Griffiss BCT Meeting

On-Base Groundwater (OBGW) Project Status

May 15, 2007

Meeting Agenda

- Introductions and Welcome, Safety Moment
- Progress and Schedule Update
- Review of Responses to Comments on the OBGW Proposed Plan.
- Discussion of Pre-design Investigation 2 (PDI 2) data for Landfill 6 and preview of the proposed remedy.
- Discussion of PDI 2 data for Area of Concern 9 and proposed path forward.
- Questions

Safety Moment
Poison Ivy

Minimize Exposure

1. Handle all clothing as if contaminated.
2. Decontaminate shoes/boots with detergent, allow to dry overnight.
3. Remove coveralls before entering vehicle.
4. Decontaminate after each field excursion and before eating and/or bathroom breaks.

"Leaves of three – Let it be"

Poison oak is a low branching shrub with leaflets also in threes.

Poison ivy, oak, and sumac all secrete an oil called urushiol, which causes the allergic reaction.

Safety Moment
Poison Ivy

If Exposed

1. Use products such as Technu - "Poison Oak-N-Ivy" after potential exposure.
2. Medications such as Zanfel when symptoms develop.
3. Try to stay in a cool place for a few days.

Poison Sumac Recognition

Woody shrub growing to 3 m tall.
Exclusively in very wet or flooded soils.
Fruit is a small white or grey berry – not red like other sumacs.

OBGW Sites Status - Progress Update

- March 2007
  - March 6 Regulator Briefing
  - OBGW Soil Vapor Intrusion (SVI) Report – Draft submittal
  - Building 817 Pilot Study – Round 1 results
- April 2007
  - OBGW SVI Report - Comments received
  - Completion of PDI 2 field work
- May 2007
  - OBGW Proposed Plan – Response to Comments submitted

OBGW Sites Status – Near Term Schedule

- May 2007
  - PDI 2 Technical Memo – Information submittal
  - OBGW Proposed Plan - Final submittal
- June 2007
  - Additional Pre-design Investigation field work begins at AOC 9
  - Baseline Monitoring Report – Information submittal
- July 2007
  - OBGW Proposed Plan - Public Meeting
  - OBGW 30% Design Document – Draft submittal
- October 2007
  - OBGW Record of Decision – Draft submittal

OBGW Proposed Plan Responses to Comments

- Comment 10 – Building 775 - System pumping capacity
- Comment 14 – Building 817 - Monitoring of potential impact to Six Mile Creek
- Comment 17 – Nosedocks/Apron 2 -Stability of plume
- Comment 20 – Nosedocks/Apron 2 – Contingency trigger value
- Comment 1A/IB – SVI Issues

Please refer to highlighted items in Draft Final Proposed Plan Response to Comments 5/2/2007

Landfill 6 PDI 2 Goals

- Better definition of "hot spot" area
  - Sampling of 4 existing wells at LF 6 in hotspot area (LF6MW-12, 18, 19, and 20) and Three Mile Creek sentry well (LF6MW-13RD)
  - Installation and sampling of six additional temporary wells in 50' radius around hotspot

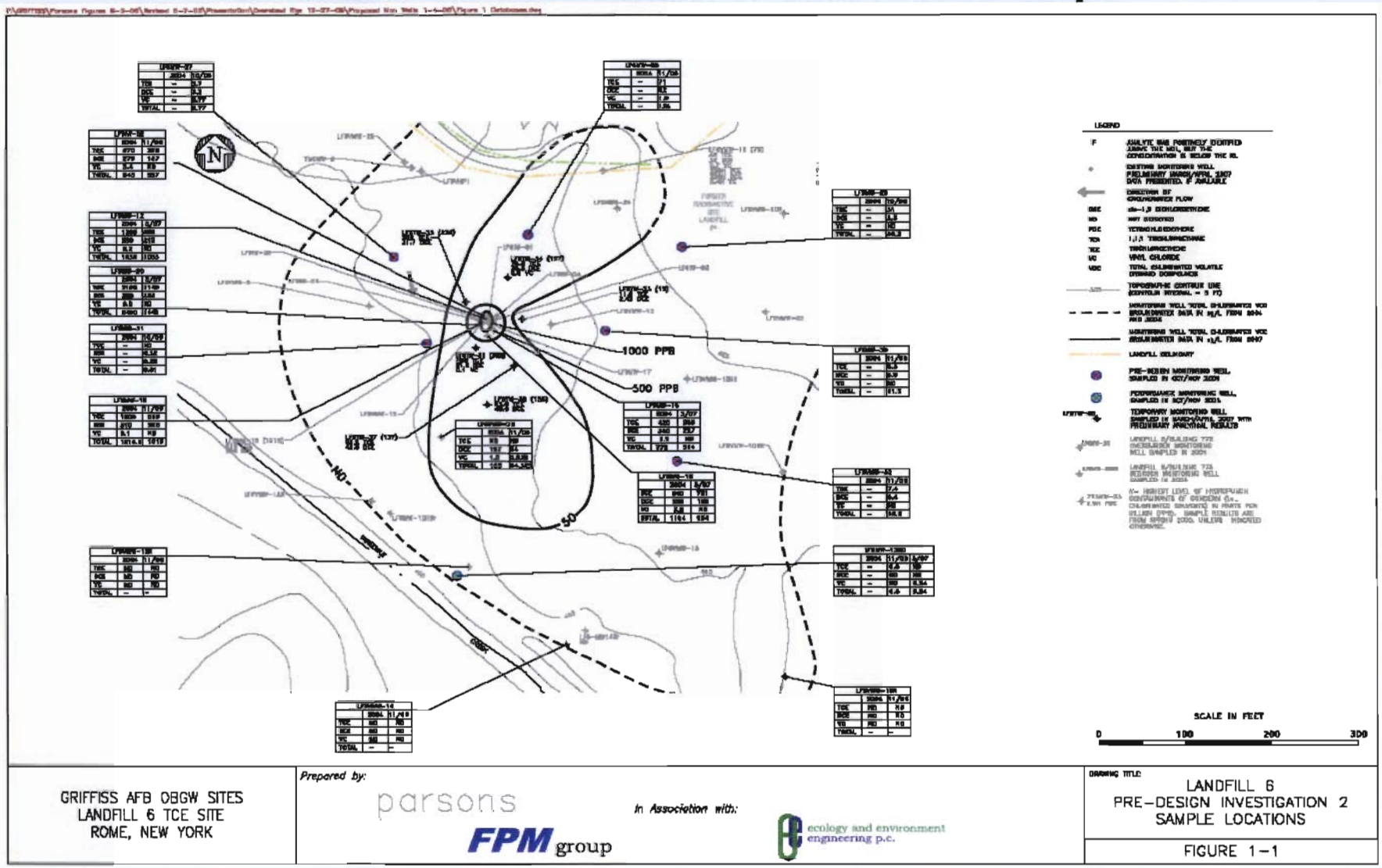
PDI2 Landfill 6 Results - 5 Exist. Wells March 2007

MW 12	MW 18	MW 19	MW 20	MW 13 RD
Hotspot Area	Hotspot Area	Hotspot Area	Hotspot Area	Three Mile Creek Area
1063 ug/L Total VOCs	954 ug/L Total VOCs	514 ug/L Total VOCs	1449 ug/L Total VOCs	0.24 ug/L Total VOCs

PDI2 Landfill 6 Results - New Wells
April 2007

TW 33	TW 34	TW 35	TW 36	TW 37	TW 38
20′ NW of hotspot	50′ NE of hotspot	50′ E of hotspot	40′ S of hotspot	40′ SE of hotspot	65′ S of hotspot
234 ug/L Total VOCs	127 ug/L Total VOCs	13 ug/L Total VOCs	382 ug/L Total VOCs	137 ug/L Total VOCs	127 ug/L Total VOCs

Landfill 6 2007 Plume Map



GRIFFISS AFB OBGW SITES
LANDFILL 6 TCE SITE
ROME, NEW YORK

Prepared by: parsons

In Association with: FPM group; ecology and environment engineering p.c.

DRAWING TITLE:
LANDFILL 6
PRE-DESIGN INVESTIGATION 2
SAMPLE LOCATIONS

FIGURE 1-1

PARSONS

Landfill 6 – Remedy Preview

- Former proposed remedy – Enhanced reductive dechlorination by organic substrate injection and extraction/treatment/discharge to Three Mile Creek
- Current proposed remedy - Enhanced reductive dechlorination by organic substrate injection
- Advantages of current remedy
  - Maintains plume stability
  - Eliminates discharge to Three Mile Creek
  - Simpler and equally effective

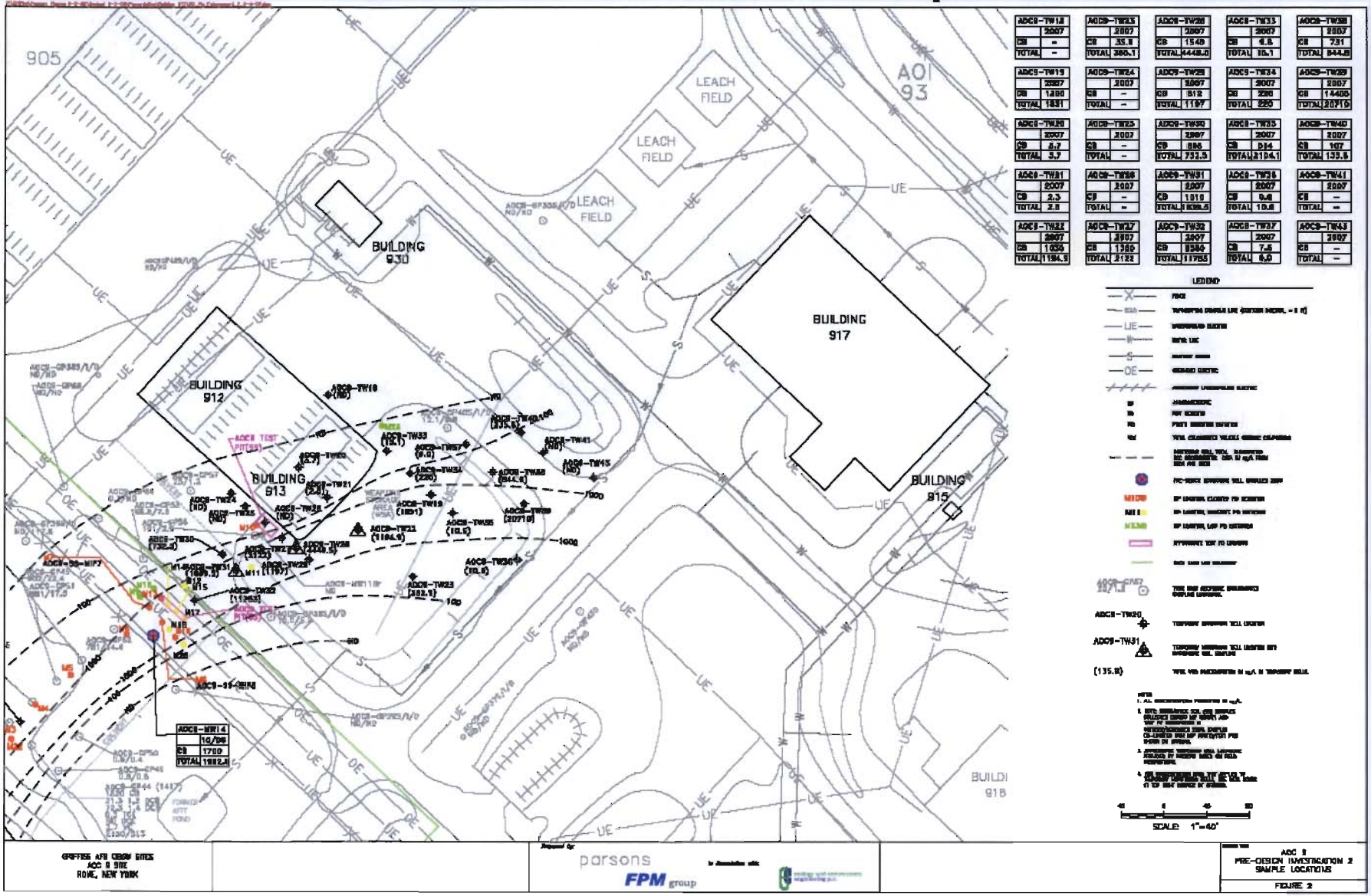
Landfill 6 Remedy - 30% Design Package

- Contains conceptual site model
  - 2007 Landfill 6 Plume Map
  - Historical trend analysis
  - Single hotspot of contamination
- Delineates injection locations and substrate selection
- Discusses degradation rates for TCE, DCE, VC
- Develops contingencies for potential impact to Three Mile Creek
  - Monitor Three Mile Creek surface water
  - Monitor downgradient monitoring wells

Area of Concern 9 PDI2 Goals

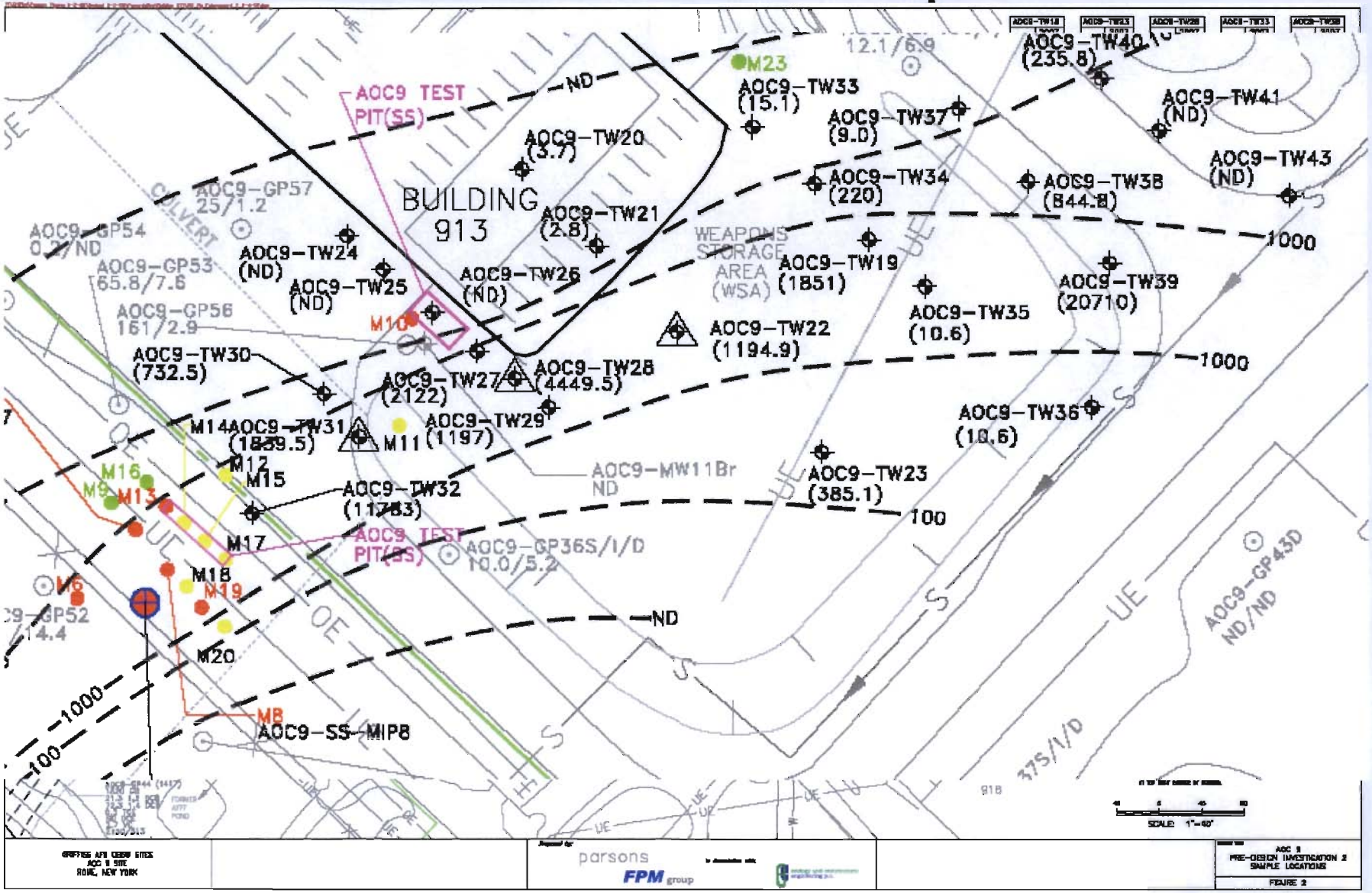
- Investigate potential upgradient source locations near B 913
- Further delineate plume
  - Installation and sampling of 25 additional temporary wells

AOC 9 PDI 2 Map



PARSONS

AOC 9 PDI 2 Map



AOC 9 Additional PDI Goals

- Begin June 2007 and complete August 2007
- Define extent of plume upgradient
  - North and east of existing PDI2 sampling locations
- Determine source area

AOC 9 Additional PDI Field Program

- Installation of 50 Temporary Wells (TWs).
  - TWs will be constructed of 1-inch diameter PVC with ten foot pre-packed screens (0.010 inch slot).
  - Purge and sample TWs. Plus resample 3 existing TWs (TW-21, 41, and 43) from PDI2 investigation.
  - Off site analysis for VOCs with a 24-hour Turn Around Time (TAT).
- Installation of 25 Geoprobe soil borings to refusal with continuous macrocore soil sampling.
  - 2 soil samples collected per boring for VOC analysis.
  - Off site analysis for VOCs with a 24-hour TAT.
- If additional wells or soil samples are required they will be added in a phased approach.

Area of Concern 9
Path Forward

- Additional Investigation Workplan — Jun 07
- Additional Investigation Field Work — Jun-Aug 07
- Additional Investigation Report — Sep 07
- Supplemental Feasibility Study — Dec 07
- AOC 9 Proposed Plan — Mar 08
- AOC 9 ROD — Nov 08
- AOC 9 Remedial Design — Mar 09
- AOC 9 Remedial Construction — May 09

Questions ???