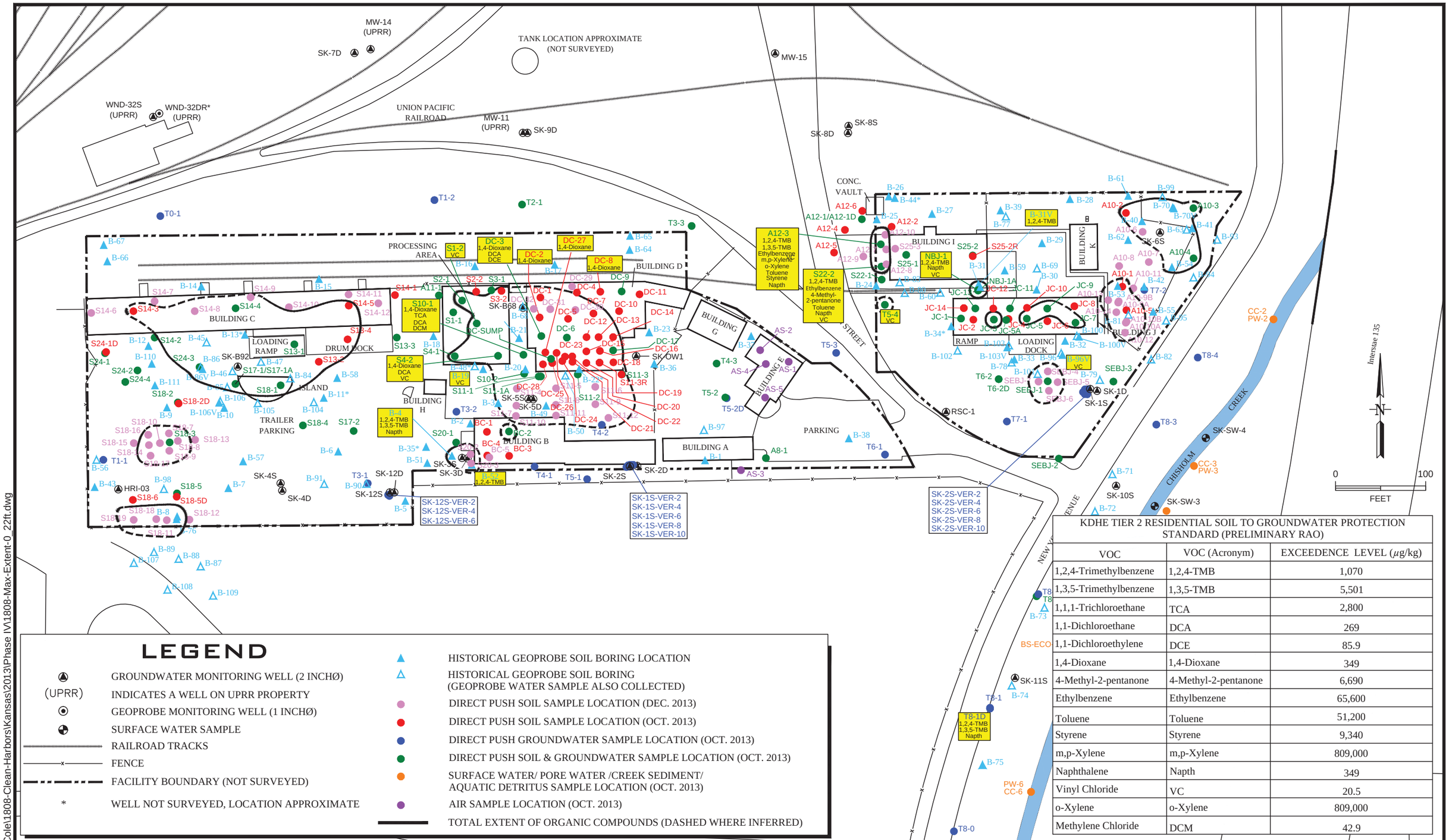
From: SMITH, MARTIN L
To: Jump, Christine
Subject: Boring locations - Wichita
Date: Tuesday, January 28, 2014 12:46:55 PM
Attachments: 1808-Max-Extent-0_22ft.pdf

For you general information, here is a plot before the latest round of mobile sampling. Although it doesn't have every sample location on it, it does show the general distribution of samples by area. You can use Adobe Reader to blow up a building. Note that the blue sample locations are pretty faint but they represent older soils data that was usable.



LEGEND

- GROUNDWATER MONITORING WELL (2 INCHØ)
- (UPRR) INDICATES A WELL ON UPRR PROPERTY
- GEOPROBE MONITORING WELL (1 INCHØ)
- SURFACE WATER SAMPLE
- RAILROAD TRACKS
- FENCE
- FACILITY BOUNDARY (NOT SURVEYED)
- * WELL NOT SURVEYED, LOCATION APPROXIMATE
- HISTORICAL GEOPROBE SOIL BORING LOCATION
- HISTORICAL GEOPROBE SOIL BORING (GEOPROBE WATER SAMPLE ALSO COLLECTED)
- DIRECT PUSH SOIL SAMPLE LOCATION (DEC. 2013)
- DIRECT PUSH SOIL SAMPLE LOCATION (OCT. 2013)
- DIRECT PUSH GROUNDWATER SAMPLE LOCATION (OCT. 2013)
- DIRECT PUSH SOIL & GROUNDWATER SAMPLE LOCATION (OCT. 2013)
- SURFACE WATER/ PORE WATER /CREEK SEDIMENT/ AQUATIC DETRITUS SAMPLE LOCATION (OCT. 2013)
- AIR SAMPLE LOCATION (OCT. 2013)
- TOTAL EXTENT OF ORGANIC COMPOUNDS (DASHED WHERE INFERRED)

KDHE TIER 2 RESIDENTIAL SOIL TO GROUNDWATER PROTECTION STANDARD (PRELIMINARY RAO)

VOC	VOC (Acronym)	EXCEEDENCE LEVEL (μg/kg)
1,2,4-Trimethylbenzene	1,2,4-TMB	1,070
1,3,5-Trimethylbenzene	1,3,5-TMB	5,501
1,1,1-Trichloroethane	TCA	2,800
1,1-Dichloroethane	DCA	269
1,1-Dichloroethylene	DCE	85.9
1,4-Dioxane	1,4-Dioxane	349
4-Methyl-2-pentanone	4-Methyl-2-pentanone	6,690
Ethylbenzene	Ethylbenzene	65,600
Toluene	Toluene	51,200
Styrene	Styrene	9,340
m,p-Xylene	m,p-Xylene	809,000
Naphthalene	Napth	349
Vinyl Chloride	VC	20.5
o-Xylene	o-Xylene	809,000
Methylene Chloride	DCM	42.9

DRAFT

	BY	DATE
DRAWN	JGM	12/23/13
CHECKED		
REVISED		
APPROVED		
APPROVED		
APPROVED		

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FIGURE X

TOTAL EXTENT of ORGANIC COMPOUNDS EXCEEDING PRELIMINARY RAO (0 - 22ft)
CLEAN HARBORS KANSAS, LLC

SCALE: AS SHOWN

PROJECT: 1808

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