



STATE COOPERATIVE AGENCY DECISION STATEMENT
Kansas Department of Health and Environment
Bureau of Environmental Remediation

SITE NAME: General Motors Former Fairfax 1 Plant Site (C4-105-00021)
CITY/COUNTY: Kansas City, Wyandotte County
DATE: January 2018
MEDIA IMPACTED: Groundwater, Soil
LAND USE (Current): Industrial

SITE BACKGROUND: The General Motors Corporation (GMC) Former Fairfax 1 Plant Site is located at 100 Kindelberger Road in Kansas City, Kansas in the north half of Section 27, Township 10 South, Range 25 East, Wyandotte County. The site is in an industrial area known as the Fairfax District and is located south of the Missouri River with a levee between the site and river. The site is bounded to the west by a large parking lot and industrial facilities, to the east by the General Motors Fairfax II plant, and to the south by Kindelberger Road and industrial properties. The general location is depicted in Figure 1.

The Fairfax I Plant consisted of several buildings, a tank farm, rail support, and drum storage areas. The buildings provided over 2.2 million square feet of covered work area. All buildings at the facility were razed in 1989. The western half and southeastern corner of the property have been redeveloped and are currently occupied by industrial facilities.

The original Site property covered over 107 acres. The western 16 acres (Tract 2) was accepted by the Kansas Department of Health and Environment (KDHE) into the Voluntary Cleanup and Redevelopment Program (VCPRP) in 2006. KDHE issued a No Further Action determination for Tract 2 in 2007. Tract 1 was entered into the VCPRP in 2001 but this agreement was terminated in 2010 following GMC's bankruptcy. Revitalizing Auto Communities Environmental Response Trust (RACER Trust) was created through the bankruptcy settlement to conduct, manage, and fund cleanup activities at 89 former GMC properties, including the Site. A Consent Agreement and Final Order between RACER Trust and KDHE was signed 11/21/2011. An Environmental Use Control was signed and put in place in 2012 (12-EUC-0019).

Past Investigations: Between 1987 and 1988, in preparation for demolishing plant buildings, GM conducted an Environmental Site Assessment to determine potential impacts to the soil and groundwater. All above ground storage tanks (ASTs) and underground storage tanks (USTs) were removed during this time. The assessment focused on areas around ASTs, USTs, product conveyance lines, waste and paint storage areas, process sumps, refuse burning areas, fueling stations, and where historic spill incidents occurred. In total, 76 soil borings were advanced with groundwater collected from 7 of the borings. Sixteen groundwater monitoring wells were installed, but not sampled during the investigation. The investigation found acetone; 1,2 dichloroethene (1,2-DCE); 2-butanone; tetrachloroethene (PCE); trichloroethene (TCE); benzene, toluene, ethylbenzene, and

xylene (BTEX); methyl isobutyl ketone; arsenic; barium; cadmium; chromium; lead; and silver in soil and groundwater.

In 1991 GM initiated a groundwater remedial system to address the contamination. The system consisted of groundwater extraction and treatment by air stripping, and soil vapor extraction and treatment by thermal oxidation. The system focused on a BTEX plume near monitoring well MW-103A and a 1,2-DCE plume near monitoring well MW-109. The system was determined to be inefficient at treating the contamination and was shut down in 1994.

In 1991 KDHE performed a Preliminary Assessment to determine the presence and extent of contamination. The investigation found contamination present, but determined that contaminant levels had been lowered by interim remedial activities performed by GM. The report recommended that remediation continue with semi-annual monitoring. No further investigation was recommended at that time.

In 1998 Conestoga-Rovers & Associates (CRA), on behalf of GM, conducted a comprehensive groundwater sampling event to evaluate changes in groundwater conditions since the remedial systems and monitoring program shut down in 1994. The investigation found detections of BTEX, PCE, and 1,2-DCE in MW-103A and MW-110A above KDHE Tier 2 Risk-Based Standards for Kansas (RSK).

As a result of the 1998 investigation GM performed a source investigation for the area surrounding MW-103A, identifying soil contamination above RSKs for BTEX, 2-butanone, and methyl isobutyl ketone. Soil contamination was found at 5 to 12 feet below ground surface (bgs) in the unsaturated zone. The total volume of impacted soil was estimated at 3,000 cubic yards.

GM began their Voluntary Cleanup Investigation in 2004. The investigation found PCE in soil above RSK at SB-110 and confirmed soil and groundwater contamination in the area of MW-103A. In 2006 a supplemental investigation verified contamination in the SB-110 area and determined its extent. The investigation found detections of PCE above the soil to groundwater RSK in SB-119 and SB-121. Additional supplemental investigation in 2006 further delineated contamination in SB-110, MW-105, and the former Fairfax I assembly plant building area. The SB-110 and MW-105 areas had no further detections and were considered delineated. Detections of 1,2-DCE and methylene chloride were found above groundwater RSK values in TMW-127. Light non-aqueous phase liquid (LNAPL) was found in TMW-130, leading to a recommendation of further delineation.

In September and October 2009, Motors Liquidation Company (formerly GMC) conducted an LNAPL investigation for the TMW-130 area. Soil borings and Laser-

Induced Fluorescence techniques, in which a UVOST tool was used, identified an area 170 feet by 300 feet around TMW-130 impacted by LNAPL.

In 2012 CRA, on behalf of RACER Trust, conducted a supplemental site-wide investigation for the five identified Areas of Concern (AOCs). The AOCs are the areas around soil boring S-8, soil boring SB-110, temporary monitoring well TMW-127, monitoring well MW-103A, and temporary monitoring well TMW-130 (Figure 2). The investigation confirmed previous findings and delineated impacts at the AOCs. Work was also done to analyze soil and groundwater to evaluate remedial alternatives and for waste profiling.

In 2013 and 2014 CRA conducted Interim Remedial Measures (IRM) to address soil conditions and LNAPL at the MW-103A and TMW-130 AOCs. A total of 15,870 cubic yards of impacted soil was removed from both areas and placed in an onsite landfarm. Sidewall samples showed contamination above non-residential soil RSKs. However, the contamination was found at depth and was determined to be part of the smear zone of seasonal groundwater fluctuations. No LNAPL was observed remaining in either excavation.

The land farm was maintained through turning the soil and periodic sampling for two years. In 2016, all 40 soil samples in the landfarm came back below non-residential RSKs and therefore the landfarm was closed. The soils were used for soil compaction in the new development on the western half of the property.

An Evaluation of Remedial Alternatives was submitted in 2016 that compared the feasibility, effectiveness, and cost of potential remedies to address the contamination. The report looked at the five AOCs identified in previous investigations. For the SB-8 and SB-110 areas four alternatives were assessed: 1) No action; 2) Engineering controls/containment and institutional controls; 3) Soil Vapor Extraction; 4) Soil excavation and disposal. Taking into consideration the IRMs already conducted at TMW-130 and MW-103A areas, only two alternatives were assessed: 1) No action; 2) Engineering controls/containment and institutional controls. The area around TMW-127 only has groundwater impacts and was assessed as part of site wide groundwater. For site wide groundwater five alternatives were assessed: 1) No action; 2) Institutional controls and long-term monitoring; 3) In-situ enhanced biodegradation; 4) In-situ chemical oxidation; 5) Groundwater extraction and treatment.

In 2013 a 7.5 acre portion of the property in the southeast corner of the site was sold and redeveloped. In 2016 the western half of the site was redeveloped. This redevelopment effectively acted as a cap to soils in the SB-8, SB-110, and MW-103A areas.

REMEDIAL PLAN: The 2013 and 2014 IRM excavations reduced soil and groundwater contamination in the TMW-130 and MW-103A areas. A Monitored Natural Attenuation (MNA) Evaluation

report and a Groundwater Plume Stability report completed during the Evaluation of Remedial Alternatives showed that the groundwater plume is stable and decreasing due to MNA. Soil contamination remaining on site is at depth. Further active source control measures for soil and groundwater do not appear warranted. The proposed remedial plan will include IRMs already performed, engineering controls, institutional controls, and long-term monitoring with contingencies for future remedial actions if monitoring results indicate significant increases in contaminant concentration and/or migration of the contaminant plume.

Specific requirements of the remedial plan include the following:

- (1) New monitoring wells will be installed off site to the southeast to delineate the downgradient extent of the groundwater plume.
- (2) Monitoring wells abandoned during site development will be replaced to meet the needs of the long-term groundwater monitoring program.
- (3) A long-term groundwater monitoring plan will be prepared and submitted to KDHE for approval. Once approved, groundwater monitoring will continue until the site meets Reclassification as identified by criteria outlined in BER Policy No. BER-RS-024 *Site Closure in the State Cooperative Program*, or other relevant KDHE Policy, regulation, or guidance using a monitoring consistent with BER Policy No. BER-RS-036 *Scope of Work for Site Monitoring*.
- (4) Groundwater monitoring results will be reviewed routinely to evaluate whether impacts are expanding or increasing in concentration and determine if additional monitoring wells and/or other modifications to the monitoring program are necessary to satisfy project objectives.
- (5) KDHE will review new information as it becomes available to evaluate whether the remedial plan protects human health and the environment. Monitoring data will continue to be evaluated by KDHE to determine if additional measures are necessary. These measures may include additional characterization, evaluation of remedial alternatives, and/or implementation of active remedial measures.

RECOMMENDATION: On the basis of information available in the Administrative Record and summarized above, KDHE recommends implementation of the proposed remedial plan.

**COMMUNITY
INVOLVEMENT:**

Public notice of the availability of the Draft Agency Decision Statement was published in the *Kansas City Star* on December 30, 2017. The Draft ADS was available for review at the Kansas City, Kansas Public Library from December 30, 2017 through January 14, 2018 to solicit written comments from the public. Through this process, the general public and other interested parties were given the opportunity to provide input on the

proposed corrective action strategy for the Site before the Agency Decision Statement was finalized. KDHE established a webpage dedicated to the General Motors Former Fairfax I Plant Site which made available the Draft ADS and other site documents. No comments were received during the comment period.

TABLES:

Table 1: Summary of GW Monitoring Results above Tier 2 RSK for S-8 Area
Table 2: Summary of GW Monitoring Results above Tier 2 RSK for SB-110 Area
Table 3: Summary of GW Monitoring Results above Tier 2 RSK for MW-103A Area
Table 4: Summary of GW Monitoring Results above Tier 2 RSK for TMW-130 Area
Table 5: Summary of GW Monitoring Results above Tier 2 RSK for TMW-127 Area
Table 6: Summary of Soil Results above Tier 2 RSK for S-8 Area
Table 7: Summary of Soil Results above Tier 2 RSK for SB-110 Area
Table 8: Summary of Soil Results above Tier 2 RSK for MW-103A Area Post IRM
Table 9: Summary of Soil Results above Tier 2 RSK for TMW-130 Area Post IRM

FIGURES:

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Shallow Monitoring wells
Figure 4 – Intermediate Monitoring Wells
Figure 5 – Deep Monitoring Wells
Figure 6 – S-8 Area Soil Analytical Data
Figure 7 – SB-110 Area Soil Analytical Data
Figure 8 – MW-103A Soil Analytical Data
Figure 9 – TMW-130 Area Soil Analytical Data

Table 1: Summary of Groundwater Monitoring Results above Tier 2 RSK for S-8 Area

		cis 1,2-DCE (mg/L)	PCE (mg/L)	TCE (mg/L)
Tier 2 Non-Residential Standard:		0.07	0.005	0.005
Sample Location:	Date:			
TMW -147E	10/11/2013	0.0841	0.0298	0.0323
TMW -147E	1/7/2014	0.0724	0.0201	0.0174
TMW -147E	4/10/2014	--	0.0413	0.0338
TMW -147E	7/16/2014	--	0.0253	0.0241
TMW -147E	10/7/2014	--	0.0169	0.0142
TMW -147E	1/13/2015	0.0731	0.0333	0.0271
TMW -147E	4/9/2015	0.0828	0.0219	0.0206
TMW -147E	7/7/2015	--	0.0429	0.0182

mg/l = milligrams per liter; cis 1,2-DCE = cis 1,2 dichloroethene
PCE = Tetrachloroethene; TCE = Trichloroethene

Table 2: Summary of Groundwater Monitoring Results above Tier 2 RSK for SB-110 Area

		PCE (mg/L)	TCE (mg/L)
Tier 2 Non-Residential Standard:		0.005	0.005
Sample Location:	Date:		
TMW -152	1/14/2015	0.0054	--
TMW -152	1/14/2015	0.0058	--
TMW -152	7/8/2015	0.0177	--
TMW -151	7/8/2015	--	0.0055

mg/l = milligrams per liter; PCE = Tetrachloroethene
TCE = Trichloroethene

Table 3: Summary of Groundwater Monitoring Results above Tier 2 RSK for MW-103A Area

		Naphthalene (mg/L)	VC (mg/L)	TPH-DRO (mg/L)
Tier 2 Non-Residential Standard:		0.00211	0.002	0.72
Sample Location:	Date:			
MW-105	4/8/2014	0.0037	--	--
TMW-157	4/8/2014	--	0.0028	--
TMW-157	4/9/2015	--	--	3.2
TMW-157	4/9/2015	--	--	3

mg/l = milligrams per liter; cis 1,2-DCE = cis 1,2 dichloroethene
VC = Vinyl Chloride; TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics

Table 4: Summary of Groundwater Monitoring Results above Tier 2 RSK for TMW-130 Area

		Benzene (mg/L)	TPH- DRO (mg/L)
Tier 2 Non-Residential Standard:		0.005	0.72
Sample Location:	Date:		
TMW -144	4/9/2014	--	0.79
TMW -144	4/9/2014	--	0.73
TMW -146	7/17/2014	0.0095	--
TMW -146	4/8/2014	--	1.3
TMW -146	4/7/2015	--	1.0

mg/l = milligrams per liter

TPH-DRO = Total Petroleum Hydrocarbons – Diesel Range Organics

Table 5: Summary of Groundwater Monitoring Results above Tier 2 RSK for TMW-127 Area

		Benzene (mg/L)	cis 1,2-DCE (mg/L)	TCE (mg/L)	VC (mg/L)
Tier 2 Non-Residential Standard:		0.005	0.07	0.005	0.002
Sample Location:	Date:				
MW-144B	10/10/2013	0.0061	0.453	--	0.04
MW-144B	4/10/2014	--	0.357	--	0.0342
MW-144B	7/16/2014	--	0.337	--	0.0387
MW-144B	10/8/2014	--	0.38	--	0.0308
MW-144B	4/8/2015	--	0.095	--	0.145
MW-144B	7/8/2015	--	0.236	--	0.0565
MW-146B	10/9/2013	--	--	--	0.0075
MW-146B	1/13/2014	--	--	--	0.0052
MW-146B	4/8/2014	--	--	--	0.0127
MW-146B	7/17/2014	--	--	--	0.0118
MW-146B	7/17/2014	--	--	--	0.0128
MW-146B	10/9/2014	--	--	--	0.0146
MW-146B	7/9/2015	--	--	--	0.0193
MW-146C	1/13/2014	--	--	--	0.0078
MW-146C	4/8/2014	--	--	--	0.0025
MW -156	10/10/2013	--	0.14	--	0.161
MW -156	1/10/2014	--	0.254	--	0.111
MW -156	1/10/2014	--	0.252	--	0.107
MW -156	4/10/2014	--	0.209	--	0.192

mg/l = milligrams per liter; cis 1,2-DCE = cis 1,2 dichloroethene

VC = Vinyl Chloride; TCE = Trichloroethene

Table 5: Summary of Groundwater Monitoring Results above Tier 2 RSK for TMW-127 Area (Cont.)

		Benzene (mg/L)	cis 1,2-DCE (mg/L)	TCE (mg/L)	VC (mg/L)
Tier 2 Non-Residential Standard:		0.005	0.07	0.005	0.002
Sample Location:	Date:				
MW -156	7/17/2014	--	0.155	--	0.157
MW -156	10/9/2014	--	0.181	--	0.153
MW -156	1/14/2015	--	0.177	--	0.131
MW -156	4/7/2015	--	0.157	--	0.149
MW -156	7/9/2015	--	0.195	--	0.122
MW -156C	4/7/2015	--	--	--	0.0053
MW -156C	7/9/2015	--	--	--	0.0046
TMW-127	10/10/2013	--	0.333	--	0.005
TMW-127	1/10/2014	--	0.377	--	0.0176
TMW-127	4/9/2014	--	0.409	--	0.0063
TMW-127	7/17/2014	--	0.298	--	0.0088
TMW-127	10/9/2014	--	0.308	--	0.0059
TMW-127	4/7/2015	--	0.37	--	0.0032
TMW-127	7/9/2015	--	0.762	--	0.0128
MW -158A	10/10/2013	--	0.269	--	0.0075
MW -158A	1/9/2014	--	0.545	0.0051	0.009
MW -158A	4/10/2014	--	1.48	--	0.0245
MW -158A	7/16/2014	--	0.175	--	0.0188
MW -158A	10/7/2014	--	0.19	--	0.0294
MW -158A	4/9/2015	--	0.816	--	0.0236
MW -158B	1/9/2014	--	--	--	0.0078
MW -158B	1/9/2014	--	--	--	0.0076
MW -158B	4/10/2014	--	--	--	0.0064
MW -158B	7/16/2014	--	--	--	0.0036
MW -158B	4/9/2015	--	--	--	0.0063
MW -158B	7/7/2015	--	--	--	0.0025
TMW -155	10/11/2013	0.0155	0.696	0.117	0.0095
TMW -155	1/8/2014	--	0.41	0.141	--
TMW -155	4/10/2014	--	0.534	0.0846	--
TMW -155	7/17/2014	--	0.841	0.103	0.0041
TMW -155	10/7/2014	--	0.902	0.114	0.0084
TMW -155	1/14/2015	--	0.655	0.102	0.0027
TMW -155	4/9/2015	--	0.857	0.0573	0.0068
TMW -155	7/7/2015	--	0.8	0.0551	0.0055

mg/l = milligrams per liter; cis 1,2-DCE = cis 1,2 dichloroethene
VC = Vinyl Chloride; TCE = Trichloroethene

Table 6: Summary of Soil Results above Tier 2 RSK for S-8 Area

		PCE (mg/kg)
Tier 2 Non-Residential Soil to GW:		0.121
Sample Location:	Date:	
S-8 (10 ft bgs)	8/19/1987	2.5
S-8 (15 ft bgs)	8/19/1987	0.76
S-8 (13.5 ft bgs)	2/12/2013	0.312
S-8 (15 ft bgs)	2/12/2013	0.126

mg/kg = milligrams per kilogram; GW = groundwater
PCE = Tetrachloroethene; bgs = below ground surface

Table 7: Summary of Soil Results above Tier 2 RSK for SB-110 Area

		PCE (mg/kg)
Tier 2 Non-Residential Soil to GW:		0.121
Sample Location:	Date:	
SB-110 (10-12 ft bgs)	12/20/2004	0.19
SB-119 (10-12 ft bgs)	12/15/2005	0.45
SB-121 (9-10 ft bgs)	12/20/2005	0.15

mg/kg = milligrams per kilogram; GW = groundwater
PCE = Tetrachloroethene; bgs = below ground surface

Table 8: Summary of Soil Results above Tier 2 RSK for MW-103A Area Post IRM

		1,2,4- Trimethyl benzene (mg/kg)	1,3,5- Trimethyl benzene (mg/kg)	Methy isobutyl ketone (mg/kg)	Benzene (mg/kg)	Bromo- methane (mg/kg)	Ethyl- benzene (mg/kg)	Naphthalene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	TPH-Gas (mg/kg)	Isopropyl benzene (mg/kg)
Tier 2 Non-Residential Soil to GW:		2.21	11.1	27.2	0.168	0.0947	65.6	0.659	51.2	809	79.3	140
Tier 2 Non-Residential Soil Pathway:		126	530	34800	28.2	14.6	145	64.7	29800	1410	450	5680
Sample Location:	Date:											
East Wall 15 ft bgs	1/8/2014	61.3	16.6	296	5.93	--	1240	175	8730	6420	18300	--
East Wall 20 ft bgs	1/17/2014	--	--	--	--	--	--	--	--	--	447	--
NE Corner 15 ft bgs	1/17/2014	565	127	--	--	--	--	7.53	--	--	9700	--
North Wall 12 ft bgs	1/8/2014	71	16.6	--	0.4	0.152	--	3.06	--	--	1380	--
SE Corner 15 ft bgs	1/17/2014	--	--	--	--	--	--	16.9	--	--	262	--
SW Trench-1 8 ft bgs	1/8/2014	20	--	--	--	0.178	--	17.3	--	--	1370	--
West Wall 10 ft bgs	1/17/2014	--	--	--	--	--	--	1.26	--	--	86.2	--
West Wall 12 ft bgs	1/8/2014	--	--	--	--	--	--	8.32	--	--	3880	329

Red = above soil RSK for direct contact

mg/kg = milligrams per kilogram

GW = groundwater

bgs = below ground surface

Table 9: Summary of Soil Results above Tier 2 RSK for TMW-130 Area Post IRM

		Naphthalene (mg/kg)	Diesel (mg/kg)	TPH- Gas (mg/kg)
Tier 2 Non-Residential Soil to GW:		0.659	7830	79.3
Tier 2 Non-Residential Soil Pathway:		64.7	20000	450
Sample Location:	Date:	--	--	--
1 (19 ft bgs)	1/28/2014	0.904	--	--
10 (9 ft bgs)	1/28/2014	35.5	8780	593
11 (19 ft bgs)	1/28/2014	35.3	5870	565
12 (9 ft bgs)	1/28/2014	93.3	17400	1730
13 (19 ft bgs)	1/28/2014	36.9	8930	1100
15 (19 ft bgs)	2/3/2014	41.9	12900	775
16 (9 ft bgs)	2/3/2014	69.8	12900	1580
17 (19 ft bgs)	2/8/2014	46	10500	688
19 (9 ft bgs)	2/8/2014	35.8	22300	1440
20 (9 ft bgs)	2/8/2014	10.4	25400	467
22 (9 ft bgs)	2/8/2014	18	--	652
23 (19 ft bgs)	2/8/2014	12.6	--	855
29 (19 ft bgs)	2/10/2014	17.5	--	485
31 (9 ft bgs)	2/14/2014	3.28	--	971
32 (9 ft bgs)	2/14/2014	1.59	--	--
5 (19 ft bgs)	1/28/2014	18.8	14000	1500
7 (19 ft bgs)	1/28/2014	23.7	7850	855
9 (19 ft bgs)	1/28/2014	25.8	8230	775
South (19 ft bgs)	1/27/2014	30.2	10100	583
Southeast (19 ft bgs)	1/27/2014	19.8	--	702

Red = above soil RSK for direct contact;

mg/kg = milligrams per kilogram

GW = groundwater

bgs = below ground surface

AGENCY APPROVAL:



Bob Jurgens
Deputy Director, Bureau of Environmental Remediation

1/26/18

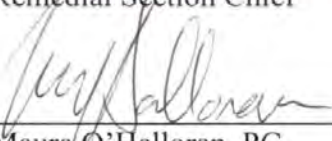
Date



Randy Carlson, PG
Remedial Section Chief

1/26/18

Date



Maura O'Halloran, PG
Site Restoration Unit Manager

1-26-18

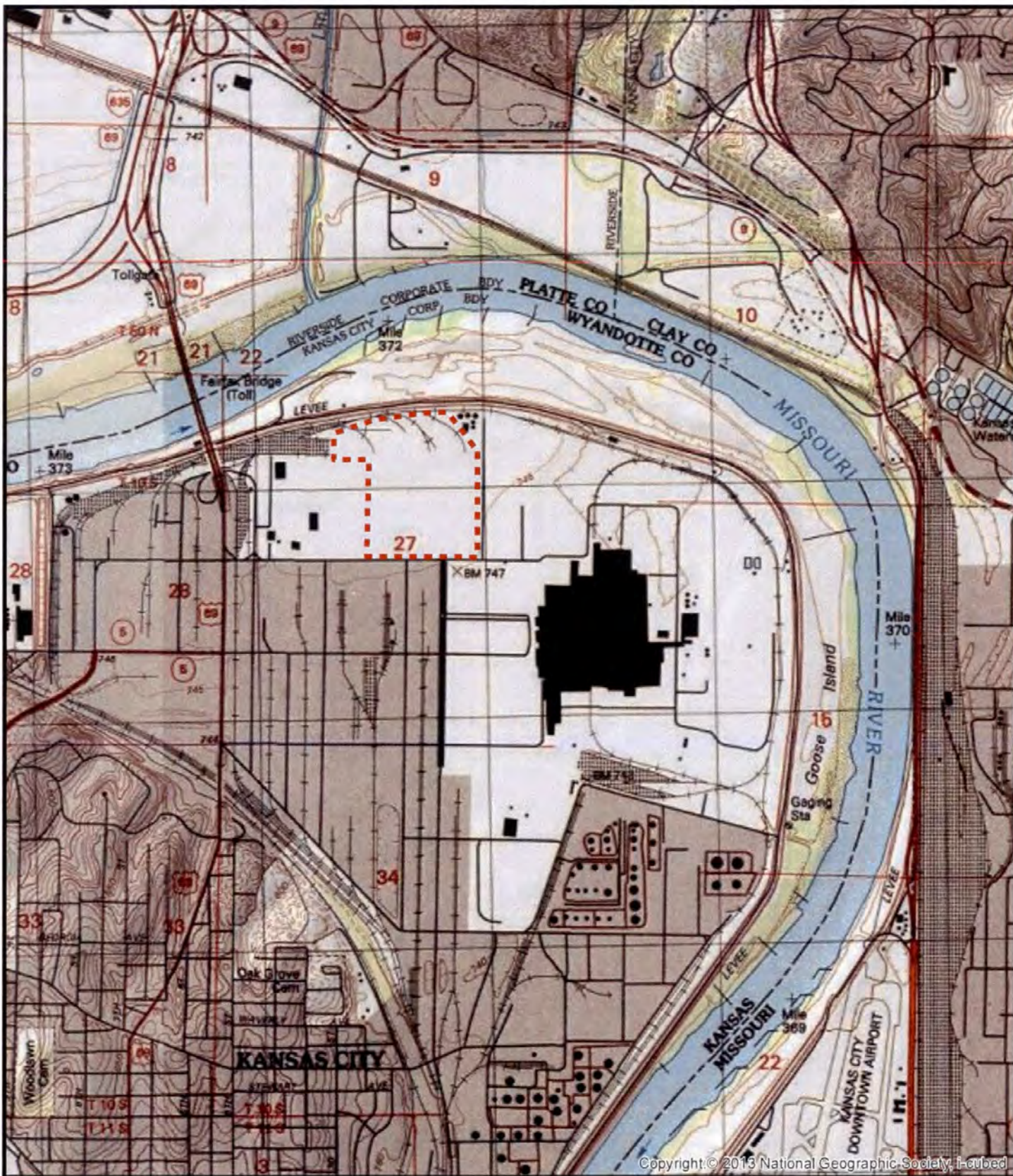
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Scott Williamson, PG
Site Project Manager

1-24-18

Date



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Legend Former Fairfax 1 Plant Site 0 1,625 3,250 6,500 Feet N ↑		 Kansas Department of Health and Environment		SITE: General Motors Former Fairfax 1 Plant Kansas City, Kansas TITLE: Figure 1 <table border="1" data-bbox="982 1921 1519 2016"> <tr> <td>PROJECT PHASE:</td> <td>Agency Decision Statement</td> </tr> <tr> <td>DRAWN BY:</td> <td>SS</td> </tr> <tr> <td>CHECKED BY:</td> <td>SW</td> </tr> <tr> <td>DATE:</td> <td>9/5/2017</td> </tr> <tr> <td>BASEMAP DATE:</td> <td>2013</td> </tr> <tr> <td></td> <td>Sec. 27, T10S, R25E</td> </tr> </table>		PROJECT PHASE:	Agency Decision Statement	DRAWN BY:	SS	CHECKED BY:	SW	DATE:	9/5/2017	BASEMAP DATE:	2013		Sec. 27, T10S, R25E
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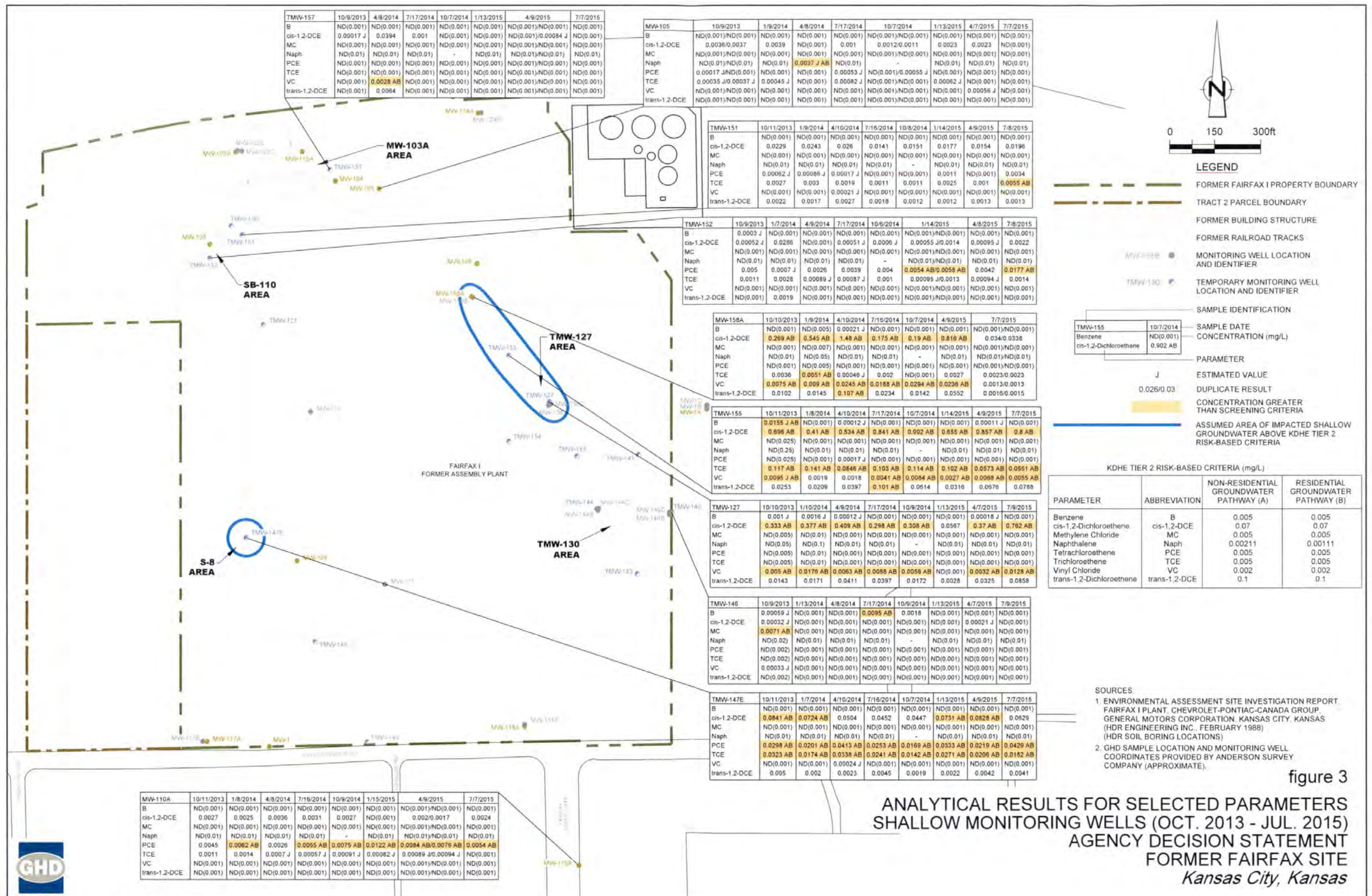


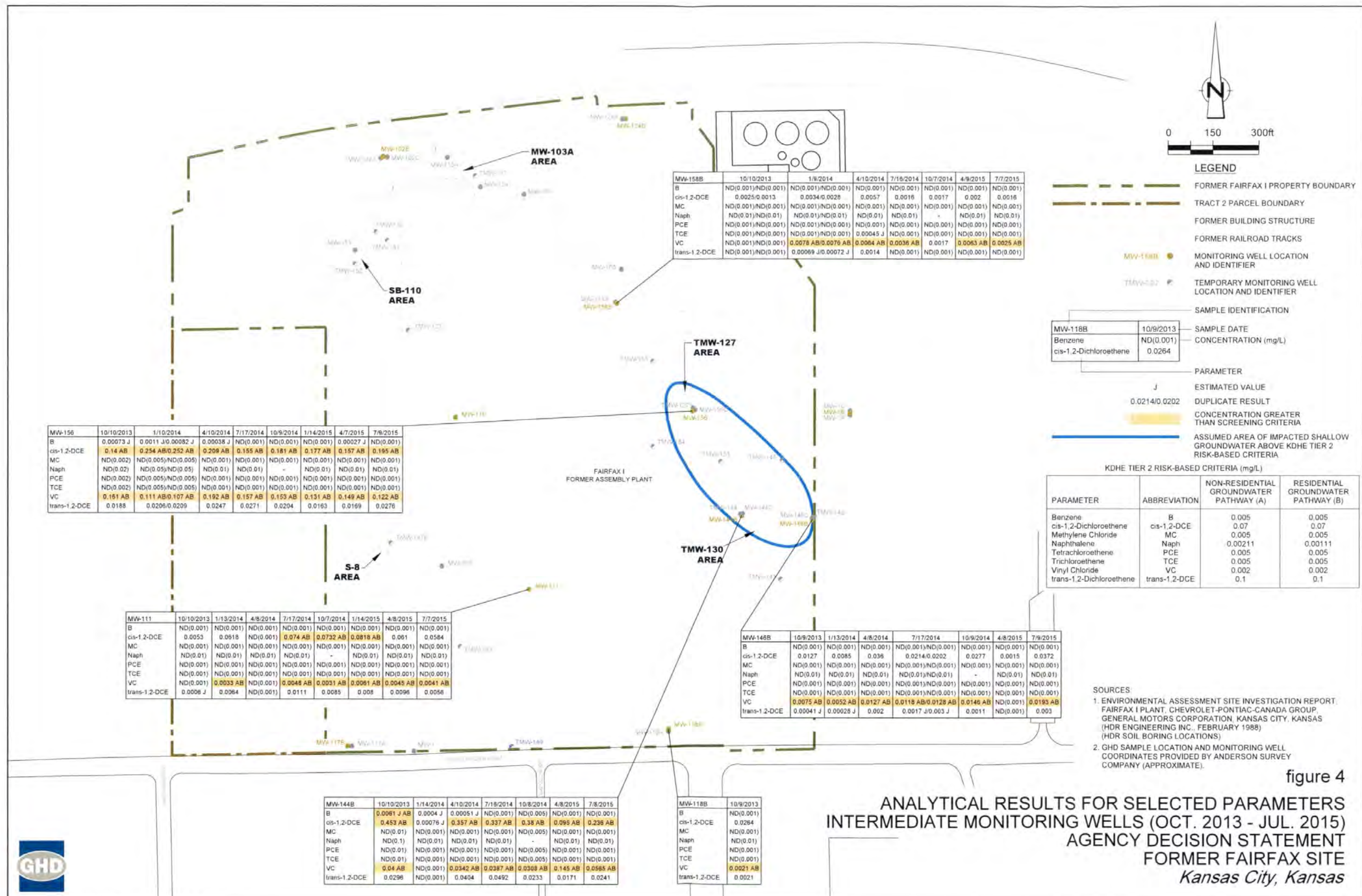
SOURCES:

1. ENVIRONMENTAL ASSESSMENT SITE INVESTIGATION REPORT, FAIRFAX I PLANT, CHEVROLET-PONTIAC-CANADA GROUP, GENERAL MOTORS CORPORATION, KANSAS CITY, KANSAS (HDR ENGINEERING INC., FEBRUARY 1988) (HDR SOIL BORING LOCATIONS)
2. AERIAL IMAGE: USGS, 2002.

figure 2
SITE PLAN
AGENCY DECISION STATEMENT
FORMER FAIRFAX I SITE
Kansas City, Kansas







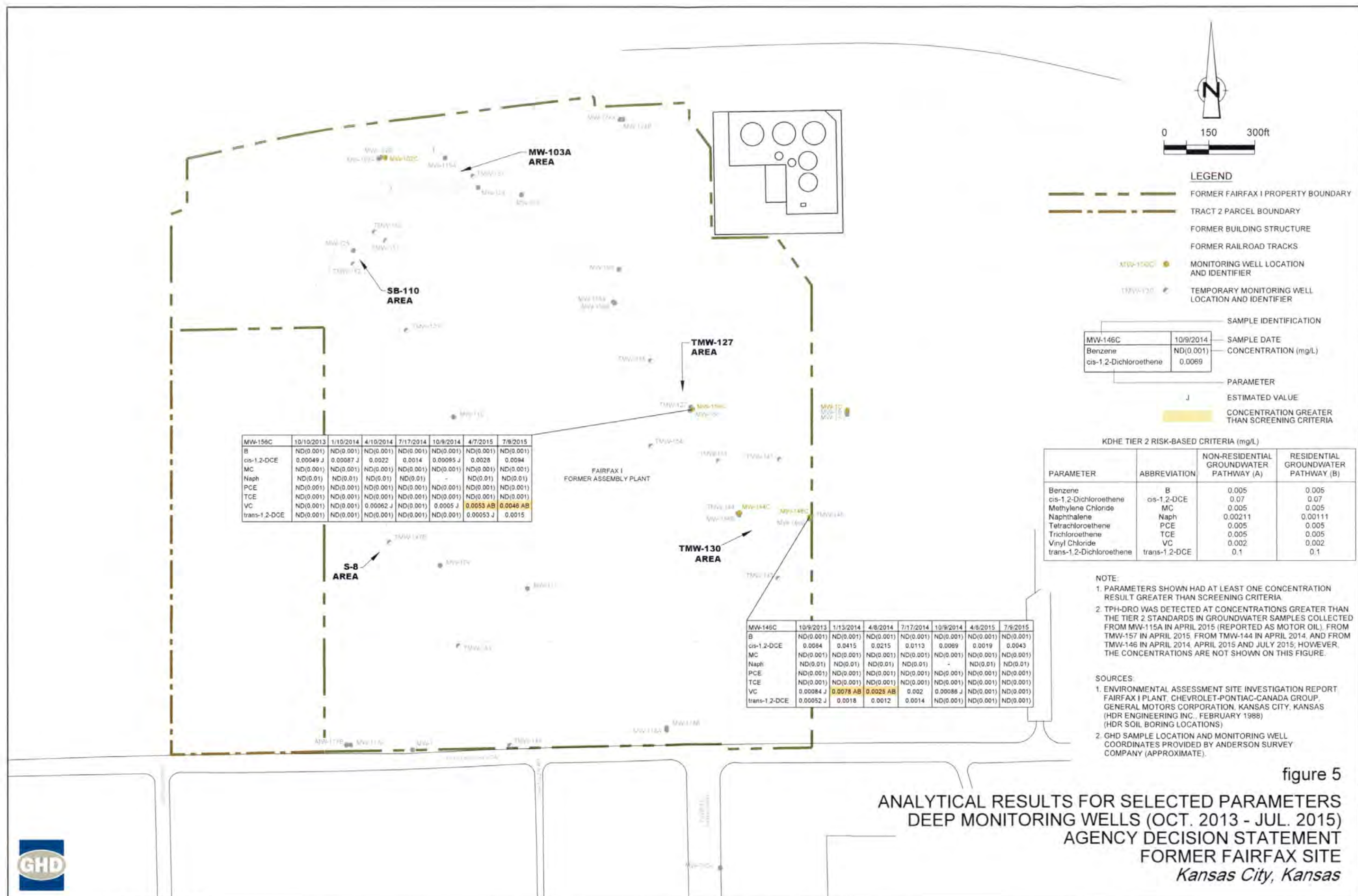
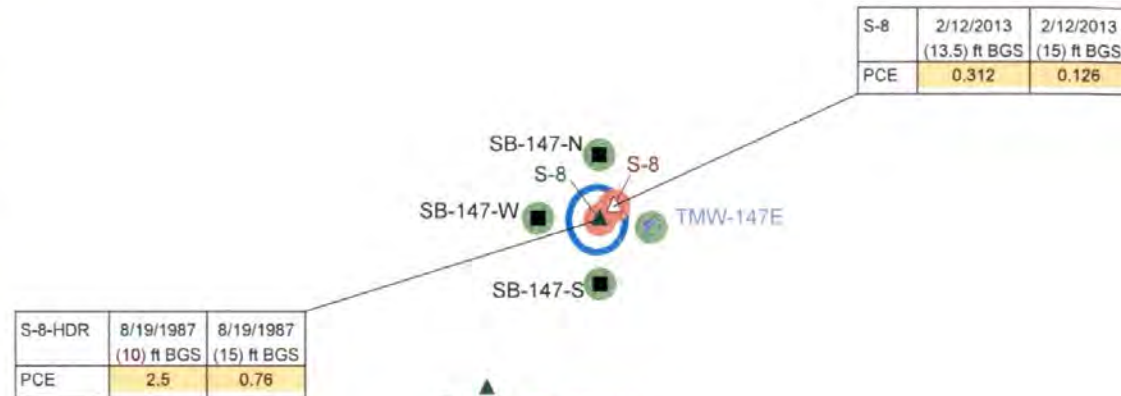
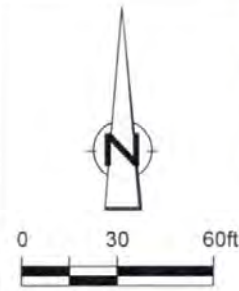


figure 5
ANALYTICAL RESULTS FOR SELECTED PARAMETERS
DEEP MONITORING WELLS (OCT. 2013 - JUL. 2015)
AGENCY DECISION STATEMENT
FORMER FAIRFAX SITE
Kansas City, Kansas



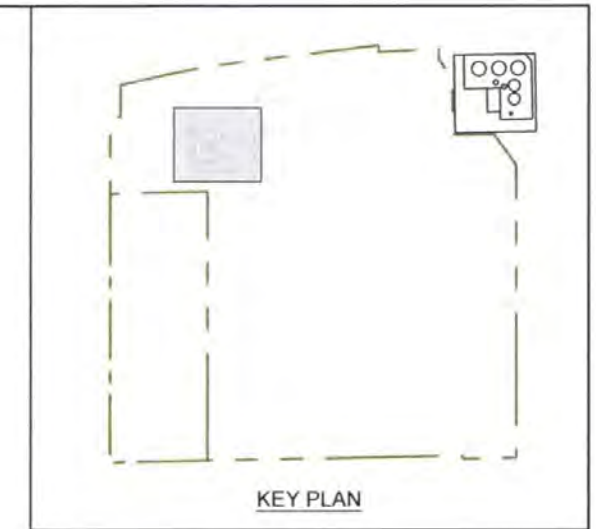
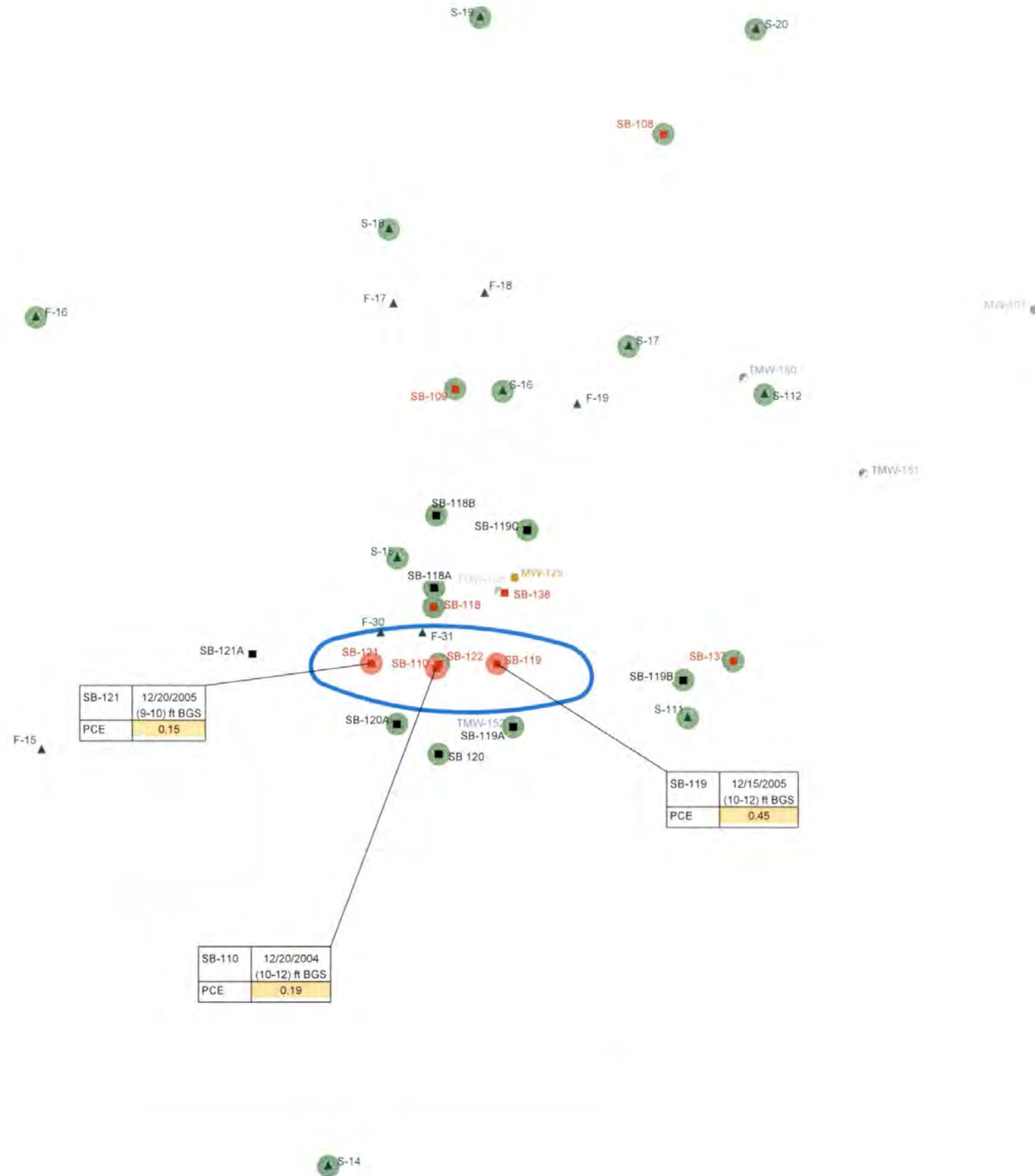
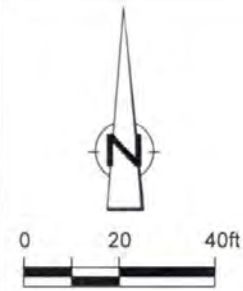


KDHE TIER 2 RISK-BASED CRITERIA (mg/kg)					
PARAMETER	ABBREV.	NON-RESIDENTIAL		RESIDENTIAL	
		SOIL PATHWAY	SOIL TO GW	SOIL PATHWAY	SOIL TO GW
Tetrachloroethene	PCE	210	0.121	109	0.121

S-110 ▲



figure 6
S-8 AREA - SOIL ANALYTICAL DATA
AGENCY DECISION STATEMENT
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Kansas City, Kansas



KDHE TIER 2 RISK-BASED CRITERIA (mg/kg)					
PARAMETER	ABBREV.	NON-RESIDENTIAL		RESIDENTIAL	
		SOIL PATHWAY	SOIL TO GW	SOIL PATHWAY	SOIL TO GW
Tetrachloroethene	PCE	210	0.121	109	0.121

figure 7
SB-110 AREA - SOIL ANALYTICAL DATA
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