Update on ISR Activities

- Removed initial design quantity of 9,000 tons from blue hatched grid squares



Update on ISR Activities

- Removed initial design quantity of 9,000 tons from blue hatched grid squares



Update on ISR Activities

- Identified Significant Contaminant Impacts and Free-Phase Petroleum Product Below the Maximum Design Depth of 4.5 ft Below Surface



Update on ISR Activities

- Removed Large Concrete Footer From SW Portion of Retention Basin
- Encountered Various Subsurface Features during ISR Activities:
 - Areas of Landfill Debris (wood, brick, metal, bottles, auto parts, etc.) – (Removed if comingled with contaminated soil)
 - Three 55-gallon Drums (Removed)
 - Product Piping (Removed except for one 8-inch pipe running beneath utilities and presumably Indian River Drive (Pipe plugged with Concrete)
 - Large Concrete Footers/Sumps (Removed)
 - Asbestos Pipe (Removed & wrapped in visqueen pending disposal under supplement)
 - Former Intake Canal Structure (Left In-Place)
 - Former Sheet-Pile Retaining Wall for AST #5 (Left-In Place)

Update on ISR Activities

Images of Subsurface Features:



Update on ISR Activities

Images of Subsurface Features:



Update on ISR Activities

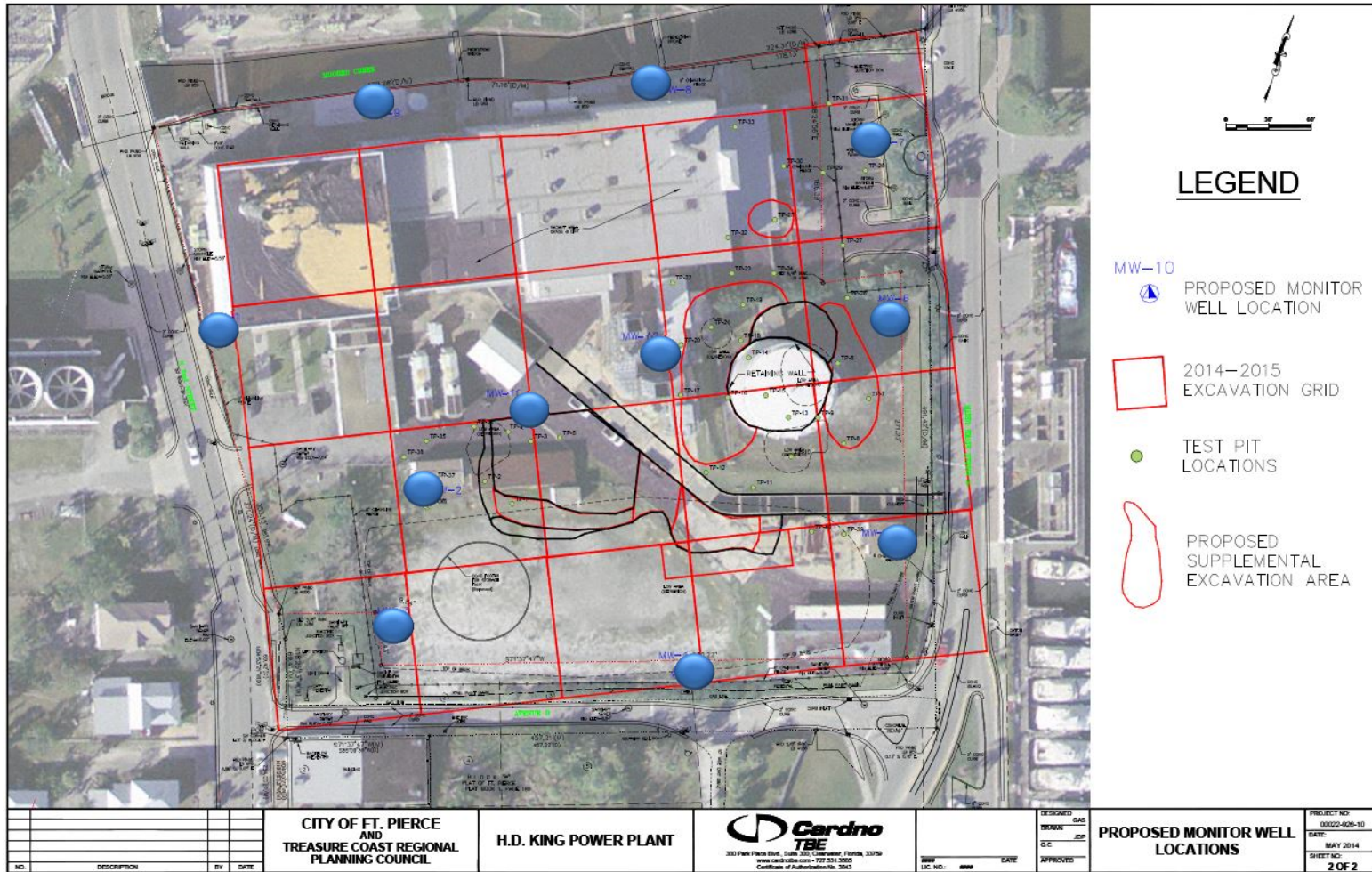
- Upon Approval of Contingency Funds
 - Over excavated to remove additional 2,882.81 tons of grossly contaminated soil using contingency funds
 - Total of **11,882.81** tons of contaminated soil removed to date
 - Excavation work intentionally stopped short so as not to inadvertently exceed contingency - additional 104.98 tons remaining to be removed under contingency
 - Contingency funds expended entirely on tonnage removed. No additional labor, equipment or subcontractor fees charged in effort to get maximum amount of soil removed
 - Application of contingency funds to “tonnage only” allowed **an additional +/- 887.79** tons of heavily contaminated soil to be removed without additional cost to the City

Update on ISR Activities

Images of backfilled areas with clean material:



Proposed Groundwater Monitor Well Installations



Update on ISR Activities

- Eleven groundwater monitor wells have been installed.
- Tests have confirmed that only two of the monitoring wells indicate groundwater contamination above the target levels. - MW-8 (along the seawall near the eastern pedestrian bridge) and MW-10 (in 2015 dig area just west of the former AST#5 ring).
- The impacts in these two wells are not very high and are well below natural attenuation default concentration levels.
- MW-8 is impacted with naphthalene (petroleum related constituent) and vanadium and MW-10 is impacted with lead.
- Other than MW-8, all perimeter wells were "clean"/not impacted above target levels.

Proposed Supplemental ISR Activities

- Free-phase petroleum product and heavily impacted soil encountered below maximum design depth of 4.5 feet
 - Free-Product cannot be left in place unless not technologically feasible to remove.
 - Saturated soil and free-product may present a vapor intrusion concern once development is built
- Proposal for Supplemental ISR work submitted May 9, 2014 (\$291,730)
- Estimated to be 2,650 additional tons of heavily impacted soil to be removed to depths of 8.5 to 9 feet below land surface as shown in red on the next slide
- Disposal of identified asbestos pipe and breaking up/disposal of large concrete footers also included in proposal

Proposed Supplemental ISR Activities



Proposed Source Removal Schedule - 2015

- Notice to Proceed – January 2015
- Mobilization and Source Removal Activities – January – April 2015
- Monitor Well Sampling and Reporting – February & May 2015
- Preparation and Submittal of Final Source Removal Report - May 2015
- FDEP Approval of ISR Report – August 2015
- Preparation of DRC Package – October 2015
- Final FDEP Approval and Issuance of SRCO – November 2015
- VCTC Preparation – December 2015