CITY OF HOUSTON

PUBLIC WORKS AND ENGINEERING
PLANNING & DEVELOPMENT DIVISION

EXECUTIVE SUMMARY

The Flex Tanks Systems, LLC (Flex Tank) facility designated property, (also referred to as the *"Site"*) is located in Channelview, Harris County, Texas. The property address is 16514 De Zavalla Road, Channelview, Texas 77530. The Flex Tank facility consists of two tracts of land that collectively total 20.246 acres in size, of which 6.76 acres consist of the designated property referred to herein. The designated property is bordered to the west by commercial/industrial property owned by Solar Turbines, to the north by De Zavalla Road, to the east by undeveloped property owned by American Commercial Barge Line Houston Fleet, and to the south by Carpenters Bayou. The designated property is located approximately 0.6 miles upstream from the confluence of Carpenters Bayou and the Houston Ship Channel.

The designated property is located in an area of mixed rural and commercial/industrial use. The designated property was originally developed in 1981 as a bulk transport truck loading facility. From 1983 to 1994, Koch Refining Co. owned and operated an unleaded gasoline distribution facility on the designated property. Currently, a petroleum processing terminal is operated at the designated property.

Since 1989, numerous site investigations have been conducted at the designated property to delineate the horizontal and vertical extents of contaminants of concern (COCs) present in environmental media. COCs have been identified in the shallow groundwater-bearing unit (GWBU) above the Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program (TRRP) residential protective concentration levels (PCL) for ingestion of groundwater beneath the designated property. The COCs include benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary butyl ether (MTBE); total petroleum hydrocarbons (TPH); and total lead. COCs have resulted from identified sources within the designated property that include two documented gasoline fuel spills. A release from an underground supply line at the truck rack (near the dispenser islands) was discovered in July 1989. Estimates of the quantity of fuel released ranged from 50,000 to 200,000 gallons; however, this was never confirmed. A fuel release from Tank 101 was reported to the TCEQ in August 1993. As a result of these releases, two phase-separated hydrocarbon (PSH) plumes are present beneath the designated property; one plume is located beneath the dispenser island area, and the other plume is located beneath the tank farm area.

CITY OF HOUSTON

PUBLIC WORKS AND ENGINEERING
PLANNING & DEVELOPMENT DIVISION

EXECUTIVE SUMMARY (cont.)

In May 2003, a PSH collection trench system with four extraction wells was installed in the shallow GWBU beneath the designated property. It is estimated that approximately 11,400 gallons of PSH have been recovered from the collection trenches between August 2003 and March 2009.

Based on the groundwater monitoring conducted from 2001 to 2009, the following conclusions have been drawn for the designated property:

- The groundwater in the shallow GWBU has been shown to flow consistently to the south-southeast across the site.
- The shallow GWBU exists from 5 to 11 feet below ground surface (ft bgs) and is classified as a Class 2 water resource.
- The dissolved COCs (BTEX and MTBE) have not migrated significantly beyond the perimeters of the PSH plumes.
- Observed PSH thicknesses within the plume area range from <0.01 to 1.4 ft in February 2009. Although two PSH plumes continue to be present, the overall size of the plumes and associated thicknesses have been reduced due to ongoing PSH recovery efforts from the collection trenches.
- ***By implementing a Municipal Settings Designation (MSD), COC concentrations at the designated property will not exceed the TRRP residential non-ingestion PCLs.***

Channelview is a census-designated community located in eastern Harris County and is within the City of Houston's extraterritorial jurisdiction (ETJ). There are no municipalities located within a ½-mile radius of the property other than the City of Houston. In addition to the City of Houston, the cities of Baytown, Pasadena, Deer Park, and La Porte are located within a 5-mile radius of the site.

The applicant's current plan for the site is to obtain groundwater closure under the TCEQ Voluntary Cleanup Program (VCP) following MSD approval from the City of Houston and the TCEQ.

Appendix B

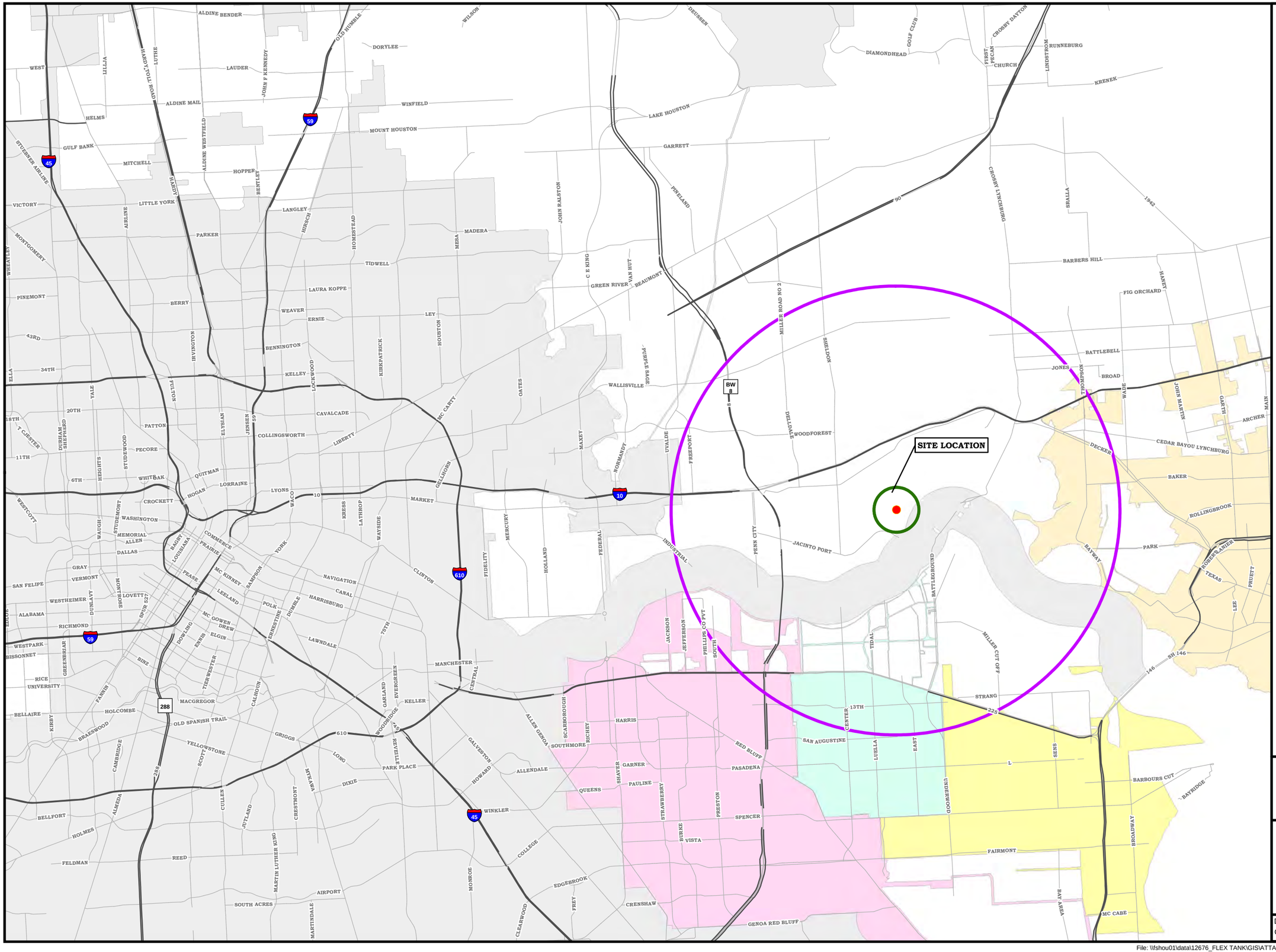
(TCEQ MSD Reference No. 1,2,& 4)

A site map showing:

a. *The location of the designated property.*
b. *The topography of the designated property as indicated on publicly available sources, which must note the watershed and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code.*
c. *The detected area of groundwater contamination.*
d. *The location of all soil sampling locations and all groundwater monitoring wells.*
e. *Groundwater gradients, to the extent known, and direction of groundwater flow.*
f. *The ingestion protective concentration level exceedance zone (PCLE) for each contaminant of concern, to the extent known.*

<u>Attached Figures</u>

Figure 1-1: Site Location Map
Figure 1-2: Potential Receptors Map
Figure 2-1: Topography Map
Figure 2-2: FEMA Map
Figure 3-1: Detected Groundwater Contamination – Site Layout
Figure 3-2: Detected Groundwater Contamination – Site Aerial
Figure 4: Monitor Well Location Map
Figure 5: Potentiometric Surface Map
Figure 6: Groundwater PCLE Zone – BTEX
Figure 7: Groundwater PCLE Zone – MTBE
Figure 8: Groundwater PCLE Zone – Lead
Figure 9: Groundwater PCLE Zone – TPH



LEGEND

- SITE LOCATION
- 0.5 MILE RADIUS
- 5 MILE RADIUS
- CITY OF BAYTOWN
- CITY OF HOUSTON
- CITY OF PASADENA
- CITY OF DEER PARK
- CITY OF LA PORTE

N

0 2 4

SCALE IN MILES

SOURCE: COHGIS, HGAC

WESTON SOLUTIONS

FIGURE 1-1
SITE LOCATION MAP
FLEX TANK SYSTEMS INC.
16514 DE ZAVALLA ROAD
CHANNELVIEW,
HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
OCT. 2009	12676.001.003.0180	AS SHOWN

File: \\fshou01\data\12676_FLEX TANK\GIS\ATTACHMENT-1_SITE_LOCATION_11x17_MAP..mxd, 14-Oct-09 11:26, sulaimat

0 900 1,800

SCALE IN FEET

LEGEND

- HALF MILE RAIDUS
- SITE BOUNDARY
- RESIDENTIAL
- COMMERCIAL
- OTHERS, VACANT ETC

SOURCE: CITY OF HOUSTON, HARRIS COUNTY APPRAISAL DISTRICT (HCAD)

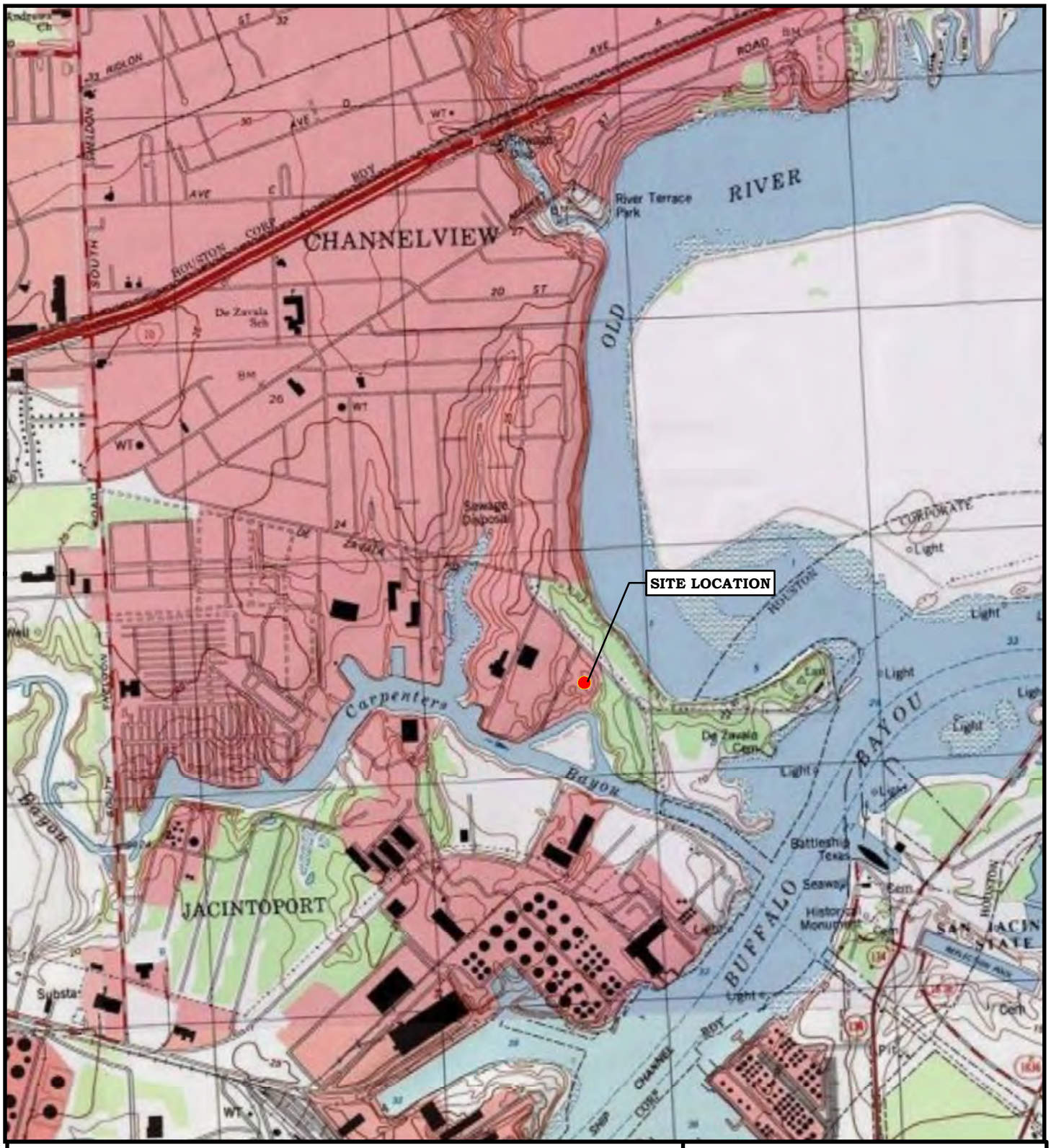
N

WESTON SOLUTIONS

FIGURE 1-2
POTENTIAL RECEPTORS MAP
MUNICIPAL SETTING DESIGNATION
FLEX TANK SYSTEMS INC.
16514 DE ZAVALLA ROAD
CHANNELVIEW,
HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
SEPT 2009	12676.001.003.0180	AS SHOWN

File: \\fshou01\data\12676_FLEX TANK\GIS\FIG-1-2_POTENTIAL_RECEPTORS_MAP.mxd, 21-Oct-09 11:32, sulaimat



0 2,000 4,000

SCALE IN FEET

N

LEGEND

● SITE LOCATION

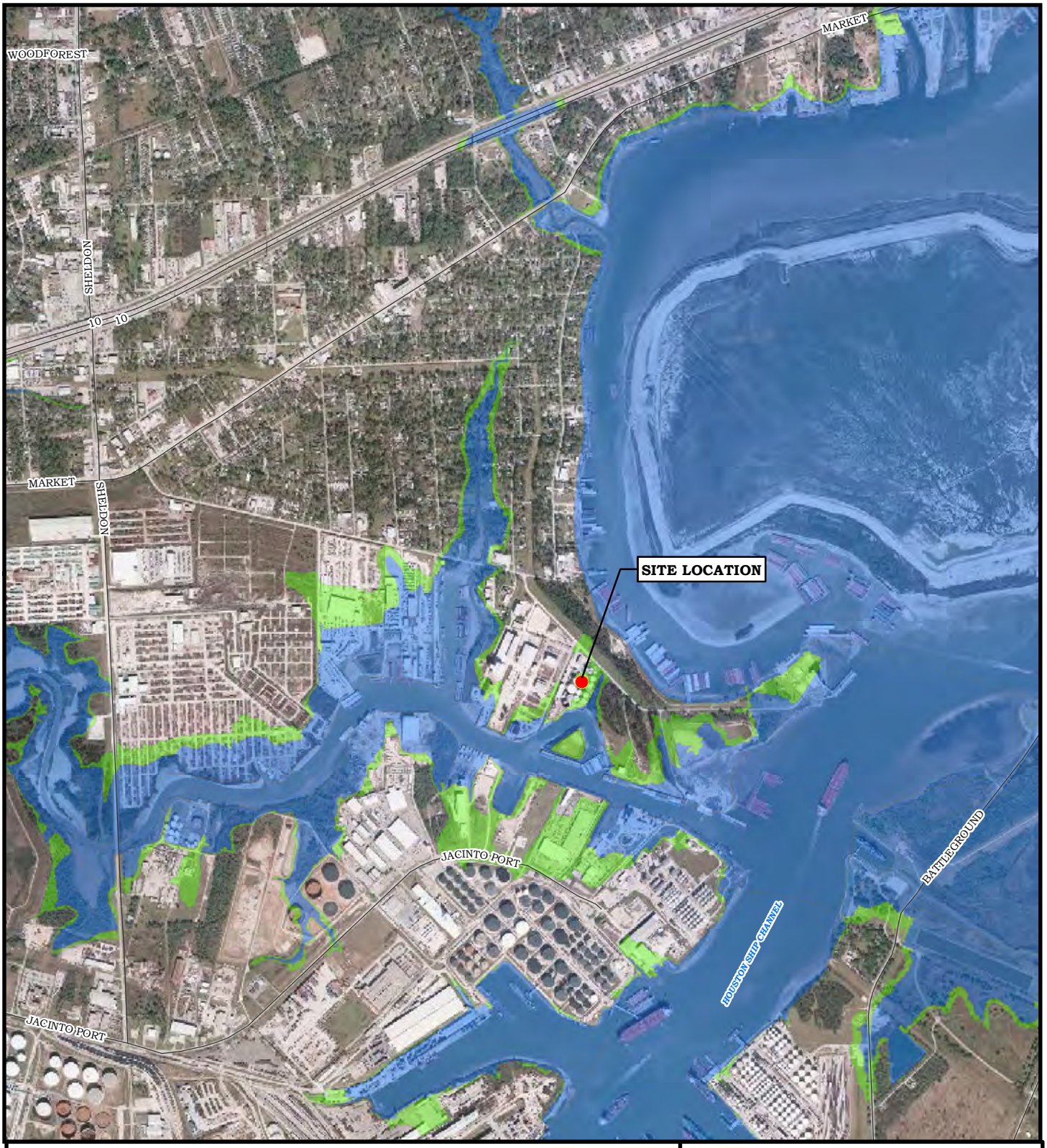
SOURCE: CITY OF HOUSTON, HARRIS COUNTY APPRAISAL DISTRICT (HCAD)

WESTON SOLUTIONS

FIGURE 2-1
TOPOGRAPHIC MAP
MUNICIPAL SETTING DESIGNATION
FLEX TANK SYSTEMS INC.
16514 DE ZAVALLA ROAD
CHANNELVIEW,
HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
OCT. 2009	12676.001.003.0180	AS SHOWN

File: \\fshou01\data\12676_FLEX TANK\GIS\FIG-2-1_TOPO_MAP.mxd, 15-Oct-09 14:47, sulaimat



0 2,000 4,000

SCALE IN FEET

N

LEGEND

- SITE LOCATION
- 100 YEAR
- 500 YEAR

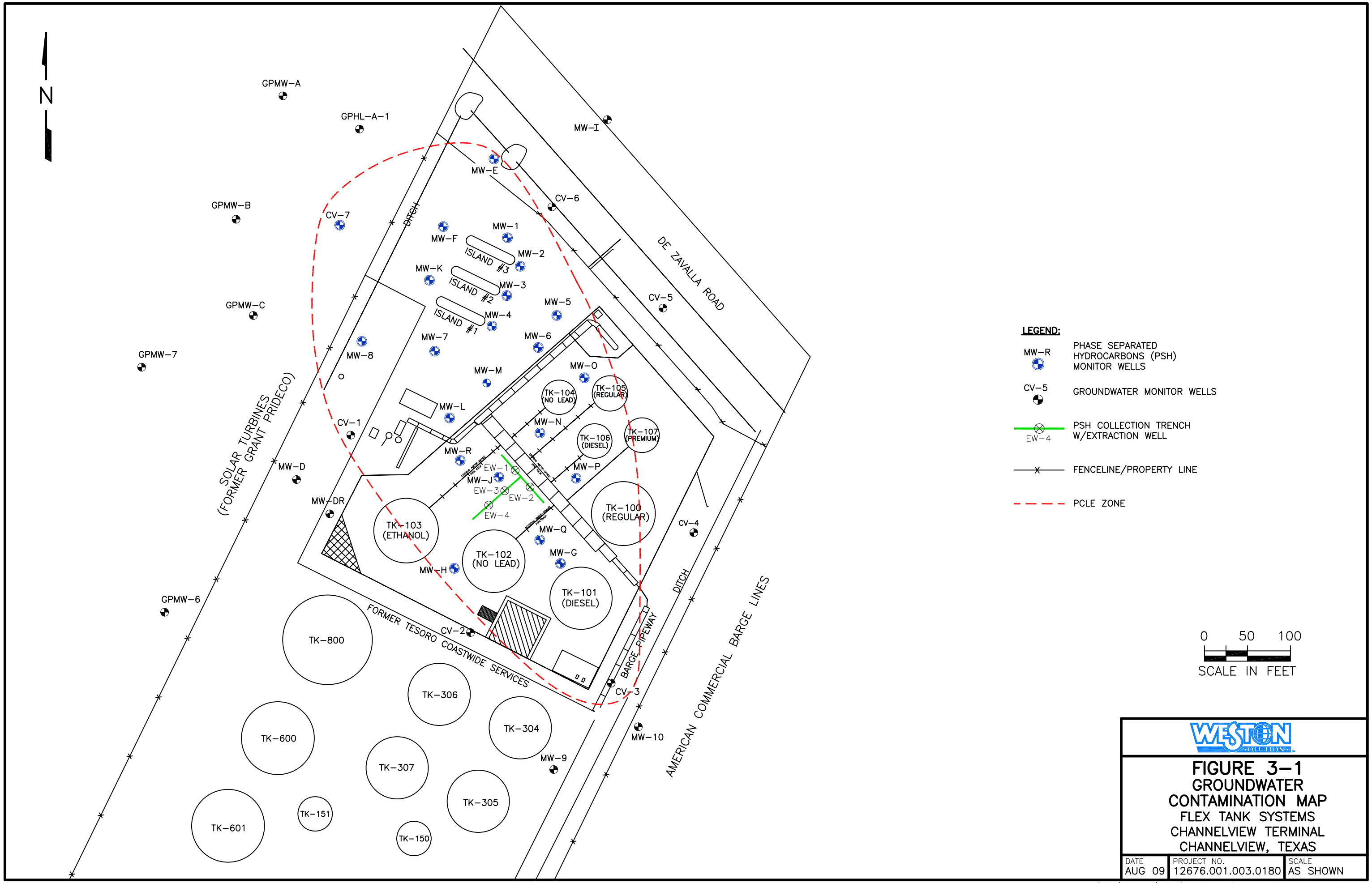
SOURCE: CITY OF HOUSTON, HARRIS COUNTY APPRAISAL DISTRICT (HCAD)

WESTON SOLUTIONS

FIGURE 2-2
FEMA DATA MAP
MUNICIPAL SETTING DESIGNATION
FLEX TANK SYSTEMS INC.
16514 DE ZAVALLA ROAD
CHANNELVIEW,
HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
OCT. 2009	12676.001.003.0180	AS SHOWN

File: \\fshou01\data\12676_FLEX TANK\GIS\FIG-2-2_FEMA_MAP.mxd, 15-Oct-09 14:47, sulaimat



WESTON SOLUTIONS

FIGURE 3-1
GROUNDWATER CONTAMINATION MAP
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS

DATE	PROJECT NO.	SCALE
AUG 09	12676.001.003.0180	AS SHOWN

H:\Dwg\Flextank\APAR\0813091142.dwg Oct 21, 2009 – 11:11am

0 300 600

SCALE IN FEET

LEGEND

SITE BOUNDARY

PCLE ZONE

N

SOURCE: CITY OF HOUSTON, HARRIS COUNTY APPRAISAL DISTRICT (HCAD)

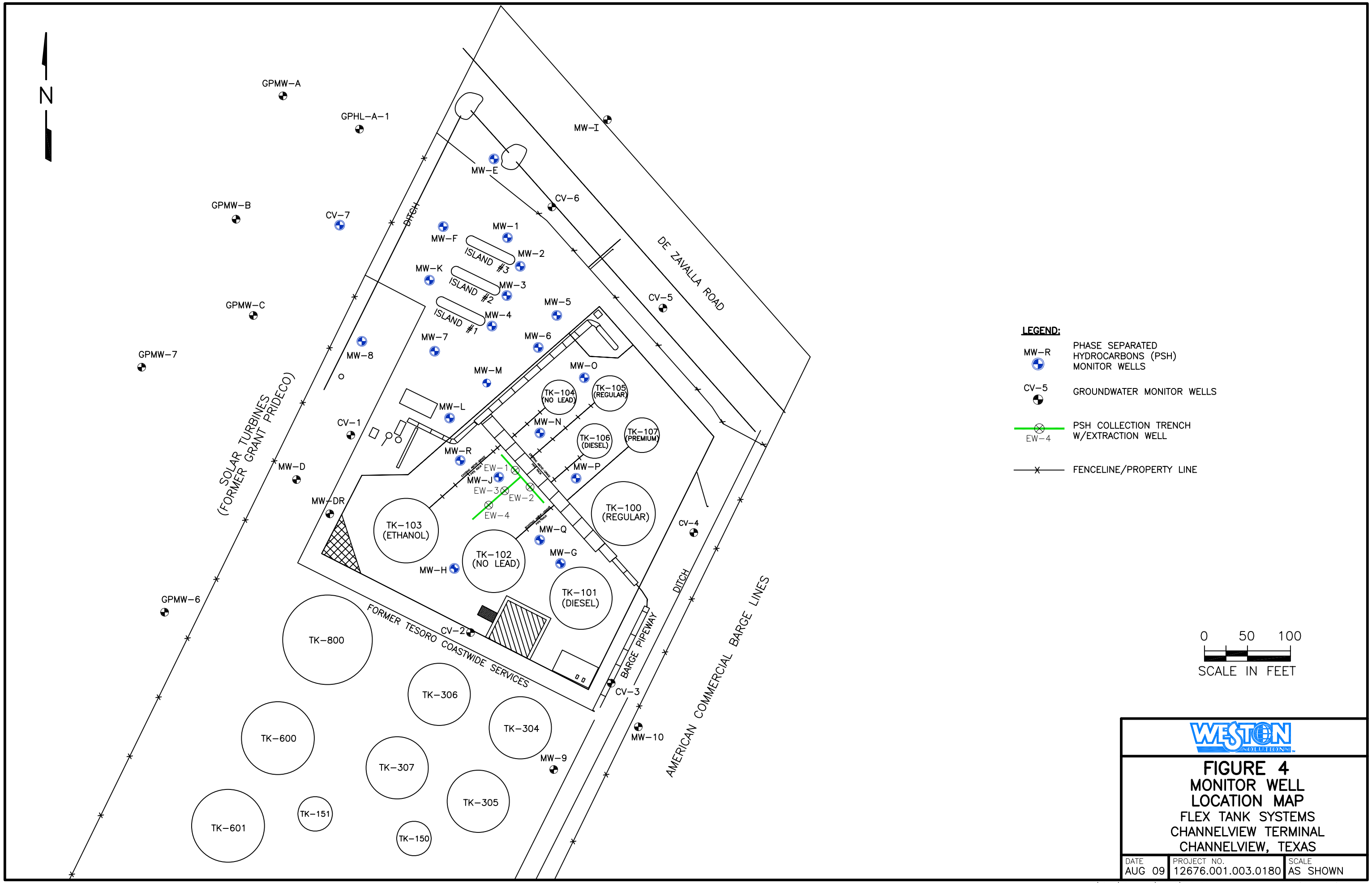
WESTON SOLUTIONS

FIGURE 3-2

GROUNDWATER CONTAMINATION MAP
MUNICIPAL SETTING DESIGNATION
FLEX TANK SYSTEMS INC.
16514 DE ZAVALLA ROAD
CHANNELVIEW,
HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
OCT. 2009	12676.001.003.0180	AS SHOWN

File: \\fshou01\data\12676_FLEX TANK\GIS\FIG-3-2_GW_CONTAMINATION_MAP.mxd, 15-Oct-09 14:47, sulaimat



WESTON SOLUTIONS

FIGURE 4
MONITOR WELL LOCATION MAP
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS

DATE	PROJECT NO.	SCALE
AUG 09	12676.001.003.0180	AS SHOWN

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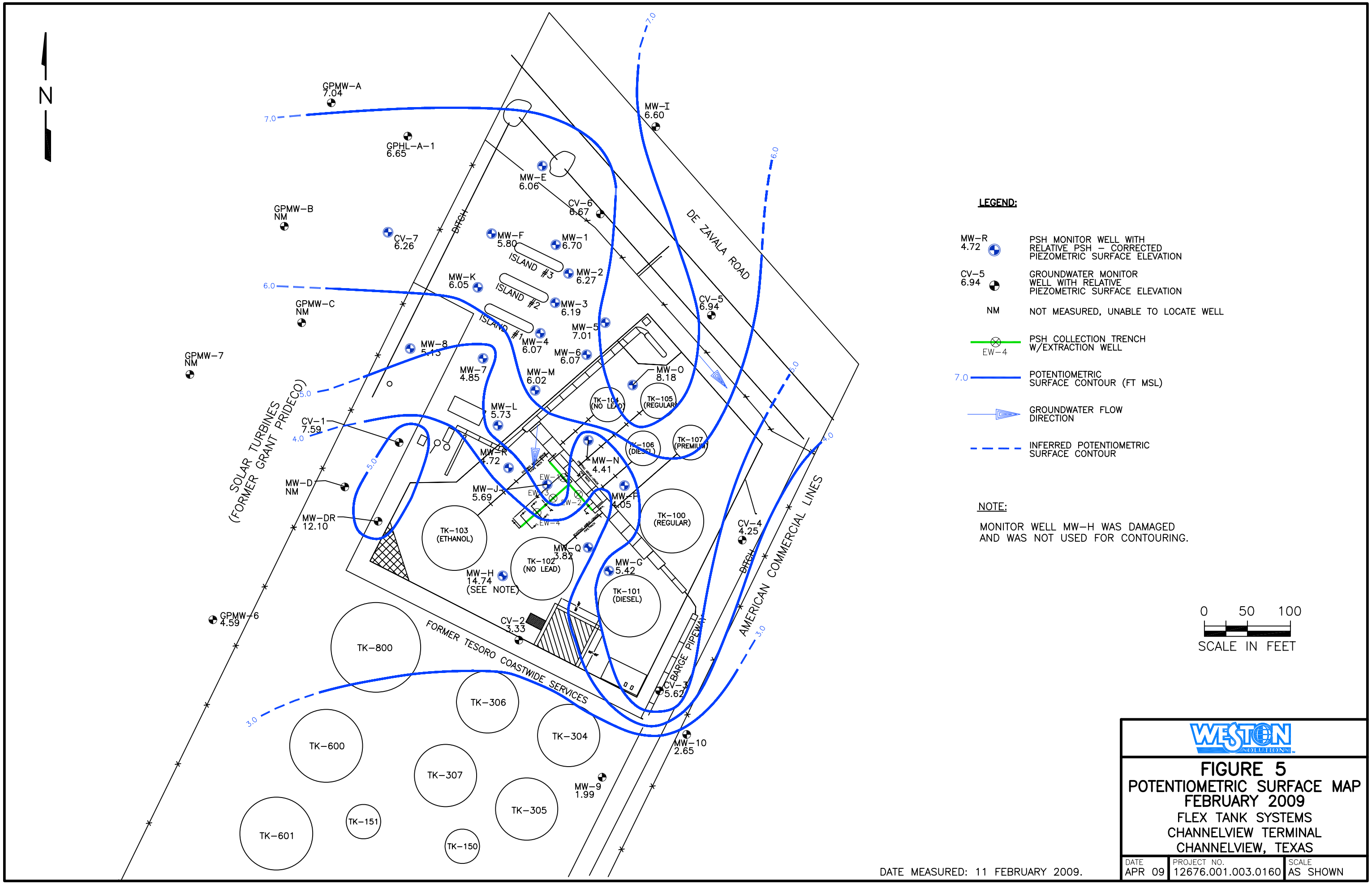
N
GPMW-A
7.04
GPHL-A-1
6.65
GPMW-B
NM
CV-7
6.26
GPMW-C
NM
GPMW-7
NM
MW-E
6.06
CV-6
6.67
MW-I
6.60
DE ZAVALA ROAD
DITCH
MW-F
5.80
MW-1
6.70
ISLAND #3
MW-2
6.27
MW-K
6.05
ISLAND #2
MW-3
6.19
ISLAND #1
MW-4
6.07
MW-5
7.01
MW-6
6.07
CV-5
6.94
MW-8
5.13
MW-7
4.85
MW-M
6.02
MW-O
8.18
TK-104
(NO LEAD)
TK-105
(REGULAR)
MW-L
5.73
CV-1
7.59
SOLAR TURBINES
(FORMER GRANT PRIDECO)
MW-R
4.72
TK-106
(DIESEL)
TK-107
(PREMIUM)
MW-N
4.41
MW-D
NM
MW-J
5.69
MW-P
4.05
MW-DR
12.10
TK-103
(ETHANOL)
TK-100
(REGULAR)
CV-4
4.25
MW-Q
3.82
TK-102
(NO LEAD)
MW-G
5.42
MW-H
14.74
(SEE NOTE)
TK-101
(DIESEL)
AMERICAN COMMERCIAL LINES
DITCH
GPMW-6
4.59
CV-2
3.33
FORMER TESORO COASTWIDE SERVICES
BARGE PIPEWAY
CV-3
5.62
TK-800
TK-306
TK-304
MW-10
2.65
TK-600
TK-307
MW-9
1.99
TK-305
TK-601
TK-151
TK-150
7.0
6.0
5.0
4.0
3.0
LEGEND:
MW-R
4.72
PSH MONITOR WELL WITH RELATIVE PSH – CORRECTED PIEZOMETRIC SURFACE ELEVATION
CV-5
6.94
GROUNDWATER MONITOR WELL WITH RELATIVE PIEZOMETRIC SURFACE ELEVATION
NM
NOT MEASURED, UNABLE TO LOCATE WELL
EW-4
PSH COLLECTION TRENCH W/EXTRACTION WELL
7.0
POTENTIOMETRIC SURFACE CONTOUR (FT MSL)
GROUNDWATER FLOW DIRECTION
INFERRED POTENTIOMETRIC SURFACE CONTOUR
NOTE:
MONITOR WELL MW-H WAS DAMAGED AND WAS NOT USED FOR CONTOURING.
0 50 100
SCALE IN FEET
DATE MEASURED: 11 FEBRUARY 2009.
WESTON SOLUTIONS
FIGURE 5
POTENTIOMETRIC SURFACE MAP
FEBRUARY 2009
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS
DATE APR 09
PROJECT NO. 12676.001.003.0160
SCALE AS SHOWN
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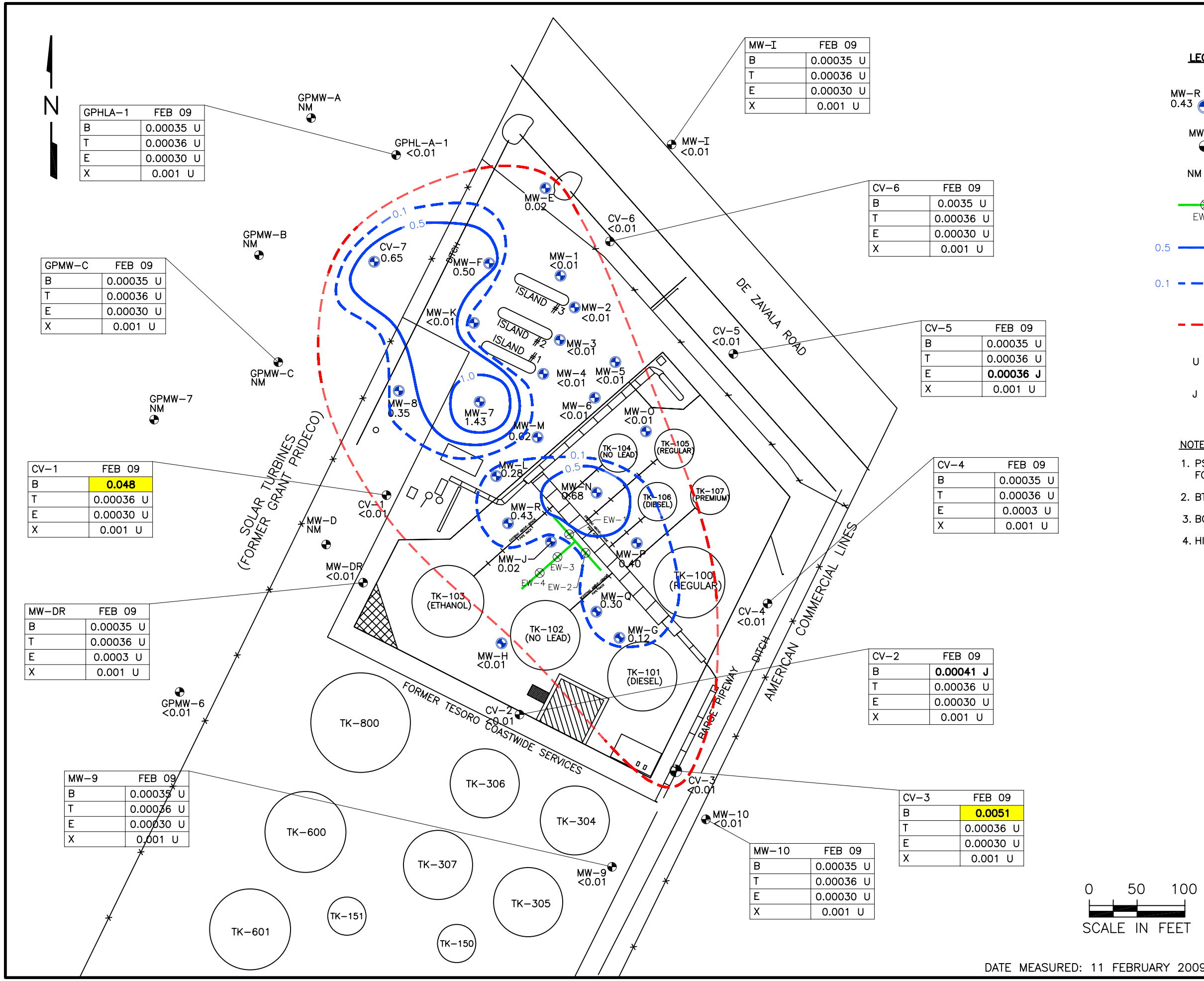

GPHLA-1	FEB 09
B	0.00035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

GPMW-C	FEB 09
B	0.00035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

CV-1	FEB 09
B	**0.048**
T	0.00036 U
E	0.00030 U
X	0.001 U

MW-DR	FEB 09
B	0.00035 U
T	0.00036 U
E	0.0003 U
X	0.001 U

MW-9	FEB 09
B	0.00035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

MW-I	FEB 09
B	0.00035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

CV-6	FEB 09
B	0.0035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

CV-5	FEB 09
B	0.00035 U
T	0.00036 U
E	**0.00036 J**
X	0.001 U

CV-4	FEB 09
B	0.00035 U
T	0.00036 U
E	0.0003 U
X	0.001 U

CV-2	FEB 09
B	**0.00041 J**
T	0.00036 U
E	0.00030 U
X	0.001 U

CV-3	FEB 09
B	**0.0051**
T	0.00036 U
E	0.00030 U
X	0.001 U

MW-10	FEB 09
B	0.00035 U
T	0.00036 U
E	0.00030 U
X	0.001 U

LEGEND:

MW-R 0.43	PSH MONITOR WELL WITH PSH THICKNESS IN FEET
MW-1	GROUNDWATER MONITOR WELL
NM	NOT MEASURED
EW-4	PSH COLLECTION TRENCH W/EXTRACTION WELL
0.5	PSH CONTOUR, PSH THICKNESS IN FEET
0.1	ESTIMATED EXTENT OF PSH PLUME, PSH THICKNESS IN FEET
	ESTIMATED EXTENT OF AFFECTED SHALLOW GROUNDWATER BEARING ZONE
U	NOT REPORTED ABOVE SAMPLE QUANTITATION LIMIT (SQL)
J	ESTIMATED VALUE ABOVE SQL

NOTES:

1. PSH LEVELS SHOWN WERE RECORDED FOLLOWING BAILDOWN TESTS.
2. BTEX CONCENTRATIONS SHOWN ARE IN mg/L.
3. BOLD INDICATES REPORTED CONCENTRATIONS.
4. HIGHLIGHTED CONCENTRATIONS EXCEED TIER I $^{GW}GW_{ING}$ PCLs.

DISSOLVED CONCENTRATIONS OF COCs IN mg/L

(B) BENZENE	**0.00041 J**
(T) TOLUENE	0.00036 U
(E) ETHYLBENZENE	0.00030 U
(X) XYLENES	0.001 U

DATE MEASURED: 11 FEBRUARY 2009.

WESTON SOLUTIONS

FIGURE 6
GROUNDWATER PROTECTIVE CONCENTRATION LEVEL EXCEEDENCE (PCLE) ZONE BTEX MAP FEBRUARY 2009
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS

DATE	PROJECT NO.	SCALE
SEP 09	12676.001.003.0180	AS SHOWN

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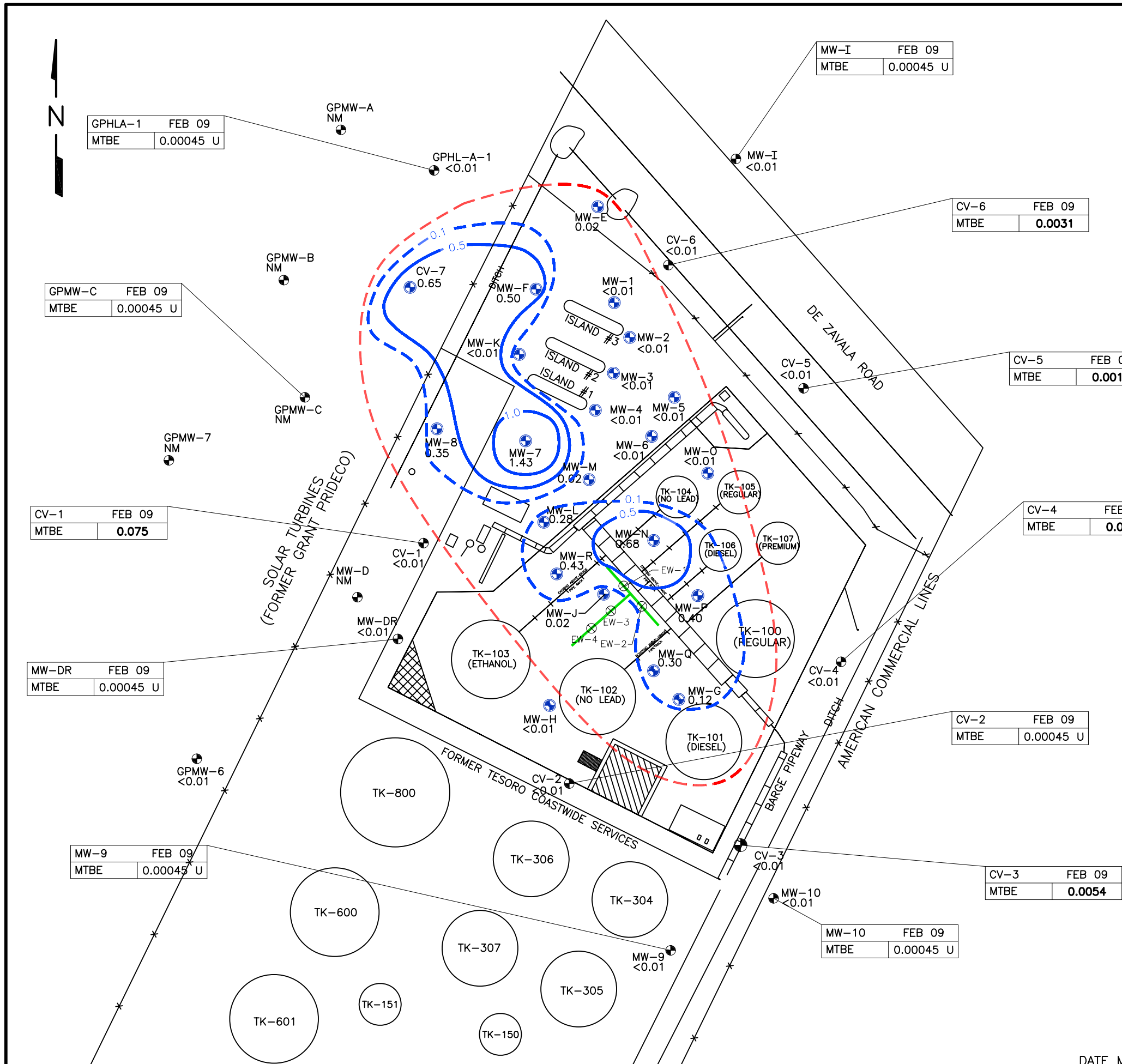

LEGEND:

MW-R 0.43	PSH MONITOR WELL WITH PSH THICKNESS IN FEET
MW-1	GROUNDWATER MONITOR WELL
NM	NOT MEASURED
EW-4	PSH COLLECTION TRENCH W/EXTRACTION WELL
0.5	PSH CONTOUR, PSH THICKNESS IN FEET
0.1	ESTIMATED EXTENT OF PSH PLUME, PSH THICKNESS IN FEET
	ESTIMATED EXTENT OF AFFECTED SHALLOW GROUNDWATER BEARING ZONE
U	NOT REPORTED ABOVE SAMPLE QUANTITATION LIMIT (SQL)
J	ESTIMATED VALUE ABOVE SQL

NOTES:

1. PSH LEVELS SHOWN WERE RECORDED FOLLOWING BAILDOWN TESTS.
2. MTBE CONCENTRATIONS ARE SHOWN IN mg/L.
3. BOLD INDICATES REPORTED CONCENTRATIONS.
4. HIGHLIGHTED CONCENTRATIONS EXCEED TIER I $^{GW}GW_{ING}$ PCLs.

DISSOLVED CONCENTRATIONS OF COCs IN mg/L

MTBE	0.00045 U

DATE MEASURED: 11 FEBRUARY 2009.

WESTON SOLUTIONS

FIGURE 7
GROUNDWATER PROTECTIVE CONCENTRATION LEVEL EXCEEDENCE (PCLE) ZONE MTBE MAP FEBRUARY 2009
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS

DATE	PROJECT NO.	SCALE
SEP 09	12676.001.003.0180	AS SHOWN

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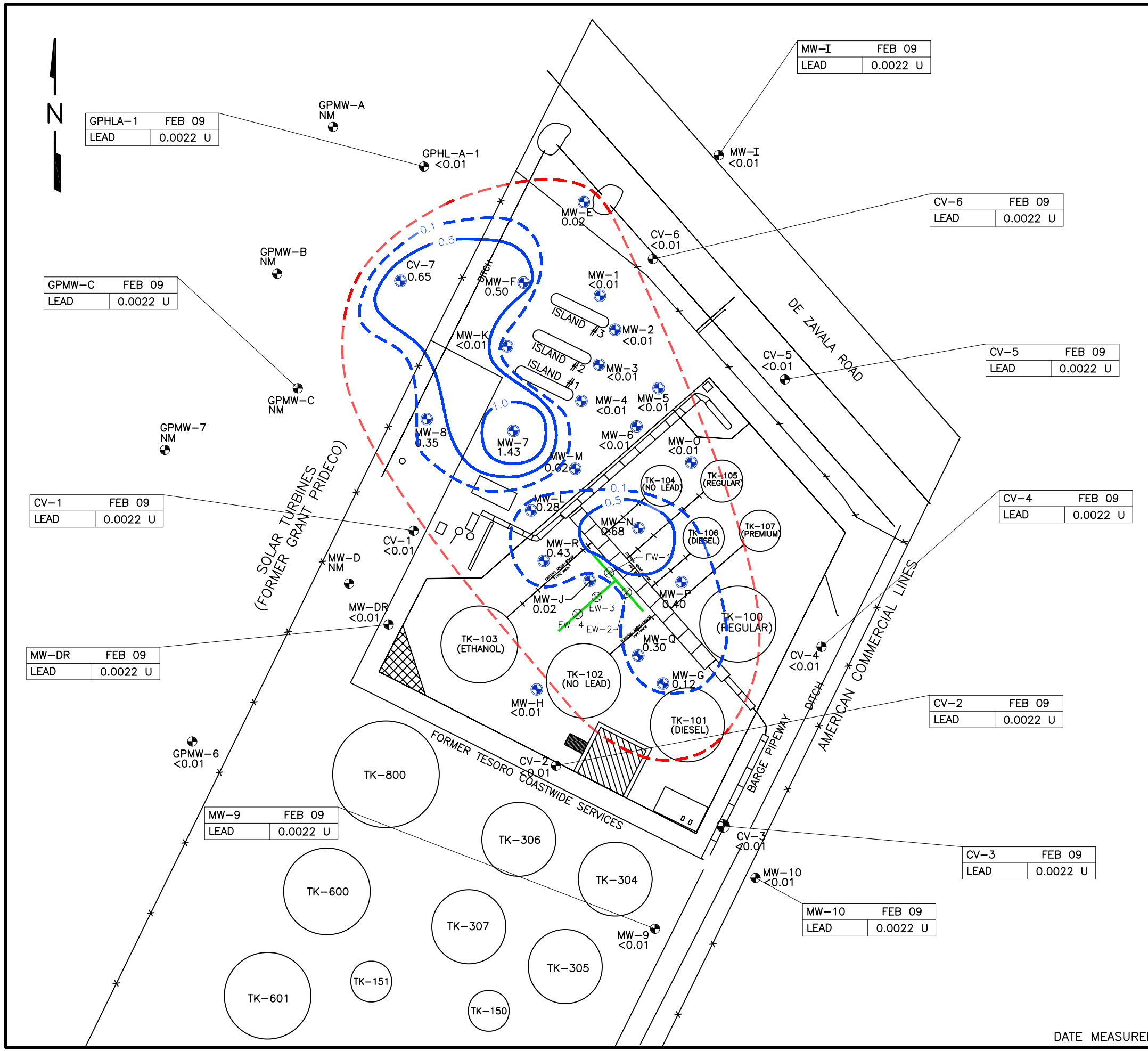

LEGEND:

MW-R 0.43	PSH MONITOR WELL WITH PSH THICKNESS IN FEET
MW-1	GROUNDWATER MONITOR WELL
NM	NOT MEASURED
EW-4	PSH COLLECTION TRENCH W/EXTRACTION WELL
0.5	PSH CONTOUR, PSH THICKNESS IN FEET
0.1	ESTIMATED EXTENT OF PSH PLUME, PSH THICKNESS IN FEET
	ESTIMATED EXTENT OF AFFECTED SHALLOW GROUNDWATER BEARING ZONE
U	NOT REPORTED ABOVE SAMPLE QUANTITATION LIMIT (SQL)
J	ESTIMATED VALUE ABOVE SQL

NOTES:

1. PSH LEVELS SHOWN WERE RECORDED FOLLOWING BAILDOWN TESTS.
2. LEAD CONCENTRATIONS ARE SHOWN IN mg/L.
3. BOLD INDICATES REPORTED CONCENTRATIONS.
4. HIGHLIGHTED CONCENTRATIONS EXCEED TIER I $^{GW}GW_{ING}$ PCLs.

DISSOLVED CONCENTRATIONS OF COCs IN mg/L

LEAD	0.00101 U

0 50 100
SCALE IN FEET

DATE MEASURED: 11 FEBRUARY 2009.

WESTON SOLUTIONS

FIGURE 8
GROUNDWATER PROTECTIVE CONCENTRATION LEVEL EXCEEDENCE (PCLE) ZONE TOTAL LEAD MAP FEBRUARY 2009
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS

DATE	PROJECT NO.	SCALE
APR 09	12676.001.003.0180	AS SHOWN

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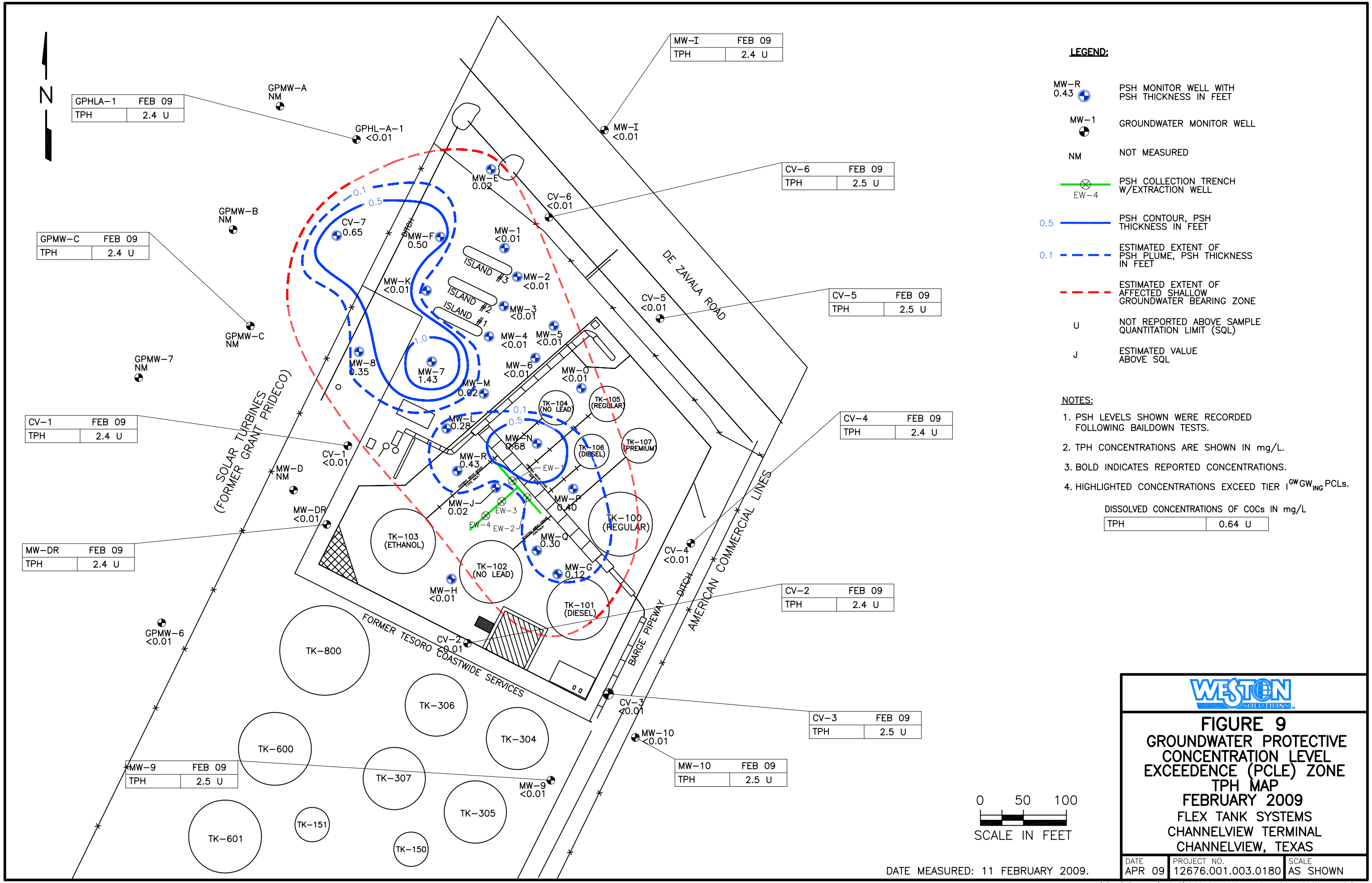
N
GPHLA-1 FEB 09
TPH 2.4 U
GPMW-A NM
GPHL-A-1 <0.01
MW-I FEB 09
TPH 2.4 U
MW-I <0.01
CV-6 FEB 09
TPH 2.5 U
CV-6 <0.01
GPMW-B NM
GPMW-C FEB 09
TPH 2.4 U
GPMW-C NM
GPMW-7 NM
CV-5 FEB 09
TPH 2.5 U
CV-5 <0.01
DE ZAVALA ROAD
CV-1 FEB 09
TPH 2.4 U
CV-1 <0.01
MW-D NM
MW-DR <0.01
MW-DR FEB 09
TPH 2.4 U
SOLAR TURBINES (FORMER GRANT PRIDECO)
CV-4 FEB 09
TPH 2.4 U
CV-4 <0.01
AMERICAN COMMERCIAL LINES
CV-2 FEB 09
TPH 2.4 U
CV-2 <0.01
GPMW-6 <0.01
FORMER TESORO COASTWIDE SERVICES
BARGE PIPEWAY
DITCH
CV-3 FEB 09
TPH 2.5 U
CV-3 <0.01
MW-10 <0.01
MW-10 FEB 09
TPH 2.5 U
MW-9 FEB 09
TPH 2.5 U
MW-9 <0.01
MW-E 0.02
MW-F 0.50
MW-1 <0.01
MW-2 <0.01
MW-3 <0.01
MW-4 <0.01
MW-5 <0.01
MW-6 <0.01
MW-7 1.43
MW-8 0.35
MW-K <0.01
MW-M 0.02
MW-O <0.01
MW-L 0.28
MW-N 0.68
MW-R 0.43
MW-J 0.02
MW-P 0.40
MW-Q 0.30
MW-G 0.12
MW-H <0.01
CV-7 0.65
ISLAND #3
ISLAND #2
ISLAND #1
TK-104 (NO LEAD)
TK-105 (REGULAR)
TK-106 (DIESEL)
TK-107 (PREMIUM)
TK-100 (REGULAR)
TK-103 (ETHANOL)
TK-102 (NO LEAD)
TK-101 (DIESEL)
EW-1
EW-2
EW-3
EW-4
0.1
0.5
1.0
TK-800
TK-306
TK-304
TK-600
TK-307
TK-305
TK-601
TK-151
TK-150
0 50 100
SCALE IN FEET
DATE MEASURED: 11 FEBRUARY 2009.
LEGEND:
MW-R 0.43 PSH MONITOR WELL WITH PSH THICKNESS IN FEET
MW-1 GROUNDWATER MONITOR WELL
NM NOT MEASURED
EW-4 PSH COLLECTION TRENCH W/EXTRACTION WELL
0.5 PSH CONTOUR, PSH THICKNESS IN FEET
0.1 ESTIMATED EXTENT OF PSH PLUME, PSH THICKNESS IN FEET
ESTIMATED EXTENT OF AFFECTED SHALLOW GROUNDWATER BEARING ZONE
U NOT REPORTED ABOVE SAMPLE QUANTITATION LIMIT (SQL)
J ESTIMATED VALUE ABOVE SQL
NOTES:
1. PSH LEVELS SHOWN WERE RECORDED FOLLOWING BAILDOWN TESTS.
2. TPH CONCENTRATIONS ARE SHOWN IN mg/L.
3. BOLD INDICATES REPORTED CONCENTRATIONS.
4. HIGHLIGHTED CONCENTRATIONS EXCEED TIER I GW GW ING PCLs.
DISSOLVED CONCENTRATIONS OF COCs IN mg/L
TPH 0.64 U
WESTON SOLUTIONS
FIGURE 9
GROUNDWATER PROTECTIVE CONCENTRATION LEVEL EXCEEDENCE (PCLE) ZONE TPH MAP
FEBRUARY 2009
FLEX TANK SYSTEMS
CHANNELVIEW TERMINAL
CHANNELVIEW, TEXAS
DATE APR 09
PROJECT NO. 12676.001.003.0180
SCALE AS SHOWN
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Appendix C

A description of the current use, and, to the extent known, the anticipated uses, of the designated property and properties within 500 feet of the boundary of the designated property.

A map depicting the designated property and adjacent properties is presented in Appendix B, (Figures 1-1 and 1-2). The designated property is currently operated as a petroleum processing and recycling terminal. Used oils are collected from Flex Tank customers via tanker trucks, then transported to the designated property where the oils are unloaded into above-ground storage tanks via above ground piping. In general, petroleum products are brought to the facility by truck and exit the facility by barge. Petroleum products stored and processed at the property include crude oil, heavy fuel oil, and fuel oil cutterstock.

The intended future use of the designated property is mixed commercial/industrial and rural. The properties within 500 feet of the designated property are mixed commercial/industrial and rural and are described below.

- The designated property is bordered to the west by commercial/industrial property owned by Solar Turbines.
- The designated property is bordered to the north by De Zavalla Road.
- The designated property is bordered to the east by undeveloped property owned by American Commercial Barge Line Houston Fleet.
- The designated property is bordered to the south by Carpenters Bayou.
- The designated property is located approximately 0.6 miles upstream from the confluence of Carpenters Bayou and the Houston Ship Channel.

The future use of the designated property and surrounding property will remain mixed use commercial/industrial and rural.

Appendix D

(TCEQ MSD Reference No. 5)

For each contaminant of concern within the ingestion protective concentration level exceedance zone, to the extent known, provide the following:

a. *A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface.*

b. *The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.*

c. *Its basic geochemical properties (e.g., whether the contaminant of concern migrates with groundwater, floats or is soluble in water).*

Based on the historical environmental investigations performed at the designated property, BTEX, MTBE, TPH, and total lead have been identified only in the shallow GWBU. A review of historic site investigations at the designated property has indicated that the primary environmental concern was PSH and associated dissolved-phase COCs in the shallow GWBU. As a result, subsequent environmental investigations have not included soil sampling.

Based on the results from the most recent groundwater monitoring event (February 2009), only BTEX and MTBE have been reported above the residential ingestion PCLs outside the PSH plume perimeter.

A description of each COC, the ingestion and non-ingestion PCLE zone, vertical and horizontal extent, and geochemical properties is provided below.

Groundwater

Non-ingestion PCL exceedances have not been identified in groundwater for all four COCs including BTEX, MTBE, TPH and lead.

COCs in Groundwater at Designated Property

COC: Benzene	
Maximum Concentration (data from 2001-2009)	20 mg/L (data from 2004 – prior to free product removal)
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	0.005 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	6.6 mg/L
Non-Ingestion - Based PCLE Zone	None (max concentration recorded 2004, subsequent samples have not exceeded the non-ingestion PCL due to extraction of free product from the groundwater)
Geochemical/Physical Properties	
Molecular Weight	78
Specific Gravity	0.89
Solubility in Water	Low solubility
Groundwater Migration	variable
COC: Toluene	
Maximum Concentration (data from 2001-2009)	17 mg/L
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	1.0 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	10,000 mg/L
Non-Ingestion - Based PCLE Zone	None
Geochemical/Physical Properties	
Molecular Weight	92
Density/Specific Gravity	0.86
Solubility in Water	insoluble
Groundwater Migration	variable
COC: Ethylbenzene	
Maximum Concentration (data from 2001-2009)	1.7 mg/L
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	0.7 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	2,000 mg/L
Non-Ingestion - Based PCLE Zone	None
Geochemical/Physical Properties	
Molecular Weight	106
Density/Specific Gravity	0.867
Solubility in Water	insoluble
Groundwater Migration	variable

COCs in Groundwater at Designated Property (cont.)

COC: Xylenes	
Maximum Concentration (data from 2001-2009)	8.3 mg/L
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	10 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	220 mg/L
Non-Ingestion - Based PCLE Zone	None
Geochemical/Physical Properties	
Molecular Weight	106
Specific Gravity	0.86
Solubility in Water	insoluble
Groundwater Migration	variable
COC: MTBE	
Maximum Concentration (data from 2001-2009)	5.3 mg/L
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	0.24 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	520 mg/L
Non-Ingestion - Based PCLE Zone	none
Geochemical/Physical Properties	
Molecular Weight	88
Specific Gravity	0.744
Solubility in Water	soluble
Groundwater Migration	variable
COC: Lead	
Maximum Concentration (data from 2001-2009)	0.0892 mg/L
Ingestion-Based PCL (Residential $^{GW}GW_{ing}$)	0.015 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL ($^{Air}GW_{Inh-V}$)	N/A
Non-Ingestion - Based PCLE Zone	none
Geochemical/Physical Properties	
Molecular Weight	207
Specific Gravity	11.35
Solubility in Water	Slightly soluble
Groundwater Migration	variable

COCs in Groundwater at Designated Property (cont.)

COC: TPH (C6 – C12)	
Maximum Concentration (data from 2001-2009)	58 mg/L
Ingestion-Based PCL (Residential ${}^{GW}GW_{ing}$)	0.98 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL (${}^{Air}GW_{Inh-V}$)	230 mg/L
Non-Ingestion - Based PCLE Zone	None
Geochemical/Physical Properties (Note: varies depending on specific molecular structure)	
Molecular Weight	varies
Specific Gravity	varies
Solubility in Water	varies
Groundwater Migration	varies
COC: TPH (C12 – C28)	
Maximum Concentration (data from 2001-2009)	2.4 mg/L
Ingestion-Based PCL (Residential ${}^{GW}GW_{ing}$)	0.98 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL (${}^{Air}GW_{Inh-V}$)	970 mg/L
Non-Ingestion - Based PCLE Zone	none
Geochemical/Physical Properties (Note: varies depending on specific molecular structure)	
Molecular Weight	varies
Specific Gravity	varies
Solubility in Water	varies
Groundwater Migration	varies
COC: TPH (C28 – C35)	
Maximum Concentration (data from 2001-2009)	5.1 mg/L
Ingestion-Based PCL (Residential ${}^{GW}GW_{ing}$)	0.98 mg/L
Ingestion-Based PCLE Zone: (Approximate)	Length: 660 ft Width: 300 ft Total Area: 4.5 acres
Non-Ingestion - Based PCL (${}^{Air}GW_{Inh-V}$)	970 mg/L
Non-Ingestion - Based PCLE Zone	none
Geochemical/Physical Properties (Note: varies depending on specific molecular structure)	
Molecular Weight	varies
Specific Gravity	varies
Solubility in Water	varies
Groundwater Migration	varies

Appendix E

(TCEQ MSD Reference No. 5)

For each contaminant of concern within the designated groundwater, to the extent known:

a. *A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface.*

b. *The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.*

c. *Its basic geochemical properties (e.g., whether the contaminant of concern migrates with groundwater, floats or is soluble in water).*

A description of each COC in the groundwater at the designated property as well as those COCs that are defined by a PCLE zone, along with its basic geochemical properties is presented in Appendix D. A tabular listing of the maximum concentration for each groundwater COC is provided in Appendix F, Table 1.

Appendix F

(TCEQ MSD Reference No. 5)

A table displaying the following information for each contaminant of concern, to the extent known:

d. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.

e. The critical protective concentration level without the municipal setting designation, highlighting any exceedances.

Groundwater

By implementing a MSD at the designated property, the residential groundwater ingestion pathway will be eliminated. Table 1 presents the maximum concentration of each COC in the groundwater at the designated property.

Soils

Dissolved-phase COCs have only been identified in the shallow GWBU at the designated property. Based on historic site investigations, the results have indicated that the primary environmental concern was PSH and associated dissolved-phase COCs in the shallow GWBU. As a result, subsequent environmental investigations have not included soil sampling.

Table 1
Maximum Concentrations and Groundwater Residential Ingestion Assessment Levels

COC	$^{GW}GW_{Ing}$ (mg/L)	$^{Air}GW_{Inh-V}$		$^{SW}GW^{1}$ (mg/L)	^{Sed}GW (mg/L)	MQL (mg/L)	Background (mg/L)	Maximum concentration		
		(mg/L)	Source area size (acres)					Sample ID	Sample date	^{1,2}Conc (mg/L)
METALS BY EPA Method 6010										
Lead	0.015	--	30	--	--	0.00100	--	GPMW-C	12-30-04	**0.0892**
VOCs by EPA Methods 8021 and 8260										
Benzene	0.005	6.6	30	--	--	0.00069	--	MW-E	2-24-05	**[3]20**
Toluene	1	10,000	30	--	--	0.00032	--	MW-M	12-29-04	**17**
Ethylbenzene	0.7	2,000	30	--	--	0.00046	--	MW-E	2-24-05	**1.70**
Xylenes, Total	10	220	30	--	--	0.00031	--	MW-M	12-29-04	8.30
m,p-Xylene	10	200	30	--	--	0.00031	--	MW-M	12-29-04	5.50
o-Xylene	10	16,000	30	--	--	0.00034	--	MW-M	12-29-04	2.80
Methyl tert-butyl ether	0.24	520	30	--	--	0.00096	--	MW-M	12-29-04	**5.30**
TPH by Method TX1005										
C6 to C12	0.98	230	30	--	--	0.35	--	MW-L	9-2-04	**58**
C12 to C28	0.98	970	30	--	--	0.21	--	CV-1	12-8-06	**2.4 J**
C28 to C35	0.98	970	30	--	--	0.21	--	--	--	**< 5.1**
C6 to C35	--	--	30	--	--	0.21	--	MW-L	9-2-04	**58**

[1]Bold values indicate exceedence of residential ingestion PCL (without an MSD)
[2]Highlighted values indicate an exceedence of residential air inhalation PCL (with an MSD)
[3]Highlighted exceedence of non-ingestion PCL (with an MSD) is the maximum concentration ever documented at the site prior to free product (PSH) removal at the site. Since PSH recovery at the site, no COCs have exceeded their respective non-ingestion PCL.

Appendix G

A statement as to whether the plume of contamination is stable, expanding, or contracting, with the basis for that statement. If this information is not known, a statement of why the information is not known should be attached.

Groundwater COCs

Based on the groundwater monitoring that has been performed from 2001 to 2009, the following conclusions have been drawn for the designated property:

- The groundwater flow direction in the shallow GWBU is consistently to the south-southeast across the site.
- Dissolved COCs (BTEX, MTBE, TPH, and total lead) have not migrated significantly beyond the PSH plumes.
- Eight years of groundwater monitoring has indicated stable dissolved COC concentrations with only minimal fluctuations.
- Although two PSH plumes continue to be present, the plumes have been reduced due to recovery of PSH from the collection trenches.

Based on site investigation results, dissolved-phase COCs identified in the shallow GWBU include BTEX, MTBE, TPH, and total lead. Of these dissolved-phase COCs, BTEX and MTBE have been detected at concentrations greater than their respective TCEQ TRRP Tier 1 residential ingestion PCLs. The groundwater PCLE zone has been defined to the residential ingestion assessment level. The affected groundwater (defined by the BTEX/MTBE PCLE zone) is approximately 660 feet long by 330 feet wide. **Figures 3-1 and 3-2** (Appendix B) define the groundwater PCLE zone beneath the site. Based on the PSH recovery efforts and results from groundwater monitoring performed to date, the "reasonable recoverable PSH" has been removed and the PSH plume is stable and not migrating. Dissolved-phase COCs are expected to decrease over time by natural attenuation in the shallow GWBU. There has been no indication that the remaining PSH is serving as a continual source of dissolved-phase constituents

Based on the above Tier 1 residential exceedences, the only groundwater pathways that could potentially pose a risk to on-site human receptors include those who participate in PSH recovery and groundwater sampling activities. Exposure to off-site human or ecological receptors is not anticipated since the impacted shallow GWBU is not a usable water supply source. Although Carpenter's Bayou is located to the south of the site and the groundwater flow direction is also to the south, groundwater data collected during the groundwater monitoring events indicate that the PSH plumes have not migrated significantly or increased in size since investigation activities began in August of 1998. PSH recovery efforts have resulted in reduced amounts of PSH in the shallow GWBU beneath the designated property. Migration of PSH or dissolved COCs into nearby surface waters or sediments has not been observed since the original release that occurred in 1989.

Historical groundwater analytical results are shown in Table 2 of this appendix.

TABLE 2
Groundwater Data Summary - Volatile Organic Compounds

Municipal Setting Designation
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Methyl tert-butyl ether	Xylenes, Total	m,p-Xylene	o-Xylene
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
CV-1	6/27/2005	**0.067**	< 0.001	< 0.001	**0.054**	< 0.001	< 0.001	< 0.001
	12/8/2006	**0.027**	< 0.00035	< 0.00019	**0.066**	< 0.00013	< 0.00041	< 0.00013
	7/25/2007	**0.045**	**0.001**	< 0.00046	**0.061**	< 0.00031	< 0.00031	< 0.00034
	12/6/2007	**0.0033**	< 0.00032	< 0.00046	**0.076**	< 0.00031	< 0.00031	< 0.00034
	12/6/2007 DUP (CV-11)	**0.0032**	< 0.00032	< 0.00046	**0.078**	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	**0.00074 J**	< 0.00036	< 0.0003	**0.044**	< 0.001	--	--
	2/12/2009	**0.048**	< 0.00036	< 0.0003	**0.075**	< 0.001	--	--
CV-2	2/27/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	2/27/2001 DUP (CV-2D)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	6/27/2005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	6/26/2006	**0.0003 J**	**0.00044 J**	**0.00024 J**	< 0.00028	**0.00071 J**	**0.00046 J**	**0.00025 J**
	12/7/2006	**0.00067 J**	< 0.00035	**0.00034 J**	< 0.00028	< 0.00013	< 0.00041	< 0.00013
	7/25/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	**0.00063 J**	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	**0.00046 J**	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
	2/12/2009	**0.00041 J**	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
CV-3	2/27/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	2/27/2001 DUP (CV-3D)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	9/2/2004	**0.0034**	**0.001**	< 0.001	**0.0067**	< 0.001	--	--
	12/29/2004	**0.034**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	2/23/2005	**0.027**	**0.0027**	**0.00022 J**	**0.0054**	**0.00115 J**	**0.00091 J**	**0.00024 J**
	2/24/2005 DUP (CV-17)	**0.024**	**0.0022**	**0.00019 J**	**0.0039**	**0.00127 J**	**0.00097 J**	**0.0003 J**
	6/28/2005	**0.015**	< 0.001	< 0.001	**0.0074**	< 0.001	< 0.001	< 0.001
	6/26/2006	**0.038**	**0.0027**	< 0.00019	**0.005**	**0.00111 J**	**0.000092 J**	**0.00019 J**
	6/26/2006 DUP (CV-23)	**0.042**	**0.0027**	< 0.00019	**0.005**	**0.00129**	**0.001**	**0.00029 J**
	12/6/2006	**0.071**	**0.0073**	**0.00069 J**	**0.0045**	**0.0039**	**0.0029**	**0.001**
	7/25/2007	**0.064**	**0.0034**	< 0.00046	**0.0038**	**0.0022**	**0.0016**	**0.0006 J**
	7/25/2007 DUP (CV-3D)	**0.064**	**0.004**	< 0.00046	**0.0061**	**0.00221**	**0.0016**	**0.00061 J**
	12/6/2007	**0.057**	**0.0067**	**0.0011**	**0.0042**	**0.0011**	**0.0011**	< 0.00034
	6/11/2008	**0.01**	< 0.00036	< 0.0003	**0.0014**	< 0.001	--	--
	2/12/2009	**0.0051**	< 0.00036	< 0.0003	**0.0054**	< 0.001	--	--
CV-4	2/27/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	9/2/2004	< 0.001	< 0.001	< 0.001	**0.0017**	< 0.001	--	--
	12/30/2004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	2/23/2005	< 0.00011	**0.00031 J**	< 0.00014	**0.0019**	**0.00051 J**	**0.00035 J**	**0.00016 J**
	6/28/2005	< 0.001	< 0.001	< 0.001	**0.0018**	< 0.001	< 0.001	< 0.001
	6/26/2006	< 0.00021	< 0.00035	< 0.00019	**0.0013**	**0.00064 J**	**0.00046 J**	**0.00018 J**
	12/7/2006	< 0.00021	< 0.00035	< 0.00019	**0.0015**	< 0.00013	< 0.00041	< 0.00013
	7/25/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	**0.00089 J**	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	**0.00057 J**	**< 0.00036**	**< 0.0003**	**0.0012**	**< 0.001**	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	**0.0019**	< 0.001	--	--
CV-5	2/27/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	9/2/2004	< 0.001	< 0.001	< 0.001	**0.0015**	< 0.001	--	--
	12/30/2004	< 0.001	< 0.001	< 0.001	**0.0014**	< 0.001	< 0.001	< 0.001
	2/23/2005	< 0.00011	< 0.00022	< 0.00014	**0.0018**	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	**0.0023**	< 0.001	< 0.001	< 0.001
	6/27/2006	**0.00072 J**	**0.0017**	**0.00035 J**	**0.0016**	**0.00177**	**0.0012**	**0.00057 J**
	12/8/2006	**0.00022 J**	< 0.00035	< 0.00019	**0.0017**	< 0.00013	< 0.00041	< 0.00013
	7/26/2007	< 0.00069	< 0.00032	< 0.00046	**0.0017**	**0.00066 J**	< 0.00031	**0.00066 J**
	12/5/2007	< 0.00069	< 0.00032	< 0.00046	**0.0015**	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	**0.0017**	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	**0.00036 J**	**0.0017**	< 0.001	--	--
CV-6	2/27/2001	**0.006**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	12/30/2004	< 0.001	< 0.001	< 0.001	**0.0033**	< 0.001	< 0.001	< 0.001
	2/23/2005	< 0.00011	< 0.00022	< 0.00014	**0.0066**	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	**0.0087**	< 0.001	< 0.001	< 0.001
	6/28/2005 DUP (CV-12)	< 0.001	< 0.001	< 0.001	**0.0087**	< 0.001	< 0.001	< 0.001
	6/26/2006	< 0.00021	< 0.00035	< 0.00019	**0.00078 J**	< 0.00013	< 0.00041	< 0.00013
	12/8/2006	< 0.00021	< 0.00035	< 0.00019	**0.0016**	< 0.00013	< 0.00041	< 0.00013
	7/26/2007	< 0.00069	< 0.00032	< 0.00046	**0.0014**	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	< 0.00046	**0.0022**	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	**0.0031**	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	**0.0031**	< 0.001	--	--
GPHC-A-1	12/7/2006	< 0.00021	< 0.00035	< 0.00019	< 0.00028	< 0.00013	< 0.00041	< 0.00013

TABLE 2
Groundwater Data Summary - Volatile Organic Compounds

Municipal Setting Designation
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Methyl tert-butyl ether (mg/L)	Xylenes, Total (mg/L)	m,p-Xylene (mg/L)	o-Xylene (mg/L)
GPHLA-1	2/26/2001	< 0.005	< 0.005	< 0.005	**0.016**	< 0.005	< 0.005	< 0.005
	9/2/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
	9/2/2004 DUP (GPHLA-10)	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
	2/24/2005	< 0.00011	< 0.00022	< 0.00014	**0.0023**	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	**0.0016**	< 0.001	< 0.001	< 0.001
	6/27/2006	< 0.00021	< 0.00035	< 0.00019	**0.0003 J**	< 0.00013	< 0.00041	< 0.00013
	7/26/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
GPMW-A	2/26/2001	< 0.005	< 0.005	< 0.005	**0.012**	< 0.005	< 0.005	< 0.005
	9/2/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
	12/29/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	12/29/2004 DUP (GPMW-A-1)	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
GPMW-B	2/26/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
GPMW-C	2/26/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	9/2/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
	12/30/2004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	2/24/2005	< 0.00011	< 0.00022	< 0.00014	< 0.00030	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	6/27/2006	< 0.00021	**0.00052 J**	< 0.00019	< 0.00028	**0.00082 J**	**0.00058 J**	**0.00024 J**
	12/6/2006	**0.0003 J**	< 0.00035	**0.00036 J**	< 0.00028	**0.00052 J**	**0.00052 J**	< 0.00013
	12/5/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
GPMW-D	2/26/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
GPMW-6	9/2/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
	12/30/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	12/30/2004 DUP (GPMW-10)	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	2/24/2005	< 0.00011	< 0.00022	< 0.00014	< 0.000030	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-C	7/26/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	**0.00059 J**	< 0.00031	**0.00059 J**
MW-DR	6/27/2006	< 0.00021	**0.001 J**	**0.00023 J**	**0.013**	**0.00091 J**	**0.00061 J**	**0.0003 J**
	12/8/2006	**0.00043 J**	< 0.00035	< 0.00019	**0.0097**	**0.00025 J**	< 0.00041	**0.00025 J**
	7/25/2007	< 0.00069	< 0.00032	< 0.00046	**0.010**	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	**0.00071 J**	**0.0031**	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	**0.0049**	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
MW-E	2/24/2005	**20**	**12**	**1.70**	< 0.076	**6.50**	**4.70**	**1.80**
MW-I	2/27/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	12/30/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	2/24/2005	< 0.00011	< 0.00022	< 0.00014	< 0.00030	< 0.00013	< 0.00023	< 0.00013
	6/28/2005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	6/27/2006	< 0.00021	< 0.00035	< 0.00019	< 0.00028	< 0.00013	< 0.00041	< 0.00013
	12/8/2006	< 0.00021	< 0.00035	< 0.00019	< 0.00028	< 0.00013	< 0.00041	< 0.00013
	7/25/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	12/5/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
MW-L	9/2/2004	**14**	**7.70**	**0.75**	**2.30**	**3.50**	--	--
MW-M	12/29/2004	**18**	**17**	**1.40**	**5.30**	**8.30**	**5.50**	**2.80**
MW-1	9/2/2004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	--	--
MW-3	3/2/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MW-4	2/26/2001	**0.067**	< 0.005	< 0.005	**0.021**	< 0.005	< 0.005	< 0.005
MW-4 (GP)	3/2/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MW-5 (GP)	3/2/2001	**0.005**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MW-6 (GP)	3/1/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MW-9	6/27/2006	< 0.00021	< 0.00035	< 0.00019	< 0.00028	< 0.00013	< 0.00041	< 0.00013
	12/6/2006	**0.00061 J**	**0.0022**	**0.00061 J**	< 0.00028	**0.00323**	**0.0023**	**0.00093 J**
	12/6/2006 DUP (MW-9A)	**0.00043 J**	**0.00096 J**	**0.00034 J**	< 0.00028	**0.00147**	**0.001**	**0.00047 J**
	7/25/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	12/6/2007	< 0.00069	< 0.00032	**0.00065 J**	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
MW-10	12/6/2007	< 0.00069	< 0.00032	< 0.00046	< 0.00096	< 0.00031	< 0.00031	< 0.00034
	6/11/2008	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
	2/12/2009	< 0.00035	< 0.00036	< 0.0003	< 0.00045	< 0.001	--	--
GROUNDWATER CRITICAL PCLs								
	$^{GW}GW_{Ing}$	0.005	1	0.7	0.24	10	10	10
	$^{Air}GW_{Inh-V}$ (30-acre source area)	6.6	10,000	2,000	520	220	200	16,000

Notes:
mg/L - milligrams per liter or parts per million
(--) - not analyzed
< - denotes analyte was not detected above the reporting limit (RL) or sample quantitation limit (SQL)
J - analyte was positively identified below the method quantitation limit (MQL) and above the SQL, estimated value
NA - not applicable
PCLs - protective concentration levels
BOLD value indicates concentration detected at or above the SQL

TABLE 2
Groundwater Data Summary - Volatile Organic Compounds

Municipal Setting Designation
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Methyl tert-butyl ether	Xylenes, Total	m,p-Xylene	o-Xylene
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)

BOLD value highlighted in YELLOW indicates concentration detected at or above the critical residential ingestion PCL (without an MSD)
BTEX/MTBE analysis by EPA Method 8021B
VOC analysis by EPA Method 8260B

TABLE 2
Groundwater Data Summary - Lead

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Lead (mg/L)
CV-1	6/27/2005	< 0.005
	12/8/2006	**0.000636 J**
	7/25/2007	**0.00359 J**
	12/6/2007	**0.00167 J**
	12/6/2007 DUP (CV-11)	**0.00176 J**
	6/11/2008	**0.00132 J**
	2/12/2009	< 0.0022
CV-2	6/27/2005	< 0.005
	6/26/2006	< 0.00190
	12/7/2006	**0.00053 J**
	7/25/2007	**0.000879 J**
	12/5/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
CV-3	9/2/2004	< 0.005
	12/29/2004	< 0.005
	2/23/2005	< 0.00140
	2/24/2005 DUP (CV-17)	< 0.00140
	6/28/2005	< 0.005
	6/26/2006	< 0.00190
	6/26/2006 DUP (CV-23)	< 0.00190
	12/6/2006	**0.000179 J**
	7/25/2007	< 0.000660
	7/25/2007 DUP (CV-3D)	< 0.000660
	12/6/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
CV-4	9/2/2004	< 0.005
	12/30/2004	< 0.005
	2/23/2005	< 0.00140
	6/28/2005	< 0.005
	6/26/2006	< 0.00190
	12/7/2006	**0.000465 J**
	7/25/2007	< 0.000660
	12/5/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
CV-5	9/2/2004	< 0.005
	12/30/2004	< 0.005
	2/23/2005	< 0.00140
	6/28/2005	< 0.005
	6/26/2006	< 0.00190
	12/8/2006	< 0.000106
	7/26/2007	< 0.000660
	12/5/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
CV-6	12/30/2004	< 0.005
	2/23/2005	**0.00521**
	6/28/2005	< 0.005
	6/28/2005 DUP (CV-12)	< 0.005
	6/27/2006	< 0.00190
	12/8/2006	**0.00097 J**
	7/26/2007	**0.000789 J**
	12/5/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
GPHC-A-1	12/7/2006	**0.0033**

TABLE 2
Groundwater Data Summary - Lead

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Lead (mg/L)
GPHLA-1	9/2/2004	< 0.005
	9/2/2004 DUP (GPHLA-10)	< 0.005
	2/24/2005	< 0.00140
	6/28/2005	< 0.005
	6/27/2006	< 0.00190
	7/26/2007	**0.000908 J**
	12/5/2007	**0.0014 J**
	6/11/2008	**0.00132 J**
	2/12/2009	< 0.0022
GPMW-A	9/2/2004	< 0.005
	12/29/2004	**0.0332**
	12/29/2004 DUP (GPMW-A-1)	< 0.005
GPMW-C	9/2/2004	< 0.005
	12/30/2004	**0.0892**
	2/24/2005	**0.00699**
	6/28/2005	< 0.005
	6/27/2006	< 0.00190
	12/6/2006	**0.0104**
	12/5/2007	**0.00431 J**
	6/11/2008	**0.00821**
GPMW-6	9/2/2004	< 0.005
	12/30/2004	< 0.005
	12/30/2004 DUP (GPMW-10)	< 0.005
	2/24/2005	**0.00242 J**
	6/28/2005	< 0.005
MW-C	7/26/2007	**0.00566**
MW-DR	6/27/2006	< 0.00190
	12/8/2006	**0.000215 J**
	7/25/2007	< 0.000660
	12/5/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
MW-E	2/24/2005	< 0.00140
MW-I	12/30/2004	**0.0136**
	2/24/2005	**0.00285 J**
	6/28/2005	< 0.005
	6/27/2006	< 0.00190
	12/8/2006	**0.0011**
	7/25/2007	**0.0021 J**
	12/5/2007	**0.00167 J**
	6/11/2008	**0.00106 J**
	2/12/2009	< 0.0022
MW-L	9/2/2004	< 0.005
MW-M	12/29/2004	< 0.005
MW-1	9/2/2004	< 0.005
MW-9	6/27/2006	< 0.00190
	12/6/2006	**0.000128 J**
	12/6/2006 DUP (MW-9A)	< 0.000106
	7/25/2007	< 0.000660
	12/6/2007	< 0.00100
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
MW-10	12/6/2007	**0.0029 J**
	6/11/2008	< 0.00101
	2/12/2009	< 0.0022
GROUNDWATER CRITICAL PCLs		
	${}^{GW}GW_{Ing}$	0.015
	${}^{Air}GW_{Inh,V}$ (30-acre source area)	NA

Notes:
mg/L - milligrams per liter or parts per million
(--) - not analyzed
< - denotes analyte was not detected above the reporting limit or sample quantitation limit (SQL)
J - analyte was positively identified below the method quantitation limit (MQL) and above the SQL, estimated value
NA - not applicable
PCLs - protective concentration levels
BOLD value indicates concentration detected at or above the SQL
BOLD value highlighted in YELLOW indicates concentration detected at or above the critical residential ingestion PCL (without an MSD)

TABLE 2
Groundwater Data Summary - Lead

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	Lead (mg/L)

Metals analysis by EPA Method 6010B

TABLE 2
Groundwater Data Summary - Total Petroleum Hydrcarbons (TPH)

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	C6 to C12 (mg/L)	C12 to C28 (mg/L)	C28 to C35 (mg/L)	C6 to C35 (Total) (mg/L)
CV-1	6/27/2005	< 5	< 5	< 5	< 5
	12/8/2006	< 2.5	**2.4 J**	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/6/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/6/2007 DUP (CV-11)	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.61	< 0.62	< 0.62	< 0.61
	2/12/2009	< 2.4	< 0.59	< 0.59	< 2.4
CV-2	2/27/2001	< 4.7	< 4.7	--	< 4.7
	2/27/2001 DUP (CV-2D)	< 4.9	< 4.9	--	< 4.9
	6/27/2005	< 5	< 5	< 5	< 5
	6/26/2006	< 0.48	< 0.55	< 0.55	< 0.48
	12/7/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.35	< 0.22	< 0.22	< 0.22
	6/11/2008	< 0.64	< 0.64	< 0.64	< 0.64
	2/12/2009	< 2.4	< 0.60	< 0.60	< 2.4
CV-3	2/27/2001	< 5	< 5	--	< 5
	2/27/2001 DUP (CV-3D)	< 4.9	< 4.9	--	< 4.9
	9/2/2004	< 5.1	< 5.1	< 5.1	< 5.1
	12/29/2004	< 5.1	< 5.1	< 5.1	< 5.1
	2/23/2005	< 1.4	< 1.2	< 1.2	< 1.2
	2/24/2005 DUP (CV-17)	< 1.5	< 1.3	< 1.3	< 1.3
	6/28/2005	< 5.1	< 5.1	< 5.1	< 5.1
	6/26/2006	< 0.48	< 0.55	< 0.55	< 0.48
	6/26/2006 DUP (CV-23)	< 0.48	< 0.55	< 0.55	< 0.48
	12/6/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	7/25/2007 DUP (CV-3D)	< 0.34	< 0.21	< 0.21	< 0.21
	12/6/2007	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.64	< 0.65	< 0.65	< 0.64
	2/12/2009	< 2.5	< 0.61	< 0.61	< 2.5
CV-4	2/27/2001	< 4.7	< 4.7	--	< 4.7
	9/2/2004	< 5.1	< 5.1	< 5.1	< 5.1
	12/30/2004	< 4.9	< 4.9	< 4.9	< 4.9
	2/23/2005	< 1.4	< 1.3	< 1.3	< 1.3
	6/28/2005	< 5	< 5	< 5	< 5
	6/26/2006	< 0.48	< 0.56	< 0.56	< 0.48
	12/7/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.35	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.64	< 0.65	< 0.65	< 0.64
	2/12/2009	< 2.4	< 0.60	< 0.60	< 2.4
CV-5	2/27/2001	< 4.9	< 4.9	--	< 4.9
	9/2/2004	< 5.1	< 5.1	< 5.1	< 5.1
	12/30/2004	< 5	< 5	< 5	< 5
	2/23/2005	< 1.4	< 1.3	< 1.3	< 1.3
	6/28/2005	< 4.9	< 4.9	< 4.9	< 4.9
	6/26/2006	< 0.47	< 0.54	< 0.54	< 0.47
	12/8/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/26/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.65	< 0.66	< 0.66	< 0.65
	2/12/2009	< 2.4	< 0.58	< 0.58	< 2.4
CV-6	2/27/2001	< 4.9	< 4.9	--	< 4.9
	12/30/2004	< 5	< 5	< 5	< 5
	2/23/2005	< 1.4	< 1.2	< 1.2	< 1.2
	6/28/2005	< 4.9	< 4.9	< 4.9	< 4.9
	6/28/2005 DUP (CV-12)	< 5	< 5	< 5	< 5
	6/27/2006	< 0.48	< 0.55	< 0.55	< 0.48
	12/8/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/26/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.33	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.64	< 0.65	< 0.65	< 0.64
	2/12/2009	< 2.5	< 0.62	< 0.62	< 2.5

TABLE 2
Groundwater Data Summary - Total Petroleum Hydrcarbons (TPH)

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	C6 to C12 (mg/L)	C12 to C28 (mg/L)	C28 to C35 (mg/L)	C6 to C35 (Total) (mg/L)
GPHC-A-1	12/7/2006	< 2.5	< 1.1	< 1.1	< 2.5
GPHLA-1	2/26/2001	< 4.8	< 4.8	--	< 4.8
	9/2/2004	< 5.1	< 5.1	< 5.1	< 5.1
	9/2/2004 DUP (GPHLA-10)	< 4.8	< 4.8	< 4.8	< 4.8
	2/24/2005	< 1.5	< 1.3	< 1.3	< 1.3
	6/28/2005	< 5.2	< 5.2	< 5.2	< 5.2
	6/27/2006	< 0.46	< 0.53	< 0.53	< 0.46
	7/26/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.35	< 0.22	< 0.22	< 0.22
	6/11/2008	< 0.66	< 0.66	< 0.66	< 0.66
	2/12/2009	< 2.4	< 0.60	< 0.60	< 2.4
GPMW-A	2/26/2001	< 4.6	< 4.6	--	< 4.6
	9/2/2004	< 5	< 5	< 5	< 5
	12/29/2004	< 5.1	< 5.1	< 5.1	< 5.1
	12/29/2004 DUP (GPMW-A-1)	< 5	< 5	< 5	< 5
GPMW-B	2/26/2001	< 4.9	< 4.9	--	< 4.9
GPMW-C	2/26/2001	< 5.2	< 5.2	--	< 5.2
	9/2/2004	< 5	< 5	< 5	< 5
	12/30/2004	< 5.1	< 5.1	< 5.1	< 5.1
	2/24/2005	< 1.5	< 1.3	< 1.3	< 1.3
	6/28/2005	< 5	< 5	< 5	< 5
	6/27/2006	< 0.47	< 0.54	< 0.54	< 0.47
	12/6/2006	< 2.5	< 1.1	< 1.1	< 2.5
	12/5/2007	< 0.35	< 0.22	< 0.22	< 0.22
	6/11/2008	< 0.65	< 0.66	< 0.66	< 0.65
GPMW-D	2/26/2001	< 4.9	< 4.9	--	< 4.9
GPMW-6	9/2/2004	< 5	< 5	< 5	< 5
	12/30/2004	< 4.9	< 4.9	< 4.9	< 4.9
	12/30/2004 DUP (GPMW-10)	< 5	< 5	< 5	< 5
	2/24/2005	< 1.5	< 1.3	< 1.3	< 1.3
	6/28/2005	< 4.9	< 4.9	< 4.9	< 4.9
MW-C	7/26/2007	< 0.34	< 0.21	< 0.21	< 0.21
MW-DR	6/27/2006	< 0.49	< 0.56	< 0.56	< 0.49
	12/8/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.64	< 0.64	< 0.64	< 0.64
	2/12/2009	< 2.4	< 0.60	< 0.60	< 2.4
MW-E	2/24/2005	**33**	**1.5 J**	< 1.2	**34.5**
MW-I	**2/27/2001**	**< 4.9**	**< 4.9**	**--**	**< 4.9**
	12/30/2004	< 5	< 5	< 5	< 5
	2/24/2005	< 1.4	< 1.2	< 1.2	< 1.2
	6/28/2005	< 5	< 5	< 5	< 5
	6/27/2006	< 0.46	< 0.53	< 0.53	< 0.46
	12/8/2006	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/5/2007	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.65	< 0.65	< 0.65	< 0.65
	2/12/2009	< 2.4	< 0.60	< 0.60	< 2.4
MW-L	9/2/2004	**58**	< 5	< 5	**58**
MW-M	12/29/2004	**33**	< 5	< 5	**33**
MW-1	9/2/2004	< 5.1	< 5.1	< 5.1	< 5.1
MW-3 (GP)	3/2/2001	< 5	< 5	--	< 5
MW-4	2/26/2001	< 5	< 5	--	< 5
MW-4 (GP)	3/2/2001	< 5.1	< 5.1	--	< 5.1
MW-5 (GP)	3/2/2001	< 5	< 5	--	< 5
MW-6 (GP)	3/1/2001	< 4.9	< 4.9	--	< 4.9
MW-7 (GP)	3/2/2001	< 5	< 5	--	< 5
MW-9	6/27/2006	< 0.46	< 0.53	< 0.53	< 0.46
	12/6/2006	< 2.5	< 1.1	< 1.1	< 2.5
	12/6/2006 DUP (MW-9A)	< 2.5	< 1.1	< 1.1	< 2.5
	7/25/2007	< 0.34	< 0.21	< 0.21	< 0.21
	12/6/2007	< 0.35	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.65	< 0.66	< 0.66	< 0.65
	2/12/2009	< 2.5	< 0.61	< 0.61	< 2.5
MW-10	12/6/2007	< 0.34	< 0.21	< 0.21	< 0.21
	6/11/2008	< 0.64	< 0.64	< 0.64	< 0.64
	2/12/2009	< 2.5	< 0.61	< 0.61	< 2.5
GROUNDWATER CRITICAL PCLs					
	${}^{GW}GW_{Ing}$	0.98	0.98	0.98	NA
	${}^{Air}GW_{Inh-V}$ (30-acre source area)	230	970	970	NA

Notes:
mg/L - milligrams per liter or parts per million
(--) - not analyzed
< - denotes analyte was not detected above the reporting limit or sample quantitation limit (SQL)
J - analyte was positively identified below the method quantitation limit (MQL) and above the SQL, estimated value
NA - not applicable
PCLs - protective concentration levels
BOLD value indicates concentration detected at or above the SQL

TABLE 2
Groundwater Data Summary - Total Petroleum Hydrcarbons (TPH)

Municipal Setting Designation Application
Flex Tank Systems Facility - Channelview Terminal
16514 DeZavala Road
Channelview, Harris County, Texas
VCP No. 574

Sample ID	Sample Date	C6 to C12	C12 to C28	C28 to C35	C6 to C35 (Total)
		(mg/L)	(mg/L)	(mg/L)	(mg/L)

BOLD value highlighted in YELLOW indicates concentration detected at or above the critical residential ingestion PCL (without an MSD)
TPH analysis by Method TX1005