



City of Houston
Municipal Setting Designations (MSD) – Sampling Requirements after MSD
Approval Executive Order 1-72 (EO 1-72)
Acknowledgement Form

ExxonMobil Environmental
and Property Solutions _____ (**“MSD Applicant”**) has filed or is filing an application for a City of Houston Municipal Setting Designation (MSD). The MSD Applicant acknowledges and understands that such MSD application, whether previously filed or being filed at this time, was not approved prior to June 5, 2023, and is therefore subject to **City of Houston Executive Order 1-72 (“EO 1-72”) - “MUNICIPAL SETTING DESIGNATIONS – Sampling Requirements after MSD Approval”, effective as of June 5, 2023** (copy attached).

In accordance with the Code of Ordinance of the City of Houston, Texas, Article XIII (“Municipal Setting Designations), Sec. 47-762d)(24) and EO 1-72, the MSD Applicant acknowledges and agrees to abide by the requirements established in EO 1-72 as set forth below:

1. On and after June 5, 2023 (the effective date of **EO 1-72**), an MSD Applicant whose MSD application is approved (**“Approved MSD Applicant”**) is subject to the following additional requirements:
 - a. An Approved MSD Applicant shall continue to conduct sampling in accordance with a TCEQ, EPA, or comparable remediation program that is effective at the time an MSD application is approved by the City.
2. An Approved MSD Applicant shall notify the City within 30 days after receiving notice that the sampling required by a TCEQ or EPA or comparable remediation program is discontinued or terminated within the first four years after the date of approval of an MSD.

3. If sampling is discontinued, as identified above, an **Approved MSD Applicant will thereafter be subject to the sampling requirements set forth below:**
- a. If the site of the approved MSD is not subject to any continuing sampling requirements under a TCEQ, EPA, or comparable remediation program, then an Approved MSD Applicant shall conduct and report to the City and TCEQ the results of sampling for COCs identified during the MSD application process on the following schedule:
 - i. Four years after the date of MSD approval by the TCEQ, and
 - ii. Seven years after the date of MSD approval by the TCEQ.
 - b. An Approved MSD Applicant shall comply with any additional response action(s) required by TCEQ, EPA, or a comparable remediation program that is based on or arises because of the sampling conducted pursuant to subparagraph 3.a. above.

Fill out all information below and submit this form with your application packet.

ACKNOWLEDGED, AGREED TO AND ACCEPTED

MSD APPLICANT

MSD 2021-155-GCS

Application Number

Regan O'Brien

08/19/2024

Signature

Date

Regan O'Brien

Print Name

ExxonMobil Environmental and Property
Solutions

Company Name

978-727-6265

regan.obrien1@exxonmobil.com

Phone Number

Email Address

For more information about the MSD program please visit
<https://www.houstonpublicworks.org/municipal-settings-designation>

Questions about the MSD Program should be referred to:
E-Mail: msd@houstontx.gov or 832.394.8976

Municipal Setting Designation

Application Instructions

Pre-Application Meeting: While a pre-application meeting is not mandatory, it is strongly encouraged to discuss the specific details of the site. Please note: the City of Houston will not support a Municipal Settings Designation (MSD) application unless a Professional Geologist (P.G.) or Professional Engineer (P.E.) has certified that the groundwater plume is stable or decreasing, fully delineated, and the source has been removed. This statement should be supported with historical groundwater monitoring data showing the plume as stable or declining, and fully delineated.

Please contact Antoinette Warr at 832-394-8965, Antoinette.Warr@houston.tx.gov to schedule a pre-application meeting. Meetings will be held at 1002 Washington, Houston, TX 77002

Application Form: For the application to be complete please submit the following:

- 1) One (2) hard copy of the application (the well logs are not necessary for the hard copies but should be included in the electronic copy). Please separate the application appendices with divider sheets that are tabbed.
- 2) A completed Acknowledgement form must be included in packet.
- 3) An electronic portable digital file of the application including all supporting material (**SharePoint preferred**)
- 4) An electronic Excel file with mailing addresses for water well owners and property owners. (Templates can be found on the MSD website, <https://www.houstonpublicworks.org/municipal-settings-designation>)

The MSD application process is governed by Chapter 47, Article XIII of the City of Houston's Code of Ordinances (ordinance number 2007-959 and amended by ordinance number 2010-556). Failure to use this application form may result in denial of the application.

Please note, the City ordinance requires the Professional Engineer (P.E.) or Professional Geologist (P.G.) who signed the application, or someone that is familiar with the application, and the applicant or their legal representative (attorney) to be present at public meeting and public hearing. Failure of the required parties in attendance at the public meeting and public hearing will result in having to schedule a new meeting or hearing.

The application should be clear, complete, concise, correct, contain only relevant information and be organized to facilitate analysis. Supporting documentation should be submitted as a separate appendix to the application, as noted (Label "Appendix") for each numbered item.

Submittal: Submit the application form and all supporting information, along with an application fee of \$3,000.00 (payable to City of Houston) to the address below. The applicant must pay for the cost of advertising (approximately \$500 per advertisement add for public meeting) and the cost of producing and mailing notices, (approximately \$6.50 per certified mail and \$1.50 per first-class mail), and any applicable venue costs (costs vary by location). Mailings are done through the U.S. Post Office's Click2Mail system. Applicant will set up a (Joint) Click2Mail account giving COH access to username and password. At the time of mail outs, the applicant will pay by credit card directly to the U. S. Post Office's Click2Mail for processing and mailing the notices. The applicant will provide receipt of payment to COH.

Cassandra Walker
Administration Manager
Brownfields & MSDs
1002 Washington, 3rd Floor
Houston, Texas 77002

CITY OF HOUSTON



HOUSTON PUBLIC WORKS
HOUSTON WATER DIVISION

Application for Approval of Municipal Setting Designation

APPLICANT INFORMATION

Applicant's Name: ExxonMobil Environmental and Property Solutions
☐ Individual ☒ Private Entity ☐ Public Entity ☐ Non-Profit Entity ☐ Other _____
Address: 22777 Springwoods Village Pkwy Spring TX 77389
(Street) (City) (State) (Zip)
Phone No.: _____ Fax No.: _____
Email: _____

Contact Information

Name of Contact: Regan O'Brien
Title: Project Manager
Address: 1900 East Linden Ave Linden NJ 07036
(Street) (City) (State) (Zip)
Phone No.: 978-962-6334 Fax No.: _____
Email: regan.obrien1@exxonmobil.com

Application Preparation

Application Prepared by: Matthew Haak
Company: Kleinfelder
Address: 12000 Aerospace Ave, Suite 450 Houston TX 77034
(Street) (City) (State) (Zip)
Phone No.: 281.922.4766 Fax No.: _____
Email: MHaak@kleinfelder.com

SITE INFORMATION

Site HCAD No(s): 1152140000005 and 1152140000006

Site Name: Greens Crossroads Shopping Center

Site Size: 8.43 acres and 5.39 acres (13.82 acres combined)

Site Address: 205 and 215 W. Greens Rd. Houston TX 77067
(Street) (City) (State) (Zip)

(List all owners – additional sheet is attached, if needed)

Owner: Greens Crossroads LLC

Owner Address: 15821 Ventura Blvd Ste 455 Encino CA 91436-4718
(Street) (City) (State) (Zip)

Name of Contact: Shawn Bidsal

Title: _____

Organization: West Coast Investments Inc

Phone No.: 818-901-8800 Fax No.: _____

Email: wcico@yahoo.com

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

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(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

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(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

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Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

ITEM	COH Use Only
Executive Summary	
<p>1. Provide a legal description of the boundaries of the designated property, including metes and bounds, and a copy of the deed for the property. <u>A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate.</u></p> <p style="text-align: center;"><u>Label "Appendix A"</u></p>	
<p>2. A description of the current use and, to the extent known, the anticipated use(s) of the designated property and properties within 500 feet of the boundary of the designated property.</p> <p style="text-align: center;"><u>Label "Appendix B"</u></p>	
<p>3. A site map showing. Label & address each separately, i.e., a, b, c, d, e, f, g</p> <ul style="list-style-type: none"> 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 <u>including the nearest surface water body</u> and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances. 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 exceedence zone for each contaminant of concern, to the extent known. g. Depth to groundwater for each affected zone. <p style="text-align: center;"><u>Label "Appendix C"</u></p>	
<p>4. List each contaminant of concern within the designated groundwater then describe:</p> <ul style="list-style-type: none"> a. A description of the ingestion protective concentration level exceedence zone and the non-ingestion protective concentration level exceedence 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). <p style="text-align: center;"><u>Label "Appendix D"</u></p>	
<p>5. A table and graph displaying the following information for each contaminant of concern, to the extent known:</p> <ul style="list-style-type: none"> a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater. b. The critical protective concentration level without the municipal setting designation, highlighting any exceedences. <p style="text-align: center;"><u>Label "Appendix E"</u></p>	

ITEM	COH Use Only
<p>6. If the plume extends beyond the limits of property owners listed in this application, list the owners of the additional property beneath which the plume(s) extend(s), and a summary of interactions with those property owners about the plume(s) and this MSD application. Please Note: You are not required under this item to notify affected property owners, only to provide a summary of who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer.</p> <p style="text-align: center;"><u>Label "Appendix F"</u></p>	
<p>A statement that the plume of contamination is stable (i.e., no change) or contracting and delineated, with the basis for that statement. Please include historical sampling data and Graph.</p> <p style="text-align: center;"><u>Label "Appendix G"</u></p>	
<p>7. A statement as to whether contamination on and off the designated property <u>without</u> a Municipal Setting Designation <u>will exceed</u> a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.</p> <p style="text-align: center;"><u>Label "Appendix H"</u></p>	
<p>8. A statement as to whether contamination on and off the designated property <u>with</u> a Municipal Setting Designation <u>will exceed</u> a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.</p> <p style="text-align: center;"><u>Label "Appendix I"</u></p>	
<p>Identification and discussion of the points of origin of the contamination, to the extent known. Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (applications without the PRP listed will be deemed incomplete)</p> <p style="text-align: center;"><u>Label "Appendix J"</u></p>	
<p>9. Environmental regulatory actions, litigation, and plume identification. Label & address each separately, i.e., a, b, c, d</p> <ul style="list-style-type: none"> a. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known. b. A description of any litigation that has taken place within the past five years in connection with the designated property, to the extent known. c. A statement as to whether there are any other remediation activities by the applicant, or any other party or agency, which are not listed in the application. d. A statement as to which contamination plume and groundwater zone the applicant is including in the MSD. <p style="text-align: center;"><u>Label "Appendix K"</u></p>	
<p>10. A listing of all existing state or EPA registrations, permits, and identification numbers that applies to the designated property.</p> <p style="text-align: center;"><u>Label "Appendix L"</u></p>	

ITEM	COH Use Only
<p>Provide evidence that the designated property is currently or has previously been under the oversight of the TCEQ or the United States Environmental Protection Agency, as required by the Texas Health & Safety Code § 361.8065(c)(2)(A), and a description of the status of the designated property in the program (the program application number is sufficient evidence). Also, include the state or federal cleanup project manager's name. Please note, the City of Houston does not accept (consider?) sites enrolled in the Innocent Owner/Operator Program due to the lack of state/federal oversight.</p> <p><u>Label "Appendix M"</u></p>	
<p>11. A summary of any environmental site assessment reports filed with TCEQ regarding any site investigations or response actions that are planned, ongoing or completed related to the designated property.</p> <p><u>Label "Appendix N"</u></p>	
<p>A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each supply system. Please include a map of available water lines within one-half mile found at https://geogimsprod.houstontx.gov/html5viewer/index.html?viewer=geolin-public.</p> <p><u>Label "Appendix O"</u></p>	
<p>12. The name and address of each owner or operator of a water well registered or permitted by the state or the Houston-Galveston Subsidence District that is located within five miles of the boundary of the designated property, along with a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water. Well logs <u>must</u> be included in the electronic copy of the application but should not be included in the hard copies. (An accompanying electronic excel file with mailing information should be included with your application.)</p> <p>Add Super Neighborhoods & council members in the district to the mailing list.</p> <p><u>Label "Appendix P"</u></p>	
<p>13. The name and address of each retail public utility, as defined in section 13.002 of the Texas Water Code that owns or operates a groundwater supply well within five miles of the boundary of the designated property.</p> <p><u>Label "Appendix Q"</u></p>	
<p>14. A listing of each municipality, other than the city of Houston, with a corporate limit within one-half mile of the boundary of the designated property.</p> <p><u>Label "Appendix R"</u></p>	
<p>15. A listing of each municipality, other than the city of Houston, that owns or operates a groundwater supply well within five miles of the boundary of the designated property.</p> <p><u>Label "Appendix S"</u></p>	
<p>16. A listing of owners of real property within 2,500 ft. of the boundary of the designated property as indicated by the most recent appraisal district records. Please Note: This requirement may include real property outside the City of Houston. Be sure to include ALL properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application.)</p> <p><u>Label "Appendix T"</u></p>	

ITEM	COH Use Only
<p>17. Form U-2012-01 signed and sealed by a licensed professional engineer or licensed professional geoscientist authorized to practice in the State of Texas with expertise in environmental remediation. (Form U-2012-01 can be found at https://www.houstonpublicworks.org/municipal-settings-designation under the "Forms" section on the homepage.)</p> <p>Signing and sealing Form U-2012-01 certifies:</p> <ol style="list-style-type: none"> The contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not [do exceed] OR [do not exceed] a non-ingestion protective concentration level on property beyond the boundaries of the designated property. (select the appropriate statement) All requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size. <p style="text-align: center;"><u>Label "Appendix U"</u></p>	
<p>18. If the licensed professional engineer or licensed professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more likely than not do exceed a non-ingestion protective concentration level on property beyond the boundary of the designated property, then the applicant must:</p> <ol style="list-style-type: none"> Specify the name and address of the owner of each property. Send a copy of the application to the owner of the property with the notice of the public meeting. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedance zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (section 361.501 of the Texas Health and Safety Code, as may be amended from time to time). Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedances have been addressed to the satisfaction of the agency administering the program. <p style="text-align: center;"><u>Label "Appendix V"</u></p>	
<p>19. Form W-2012-01 certified/signed by the applicant and any authorized representatives of the applicant(s) listed in the application. (Form W-2012-01 is attached to the end of this application and can also be found at https://www.houstonpublicworks.org/municipal-settings-designation under the "Forms" section on the homepage.)</p> <p style="text-align: center;"><u>Label "Appendix W"</u></p>	
<p>20. Form X-2012-01 signed by the property owner or authorized agent (if an authorized agent, you must provide the legal authorization instrument). (Form W-2012-01 is attached to the end of this application and can also be found at https://www.houstonpublicworks.org/municipal-settings-designation under the "Forms" section on the homepage.)</p> <p style="text-align: center;"><u>Label "Appendix X"</u></p>	
<p>21. A pdf file of the application, Excel spreadsheet of water well owners and property owners for mailing notices, and the pdf file of the well log report.</p> <p style="text-align: center;"><u>Label "Appendix Y"</u></p>	

CITY OF HOUSTON



HOUSTON PUBLIC WORKS
HOUSTON WATER DIVISION

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

This MSD application is submitted for the designated property (Site) at 205 and 215 W. Greens Road, Houston, Texas 77067 on behalf of ExxonMobil, the former property owner who retains environmental liability for the property. Documents submitted to the TCEQ identify this property as 217 W. Greens Rd., but they are the same property. This application is also submitted with the concurrence of the landowner, Greens Crossroads, LLC. Groundwater contamination at the Site is the result of a tetrachloroethylene (PCE) release of unknown quantity between 1989 and 1995 by a dry cleaner tenant at 215 W. Greens Road, Clenet Cleaners. The property is currently being used as retail commercial, and its current owner is Greens Crossroads, LLC. The Site is bordered to the east by industrial use property for the bulk storage of petroleum products along the I-45 southbound frontage. The Site is bordered to the south by city-owned property that is currently City of Houston Fire Station 84. The remaining property in the immediate vicinity consists predominantly of commercial, office, and industrial properties along the I-45 freeway and W. Greens Road.

Chemicals of concern (COCs) in groundwater include PCE and its daughter products/degradation byproducts: trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethylene (trans-1,2-DCE), 1,1-dichloroethylene (1,1-DCE), and vinyl chloride (VC). This class of chemicals is generally referred to as chlorinated ethenes or chlorinated hydrocarbons. No non-aqueous phase liquid (NAPL) has been observed at the Site during groundwater monitoring, which has been ongoing since 1996.

The designated property has been in a regulatory program since the discovery of groundwater contamination in 1996. It was entered into the Texas Commission on Environmental Quality (TCEQ) Industrial and Hazardous Waste (IHW) Corrective Action Program on November 22, 2002. Its assigned Solid Waste Registration (SWR) ID No. 84495, and its TCEQ Corrective Action Program Project Manager is Mike Duffin. The applicable program rules are Texas Risk Reduction Program (TRRP) rules.

ExxonMobil and its consultants have completed several active remediation measures at the designated property from 1996 to 2003. The first of these was a single-well groundwater recovery and treatment system that ran from 1996 until 2000. After the system's shutdown, two potassium permanganate (KMnO₄) injections were completed as in-situ chemical oxidation measures – these injections occurred in October 2000 and May 2001. In January and July 2008, two pilot tests of injected zero valent iron (ZVI) reagent were completed near MW-1 and MW-8S, respectively. This technology removes mass via in-situ chemical reduction of chlorinated ethenes. In 2013, a full-scale implementation of a ZVI and slow-release carbon reagent remedy was completed. This permeable reactive barrier (PRB) was placed via injection through closely-spaced hollow stem auger borings, and it appears that the passive effects of the barrier (enhancement of native microbial attenuation processes) are still ongoing.

In addition to the active remedies deployed at the designated property, there is credible evidence of natural attenuation processes in Site groundwater. The primary line of evidence is a measurable decrease in PCE concentrations coupled with observed increases in the daughter products of PCE. Additionally, secondary lines of evidence, such as total organic carbon concentrations and the presence of dissolved gases (methane, ethane, and ethene) were

evaluated during a three-phase monitored natural attenuation (MNA) demonstration completed between 1998 and 2000.

Routine groundwater monitoring has been ongoing since 1996 and serves as evidence for plume stability at the designated property. Additionally, the dissolved-phase chlorinated ethene plume has been delineated to residential ingestion-based protective concentration levels (PCLs) since October 2016. The PCLE zone for all constituents is contained entirely within the Site, therefore it appears that no groundwater contamination impacts any of the neighboring properties. Careful analysis of the time-series groundwater monitoring data also suggests that PCE concentrations have been declining since 1996, and that the areal extent of the plume (including degradation products) has been stable or contracting since 2012.

As of the most recent groundwater monitoring event completed in November 2023, natural attenuation processes continue to occur and the plume remains stable.

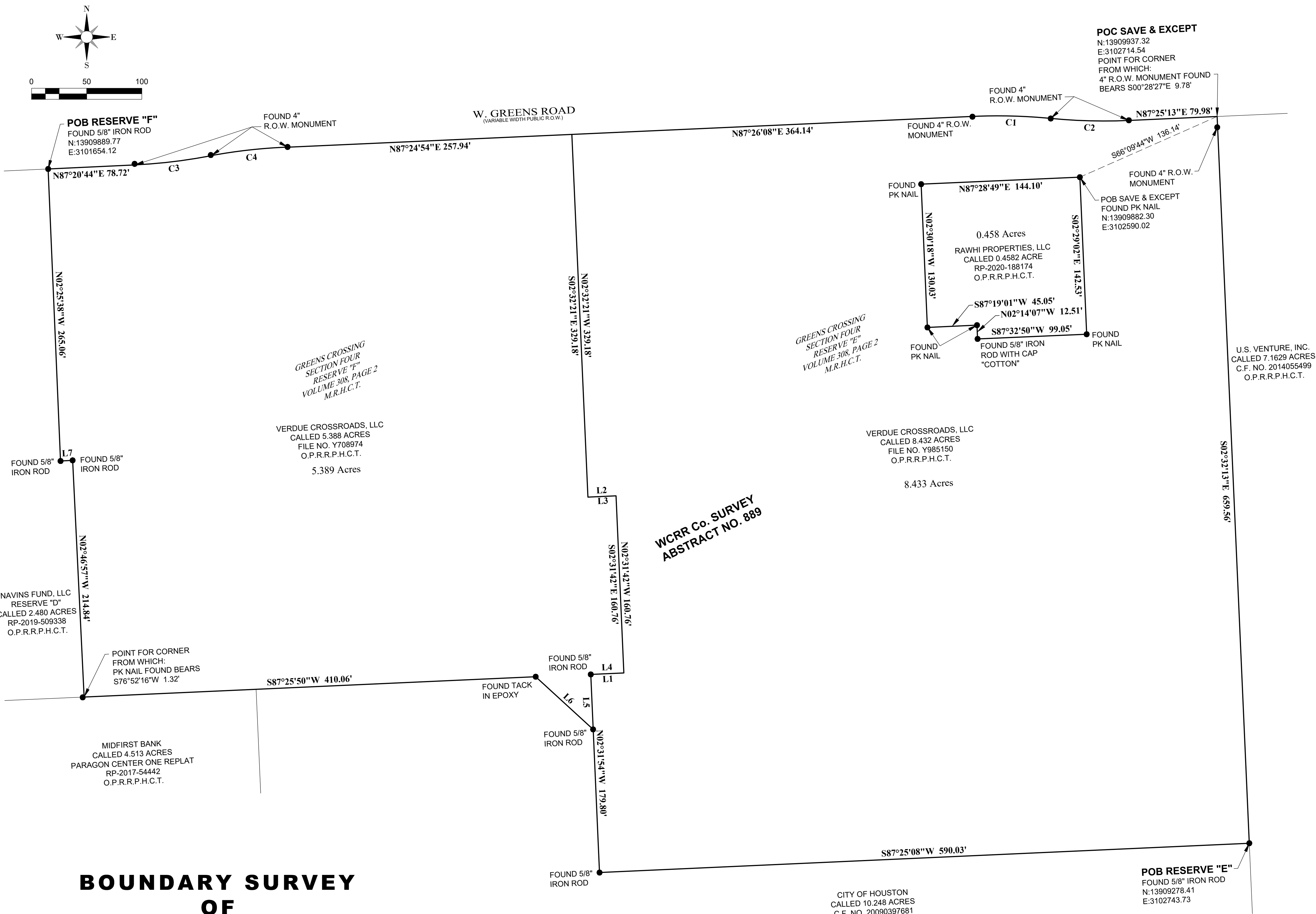
In summary, the designated property meets all of the eligibility criteria for MSD in the City of Houston:

- The plume is stable (i.e. no change) or decreasing in areal extent – the groundwater monitoring data suggests that COC concentrations are stable to decreasing and that the plume's areal extent has decreased by approximately 50% since December 2012;
- The plume is delineated to the ^{GW}GW_{Ing} PCL, and has been since October 2016;
- The Site has been enrolled in a state corrective action program since 1996, and its current program is TCEQ Industrial and Hazardous Waste (IHW) Corrective Action Program;
- The Site has been thoroughly investigated with sufficient data – investigation and groundwater monitoring has been ongoing since 1996;
- The source of contamination has been removed – the dry cleaner is no longer operational and several active and passive mass removal measures have been deployed at the Site.

APPENDIX A

Provide a legal description of the boundaries of the designated property, including metes and bounds, and copy of the deed for the property. A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate.

LJA Surveying, Inc., a professional land surveyor, was contracted to perform a survey of the property boundaries. A copy of the provided survey plat with legal description, including metes and bounds, and deed of record, is attached.



**BOUNDARY SURVEY
OF
GREENS CROSSING SECTION 4
RESERVE "E" & RESERVE "F"
IN THE
WCRR Co. SURVEY
ABSTRACT NO. 889
HARRIS COUNTY, TEXAS**

LJA SURVEYING

TBPLS Firm No 10105600
2615 Calder Ave, Suite 500
Beaumont, Texas 77702
Tel: 409.833.3363

ABBREVIATIONS

POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
R.O.W.	RIGHT-OF-WAY
O.P.R.R.P.H.C.T.	OFFICIAL PUBLIC RECORDS REAL PROPERTY HARRIS COUNTY TEXAS
M.R.H.C.T.	MAP RECORDS HARRIS COUNTY TEXAS

GENERAL NOTES

- ALL BEARINGS, DISTANCES AND COORDINATES ARE BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1983 (2011 EPOCH), SOUTH CENTRAL ZONE '4204' (U.S. SURVEY FOOT). FOR SURFACE DISTANCES AND ACREAGES, MULTIPLY GRID VALUES BY A COMBINED SCALE FACTOR OF 1.00013.
- NOTHING IN THIS SURVEY IS INTENDED TO EXPRESS AN OPINION REGARDING OWNERSHIP OF TITLE TO ANY PROPERTY.
- BOUNDARY SURVEY ONLY, NO IMPROVEMENTS OR EASEMENTS IF ANY, RESEARCHED OR SHOWN HEREON.
- THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT.

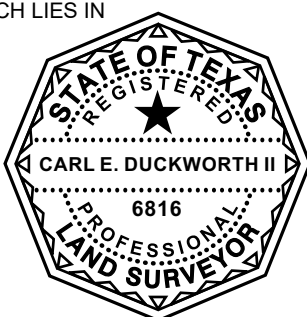
SURVEYED FOR

KLEINFELDER
12000 AEROSPACE AVE, SUITE 450
HOUSTON, TX 77034

SURVEYOR'S CERTIFICATION

THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS SURVEY PLAT ACCURATELY REPRESENTS AN ON THE GROUND SURVEY MADE UNDER MY DIRECT SUPERVISION ON NOVEMBER 18, 2020, AND IS BEING SUBMITTED ALONG WITH THE SURVEYOR'S FIELD NOTE DESCRIPTION OF THE PROPERTY SHOWN HEREON, WHICH LIES IN HARRIS COUNTY, TEXAS.

Carl E. Duckworth II
REGISTERED PROFESSIONAL LAND SURVEYOR
CARL E. DUCKWORTH, 6816



LINE TABLE

LINE	BEARING	DISTANCE
L1	N 87°25'13" E	30.00'
L2	S 87°25'13" W	25.50'
L3	N 87°25'13" E	25.50'
L4	S 87°25'13" W	30.00'
L5	S 02°31'54" E	49.98'
L6	N 47°29'07" W	70.80'
L7	S 86°42'43" W	110.98'

CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	500.00'	70.85'	70.79'	S88°30'19"E	8°07'07"
C2	499.83'	71.00'	70.94'	S88°30'41"E	8°08'21"
C3	500.00'	69.81'	69.75'	N83°06'25"E	7°59'53"
C4	481.79'	70.00'	69.93'	N83°40'39"E	8°19'26"

METES AND BOUNDS DESCRIPTIONS

GREENS CROSSING SECTION FOUR RESTRICTED RESERVE "E"

BEING 8.433 acres of land consisting of that certain Verdure Crossroads, LLC (called 8.432 acres of land) recorded in Clerk's File No. Y985150 of the Official Public Records for Real Property in Harris County, Texas, out of the W.C.R.R.Co. Survey, Abstract No. 889, Harris County, Texas, and being part of Restricted Reserve "E" of Greens Crossing Section Four as shown in Volume 308, Page 2 of the Harris County Map Records and part of a called 8.690 acre tract in the Warranty Deed recorded under Clerk's File No. G819152 said Official Public Records, said 8.433 acres of land being more fully described as follows:

BEGINNING at a 5/8" iron rod found marking the most Eastern Northeast corner of that certain called 10.248 acre tract conveyed to the City of Houston in Clerk's File No. 20090397681 of said Official Public Records, same being a point in the West line of that certain called 7.1629 acre tract conveyed to U.S. Venture, Inc. in Clerk's File No. 2014055499 of said Official Public Records, and the Southeast corner of the herein described tract of land;

THENCE South 87 deg. 25 min. 08 sec. West along and with a North line of the said 10.248 acre tract a distance of 590.03 feet to a 5/8" iron rod found marking an interior corner of the said 10.248 acre tract, and the Southwest corner of the herein described tract of land;

THENCE North 02 deg. 31 min. 54 sec. West along and with the said 10.248 acre tract a distance of 128.82 feet passing a 5/8" iron rod found marking an angle point of the said 10.248 acre tract, same being the Southeast corner of that certain called 5.338 acre tract conveyed to Verdure Crossroads, LLC in Clerk's File No. Y708974 of the said Official Public Records and continuing a total distance of 179.80 feet to a 5/8" iron rod marking an angle point in East line of said 5.338 acre tract and an angle point in the West line of the herein described tract of land;

THENCE along and with the East line of the said 5.338 acre tract and the West line of the herein described tract of land the following courses and distances;

North 87 deg. 25 min. 13 sec. East a distance of 30.00 feet to an angle point for corner;
North 02 deg. 31 min. 42 sec. West a distance of 160.76 feet to an angle point for corner;
South 87 deg. 25 min. 13 sec. West a distance of 25.50 feet to an angle point for corner;
North 02 deg. 32 min. 21 sec. West a distance of 329.18 feet to a point for the Northeast corner of the said 5.338 acre tract, same being a point in the South right-of-way of W. Greens Road (a public right-of-way, width varies) and the Northwest corner of the herein described tract of land;

THENCE North 87 deg. 26 min. 08 sec. East along and with the said South right-of-way a distance of 364.14 feet to a 4-inch concrete right-of-way monument found for the beginning of a curve to the right having a radius of 500.00 feet, a delta angle of 08 deg. 07 min. 07 sec., a chord bearing of South 88 deg. 30 min. 19 sec. East and a chord length of 70.79 feet and a point in the North line of the herein described tract of land;

THENCE along and with the said south right-of-way and the said curve to the right a distance of 70.85 feet to a 4-inch concrete right-of-way monument found for the beginning of a reverse curve to the left having a radius of 499.83 feet, a delta angle of 08 deg. 08 min. 21 sec., a chord bearing of South 88 deg. 30 min. 41 sec. East and a chord length of 70.94 feet, and a point in the North line of the herein described tract of land;

THENCE along and with the said South right-of-way and said curve to the left, a distance of 71.00 feet to a 4-inch concrete right-of-way monument found for a corner in the said South right-of-way and a point in the North line of the herein described tract of land;

THENCE North 87 deg. 25 min. 13 sec. East along and with the said South right-of-way a distance of 79.98 feet to a point for corner in the said south right-of-way and the Northeast corner of the herein described tract of land from which a 4-inch concrete highway monument marking the said South right-of-way bears South 00 deg. 28 min. 27 sec. East a distance of 9.78 feet;

THENCE South 02 deg. 32 min. 13 sec. East along and with the West line of the said 7.1629 acres tract a distance of 659.56 feet to the POINT OF BEGINNING of the herein described tract of land, containing 8.891 acres of land, more or less.

SAVE AND EXCEPT 0.458 acre

BEING a 0.458 acre tract of land (called 0.4582 acre) conveyed to RAWHI Properties, LLC in Clerk's File No. RP-2020-188174 of the Official Public Records for Real property of Harris County, Texas out of the W.C.R.R.Co. Survey, Abstract No. 889, Harris County, Texas, and being part of Restricted Reserve "E" of Greens Crossing Section Four as shown in Volume 308, Page 2 of the Harris County Map Records, said 0.458 acre of land being more fully described as follows:

COMMENCING at a point for the Northeast corner the said Reserve "E";

THENCE South 66 deg. 09 min. 44 sec. West over and across said Reserve "E" a distance of 136.14 feet to a PK nail found marking the Northeast corner and the POINT OF BEGINNING of the herein described tract of land;

THENCE South 02 deg. 29 min. 02 sec. East over and across said Reserve "E" a distance of 142.53 feet to a PK nail found marking the Southeast corner of the herein described tract of land;

THENCE South 87 deg. 32 min. 50 sec. West over and across said Reserve "E" a distance of 99.05 feet to a 5/8" iron rod with cap stamped "COTTON" found marking an angle point in the South line of the herein described tract of land;

THENCE North 02 deg. 14 min. 07 sec. West over and across said Reserve "E" a distance of 12.51 feet to a PK nail found marking an interior angle point of the herein described tract of land;

THENCE South 87 deg. 19 min. 01 sec. West over and across said Reserve "E" a distance of 45.05 feet to a PK nail found marking the Southwest corner of the herein described tract of land;

THENCE North 02 deg. 30 min. 18 sec. West over and across said Reserve "E" a distance of 130.03 feet to a PK nail found marking the Northwest corner of the herein described tract of land;

THENCE North 87 deg. 28 min. 49 sec. East over and across said Reserve "E" a distance of 144.10 feet to the POINT OF BEGINNING of the herein described tract of land, containing 0.458 acre more or less, for a total of 8.433 acres of land, more or less.

GREENS CROSSING SECTION FOUR RESTRICTED RESERVE "F"

BEING a 5.389 acre tract of land conveyed to Verdure Crossroads, LLC (called 5.388 acres) in Clerk's File No. Y708974 of the Official Public Records for Real Property in Harris County, Texas, in the W.C.R.R.Co. Survey, Abstract No. 889, Harris County, Texas, being Restricted Reserve "E" of Greens Crossing Section Four as shown in Volume 308, Page 2 of the Harris County Map Records and said 5.389 acres of land being more fully described as follows:

BEGINNING at a 5/8" iron rod found marking the Northeast corner of that certain called 2.480 acre tract being Reserve "D" Greens Crossing Section Four as shown in Volume 308, Page 2 of the Harris County Map Records conveyed to Navins Fund, LLC in Clerk's File No. RP 2019-509338 of the said Official Public Records, same being a point in the South right-of-way of W. Greens Road (a public right-of-way, width varies) and the Northwest corner of the herein described tract of land;

THENCE North 87 deg. 20 min. 44 sec. East, along and with the said South right-of-way a distance of 78.72 feet to a 4-inch concrete right-of-way monument found for the beginning of a curve to the left having a radius of 500.00 feet, a delta angle of 07 deg. 59 min. 57 sec., a chord bearing of North 83 deg. 06 min. 25 sec. East and a chord length of 69.75 feet, and a point in the North line of the herein described tract of land;

THENCE along and with the said South right-of-way and said curve to the left, a distance of 69.81 feet to a 4-inch concrete right-of-way monument found for the beginning of a reverse curve to the right having a radius of 481.79 feet, a delta angle of 08 deg. 19 min. 26 sec., a chord bearing of North 83 deg. 40 min. 39 sec. East and a chord length of 69.93 feet, and a point in the North line of the herein described tract of land;

THENCE along and with said South right-of-way and said curve to the right, a distance of 70.00 feet to a 4-inch concrete right-of-way monument found marking a point in the North line of the herein described tract of land;

THENCE North 87 deg. 24 min. 54 sec. East, along and with the said South right-of-way a distance of 257.94 feet to a point in the said South right-of-way, same being the Northwest corner of that certain Verdure Crossroads called 8.432 acre tract conveyed in Clerk's file No. Y985150 and the Northeast corner of the herein described tract of land;

THENCE along and with the West line of the said 8.432 acre the following courses and distances;

South 02 deg. 32 min. 21 sec. East, a distance of 329.18 feet to a point for corner;
North 87 deg. 25 min. 13 sec. East, a distance of 25.50 feet to a point for corner;
North 02 deg. 31 min. 42 sec. East, a distance of 160.76 feet to a point for corner;
South 87 deg. 25 min. 13 sec. West, a distance of 30.00 feet to a 5/8-inch iron rod found for corner;
South 02 deg. 31 min. 54 sec. East, a distance of 49.98 feet to a 5/8-inch iron rod found marking a point in the West line of said 8.432 acre tract, same being an angle point in the East line of that certain City of Houston called 10.248 acre tract conveyed in Clerk's file No. 20090397681 of the said Official Public Records, and the Southeast corner of the herein described tract of land;

THENCE North 47 deg. 29 min. 07 sec. West along and with the North line of said 10.248 acre tract a distance of 70.80 feet to a tack in epoxy found marking an angle point in the North line of the said 10.248 acre tract and an angle point in the South line of the herein described tract of land;

THENCE South 87 deg. 25 min. 50 sec. West along and with the North line of the said 10.248 acre tract and the north line of that certain Midfirst Bank called 4.513 acre tract conveyed in Clerk's File No. RP-2017-54442 of the said Official Public Records, a distance of 410.06 feet to a point in the North line of the said 4.513 acre tract, same being the Southeast corner of the said Reserve "D" tract, and the Southwest corner of the herein described tract of land, from which a PK nail found bears South 76 deg. 52 min. 16 sec. West, a distance of 1.32 feet;

THENCE North 02 deg. 46 min. 57 sec. West along and with the East line of the said Reserve "D", a distance of 214.84 feet to a 5/8-inch iron rod found for an angle point in the East line of the said Reserve "D" and an angle point in the West line of the herein described tract of land;

THENCE South 86 deg. 42 min. 43 sec. West along and with the East line of the said Reserve "D" tract, a distance of 10.98 feet to a 5/8-inch iron rod found for an angle point in the East line of the said Reserve "D" and an angle point in the West line of the herein described tract of land corner;

THENCE North 02 deg. 25 min. 38 sec. West along and with the East line of the said Reserve "D", a distance of 265.06 feet to the **POINT OF BEGINNING**, and containing 5.389 acres of land, more or less.

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NOTICE OF CONFIDENTIALITY RIGHTS:

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

Y708974
08/22/05 300680049

\$30.00

THE STATE OF TEXAS §
§
COUNTY OF HARRIS §

KNOW ALL MEN BY THESE PRESENTS:

UN
THAT, IUI GREENS CROSSROADS, LTD. ("Grantor), a Texas limited partnership acting herein by and through its duly authorized general partner, Intercontinental United Investors, L.P., a Texas limited partnership and successor by conversion to Intercontinental United Investors Corp., acting herein by and through its duly authorized general partner, Intercontinental United Investors I, L.L.C., a Texas limited liability company, for and in consideration of the sum of \$10.00 and other good and valuable consideration in hand paid to Grantor by VERDURE CROSSROADS, LLC ("Grantee"), a Delaware limited liability company duly authorized to transact business in the State of Texas, whose mailing address is 5039 Huntwick Parc Court and for the further consideration of the execution and delivery by Grantee of those two certain Promissory Notes dated as of August 17, 2005 (collectively the "Note"), in the respective principal amounts of \$4,545,600.00 and \$3,254,400.00, payable to the order of GMAC Commercial Mortgage Corporation (together with its successors and assigns, hereinafter called "Lender"), as therein provided and bearing interest at the rate therein specified, which Note represents funds advanced by Lender to Grantor at the request of Grantee, as well as additional funds to be advanced by Lender to Grantee after the date hereof, the payment of which Note is secured by a Vendor's Lien herein retained in favor of Lender, and additionally secured by that certain Deed of Trust, Assignment of Rents and Leases, Security Agreement and Fixture Filing dated as of even date with the Note, from Grantee to Keith Mullins, as Trustee, the receipt and sufficiency of such consideration being hereby acknowledged, has GRANTED, SOLD AND CONVEYED and by these presents does GRANT, SELL AND CONVEY unto Grantee that certain tract of real property located in Harris County, Texas and consisting of 5.388 acres, all being described in Exhibit A attached hereto and made a part hereof for all purposes, together with all improvements located thereon, (said real property and improvements are herein collectively referred to as the "Property"); subject, however, to those matters more particularly described in Exhibit B attached hereto and made a part hereof for all purposes (collectively, the "Permitted Exceptions").

1111
Houston,
Texas
77069

RF 010-30-1022

After Recording Return to:
Alamo Title Company
5599 San Felipe, Suite 1400
Houston, Texas 77056
GF#40002020

TO HAVE AND TO HOLD the Property, together with all rights, easements and appurtenances pertaining thereto, including all of Grantor's right, title and interest in and to adjoining streets, alleys and rights-of-way, unto Grantee and Grantee's successors and assigns forever, subject to the Permitted Exceptions; and Grantor does hereby bind itself and its successors to warrant and forever defend the Property unto Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through, or under Grantor, but not otherwise.

BUT IT EXPRESSLY AGREED and stipulated that a Vendor's Lien, as well as Superior Title in and to the Property is retained herein by Grantor and is hereby ASSIGNED and TRANSFERRED, without recourse or warranty, to Lender, which will hold the Vendor's Lien and Superior Title in and to the Property until the Note and all interest and other charges therein stipulated are fully and finally paid according to the face, tenor, effect and reading of the Note, when this Special Warranty Deed shall become absolute.

BY ACCEPTANCE HEREOF, GRANTEE REPRESENTS THAT IT HAS INSPECTED THE PROPERTY, THE PHYSICAL AND ENVIRONMENTAL CONDITION AND THE USES THEREOF AND THE FIXTURES, EQUIPMENT AND PERSONAL PROPERTY INCLUDED IN THIS CONVEYANCE TO ITS SATISFACTION, THAT IT HAS INDEPENDENTLY INVESTIGATED, ANALYZED AND APPRAISED THE VALUE AND PROFITABILITY OF THE PROPERTY, THE CREDITWORTHINESS OF TENANTS AND THE PRESENCE OF HAZARDOUS MATERIALS, IF ANY, IN OR ON THE PROPERTY, THAT IT HAS REVIEWED THE LEASES AND ALL OTHER CONTRACTS RELATING TO THE PROPERTY, AND THAT IN PURCHASING THE PROPERTY, HAS RELIED UPON ITS OWN INVESTIGATIONS, ANALYSES, STUDIES AND APPRAISALS AND NOT UPON ANY INFORMATION PROVIDED TO GRANTEE BY OR ON BEHALF OF GRANTOR WITH RESPECT THERETO (EXCEPT IN EACH CASE TO THE EXTENT COVERED BY ANY EXPRESS WARRANTIES OR REPRESENTATIONS OF GRANTOR SET FORTH IN THIS DEED OR ANY OTHER DOCUMENT OR INSTRUMENT DELIVERED BY GRANTOR IN CONNECTION WITH THIS CONVEYANCE). ACCORDINGLY, BY ACCEPTANCE HEREOF, GRANTEE AGREES TO ACCEPT THE PROPERTY "AS IS," "WITH ALL FAULTS" AND IN ITS CONDITION AS AT THE DATE HEREOF, INCLUDING REASONABLE WEAR AND TEAR, AND GRANTEE HEREBY ASSUMES THE RISK THAT ADVERSE MATTERS, INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION DEFECTS AND ADVERSE PHYSICAL AND ENVIRONMENTAL CONDITIONS, MAY NOT HAVE BEEN REVEALED BY GRANTEE'S INVESTIGATIONS. BY ACCEPTANCE HEREOF, GRANTEE SHALL BE DEEMED TO HAVE WAIVED, RELINQUISHED AND RELEASED GRANTOR FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, CAUSES OF ACTION, LOSSES, DAMAGES, LIABILITIES, COSTS AND EXPENSES (INCLUDING ATTORNEYS' FEES AND COURT COSTS) OF ANY AND EVERY KIND OR CHARACTER, KNOWN OR UNKNOWN, WHICH GRANTEE MIGHT HAVE ASSERTED OR ALLEGED AGAINST GRANTOR BY REASON OF OR ARISING OUT OF ANY LATENT OR PATENT CONSTRUCTION

DEFECTS OR PHYSICAL CONDITIONS, VIOLATIONS OF APPLICABLE LAWS (INCLUDING, WITHOUT LIMITATION, ENVIRONMENTAL LAWS) AND ANY AND ALL OTHER ACTS, OMISSIONS, EVENTS, CIRCUMSTANCES OR MATTERS WITH RESPECT TO THE PROPERTY (INCLUDING CONDITION OF THE PROPERTY, HABITABILITY, MERCHANTABILITY, MARKETABILITY, FINANCIABILITY, OR FITNESS FOR A PARTICULAR PURPOSE).

All ad valorem taxes and assessments for the Property for the current calendar year have been prorated by the parties hereto as of the date of this Special Warranty Deed and, by acceptable hereof, Grantee hereby assumes liability for the payment thereof.

IN WITNESS WHEREOF, this Special Warranty Deed has been executed as of this _____ day of August, 2005.

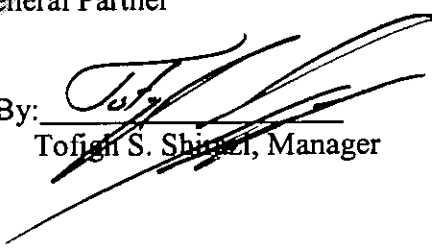
GRANTOR:

IUI Greens Crossroads, Ltd.
A Texas limited partnership

By: Intercontinental United Investors, L.P.
A Texas limited partnership
Its General Partner

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By: Intercontinental United Investors I, L.L.C.
A Texas limited liability company
Its General Partner

By: 
Tofigh S. Shirazi, Manager

STATE OF TEXAS
COUNTY OF HARRIS

§
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BEFORE ME, the undersigned Notary Public, on this 16 day of August, 2005, personally appeared Tofigh S. Shirazi, Manager of Intercontinental United Investors I, L.L.C., a Texas limited liability company and General Partner of Intercontinental United Investors, L.P., a Texas limited partnership and General Partner of IUI Greens Crossroads, Ltd., a Texas limited partnership, known to me personally to be the person whose name is subscribed to the foregoing document, and acknowledged that he executed the foregoing document on behalf of such limited liability company and as the act of such limited partnerships, in the capacities and for the purposes and consideration therein expressed.

My Commission Expires:

2/28/8.

Carol S. Warner

Notary Public in and for the State of Texas

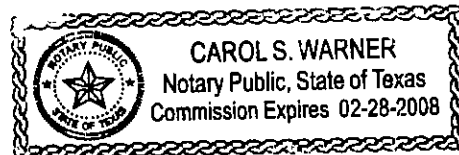
CAROL S. WARNER

Printed Name

NAME AND ADDRESS OF GRANTEE
WHERE FUTURE TAX STATEMENTS
SHOULD BE DELIVERED:

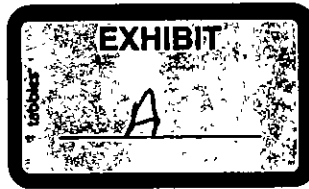
Verdure Crossroads, LLC

5P39, Huntwick Parc Court
Houston, Texas 77069.



AFTER RECORDING RETURN TO:

RP 010-30-1025



August 11, 2003
Job No. 1771-0001-002

METES AND BOUNDS DESCRIPTION
OF 5.388 ACRES (234,710 SQUARE FEET)

All that certain tract or parcel containing 5.388 acres (234,710 square feet), of land in the W.C.R.R. Company Survey, Abstract No. 889, Harris County, Texas, being all of that certain called 5.388 acre tract conveyed to IUI Greens Crossroads, LTD., by an instrument of record under County Clerk's File R848562, Film Code 507-70-0137 of the Official Public Records Of Real Property of Harris County (H.C.O.P.R.O.R.P.), also being a portion of Restricted Reserve "F" of Greens Crossing Section Four, a subdivision as recorded in Volume 308, Page 2 of the Harris County Map Records (H.C.M.R.), and a portion of Unrestricted Reserve "E" of Greens Crossing Section Five, a subdivision as recorded in Volume 311, Page 69, of the H.C.M.R., and being more particularly described by metes and bounds as follows, all bearings referenced to the north right-of-way of West Greens Road, North 87° 26' 08" East;

COMMENCING at the northeast corner of that certain called 597.977 acre tract conveyed to Friendswood Development Company by an instrument of record under County Clerk's File G445652, Film Code 152-81-0495 and County Clerk's File G445653, Film Code 152-81-0508, H.C.O.P.R.O.R.P.;

Thence, South 87° 28' 11" West, 585.50 feet, along the former south right-of-way line of West Greens Road (80 feet wide), to a point;

Thence, South 02° 31' 07" East, 10.33 feet to a 5/8-inch iron rod found marking the POINT OF BEGINNING of the herein described tract and being in the south right-of-way line of West Greens Road, varying width, as widened by the said Greens Crossing Section Four Subdivision;

Thence, South 02° 31' 07" East, 329.31 feet to a 5/8-inch iron rod found for corner, an easterly interior corner;

Thence, North 87° 26' 27" East, 25.60 feet to a 5/8-inch iron rod found for corner, an easterly interior corner;

Thence, South 02° 31' 06" East, 25.91 feet to the face of an existing building, an easterly interior corner;

Thence, South 87° 26' 36" West, 0.20 feet along the face of said building to the corner of said building, an easterly interior corner;

Thence, South 02° 33' 24" East, 134.65 feet along the west face of said building to a point for corner, the most easterly southeast corner of the herein described tract;

5.388 Acres

August 11, 2003
Job No. 1771-0001-002

Thence, South $87^{\circ} 27' 37''$ West, 29.89 feet, departing the west face of said building, to a 5/8-inch iron rod found for corner, a southeasterly interior corner;

Thence, South $02^{\circ} 31' 07''$ East, 50.00 feet to a 5/8-inch iron rod found for corner, the most southerly southeast corner;

Thence, North $47^{\circ} 31' 45''$ West, 70.70 feet to a tack in lead in concrete curb found for corner, a southeasterly interior corner;

Thence, South $87^{\circ} 27' 37''$ West, 410.21 feet to an "X" chiseled in concrete curb, found for corner the southwest corner of the herein described tract;

Thence, North $02^{\circ} 44' 10''$ West, 214.80 feet to a 5/8-inch iron rod found for corner, a westerly interior corner;

Thence, South $87^{\circ} 15' 50''$ West, 11.00 feet to a 5/8-inch iron rod found for corner, a westerly interior corner;

Thence, North $02^{\circ} 25' 27''$ West, 265.00 feet to a 5/8-inch iron rod found for corner, the northwest corner of the herein described tract, lying in the south line of aforementioned West Greens Road;

Thence, North $87^{\circ} 28' 11''$ East, 78.72 feet along the south line of West Greens Road to a 5/8-inch iron rod found for corner, the beginning of a non-tangent curve;

Thence, 69.81 feet along the arc of a non-tangent curve to the left, with the south line of West Greens Road, having a central angle of $07^{\circ} 59' 57''$, a radius of 500.00 feet and a chord which bears North $83^{\circ} 06' 25''$ East, 69.75 feet to a 5/8-inch iron rod found for corner, a point of reverse curve;

Thence, 70.00 feet along the arc of a non-tangent curve to the right, with the south line of West Greens Road, having a central angle of $08^{\circ} 01' 16''$, a radius of 500.00 feet and a chord which bears North $83^{\circ} 36' 07''$ East, 69.94 feet to a punched hole in concrete set for corner at the end of said curve;

Thence, North $87^{\circ} 26' 08''$ East, 257.96 feet along the south line of West Greens Road to the POINT OF BEGINNING and containing 5.388 acres (234,710 square feet) of land.

EXHIBIT B

1. The following restrictive covenants of record itemized below:

Volume 308, Page 2 and Volume 311, Page 69, both of the Map Records of Harris County, Texas and those instruments filed for record under Harris County Clerk's File No(s). G819155, G819718, H261114, H339048, H466599, H732057, J105398, J289061, J734791, L538297, M218292, M330028, U147841, V802422 and V867921.

2. Reciprocal Easement Agreement dated December 31, 1980, filed for record under Clerk's File No. G819718 of the Official Public Records of Real Property of Harris County, Texas, by and between Dayton-Hudson Corporation, d/b/a Target Stores, and Friendswood Development Company, as amended by instrument dated December 11, 1981, filed in said Records under Clerk's File No. H261114 and by instrument dated September 12, 1984, filed in said Records under Clerk's File No. J734791.

3. The following matters and all terms of the documents creating or offering evidence of the matters:

- a. Visible and apparent easements and rights-of-way over and across the subject property.
- b. Any and all leases, recorded or unrecorded, and rights of parties in possession.
- c. Building set back line ten (10) feet in width along the North property line, as shown by the map or plat thereof, recorded in volume 308, Page 2 of the Map Records of Harris County, Texas.
- d. Building and parking set back lines of twenty-five (25) feet in width along the North property line, as set forth and defined in instrument filed for record under Harris County Clerk's File No. H339048.
- e. Building and parking set back lines of ten (10) feet in width along the side and rear property lines, as set forth and defined in instrument filed for record under Harris County Clerk's File No. H339048.
- f. Terms, conditions and stipulations of that certain Easement for Pedestrian Travel dated December 31, 1980 filed for record under Harris County Clerk's File No. G819154, by and between Friendswood Development Company and Dayton-Hudson Corporation, as amended by instrument dated March 21, 1984 filed for record under Harris County Clerk's File No. J421658.
- g. Easement for vehicular parking containing 0.2295 acre of land, as set forth and described in that certain Memorandum of Lease dated April 1, 1983 filed for record under Harris county Clerk's File No. H891055, executed by Friendswood Development Company in favor of Burger King Corporation.

- h. That certain Lease dated April 7, 1983 by and between Friendswood Development Company, as Lessor, and Burger King Corporation, as Lessee, a Memorandum of Lease being filed for record under Harris County Clerk's File No. H891055, said Lease being ratified by instrument dated June 1, 1983, filed for record under Harris County Clerk's File No. J358321. Said Lease being subsequently subleased as evidenced by Memorandum of Sublease by and between Burger King Corporation and S.J. Financial, Inc., filed for record under Harris County Clerk's File No. R796071.
- i. An easement eight (8) feet wide along the South property line of Reserve "F", Greens Crossing Section Four and an unobstructed aerial easement five (5) feet wide from a plane twenty (20) feet above the ground upward located adjacent thereto, for the use of public utilities, as shown by the map or plat thereof, recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas.
- j. An easement eight (8) feet wide along the North and East property lines of Reserve "E", Greens Crossing Section Five and an unobstructed aerial easement five (5) feet wide from a plane twenty (20) feet above the ground upward located adjacent thereto, for the use of public utilities, as shown by the map or plat thereof, recorded in Volume 311, Page 69 of the Map Records of Harris County, Texas.
- k. Additional unobstructed aerial easements two (2) feet wide located adjacent to and adjoining the two above mentioned eight (8) foot wide dedicated easements, said aerial easements extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easement, begins at a height of sixteen (16) feet three (3) inches above the ground and then continues outward to a height of nineteen (19) feet two (2) inches above the ground, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. H564954.
- l. Terms, conditions and stipulations of that certain Consent to Encroach executed by Southwestern Bell Telephone, L.P., filed for record under Harris County Clerk's file No. X134957.
- m. Terms, conditions and stipulations of that certain PROPOSED Encroachment Agreement executed by CenterPoint Energy Houston Electric, LLC and CenterPoint Energy Houston, a division of CenterPoint Resources Corp., filed for record under Harris County County Clerk's File No. X137522.
- n. An unobstructed easement ten (10) feet wide at two (2) locations on the South property line of Reserve "F", Greens Crossing Section Four, together with unobstructed aerial easements ten (10) feet wide extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easements, begins at a height of fifteen (15) feet above the ground adjacent to and on both sides of the ten (10) foot wide ground easement and then continues outward to a height of nineteen (19) feet two (2) inches, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. J063311, exact locations of which are shown on Sketch No. N83-2189 attached thereto and made a part thereof.

- o. An easement ten (10) feet wide for underground facilities containing 5.067 square feet of land located in the North portion of Tract I, as set forth and defined in instrument granted to Southwestern Bell Telephone Company, filed for record under Harris County Clerk's File No. J686619.
- p. A sign easement containing 181 square feet of land located on the North property line, granted to W. Bell & Company, as set forth and defined in instrument filed for record under Harris County Clerk's File No. J720705.
- q. An easement containing 262 square feet of land located on the North property line, as set forth and defined in instrument granted to Southwestern Bell Telephone Company, filed for record under Harris County Clerk's File No. P026720.
- r. Drainage easement fifteen (15) feet on each side of the center line of all natural drainage courses as set forth on the map or plat thereof, recorded in Volume 308, Page 2 and Volume 311, Page 69, both of the Map Records of Harris County, Texas.
- s. An easement containing 5,067 square feet as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. P242322, exact location of which is shown on sketch attached thereto and made a part thereof.
- t. All oil, gas, and other minerals, the royalties, bonuses, rentals and all other rights in connection with same are excepted herefrom as set forth in instrument recorded under Clerk's File Number(s) K348575 of the Official Records of Harris County, Texas.
- u. All oil, gas, and other minerals, the royalties, bonuses, rentals and all other rights in connection with same are excepted herefrom as set forth in instrument recorded under Clerk's File Number(s) R848562 of the Official Records of Harris County, Texas.
- v. Annual Maintenance Charge and Special Assessments payable to Greens Crossing Property Owners Association, Inc. as set forth and secured by a Vendor's Lien in instrument(s) recorded under Clerk's File Number(s) H339048, H466599, L538297 and M218292 of the Official Records of Harris County, Texas.
- w. Subject property lies within the boundaries of the Greater Greenspoint Management District.

ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW, THE STATE OF TEXAS
COUNTY OF HARRIS
I hereby certify that this instrument was FILED in file number Sequence on the date and at the time stamped hereon by me, and was duly RECORDED, in the Official Public Records of Real Property of Harris County Texas on

AUG 22 2005



Beverly B. Kayman

COUNTY CLERK
HARRIS COUNTY, TEXAS

Beverly B. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

2005 AUG 22 PM 1:29

FILED

NOTICE OF CONFIDENTIALITY RIGHTS:

Y985150
12/27/05 300750726

\$56.00

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HARRIS §

§

THAT, W Greens Crossroads, L.P. ("Grantor"), a Texas limited partnership and successor by conversion to W Greens Crossroads, Inc., acting herein by and through its duly authorized general partner, W Greens Crossroads II, L.L.C., a Texas limited liability company, for and in consideration of the sum of \$10.00 and other good and valuable consideration in hand paid to Grantor by TUI Greens Crossroads, Ltd. ("Grantee"), a Texas limited partnership whose mailing address is 10000 Old Katy Road, Suite 100, Houston, Texas 77055, the receipt and sufficiency of such consideration being hereby acknowledged, has GRANTED, SOLD AND CONVEYED and by these presents does GRANT, SELL AND CONVEY unto Grantee that certain tract of real property located in Harris County, Texas and consisting of 8.4320 acres, SAVE AND EXCEPT 0.4582 acres, all being described in Exhibit A attached hereto and made a part hereof for all purposes, together with all improvements located thereon, (said real property and improvements are herein collectively referred to as the "Property"); subject, however, to those matters more particularly described in Exhibit B attached hereto and made a part hereof for all purposes (collectively, the "Permitted Exceptions").

TO HAVE AND TO HOLD the Property, together with all rights, easements and appurtenances pertaining thereto, including all of Grantor's right, title and interest in and to adjoining streets, alleys and rights-of-way, unto Grantee and Grantee's successors and assigns forever, subject to the Permitted Exceptions; and Grantor does hereby bind itself and its successors to warrant and forever defend the Property unto Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through, or under Grantor, but not otherwise.

BY ACCEPTANCE HEREOF, GRANTEE REPRESENTS THAT IT HAS INSPECTED THE PROPERTY, THE PHYSICAL AND ENVIRONMENTAL CONDITION AND THE USES THEREOF AND THE FIXTURES, EQUIPMENT AND PERSONAL PROPERTY INCLUDED IN THIS CONVEYANCE TO ITS SATISFACTION, THAT IT HAS INDEPENDENTLY INVESTIGATED, ANALYZED AND APPRAISED THE VALUE AND PROFITABILITY OF THE PROPERTY,

After Recording Return to:
Alamo Title Company
5599 San Felipe, Suite 1400
Houston, Texas 77056
GF# 40602620 -CSW

NOTICE OF CONFIDENTIALITY RIGHTS:

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HARRIS §

§

THAT, IUI GREENS CROSSROADS, LTD. ("Grantor), a Texas limited partnership acting herein by and through its duly authorized general partner, Intercontinental United Investors, L.P., a Texas limited partnership and successor by conversion to Intercontinental United Investors Corp., acting herein by and through its duly authorized general partner, Intercontinental United Investors I, L.L.C., a Texas limited liability company, for and in consideration of the sum of \$10.00 and other good and valuable consideration in hand paid to Grantor by VERDURE CROSSROADS, LLC ("Grantee"), a Delaware limited liability company duly authorized to transact business in the State of Texas, whose mailing address is 5039 Huntwick Parc Court and for the further consideration of the execution and delivery by Grantee of those two certain Promissory Notes dated as of August 16, 2005 (collectively the "Note"), in the respective principal amounts of \$4,545,600.00 and \$3,254,400.00, payable to the order of GMAC Commercial Mortgage Corporation (together with its successors and assigns, hereinafter called "Lender"), as therein provided and bearing interest at the rate therein specified, which Note represents funds advanced by Lender to Grantor at the request of Grantee, as well as additional funds to be advanced by Lender to Grantee after the date hereof, the payment of which Note is secured by a Vendor's Lien herein retained in favor of Lender, and additionally secured by that certain Deed of Trust, Assignment of Rents and Leases, Security Agreement and Fixture Filing dated as of even date with the Note, from Grantee to Keith Mullins, as Trustee, the receipt and sufficiency of such consideration being hereby acknowledged, has GRANTED, SOLD AND CONVEYED and by these presents does GRANT, SELL AND CONVEY unto Grantee that certain tract of real property located in Harris County, Texas and consisting of 8.4320 acres, all being described in Exhibit A attached hereto and made a part hereof for all purposes, together with all improvements located thereon, (said real property and improvements are herein collectively referred to as the "Property"); subject, however, to those matters more particularly described in Exhibit B attached hereto and made a part hereof for all purposes (collectively, the "Permitted Exceptions").

After Recording Return to:
Alamo Title Company
5599 San Felipe, Suite 1400
Houston, Texas 77056
GF# 40602020

THE CREDITWORTHINESS OF TENANTS AND THE PRESENCE OF HAZARDOUS MATERIALS, IF ANY, IN OR ON THE PROPERTY, THAT IT HAS REVIEWED THE LEASES AND ALL OTHER CONTRACTS RELATING TO THE PROPERTY, AND THAT IN PURCHASING THE PROPERTY, HAS RELIED UPON ITS OWN INVESTIGATIONS, ANALYSES, STUDIES AND APPRAISALS AND NOT UPON ANY INFORMATION PROVIDED TO GRANTEE BY OR ON BEHALF OF GRANTOR WITH RESPECT THERETO (EXCEPT IN EACH CASE TO THE EXTENT COVERED BY ANY EXPRESS WARRANTIES OR REPRESENTATIONS OF GRANTOR SET FORTH IN THIS DEED OR ANY OTHER DOCUMENT OR INSTRUMENT DELIVERED BY GRANTOR IN CONNECTION WITH THIS CONVEYANCE). ACCORDINGLY, BY ACCEPTANCE HEREOF, GRANTEE AGREES TO ACCEPT THE PROPERTY "AS IS," "WITH ALL FAULTS" AND IN ITS CONDITION AS AT THE DATE HEREOF, INCLUDING REASONABLE WEAR AND TEAR, AND GRANTEE HEREBY ASSUMES THE RISK THAT ADVERSE MATTERS, INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION DEFECTS AND ADVERSE PHYSICAL AND ENVIRONMENTAL CONDITIONS, MAY NOT HAVE BEEN REVEALED BY GRANTEE'S INVESTIGATIONS. BY ACCEPTANCE HEREOF, GRANTEE SHALL BE DEEMED TO HAVE WAIVED, RELINQUISHED AND RELEASED GRANTOR FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, CAUSES OF ACTION, LOSSES, DAMAGES, LIABILITIES, COSTS AND EXPENSES (INCLUDING ATTORNEYS' FEES AND COURT COSTS) OF ANY AND EVERY KIND OR CHARACTER, KNOWN OR UNKNOWN, WHICH GRANTEE MIGHT HAVE ASSERTED OR ALLEGED AGAINST GRANTOR BY REASON OF OR ARISING OUT OF ANY LATENT OR PATENT CONSTRUCTION DEFECTS OR PHYSICAL CONDITIONS, VIOLATIONS OF APPLICABLE LAWS (INCLUDING, WITHOUT LIMITATION, ENVIRONMENTAL LAWS) AND ANY AND ALL OTHER ACTS, OMISSIONS, EVENTS, CIRCUMSTANCES OR MATTERS WITH RESPECT TO THE PROPERTY (INCLUDING CONDITION OF THE PROPERTY, HABITABILITY, MERCHANTABILITY, MARKETABILITY, FINANCIABILITY, OR FITNESS FOR A PARTICULAR PURPOSE).

All ad valorem taxes and assessments for the Property for the current calendar year have been prorated by the parties hereto as of the date of this Special Warranty Deed and, by acceptance hereof, Grantee hereby assumes liability for the payment thereof.

[No further text on this page, signature page to follow]

IN WITNESS WHEREOF, this Special Warranty Deed has been executed as of
this ____ day of August, 2005.

GRANTOR:

W Greens Crossroads, L.P.
A Texas limited partnership

By: W Greens Crossroads II, L.L.C.
A Texas limited liability company
Its General Partner

By: [Signature]
Tofigh Shirazi, Manager

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned Notary Public, on this 16 day of August, 2005,
personally appeared Tofigh Shirazi, Manager of W Greens Crossroads II, L.L.C., a Texas
limited liability company and General Partner of W Greens Crossroads, L.P., a Texas
limited partnership, known to me personally to be the person whose name is subscribed
to the foregoing document, and acknowledged that he executed the foregoing document
on behalf of such limited liability company and as the act of such limited partnership, in
the capacities and for the purposes and consideration therein expressed.

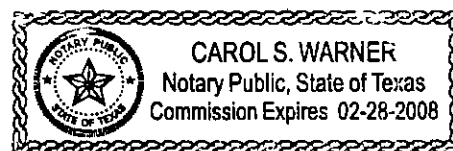
My Commission Expires:

2/28/8

[Signature]
Notary Public in and for the State of Texas
CAROL S. WARNER
Printed Name

NAME AND ADDRESS OF GRANTEE
WHERE FUTURE TAX STATEMENTS
SHOULD BE DELIVERED:

IUI Greens Crossroads, Ltd.
10000 Old Katy Road, Suite 100
Houston, Texas 77055



AFTER RECORDING RETURN TO:

RP-015-77-0586

W.C.R.R. Co. Survey
Abstract No. 889
8.4320 Acres



STATE OF TEXAS §

COUNTY OF HARRIS §

A **METES AND BOUNDS** description of a certain 8.4320 acres of land out of the W.C.R.R. Co. Survey, Abstract No. 889, Harris County, Texas being part of Restricted Reserve "E" of Greens Crossing Section Four as shown in Volume 308, Page 2 of the Harris County Map Records and a part of a called 8.890 acres in the Warranty Deed recorded under Clerk's File No. G819152 of the Harris County Official Public Records of Real Property; said 8.4320 acres being more particularly described as follows with all bearings based upon a call of South 02°32'21" East, along the east line of Restricted Reserve "E" as recorded in Volume 308, Page 2 of the Harris County Map Records:

BEGINNING at a PK nail set at the northeast corner of said Restricted Reserve "E", said PK nail being in the south right-of-way of West Greens Road (right-of-way varies);

THENCE, South 02°32'21" East, passing a TXDOT brass cap at 9.74 feet, 0.23 feet right, for a total distance of 659.52 feet to a found 5/8-inch iron rod at the southeast corner of said Restricted Reserve "E";

THENCE, South 87°25'13" West, passing a 5/8-inch iron rod at 60.00 feet, for a total distance of 590.00 feet to a found 5/8-inch iron rod, common to the southwest corner of Reserve "E" and the northwest corner of Reserve "F" of Greens Crossing Section Five of Volume 311, Page 69 of the Harris County Map Records;

THENCE, North 02°32'21" West, passing a found 5/8-inch iron rod at 129.92 feet, for a total distance of 180.00 feet to a set PK nail;

THENCE, North 87°25'13" East, passing the face of a building at 29.85 feet, for a total distance of 30.00 feet to a point for corner;

THENCE, North 02°32'21" West, passing a building corner at 34.56 feet, 0.16 feet left; passing a building corner at 120.99 feet, 0.20 feet left; passing a building corner at 134.62 feet, 0.24 feet left; for a total distance of 160.50 feet to a set PK nail;

THENCE, South 87°25'13" West, 25.50 feet to a set PK nail;

THENCE, North 02°32'21" West, 329.18 feet to a set 5/8-inch iron rod (with cap stamped "Cotton Surveying") on the south right-of-way of West Greens Road;

THENCE, in an easterly direction with the south right-of-way of Greens Road, the following four (4) courses and distances:

1. North 87°26'08" East, 364.14 feet to point for corner, from which a found TXDOT brass cap bears South 86°35' West, 0.38 feet, said point for corner beginning a curve to the right;

W.C.R.R. Co. Survey
Abstract No. 889
8.4320 Acres

2. THENCE, with the curve having an arc length of 70.85 feet, a radius of 500.00 feet, a delta of $08^{\circ}07'06''$ and a chord bearing South $88^{\circ}30'19''$ East, 70.79 feet to a found TXDOT brass cap at the point of a reverse curve to the left;
3. THENCE, with the curve having an arc length of 70.98 feet, a radius of 500.00 feet, a delta of $08^{\circ}08'01''$ and a chord bearing South $88^{\circ}30'47''$ East, 70.92 feet to a point for corner, from which a found TXDOT brass cap, bears North $45^{\circ}10'$ West, 0.35 feet;
4. THENCE, North $87^{\circ}25'13''$ East, 80.00 feet to the **POINT OF BEGINNING, CONTAINING** 8.8902 acres of land, **SAVE AND EXCEPT** the following 0.4582 acres conveyed from Tim Byrne, Trustee to The Fulbright Mays Trust by Warranty Deed recorded under Clerk's File No. K015905 of the Harris County Official Public Records of Real Property, of land in Harris County, Texas.

SAVE & EXCEPT 0.4582 acres

COMMENCING at a 5/8-inch iron rod (with cap stamped "Cotton Surveying") set at the northeast corner of said Restricted Reserve "E";

THENCE, South $66^{\circ}14'33''$ West, 136.24 feet to a point for corner, from which a found railroad spike bears North 85° East, 0.17 feet;

THENCE, South $02^{\circ}32'21''$ East, 142.50 feet to a railroad spike found;

THENCE, South $87^{\circ}27'39''$ West, 99.00 feet to a PK nail set;

THENCE, North $02^{\circ}32'21''$ West, 12.50 feet to a railroad spike found;

THENCE, South $87^{\circ}27'39''$ West, 45.00 feet to a PK nail set;

THENCE, North $02^{\circ}32'21''$ West, 130.00 feet to a PK nail set;

THENCE, North $87^{\circ}27'39''$ East, 144.00 feet to the **POINT OF BEGINNING, CONTAINING** 0.4582 acre for a total of 8.4320 acres of land in Harris County, Texas as shown on drawing no. 4561, in the offices of Cotton Surveying Company, Houston, Texas.

SURVPROJECTS\1500-1999CLIENT-1565\011\M&B\TRACT1

EXHIBIT B

1. The following restrictive covenants of record itemized below:

Volume 308, Page 2 and Volume 311, Page 69, both of the Map Records of Harris County, Texas and those instruments filed for record under Harris County Clerk's File No(s). G819155, G819718, H261114, H339048, H466599, H732057, J105398, J289061, J734791, L538297, M218292, M330028, U147841, V802422 and V867921.

2. Reciprocal Easement Agreement dated December 31, 1980, filed for record under Clerk's File No. G819718 of the Official Public Records of Real Property of Harris County, Texas, by and between Dayton-Hudson Corporation, d/b/a Target Stores, and Friendswood Development Company, as amended by instrument dated December 11, 1981, filed in said Records under Clerk's File No. H261114 and by instrument dated September 12, 1984, filed in said Records under Clerk's File No. J734791.

3. The following matters and all terms of the documents creating or offering evidence of the matters:

- a. Visible and apparent easements and rights-of-way over and across the subject property.
- b. Any and all leases, recorded or unrecorded, and rights of parties in possession.
- c. An ARCO Pipe Line Company thirty (30) foot wide right-of-way and easement across the northeasterly portion of the subject property, as shown by the map or plat recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas; same being granted by instrument recorded in Volume 1670, Page 162 of the Deed Records of Harris County, Texas; and being modified and amended by instrument filed for record under Harris County Clerk's File No. P233156.
- d. Building set back line fifteen (15) feet in width parallel and adjacent to both sides of the above described easement, as shown by the map or plat thereof, recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas.
- e. A sixty (60) foot wide State of Texas Drainage Easement along the east property line, as shown by the map or plat thereof, recorded in Volume 308, page 2 of the Map Records of Harris County, Texas; same being set forth in instruments recorded in Volume 8087, Page 424 and Volume 8379, Page 511 of the Deed Records of Harris County, Texas, and filed for record under Harris County Clerk's File No(s). D151159 and D303088, respectfully.

PP 015-77-0590

- f. An unobstructed easement ten (10) feet wide, located West of and adjacent to the above described sixty (60) foot wide drainage easement, together with an unobstructed aerial easement ten (10) feet wide extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easement, begins at a height of fifteen (15) feet above the ground, adjacent to the ten (10) foot wide ground easement and then continues outward to a height of nineteen (19) feet two (2) inches, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. H340709, the exact location of which is shown on Sketch No. N81-2250 attached thereto and made a part thereof.
- g. A utility easement ten (10) feet in width, being west of, adjacent to and adjoining the above described sixty (60) foot wide drainage easement, as shown on the map or plat thereof, recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas; same being set forth in instrument filed for record under Harris County Clerk's File No. G819152, together with an aerial easement five (5) feet wide from a plane twenty (20) feet above the ground upward, located adjacent to said ten (10) foot wide utility easement, as set forth on the recorded plat of said subdivision.
- h. A water line easement ten (10) feet in width, located west of, adjacent to and adjoining the above described ten (10) foot wide utility easement, as shown by the map or plat thereof, recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas; same being set forth in instrument filed for record under Harris County Clerk's File No. G819152.
- i. Landscape reserve twenty-five (25) feet in width along the north property line, as set forth in instrument filed for record under Harris County Clerk's File No. G819152.
- j. A utility easement eight (8) feet in width along the entire South property line and the most southerly West property line, as shown by the map or plat thereof recorded in Volume 308, page 2 of the Map Records of Harris County, Texas; same being set forth in instrument filed for record under Harris County Clerk's File No. G819152; together with an aerial easement five (5) feet wide from a plane twenty (20) feet above the ground upward, located adjacent to said eight (8) foot wide utility easement, as set forth on the recorded plat of said subdivision.
- k. An additional unobstructed aerial easement located north of and parallel with and adjoining the above described eight foot wide easement extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easement, begins at a height of sixteen (16) feet three (3) inches above the ground adjacent to the eight foot wide easement and then continues outward to a height of nineteen (19) feet two (2) inches above the ground, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. H564953.
- l. An unobstructed easement five (5) feet in width along the south property line, together with an unobstructed aerial easement ten (10) feet wide extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easement, begins at a height of fifteen (15) feet above the ground, adjacent to the five (5) foot wide ground easement and then continues outward to a height of nineteen (19) feet two (2) inches, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. H340709, the exact location of which is shown on Sketch No. N81-2250 attached thereto and made a part thereof.

RP 015-77-0591

- m. A utility easement eight (8) feet in width along the southerly one hundred eighty (180) feet of the westerly property line, as shown by the map or plat thereof, recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas; same being set forth in instrument filed for record under Harris County Clerk's File No. G819152; together with an aerial easement five (5) feet wide from a plane twenty (20) feet above the ground upward, located adjacent to said eight (8) foot wide utility easement, as set forth on the recorded plat of said subdivision.
- n. An additional unobstructed aerial easement located east of and parallel with and adjoining the above described eight foot wide easement extending upward from an inclined plane; said inclined plane, which represents the lower limits of the aerial easement, begins at a height of sixteen (16) feet three (3) inches above the ground adjacent to the eight foot wide easement and then continues outward to a height of nineteen (19) feet two (2) inches above the ground, as set forth and defined in instrument granted to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. H564953.
- o. Terms, conditions and stipulations contained in Access Easement Agreement filed for record under Harris County Clerk's File No. J734795, and assignment thereof thereof, filed for record under Harris County Clerk's File No. K015907.
- p. Terms, conditions and stipulations of that certain Grant of Easement to Southwestern Bell Telephone Company, filed for record under Harris County Clerk's File No. J670223.
- q. Terms, conditions and stipulations of that certain Grant of Easement to Houston Lighting & Power Company, filed for record under Harris County Clerk's File No. P242323, as amended and restated by Amendment and Restatement of Grant of Easement filed for record under Harris County Clerk's File No. P518741.
- r. All oil, gas, and other minerals, the royalties, bonuses, rentals and all other rights in connection with same are excepted herefrom as set forth in instrument recorded under Clerk's File Number(s) G819152 of the Official Records of Harris County, Texas.
- s. Building set back line ten (10) feet in width along the North property line, as shown by the map or plat thereof, recorded in volume 308, Page 2 of the Map Records of Harris County, Texas.
- t. Building and parking set back lines of twenty-five (25) feet in width along the North property line, as set forth and defined in instrument filed for record under Harris County Clerk's File No. H339048.
- u. Building and parking set back lines of ten (10) feet in width along the side and rear property lines, as set forth and defined in instrument filed for record under Harris County Clerk's File No. H339048.

- v. Terms, conditions and stipulations of that certain Easement for Pedestrian Travel dated December 31, 1980 filed for record under Harris County Clerk's File No. G819154, by and between Friendswood Development Company and Dayton-Hudson Corporation, as amended by instrument dated March 21, 1984 filed for record under Harris County Clerk's File No. J421658.
- w. Drainage easement fifteen (15) feet on each side of the center line of all natural drainage courses as set forth on the map or plat thereof, recorded in Volume 308, Page 2 and Volume 311, Page 69, both of the Map Records of Harris County, Texas.
- x. Annual Maintenance Charge and Special Assessments payable to Greens Crossing Property Owners Association, Inc. as set forth and secured by a Vendor's Lien in instrument(s) recorded under Clerk's File Number(s) H339048, H466599, L538297 and M218292 of the Official Records of Harris County, Texas.
- y. Subject property lies within the boundaries of the Greater Greenspoint Management District.

ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW THE STATE OF TEXAS
COUNTY OF HARRIS
I hereby certify that this instrument was FILED in file number Sequence on the date and at the time stamped hereon by me; and was duly RECORDED in the Official Public Records of Real Property of Harris County Texas on

AUG 19 2005



Brenda L. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

Brenda L. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

2005 DEC 27 PM 12:23

FILED

Brenda L. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

2005 AUG 19 PM 3:26

FILED

RP 015-77-0593

ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE DESCRIBED REAL
PROPERTY BECAUSE OF COLOR OR RACE IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW.
THE STATE OF TEXAS
COUNTY OF HARRIS

I hereby certify that this instrument was FILED in File Number Sequence on the
date and at the time stamped hereon by me; and was duly RECORDED in the
Official Public Records of Real Property of Harris County, Texas on

DEC 27 2005



Dorely L. Kayman

COUNTY CLERK
HARRIS COUNTY, TEXAS

AFTER RECORDING RETURN TO:

Holland & Knight LLP
1722 Routh Street, Suite 1500
Dallas, Texas 75201
Attn: Mark Weibel, Esq.

NOTICE OF CONFIDENTIALITY RIGHTS:

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED
(COMM 2012-CCRE2 [Trimont] / Greens Crossroads)

November 6, 2023 (the "**Effective Date**")

STATE OF TEXAS

§

COUNTY OF HARRIS

§

§

COMM 2012-CCRE2 GREENS CROSSROADS, LLC, a Texas limited liability company ("**Grantor**"), for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) and other good and valuable consideration in hand paid by GREENS CROSSROADS, LLC, a Nevada limited liability company ("**Grantee**"), located at 3064 Silver Sage Drive, Suite 150, Carson City, Nevada 89701, the receipt and sufficiency of which are hereby acknowledged and confessed, has GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents does GRANT, BARGAIN, SELL and CONVEY unto Grantee all that certain lot, tract or parcel of land, lying and being situated in Harris County, Texas, more particularly described on **Exhibit "A"** attached hereto and incorporated herein by reference, together with all improvements thereon (the "**Property**").

This deed and conveyance are made and accepted subject to those matters set forth on **Exhibit "B"** attached hereto and incorporated herein by reference, to the extent that the same are valid and subsisting and affect the Property.

GRANTOR DOES WARRANT SPECIALLY THE PROPERTY HEREBY CONVEYED, TO HAVE AND TO HOLD the Property, together with, all and singular, the rights and appurtenances thereto in anywise belonging, and releases to the said Grantee all Grantor's claims upon the said Property, and unto Grantee's successors, legal representatives and assigns forever; and Grantor does hereby bind Grantor, and Grantor's successors and legal representatives, to WARRANT and FOREVER DEFEND, all and singular, the Property unto Grantee, its successors, legal representatives and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof, by, through or under Grantor but not otherwise.

GRANTEE, BY ITS ACCEPTANCE HEREOF, ACKNOWLEDGES AND AGREES THAT GRANTEE CONDUCTED ITS OWN INDEPENDENT INVESTIGATION AND INSPECTION OF ALL ASPECTS OF THE PROPERTY. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT IT HAS RELIED ON SUCH INDEPENDENT INVESTIGATION AND INSPECTION AND, EXCEPT FOR THE SPECIAL WARRANTY OF TITLE CONTAINED HEREIN AND THE EXPRESS COVENANTS, WARRANTIES AND REPRESENTATIONS OF GRANTOR CONTAINED IN THE REAL ESTATE SALES CONTRACT REGARDING THE PROPERTY BETWEEN GRANTOR AND GRANTEE (OR ANY PREDECESSOR OF GRANTEE) AND ANY CLOSING DOCUMENTS EXECUTED IN CONNECTION THEREWITH, HAS NOT RELIED ON ANY INFORMATION PROVIDED BY GRANTOR, GRANTOR'S AGENTS OR GRANTOR'S BROKER IN DETERMINING WHETHER TO PURCHASE THE PROPERTY. GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT ANY INFORMATION PROVIDED BY GRANTOR TO GRANTEE WITH RESPECT TO THE PROPERTY HAS BEEN OBTAINED FROM A VARIETY OF SOURCES AND THAT GRANTOR HAS NOT MADE ANY INDEPENDENT INVESTIGATION OR VERIFICATION OF SUCH INFORMATION.

GRANTEE FURTHER ACKNOWLEDGES AND AGREES THAT, EXCEPT FOR THE SPECIAL WARRANTY OF TITLE CONTAINED HEREIN AND THE EXPRESS COVENANTS, WARRANTIES AND REPRESENTATIONS OF GRANTOR CONTAINED IN THE REAL ESTATE SALES CONTRACT REGARDING THE PROPERTY BETWEEN GRANTOR AND GRANTEE (OR ANY PREDECESSOR OF GRANTEE) AND ANY CLOSING DOCUMENTS EXECUTED IN CONNECTION THEREWITH, GRANTOR HAS NOT MADE, DOES NOT MAKE AND SPECIFICALLY DISCLAIMS ANY AND ALL REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS OR GUARANTIES OF ANY KIND OR CHARACTER WHATSOEVER, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, PAST, PRESENT OR FUTURE, OF, AS TO, CONCERNING OR WITH RESPECT TO THE PROPERTY, INCLUDING, BUT NOT LIMITED TO, (A) THE NATURE, QUALITY OR CONDITION OF THE PROPERTY; (B) THE INCOME TO BE DERIVED FROM THE PROPERTY; (C) THE SUITABILITY OF THE PROPERTY FOR ANY AND ALL ACTIVITIES AND USES WHICH GRANTEE MAY CONDUCT THEREON; (D) THE COMPLIANCE OF OR BY THE PROPERTY OR ITS OPERATION WITH ANY LAWS, RULES, ORDINANCES OR REGULATIONS OF ANY APPLICABLE GOVERNMENTAL AUTHORITY OR BODY, INCLUDING, BUT NOT LIMITED TO, ANY STATE OR FEDERAL ENVIRONMENTAL LAW, RULE OR REGULATION; (E) THE HABITABILITY, MERCHANTABILITY OR FITNESS OF THE PROPERTY FOR A PARTICULAR PURPOSE; OR (F) ANY OTHER MATTER WITH RESPECT TO THE PHYSICAL OR OTHER CONDITION OF THE PROPERTY. GRANTEE HEREBY WAIVES ANY SUCH REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS OR GUARANTIES (BUT NOT INCLUDING THE SPECIAL WARRANTY OF TITLE CONTAINED HEREIN AND THE EXPRESS COVENANTS, WARRANTIES AND REPRESENTATIONS OF GRANTOR CONTAINED IN THE REAL ESTATE SALES CONTRACT REGARDING THE PROPERTY BETWEEN GRANTOR AND GRANTEE (OR ANY PREDECESSOR OF GRANTEE) AND ANY CLOSING DOCUMENTS EXECUTED IN CONNECTION THEREWITH).

EXCEPT AS OTHERWISE EXPRESSLY SET FORTH ABOVE, GRANTOR IS CONVEYING THE PROPERTY TO GRANTEE "AS IS, WHERE IS, WITH ALL FAULTS"

AND SPECIFICALLY AND EXPRESSLY WITHOUT ANY WARRANTIES, REPRESENTATIONS OR GUARANTIES, EITHER EXPRESS OR IMPLIED, OF ANY KIND, NATURE OR TYPE WHATSOEVER FROM OR ON BEHALF OF GRANTOR.

This instrument was prepared by Christopher Hamilton, Esq.

[Signature Page Follows]

UNOFFICIAL
COPY

RP-2023-425523

IN WITNESS WHEREOF, Grantor has executed this Special Warranty Deed to be effective as of the Effective Date.

GRANTOR:

COMM 2012-CCRE2 GREENS CROSSROADS, LLC,
a Texas limited liability company

By: Trimont, LLC, a Georgia limited liability company,
not individually, but solely in its authorized
capacity as special servicer pursuant to that certain
Pooling and Servicing Agreement, dated August 1,
2012, its manager

By: Amber Seft
Name: Amber Seft
Title: Authorized Signatory

STATE OF Texas
COUNTY OF Dallas

This instrument was acknowledged before me on November 1, 2023, by
Amber Seft, as Authorized Signatory of Trimont, LLC, a Georgia limited
liability company, not individually, but solely in its authorized capacity as special servicer pursuant
to that certain Pooling and Servicing Agreement, dated August 1, 2012, manager of COMM 2012-
CCRE2 GREENS CROSSROADS, LLC, a Texas limited liability company, for and on behalf of
said entity.

[SEAL]

Bonita Suzette Clark
Notary Public, State of TX

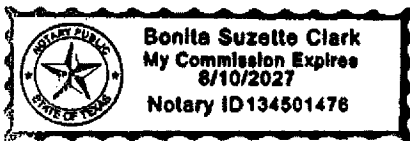


EXHIBIT “A”

to
Special Warranty Deed

Legal Description

[*See attached*]

COPY

UNOFFICIAL

Being 14.2751 acres (621,825 square feet) of land out of the W.C.R.R. Co. Survey, Section 17, Abstract No. 889, Harris County, Texas and being part of Restricted Reserve "E" and all of Restricted Reserve "F" of Greens Crossing, Section Four (4), a subdivision located in Harris County, Texas according to the map thereof recorded in Volume 308, Page 2 of the Map Records of Harris County, Texas and a portion of Unrestricted Reserve "E" of Greens Crossing, Section Five (5), a subdivision located in Harris County, Texas according to the map thereof recorded in Volume 311, Page 69 of the Map Records of Harris County, Texas; said 14.2751 acre tract of land being more particularly described by metes and bounds as follows:

Beginning at a found 5/8-inch iron rod for the Northeasterly corner of the herein described tract; said 5/8-inch iron rod being in the Southerly line of West Greens Road (variable right-of-way width) and the West line of a tract of land conveyed to Noble Petro Inc., being filed for record under Harris County Clerk's File No. 20090450540;

Thence South 03 degrees 20 minutes 12 seconds East along the East line of said 14.2751 acre tract and the common West line of said Noble Petro Inc. tract, a distance of 659.47 feet to a found 5/8 inch iron rod for the Southeast corner of the herein described tract; said 5/8 inch iron rod marking the Northeast corner of Greens Crossing Senior Village recorded in Film Code No. 597119 of the Map Records of Harris County, Texas;

Thence South 86 degrees 39 minutes 21 seconds West along the South line of said 14.2751 acre tract and the common North line of said Greens Crossing Senior Village, a distance of 590.00 feet to a found 5/8 inch iron rod for an interior corner of said Greens Crossing Senior Village and an exterior corner of herein described tract;

Thence North 03 degrees 18 minutes 13 seconds West along the West line of said 14.2751 acre tract and the common East line of said Greens Crossing Senior Village, a distance of 130.00 feet to a found 5/8 inch iron rod for an exterior corner of said Greens Crossing Senior Village and an interior corner of herein described tract;

Thence North 48 degrees 19 minutes 26 seconds West continuing along the common line of said 14.2751 acre tract and said Greens Crossing Senior Village, a distance of 70.69 feet to a found tack in lead in concrete curb for an interior corner;

Thence South 86 degrees 39 minutes 21 seconds West along the South line of said 14.2751 acre tract and the common North line of said Greens Crossing Senior Village, at 254.05 feet pass the Northwest corner of said called 4.405 acre tract and the Northeast corner of Paragon Center One, a subdivision located in Harris County, Texas according to the map thereof recorded in Volume 318, Page 59 of the Map records of Harris County, Texas; continuing in all a total distance of 410.43 feet to a found "X" in concrete curb for the Southwest corner of the herein described tract; said "X" marking the Southeast corner of a tract of land conveyed to 435 Greens, Ltd. being filed for record under Harris County Clerk's File No. T034911 and being all of Restricted Reserve "D" of said Greens Crossing, Section Four (4);

Thence North 03 degrees 20 minutes 39 seconds West along the West line of said 14.2751 acre tract and the common East line of said Restricted Reserve "D", a distance of 215.00 feet to a point for an interior corner; from said corner a found 5/8 inch iron rod bears South 41 degrees 54 minutes West, a distance of 0.50 feet;

Thence South 86 degrees 37 minutes 45 seconds West along the common line of said 14.2751 acre tract and said Restricted Reserve "D", a distance of 11.00 feet to a point for an interior corner; from said corner a found 5/8 inch iron rod bears South 42 degrees 01 minutes West, a distance of 0.50 feet;

Thence North 03 degrees 20 minutes 39 seconds West along the West line of said 14.2751 acre tract and the common East line of said Restricted Reserve "D", a distance of 265.04 feet to a point for the Northwest corner of the herein described tract; said point being in the Southerly line of said West Greens Road and marking the Northeast corner of said Restricted Reserve "D" from which a found 5/8 inch iron rod bears South 32 degrees 50 minutes East, a distance of 0.5 feet;

Thence North 86 degrees 39 minutes 16 seconds East along the Southerly line of said West Greens Road, a distance of 79.01 feet to a point marking the beginning of a curve to the left; from said point a found 5/8 inch iron rod bears South 32 degrees 50 minutes West, a distance of 0.5 feet;

Thence continuing along the Southerly line of said West Greens Road following along said curve to the left having a radius of 500.00 feet and a chord bearing North 82 degrees 39 minutes 18 seconds East, a distance of 69.75 feet, an arc distance of 69.81 feet to a set "X" in concrete for the point of reverse curvature marking the beginning of a curve to the right; from said point a found 5/8 inch iron rod bears North 24 degrees 24 minutes West, a distance of 0.7 feet;

Thence continuing along the Southerly line of said West Greens Road following along said curve to the right having a radius of 500.00 feet and a chord bearing North 82 degrees 39 minutes 54 seconds East, a distance of 69.83 feet, an arc distance of 69.98 feet to a found brass disk for a point of tangency;

Thence North 86 degrees 40 minutes 29 seconds East continuing along the Southerly line of said West Greens Road, a distance of 621.83 feet to a found TXDOT brass disk marking the beginning of a curve to the right;

Thence continuing along the Southerly line of said West Greens Road following along said curve to the right having a radius of 500.00 feet and a chord bearing South 89 degrees 15 minutes 58 seconds East, a distance of 70.79 feet, an arc distance of 70.85 feet to a found TXDOT brass disk marking the beginning of a curve to the left;

Thence continuing along the Southerly line of said West Greens Road following along said curve to the left having a radius of 500.00 feet and a chord bearing South 89 degrees 15 minutes 58 seconds East, a distance of 70.79 feet, an arc distance of 70.85 feet to a found TXDOT brass disk for a point of tangency;

Thence North 86 degrees 40 minutes 29 seconds East continuing along the Southerly line of said West Greens Road, a distance of 80.00 feet to the Point of Beginning containing 14.2751 acres (621,825 square feet) of land.

Save and Except

0.4581 acre (19,957 square feet) of land conveyed by deed to Fulbright Mays Trust as recorded under Harris County Clerk's File number K015905; said 0.4581 acre tract of land being more particularly described by metes and bounds as follows:

Commencing at a found TXDOT brass disk for the Northeasterly corner of the herein described tract; said TXDOT brass disk being in the Southerly line of West Greens Road (variable right-of-way width)

and the West line of a tract of land conveyed to CITGO Petroleum Corporation being filed for record under Harris County Clerk's File No. M051024;

Thence South 65 degrees 22 minutes 51 seconds West, a distance of 135.75 feet to a point for the Northeast corner and **Point of Beginning** of said 0.4581 acre tract of land;

Thence South 03 degrees 16 minutes 33 seconds East, a distance of 142.50 feet to a point for the Southeast corner of said 0.4581 acre tract of land;

Thence South 86 degrees 43 minutes 27 seconds West, a distance of 99.00 feet to a point for an interior corner;

Thence North 03 degrees 16 minutes 33 seconds West, a distance of 12.50 feet to a point for an interior corner;

Thence South 86 degrees 43 minutes 27 seconds West, a distance of 45.00 feet to a point for the Southwest corner of said 0.4581 acre tract of land;

Thence North 03 degrees 16 minutes 33 seconds West, a distance of 130.00 feet to a point for the Northwest corner of said 0.4581 acre tract of land;

Thence North 86 degrees 43 minutes 27 seconds East, a distance of 144.00 feet to the **Point of Beginning** containing 0.4581 acre (19,957 square feet) of land.

EXHIBIT "B"

to
Special Warranty Deed

Permitted Encumbrances

Real property taxes and assessments for the year in which the sale and purchase shall be closed, which shall be prorated as provided for herein;

The standard printed exceptions contained in owner's title insurance policies;

Zoning and other regulatory laws and ordinances affecting the Property;

Matters that would be disclosed by an accurate survey;

Easements for public utilities;

Any plat affecting the Property;

Any other matters of record reflected in the title commitments from Title Company, GF File No. 3711002044, dated September 27, 2023, and (a) not included in the Objection Letter timely delivered to Seller, or (b) which were included in an Objection Letter, but for which (i) Seller has completed the cure thereof, or (ii) Purchaser has waived or been deemed to have waived the cure thereof, or (iii) Seller has elected to cure and will be cured by the payment of money at Closing; and

Any matters that are approved in writing by Purchaser or deemed approved by Purchaser in accordance with this Agreement

RP-2023-425523

Pages 10

11/07/2023 09:11 AM

e-Filed & e-Recorded in the
Official Public Records of
HARRIS COUNTY

TENESHIA HUDSPETH

COUNTY CLERK

Fees \$50.00

RECORDERS MEMORANDUM

This instrument was received and recorded electronically and any blackouts, additions or changes were present at the time the instrument was filed and recorded.

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.
THE STATE OF TEXAS
COUNTY OF HARRIS

I hereby certify that this instrument was FILED in File Number Sequence on the date and at the time stamped hereon by me; and was duly RECORDED in the Official Public Records of Real Property of Harris County, Texas.



Teneshia Hudspeth
COUNTY CLERK
HARRIS COUNTY, TEXAS

APPENDIX B

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

The designated property (the Site) consists of an approximately 13.82-acre tract of land located at 205 and 215 W. Greens Rd., Houston, Harris County, Texas. Another address of 217 W Greens Rd. was used when submitting documents to the TCEQ, but it is the same property. The Site is improved with an approximately 144,940 square foot retail shopping center. The Site is bordered by commercial properties to the north. The Site is bordered to the east by industrial use property for the bulk storage of petroleum products. The Site is bordered to the south by city-owned property that is currently City of Houston Fire Station 84. The Site is bordered to the west by more commercial retail property. Office properties are located to the southwest and northwest of the Site. The general Site vicinity consists predominantly of commercial, office, and industrial properties along the I-45 freeway. There are no known changes in planned future use of the Site and/or the properties in the vicinity of the Site. Underground public utilities are located within City of Houston rights-of-way (ROWS) to the north (storm sewer and water main) and south of the Site (sanitary sewer).

APPENDIX C

*A site map(s) showing. **Label and address each separately, i.e., a, b, c, d, e, f, g***

- 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 including the nearest surface water body and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances.*
- 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 for each contaminant of concern, to the extent known.*
- g. Depth to groundwater for each affected zone.*

See attached figures:

Appendix C-1 – Site Location and Topography Map

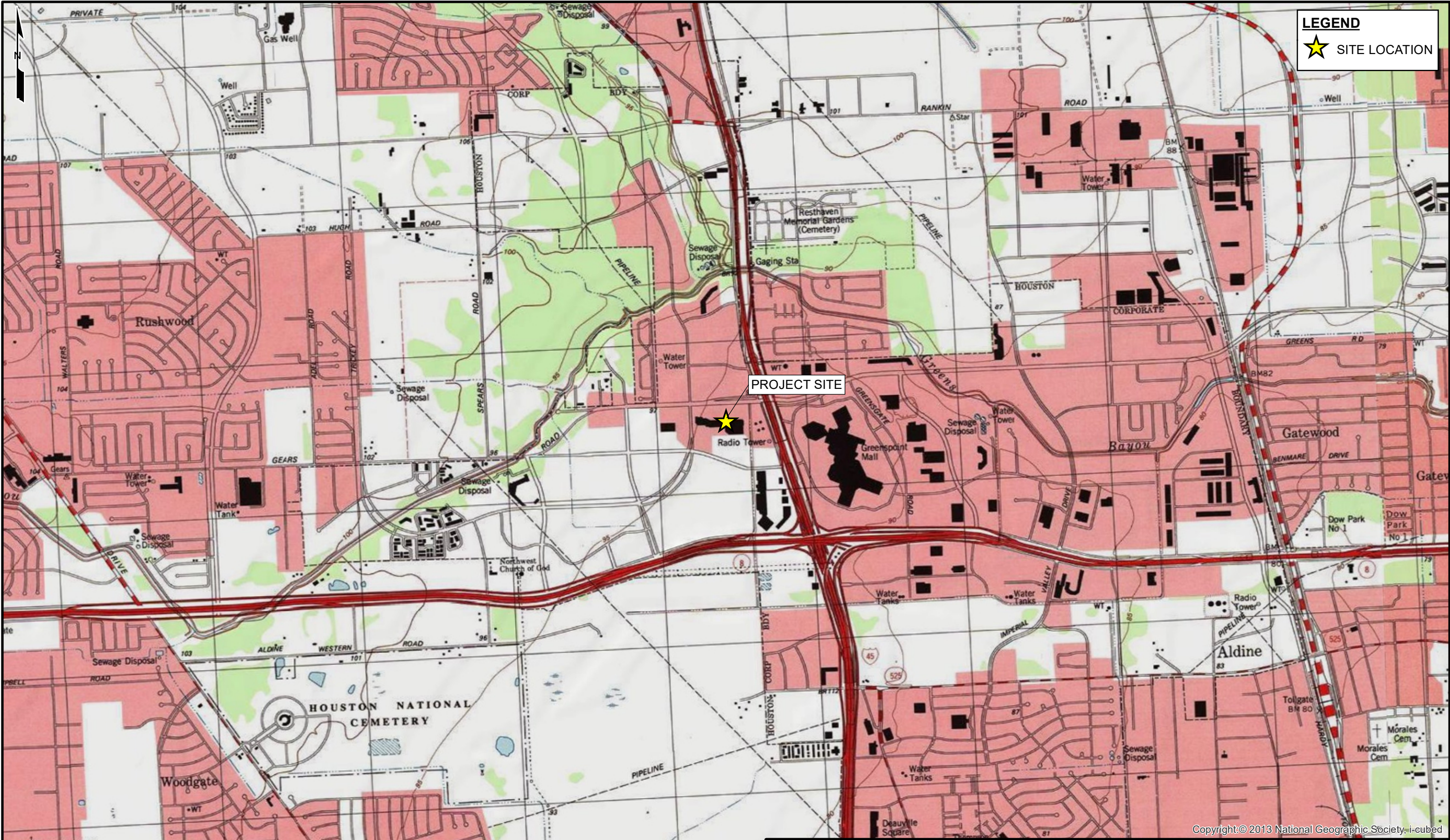
Appendix C-2 – Sample Location Map

Appendix C-3 – Flood Insurance Rate Map, FIRM Panel No. 48201C0460M, October 16, 2013

Appendix C-4 – Groundwater Chemical concentration Map November 2023

Appendix C-5 – Potentiometric Surface Map November 15th-16th, 2023

Date: 1/8/2021 User: ALeonard Path: \\azrgisgstor001\GIS_Projects\Client\ExxonMobil\TX_CTC\20171455.001A_TXCTC_Green's Crossing\GIS\MXD\2020\GC_SITE_LOCATION_MAP-C1.mxd



LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

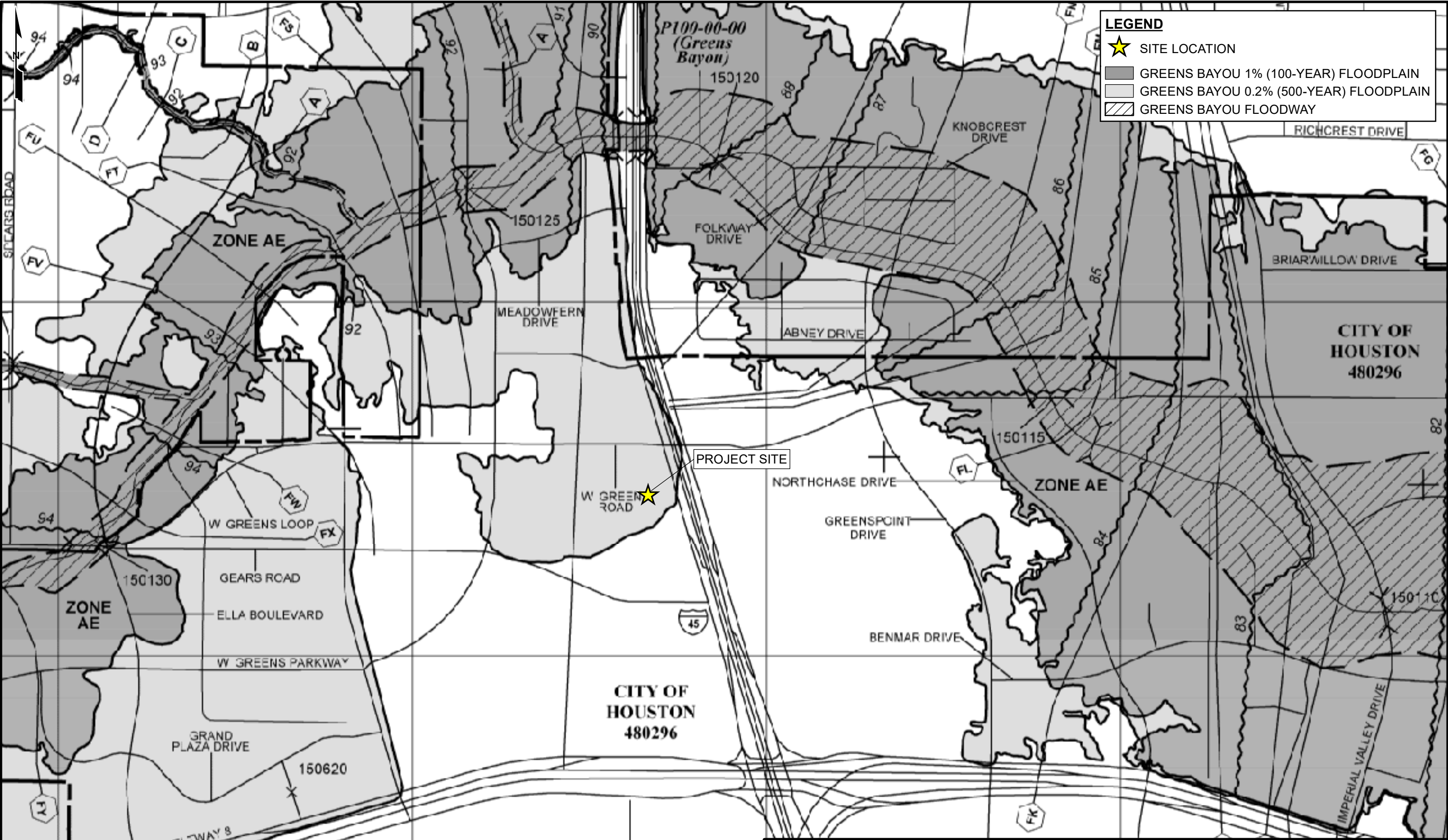
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PROJECT NO.	20171455
CREATED:	1/8/2021
CREATED BY:	AL
CHECKED BY:	JE
FILE NAME:	GC_SITE_LOCATION_MAP-C1.mxd

SITE LOCATION MAP		APPENDIX
GREENS CROSSROADS SHOPPING CENTER TCEQ SWR No. 84495 HARRIS COUNTY, TEXAS		C-1


Date: 1/8/2021 User: ALeonard Path: \\azrgisstor01\GIS_Projects\Client\ExxonMobil\TX_CTC\20171455.001A_TXCTC_Green's Crossing\GIS\MXD\2020\GC_FLOOD_MAP_C3.mxd



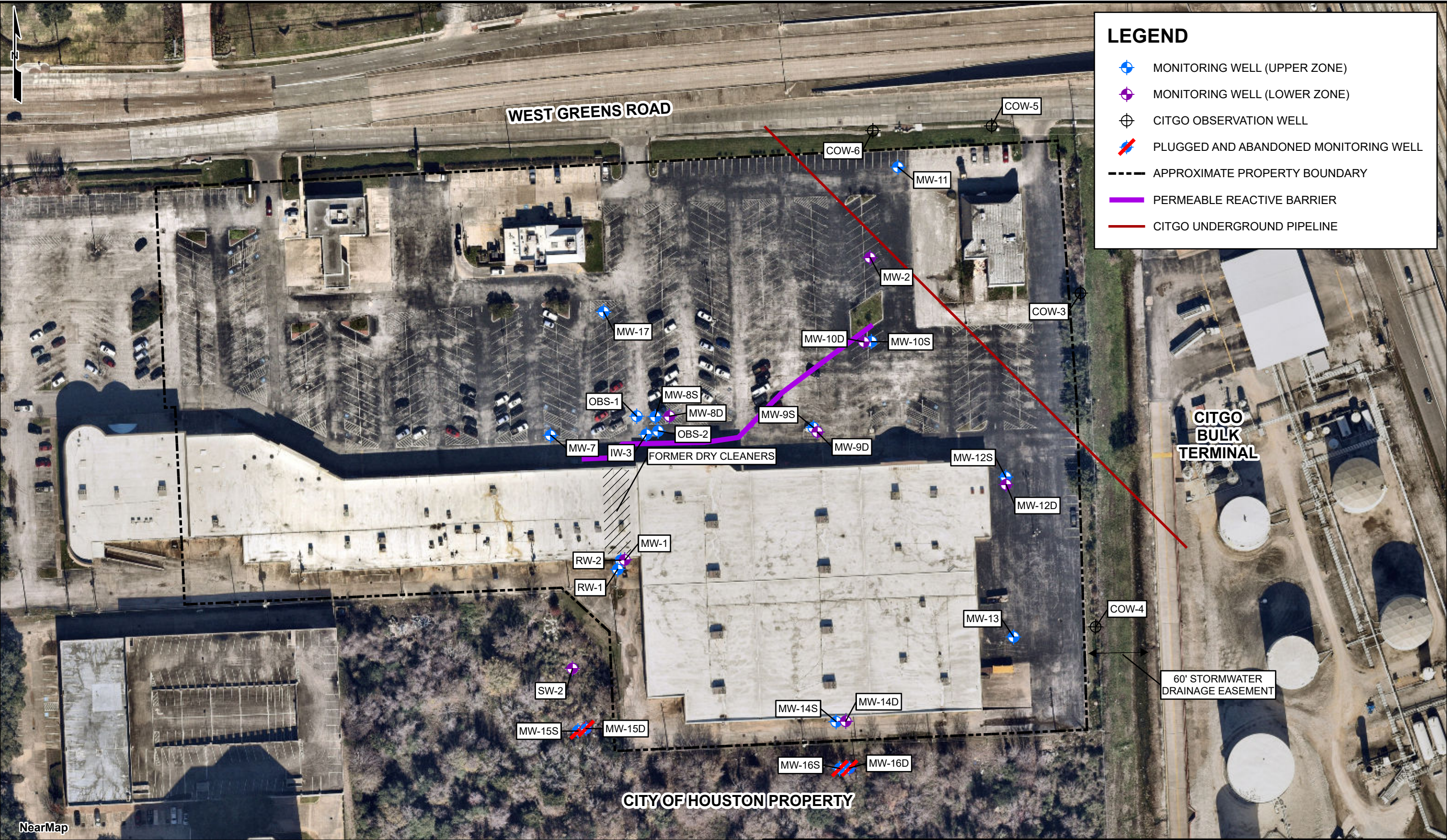
LAT: 29.948257° NORTH, LONG: 95.418932° WEST FIRM Panel No. 48201C0460M, October 16, 2013
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

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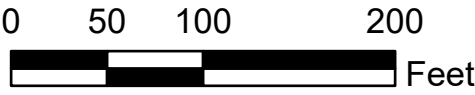


 KLEINFELDER <i>Bright People. Right Solutions.</i> www.kleinfelder.com	PROJECT NO.	20171455	FLOOD INSURANCE RATE MAP	APPENDIX C-3
	CREATED:	1/8/2021		
	CREATED BY:	AL	GREENS CROSSROADS SHOPPING CENTER TCEQ SWR No. 84495 HARRIS COUNTY, TEXAS	
	CHECKED BY:	JE		
	FILE NAME:	GC_FLOOD_MAP_C3.mxd		

Path: \\azrjssr03\GIS\Projects\Client\ExxonMobil\TX_CTC\20171455.001A_TXCTC_Green's Crossing\GIS\APR\X\CTC_GreensCrossing.aprx.mxd



LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL



PROJECT NO.	20171455
DRAWN:	6/14/2024
DRAWN BY:	DG
CHECKED BY:	BL
FILE NAME:	GC_AP_RAER_2023_C2

SAMPLE LOCATION MAP
GREENS CROSSROADS SHOPPING CENTER TCEQ SWR NO. 84495 HARRIS COUNTY, TEXAS

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Path: \\azgrjsstor03\GIS\Projects\Client\ExxonMobil\TX_CTC\20171455.001A_TXCTC_Green's Crossing\GIS\APR\X\CTC_GreensCrossing\ICTC_GreensCrossing.aprx

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2-Dichloroethylene (mg/L)	trans-1,2-Dichloroethylene (mg/L)	1,1-Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 Res ^{GW} GW _{ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 Res ^{Air} GW _{ph-V}		110	4.3	220	140	300	0.830
SW-2	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-2	11/15/2023	0.0019 JH	0.0011 JH	0.017 JL	0.00076 JH	< 0.00020 U	0.00049 JH
MW-8S	11/15/2023	< 0.00030 U	0.0029 JH	0.12 JL	0.0038 JH	< 0.00020 U	0.033 JH
MW-8D	11/15/2023*FD	0.017 JH	0.018 JH	0.20 JL	0.0017 JH	< 0.00020 U	0.0019 JH
	11/15/2023	0.017 JH	0.017 JH	0.19 JL	0.0018 JH	< 0.00020 U	0.0019 JH
MW-9S	11/15/2023	< 0.00030 U	< 0.00030 U	0.0041 JL	< 0.00020 U	< 0.00020 U	0.00063 JH
MW-9D	11/15/2023	0.0020 JH	0.0028 JH	0.012 JL	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-10S	11/15/2023	< 0.00030 U	< 0.00030 U	0.0037 JL	< 0.00020 U	< 0.00020 U	0.0018 JH
MW-10D	11/15/2023	0.0023 JH	0.0081 JH	0.34 JL*	0.010 JH	< 0.00020 U	0.014 JH8*
MW-11	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-12S	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-12D	11/15/2023	< 0.00030 U	< 0.00030 U	0.0020 JL	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-13	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-14S	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-14D	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-17	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

LEGEND

- PLUGGED AND ABANDONED MONITORING WELL LOCATION
- MONITORING WELL LOCATION
- CITGO OBSERVATION WELLS
- GROUNDWATER MONITOR WELL LOCATION WITH RESULTS THAT EXCEED PCL
- PERMEABLE REACTIVE BARRIER
- ALL-CONSTITUENT PCLE
- LOCATION OF FORMER DRY CLEANER
- APPROXIMATE PROPERTY BOUNDARY
- PIPELINE

NOTE:
1. SEE TABLES FOR DETAILS AND DEFINITIONS OF ACRONYMS AND ABBREVIATIONS



LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

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0 50 100 200 Feet



PROJECT NO. 20171455
DRAWN: 6/14/2024
DRAWN BY: DG
CHECKED BY: BL
FILE NAME: GC_GWCHEM_RAER_2023_C4

GROUNDWATER CHEMICAL
CONCENTRATION MAP
NOVEMBER 2023

GREENS CROSSROADS SHOPPING CENTER
TCEQ SWR NO. 84495
HARRIS COUNTY, TEXAS

ATTACHMENT

C-4

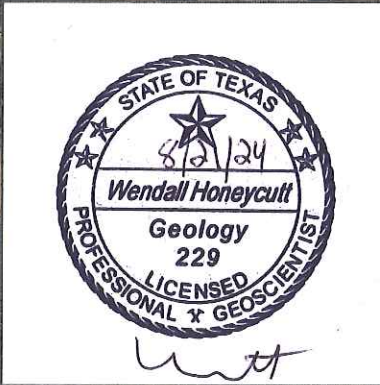
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Sample ID	Date	Top of Casing Elevation (feet amsl)	Depth to Water (feet)	Depth to DNAPL (feet)	DNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW-1	11/16/2023	90.00	18.47	ND	ND	71.53
MW-2	11/15/2023	89.26	17.80	ND	ND	71.46
MW-7	11/15/2023	91.21	16.24	ND	ND	74.97
MW-8S	11/15/2023	91.24	19.90	ND	ND	71.34
MW-8D	11/15/2023	91.11	19.65	ND	ND	71.46
MW-9S	11/15/2023	91.33	20.20	ND	ND	71.13
MW-9D	11/15/2023	91.33	19.89	ND	ND	71.44
MW-10S	11/15/2023	90.56	19.20	ND	ND	71.36
MW-10D	11/15/2023	90.46	19.20	ND	ND	71.26
MW-11	11/15/2023	90.79	19.00	ND	ND	71.79
MW-12S	11/15/2023	91.64	19.30	ND	ND	72.34
MW-12D	11/15/2023	97.56	20.30	ND	ND	71.26
MW-13	11/16/2023	90.58	19.03	ND	ND	71.55
MW-14S	11/16/2023	90.31	19.20	ND	ND	71.11
MW-14D	11/16/2023	90.12	18.50	ND	ND	71.62
MW-17	11/15/2023	89.9	17.50	ND	ND	72.4
SW-2	11/16/2023	93.54	22.00	ND	ND	71.54

LEGEND

- MONITORING WELL LOCATION
- PLUGGED MONITORING WELL LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- CITGO UNDERGROUND PIPELINE
- LOCATION OF FORMER DRY CLEANER
- POTENTIOMETRIC SURFACE ELEVATION (FT AMSL) (DASHED WHERE INFERRED)
- INTERPRETED GROUNDWATER FLOW DIRECTION
- WELL ID
GROUNDWATER ELEVATION (FT AMSL)

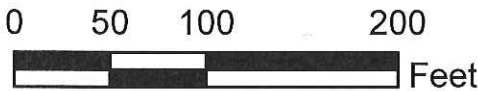
NOTES:
FT AMSL - FEET ABOVE MEAN SEA LEVEL.
NM - NOT MEASURED.
MW-12S IS EXCLUDED FROM CONTOURING DUE TO PROBABLE FIELD ERROR.



NearMap

LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

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PROJECT NO. 20171455
DRAWN: 8/12/2024
DRAWN BY: DG
CHECKED BY: WH
FILE NAME: GC_GWG_Nov2023_C5

POTENTIOMETRIC SURFACE MAP
NOVEMBER 15TH-16TH, 2023

GREENS CROSSROADS
TCEQ SWR NO. 84495
HOUSTON, TEXAS
HARRIS COUNTY

ATTACHMENT

C-5

APPENDIX D

List each contaminant of concern within the designated groundwater then describe:

- 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).

The primary contaminant of concern (COC) associated with this site is tetrachloroethylene (PCE) from former dry cleaner operations. Based on environmental investigations at the designated property, chlorinated ethenes (including tetrachloroethylene (PCE) and associated degradation products: trichloroethylene, cis- and trans-1,2-dichloroethylene, 1,1-dichloroethylene, and vinyl chloride) have been identified in the shallow groundwater bearing unit (GWBU) at concentrations which exceed the current ingestion-based PCL ($^{GW}GW_{Ing}$). The presence of the degradation products is a positive indicator that degradation/attenuation of the PCE and daughter products (e.g., trichloroethylene) is occurring.

Tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), 1,1-dichloroethylene (1,1-DCE), and vinyl chloride (VC) were detected at concentrations above the residential groundwater ingestion protective concentration level (PCL) during the most recent sampling events between December 2019, December 2020, and January 2022. However, as of 2022, and 2023 COC concentrations in groundwater do not exceed non-ingestion PCLs ($^{Air}GW_{Inh-V}$). No COCs have been identified in Site soil at concentrations which exceed the TCEQ TRRP protective concentration levels ($^{Tot}SOIL_{Comb}$ or $^{Air}SOIL_{Inh-V}$).

Table D-1 lists each COC, the ingestion and non-ingestion PCLE zone, vertical and horizontal extent, and geochemical properties is provided on the following page.

Table D-1. Groundwater Ingestion and Non-Ingestion PCLE Zone Summary

	Tetrachloroethylene (PCE) CAS 127-18-4	Trichloroethylene (TCE) CAS 79-01-6	cis-1,2- Dichloroethylene (cis-1,2-DCE) CAS 156-59-2	trans-1,2- Dichloroethylene (trans-1,2-DCE) CAS 156-60-5	1,1-Dichloroethylene (1,1-DCE) CAS 75-35-4	Vinyl Chloride (VC) CAS 75-01-4
Maximum Concentration in Groundwater¹ (year):	39.0 mg/L (2019)	4.8 mg/L (2019)	5.6 mg/L (2019)	0.085 mg/L (2019)	0.027 mg/L (2019)	0.033 mg/L (2023) (see note 2)
Groundwater Ingestion-Based PCL (Residential ^{GW}GW_{ing})	0.005 mg/L	0.005 mg/L	0.070 mg/L	0.100 mg/L	0.007 mg/L	0.002 mg/L
Groundwater Ingestion-Based PCLE Zone³						
Length (ft):	250	250	250	None	25	440
Width (ft):	85	95	120	None	15	155
Approximate Min. Depth (ft bgs):	14	14	14	None	14	12.8
Approximate Max. Depth (ft bgs):	48	48	48	None	48	48
Total Area (acres):	0.22	0.29	0.47	None	0.009	1.27
Groundwater Non-Ingestion-Based PCL (mg/L)	840 mg/L	33 mg/L	1700 mg/L	1100 mg/L	2300 mg/L	0.830 mg/L
	^{Air} GW _{Inh-V} Commercial/Industrial 0.5-acre source	^{Air} GW _{Inh-V} Commercial/Industrial 0.5-acre source	^{Air} GW _{Inh-V} Commercial/Industrial 0.5-acre source	^{Air} GW _{Inh-V} Commercial/Industrial 0.5-acre source	^{Air} GW _{Inh-V} Commercial/Industrial 0.5-acre source	^{Air} GW _{Inh-V} Commercial/Industrial 30-acre source
Groundwater Non-Ingestion - Based PCLE Zone (with MSD/Commercial/Industrial)						
Length (ft):	None	None	None	None	None	None
Width (ft):	None	None	None	None	None	None
Min. Depth (ft bgs):	None	None	None	None	None	None
Max. Depth (ft bgs):	None	None	None	None	None	None
Total Area (acres):	None	None	None	None	None	None
Geochemical/Physical Properties⁴						
Molecular Weight (g/mol):	165.83	131.39	96.94	96.94	96.94	62.498
Density/Specific Gravity (g/cm ³):	1.6227	1.4642	1.2840	1.2840	1.213	0.9110
Specific gravity > 1 g/cm ³ (i.e., Heavier than water?):	yes	yes	yes	yes	Yes	no
Solubility in Water (mg/L at 25°C):	150	1,280	3,500	3,500	400	2,700

¹ Maximum concentration shown is either from the most recent sampling in 2023 or is the maximum from Dec 2019, to be conservative; 2019 was the most recent groundwater monitoring event that included sitewide monitoring wells. The groundwater monitoring program was modified in 2020 to focus primarily on the perimeter wells to monitor the plume extent/stability.

² For vinyl chloride, the maximum detection in groundwater from the 2019-2023 groundwater monitoring events was 1.1 mg/L at MW-8D in 2021. However, in 2023, the vinyl chloride concentration at MW-8D was 0.0019 mg/L. The maximum concentration of vinyl chloride detected in Site groundwater in November 2023 was 0.033 mg/L.

³ Groundwater ingestion PCLE zone remains consistent since original MSD application was submitted in 2020 (with 2019 groundwater data), current groundwater monitoring program does not include all monitoring wells, only wells associated with the Response Action Plan with a Plume Management Zone.

⁴ Data Source: <https://pubchem.ncbi.nlm.nih.gov/>

APPENDIX E

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

- The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater.
- The critical protective concentration level without the municipal setting designation, highlighting any exceedances.

Groundwater

COCs (PCE, TCE, cis-1,2-DCE, 1,1-DCE, and VC) were detected at concentrations exceeding their respective TRRP ^{GW}GW_{ing} Tier 1 PCLs during the most recent sampling events between December 2019 and November 2023. Based on the proposed response actions, institutional controls such as this MSD will be used to eliminate the groundwater ingestion exposure pathway at the designated property. **Table E-1** presents the maximum concentrations of each COC from the December 2019 through November 2023 groundwater monitoring period at the designated property. Reference **Appendix G-5** for graphs for each COC.

Table E-1 – Comparison of Maximum Groundwater COC Concentrations to Critical PCLs with and without MSD

COC	^{GW} GW _{ing} Ingestion PCL [Critical PCL without MSD]		C/I ^{Air} GW _{inh-v} Non-ingestion PCL ¹ [Critical PCL with MSD]		Maximum Concentration (2019 - 2023)
	(mg/L)	Tier	(mg/L)	Tier	(mg/L)
PCE	0.005	1	840	1	39 (2019)
TCE	0.005	1	33	1	4.8 (2019)
cis-1,2-DCE	0.070	1	1700	1	5.6 (2019)
trans-1,2-DCE	0.100	1	1100	1	0.085 (2019)
1,1-DCE	0.007	1	2300	1	0.027 (2019)
VC	0.002	1	0.830	1	0.033 (2023)

Notes:

Bold text indicates an exceedance of the screening criteria **without MSD** (^{GW}GW_{ing})

¹ Critical non-ingestion PCLs are based on 0.5-acre source for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and 1,1-DCE. Critical non-ingestion PCL for vinyl chloride is based on 30-acre source to be conservative.

² For vinyl chloride, the maximum detection in groundwater from the 2019-2023 groundwater monitoring events was 1.1 mg/L at MW-8D in 2021. However, in November 2023, the vinyl chloride concentration at MW-8D was 0.0019 mg/L. The maximum concentration of vinyl chloride detected in Site groundwater in November 2023 was 0.033 mg/L at MW-8S. See data table in Appendix G.

³ Current groundwater monitoring program does not include all monitoring wells, only wells associated with the Response Action Plan with a Plume Management Zone.

Soil

Table E-2 below compares maximum soil COC concentrations to soil critical PCLs with and without an MSD.

Table E-2 Comparison of Maximum Soil COC Concentrations to Critical PCLs with and without MSD

COC	^{GW} SOIL _{Ing} Soil to Groundwater Ingestion PCL <i>[Critical PCL for surface and subsurface soil without MSD]</i>		30-Acre C/I ^{Tot} SOIL _{Comb} Ingestion and Non-Ingestion PCL <i>[Critical PCL for surface soil with MSD]</i>		30-Acre C/I ^{Air} SOIL _{Inh-v} Non- Ingestion PCL <i>[Critical PCL for subsurface soil with MSD]</i>		Soil Maximum Concentration of COC
	(mg/kg)	Tier	(mg/kg)	Tier	(mg/kg)	Tier	(mg/kg)
PCE	0.025	1	770	1	810	1	18.9
TCE	0.017	1	21	1	22	1	0.117
cis-1,2-DCE	0.12	1	500	1	660	1	0.300
trans-1,2-DCE	0.25	1	640	1	660	1	0.005
1,1-DCE	0.025	1	3,500	1	3,800	1	N/A
VC	0.011	1	13	1	37	1	0.040

Notes:

Bold text indicates an exceedance of the screening criteria **without MSD** (Tier-1 Commercial/Industrial ^{GW}SOIL_{Ing} for 30-Acre Source Area).

No exceedances of the screening criteria with MSD (Tier-1 Commercial/Industrial ^{Tot}SOIL_{Comb} for 30-Acre Source Area for surface soil and Tier 1 Commercial/Industrial ^{Air}SOIL_{Inh-v} for 30-Acre Source Area for subsurface soil) were reported.

APPENDIX F

If the plume extends beyond the limits of property owners listed in this application, list the property owners of the additional property beneath which the plume(s) extend(s), and a summary of interactions with those property owners about the plume(s) and this MSD application. Please Note: You are not required under this item to notify affected property owners, only to provide a summary of who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer

Not Applicable, the plume does not extend off-site onto properties owned by another property owner. The plume has been stable to shrinking in areal extent due to natural attenuation processes and previous remediation activities (pump and treat, permanganate injection, zero valent iron, etc.).

APPENDIX G

A statement that the plume of contamination is stable (i.e., no change) or contracting and delineated, with the basis for that statement. Please include historical sampling data and Graph.

Source Removal Discussion

According to the APAR submitted to the TCEQ in 2003, the contaminants reported in groundwater at the designated property appear to have originated from dry cleaning activity at the Site. The release (of unknown quantity) was discovered during a Phase I Environmental Site Assessment (ESA) completed for a potential buyer of the designated property. The tenant operator, Clenet Cleaners, occupied the property from 1989 until the mid-1990s. No further dry cleaning activity has taken place since the mid-1990s, and as a result, no further chlorinated ethene contamination has occurred since. In addition to the cessation of dry cleaning operations and removal dry cleaning equipment, several groundwater remediation approaches have been used to remove contaminant mass. From July 1996 until July 2000, groundwater extraction and treatment (a single recovery well with an air stripper, mechanical filtration, granular activated carbon polishing, and a reinjection well) was the primary means of COC mass removal. In July 2000, groundwater recovery was terminated, and potassium permanganate (KMnO_4) injection was used for in-situ oxidation of the COCs. Two injection events occurred in October 2000 and May 2001, and performance monitoring was completed to assess the treatment's effectiveness. In January and July 2008, two pilot tests of injected zero valent iron (ZVI) reagent were completed near MW-1 and MW-8S, respectively. This technology removes mass via in-situ chemical reduction of chlorinated ethenes. In 2013, a full-scale implementation of a ZVI and slow-release carbon reagent remedy was completed. This permeable reactive barrier (PRB) was placed via injection through closely-spaced hollow stem auger borings. Since then, routine groundwater monitoring has been performed. Natural attenuation processes are apparent from the results of those groundwater sampling events; specifically the decrease in concentrations of the primary contaminant, PCE, and increases in the concentrations of degradation (a.k.a., daughter) products of PCE (TCE, cis-1,2-DCE, and VC).

Plume Delineation Discussion

The chlorinated ethene plume at the Site has been delineated to residential, ingestion-based PCLs (GW_{Ing}) since October 2016; and as of the most recent groundwater monitoring event completed in November 2023 it remains delineated to the residential assessment level.

In 2020, at TCEQ's request, an additional monitoring well was installed to the northwest of the PCLE zone to confirm the hydrogeologic interpretation in this area. The groundwater sampling results from MW-17 in 2020 confirmed that COCs were not detected at this location, thus validating the Site delineation.

Plume Stability Discussion

Based on the historical groundwater monitoring that has been performed from 1996 to the present, it can be concluded that the plume in the groundwater bearing unit (GWBU) underlying the designated property is stable to decreasing. This GWBU is also referred to as the Upper

Transmissive Zone (UTZ) in submittals to the TCEQ. The areal extent of the protective concentration level exceedance (PCLE) zone in the UTZ has decreased since groundwater monitoring began in 1996. **Appendix G-1** shows the PCLE zone for all COCs in groundwater decreasing from approximately 2.44 acres in December 2012 to 1.27 acres in December 2019; an overall 47.9% decrease in total area. The plume extent has remained stable from December 2019 to January 2022 (most recent groundwater monitoring event.) Also worth noting, the primary COC, tetrachloroethylene (PCE), defined the extent of the PCLE zone in December 2012, however, vinyl chloride (VC), a degradation byproduct of PCE, defined the extent of the PCLE zone in December 2019-January 2022 – credible evidence of natural attenuation processes in Site groundwater. **Appendix G-2** shows the PCLE zone for PCE only over time. This figure shows that the PCLE area for PCE (the actual compound that was released from the dry cleaner) decreases from 2.44 acres in December 2012 to 0.22 acres in December 2019, an overall 90.9% decrease in total area. The December 2020 and November 2023 groundwater monitoring results are similar to December 2019 results and confirm that degradation processes are continuing to occur, and the plume has remained stable.

Complete Analytical Data Summaries

Appendix G-3 and **Appendix G-4** are tables summarizing historical soil and groundwater concentrations, respectively. All exceedances shown in **Appendix G-3** are for the 0.5-acre residential soil PCL, but no results exceed the $^{Tot}SOIL_{Comb}$ or $^{Air}SOIL_{Inh-V}$ screening criteria, therefore no soil exceedances will remain if the MSD ordinance is issued for the designated property.

Conclusions

The designated property meets the stated eligibility criteria stated in this section due to the following:

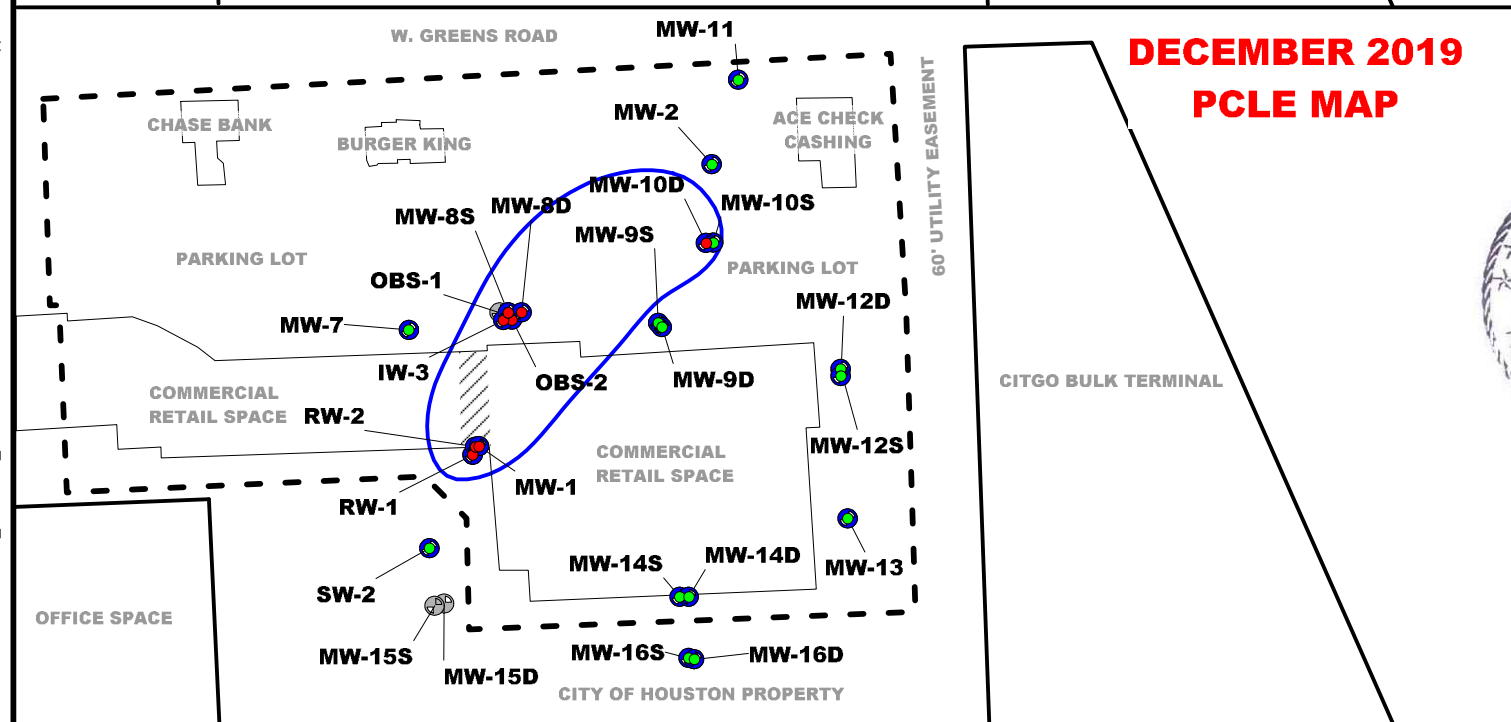
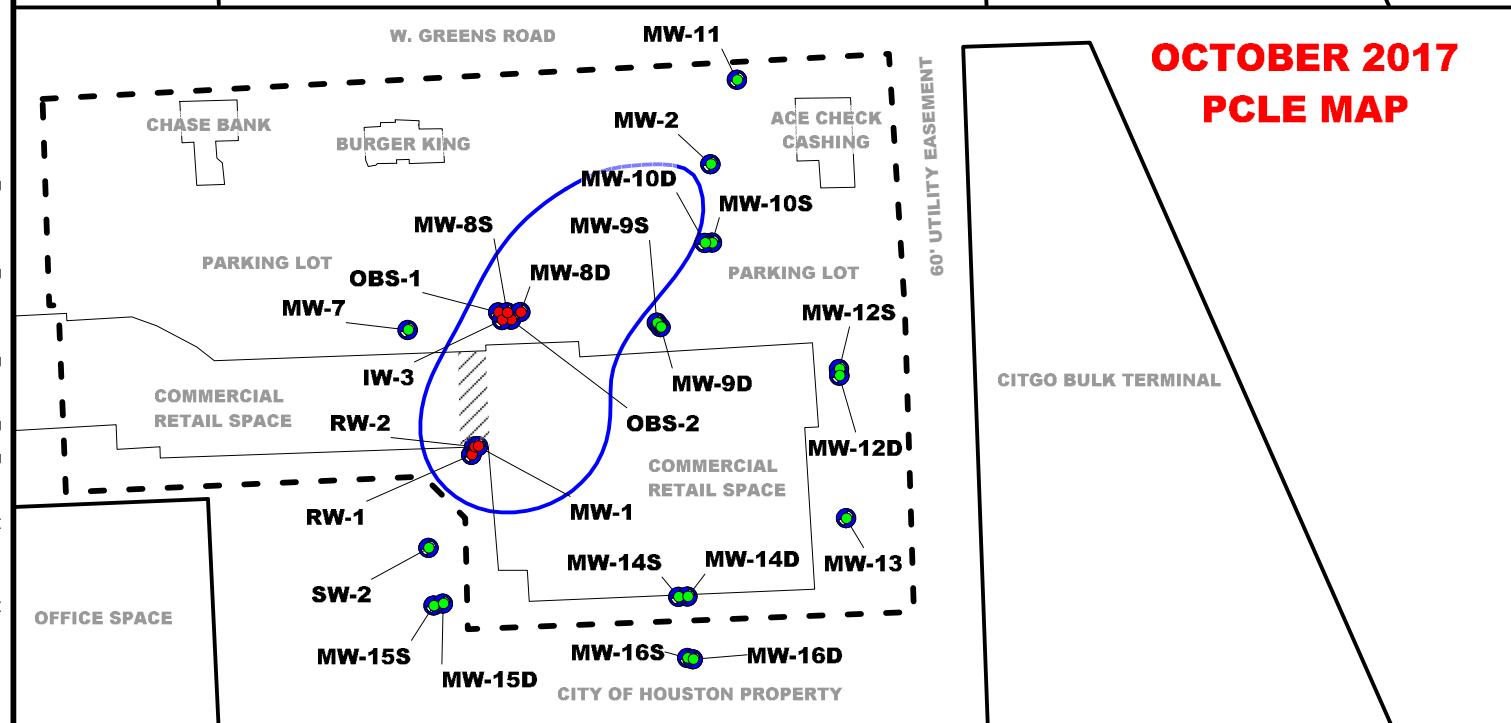
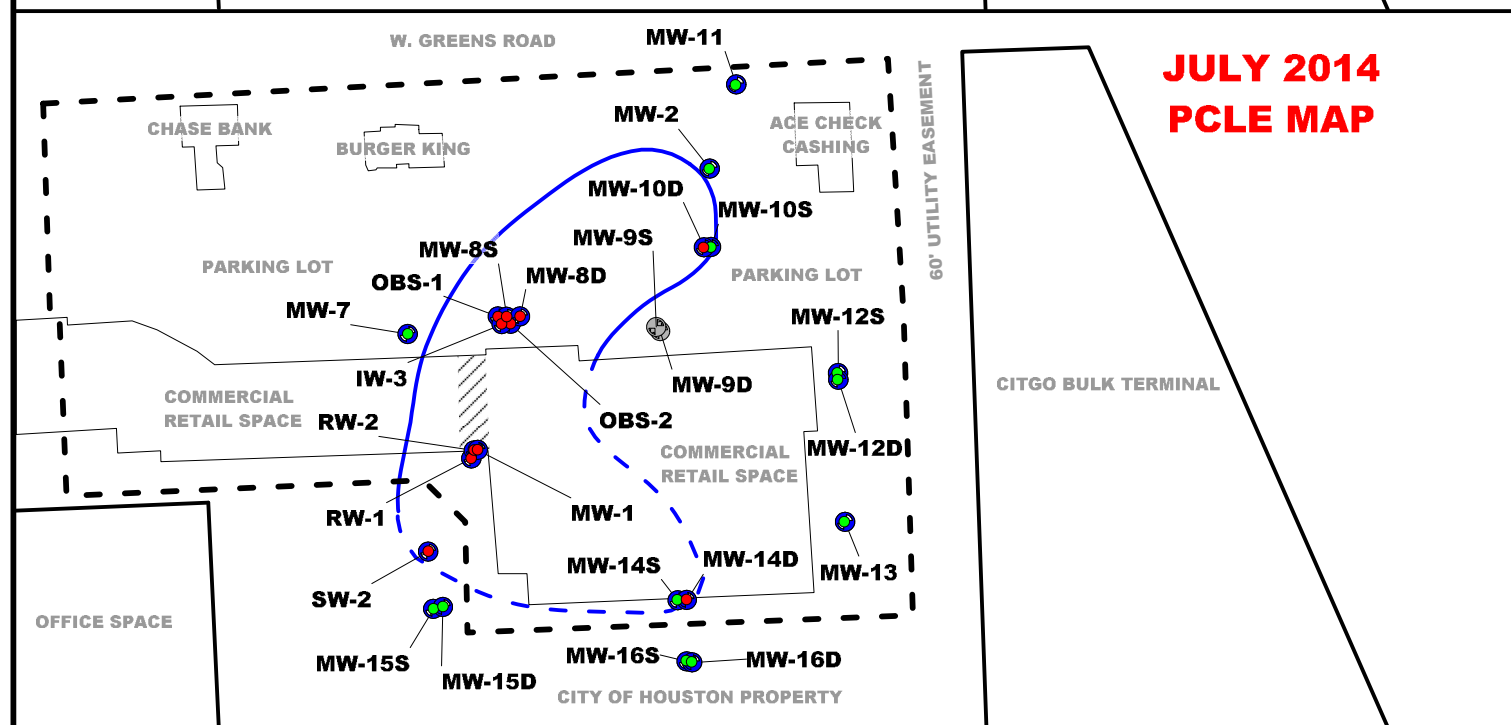
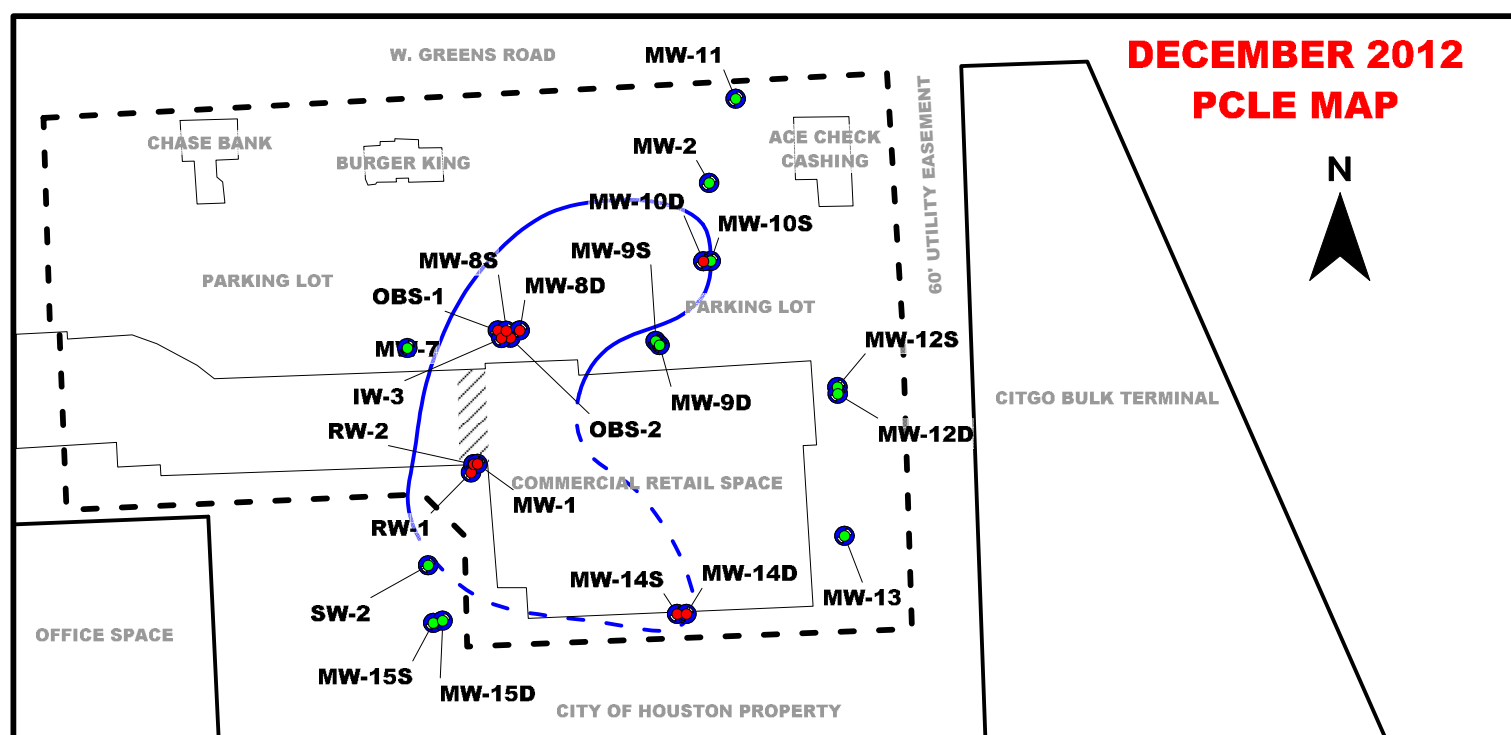
- No ongoing primary source of chlorinated ethenes exists at the site because the dry cleaner closed in the mid-1990s;
- Several active source mass removal efforts have been undertaken at the Site from 1996-2013 – these include groundwater recovery and treatment, in-situ chemical oxidation, and in-situ chemical reduction;
- The PCLE zone in groundwater has decreased in total area by 47.9% and the PCLE zone in groundwater for PCE has decreased in total area by 90.9% - strong evidence for a decreasing plume;
- In-situ chemical reduction reagents (zero valent iron [ZVI] and slow-release carbon) that were introduced into the subsurface in 2013 appear to have augmented natural attenuation processes;
- As a result, individual monitoring wells generally show a decrease in PCE concentrations over time, and in many cases show temporary increases in the concentrations of PCE daughter products (TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, and VC) followed by decreases of those daughter product concentrations;
- The plume has been delineated to the residential assessment level since October 2016 and remains stable;
- No physical control (paving) will be needed to address soil exceedances if the MSD ordinance is issued for the Site.

APPENDICES G-1 AND G-2

Figures

Appendix G-1 – Groundwater PCLE Zone Over Time All Constituents

Appendix G-2 – Groundwater PCLE Zone and Concentrations Over Time (Tetrachloroethylene)



LEGEND

MONITORING WELL NOT
SAMPLED DURING GROUND-
WATER MONITORING EVENT

MONITORING WELL SAMPLED
DURING GROUNDWATER
MONITORING EVENT

MONITORING WELL SAMPLED
DURING GROUNDWATER
MONITORING EVENT

MW-11 WELL ID

 PCL EXCEEDANCE ZONE FOR ALL CONSTITUENTS (DASHED WHERE INFERRED)

ANALYTICAL RESULTS BELOW
PCL FOR ALL CONSTITUENTS

- ANALYTICAL RESULTS ABOVE PCL FOR ONE OR MORE CONSTITUENTS

 FORMER DRY CLEANER

- - - APPROXIMATE PROP-
ERTY BOUNDARY



ABBREVIATIONS:

PCL = PROTECTIVE CONCENTRATION
LEVEL

PCLE = PROTECTIVE CONCEN-
TRATION LEVEL EXCEEDANCE

MG/L = MILLIGRAMS PER LITER

NOTE: PCLE ZONE AREA HAS DECREASED FROM 2.44 ACRES IN DECEMBER 2012 TO 1.27 ACRES IN DECEMBER 2019 - AN OVERALL DECREASE OF 47.9%

PLUME AREAS WERE
DERIVED FROM KRIGING
ALGORITHM OUTPUTS
WITH A LOGARITHMIC
SEMIVARIOGRAM



0 75 150 225 300 FEET

LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

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PROJECT NO.	20171455
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DRAWN BY: JE

CHECKED BY: WH

FILE NAME:
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ALL-COCS PORTRAIT.SRF

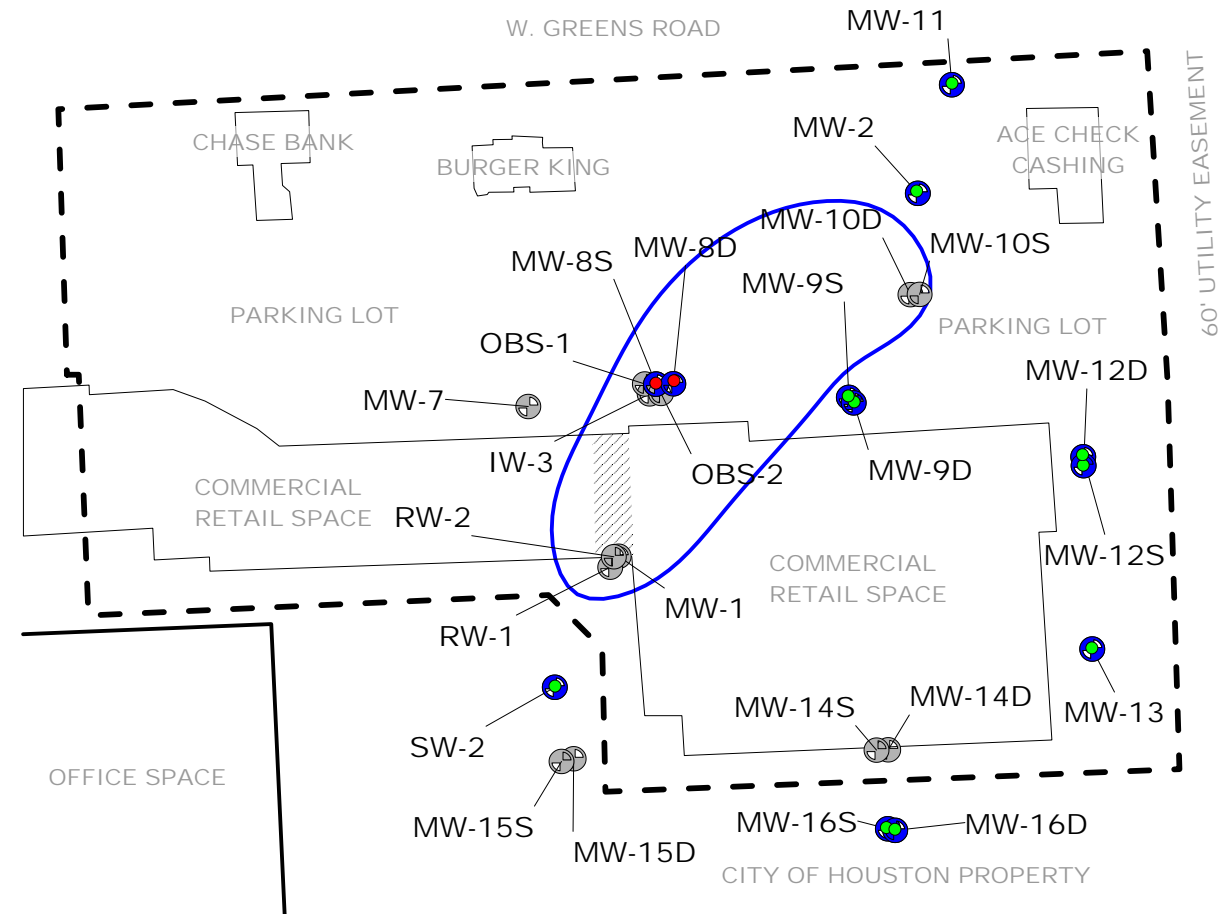
**GROUNDWATER PCLE ZONE
OVER TIME
ALL CONSTITUENTS**

GREENS CROSSROADS SHOPPING CENTER
TCEQ SWR NO. 84495
HARRIS COUNTY, TEXAS

APPENDIX

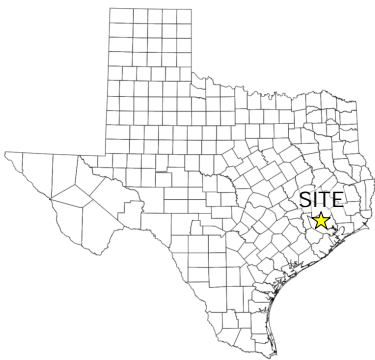
G-1

DECEMBER 2020
PCLE MAP



LEGEND

- MONITORING WELL (SAMPLED)
- MONITORING WELL (NOT SAMPLED)
- PLUGGED AND ABANDONED MONITORING WELL
- ANALYTICAL RESULTS BELOW PCL FOR ALL CONSTITUENTS
- ANALYTICAL RESULTS ABOVE PCL FOR ONE OR MORE CONSTITUENTS
- FORMER DRY CLEANER (SOURCE RELEASE)
- PCLE ZONE - ALL CONSTITUENTS (DASHED WHERE INFERRED)
- APPROXIMATE PROP-ERTY BOUNDARY



ACRONYMS

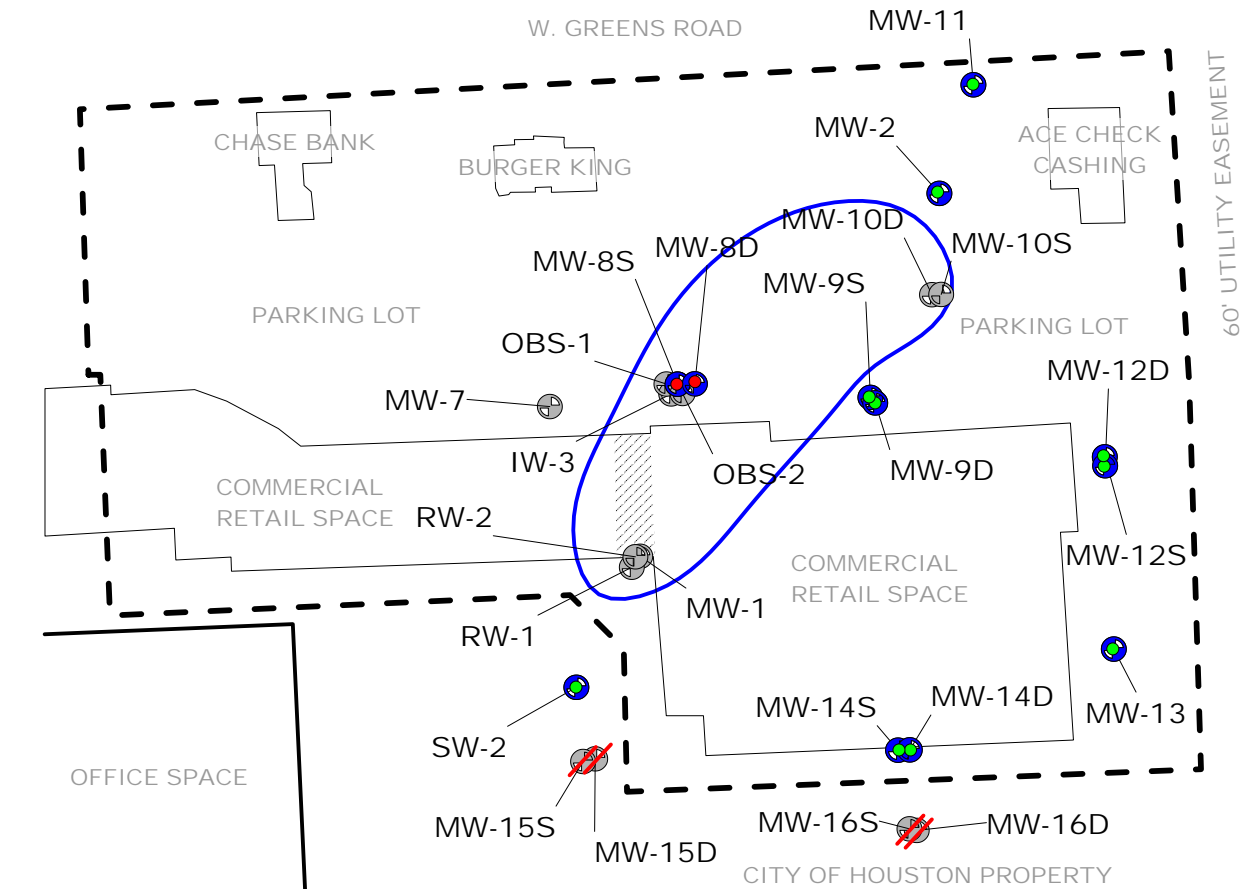
PCL: PROTECTIVE CONCENTRATION LEVEL

PCLE: PROTECTIVE CONCENTRATION LEVEL EXCEEDANCE

NOTES:

PCLE ZONE AREA HAS DECREASED FROM 2.44 ACRES IN DECEMBER 2012 TO 1.27 ACRES IN DECEMBER 2019 - AN OVERALL DECREASE OF 47.9%. PLUME AREAS WERE DERIVED FROM KRIGING ALGORITHM OUTPUTS WITH A LOGARITHMIC SEMIVARIOGRAM

JANUARY 2022
PCLE MAP



CITGO BULK TERMINAL

0 200 ft.

LAT: 29.948257° NORTH, LONG: 95.418932° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - TEXAS SOUTH CENTRAL

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GROUNDWATER PCLE ZONE
OVER TIME
ALL CONSTITUENTS

GREENS CROSSROADS SHOPPING CENTER
TCEQ SWR NO. 84495
HARRIS COUNTY, TEXAS

APPENDIX

G-1

APPENDIX G-3

Soil Analytical Summary Table

	Sample ID: Depth: (ft) Sample Date:	SB-1 12-14 12-14 19-Dec-95	GP-1 1-2 1-2 07-Mar-96	GP-1 4-6 4-6 07-Mar-96	GP-1 10-12 10-12 07-Mar-96	GP-1 14-16 14-16 07-Mar-96	GP-2 2-4 2-4 07-Mar-96	GP-2 8-10 8-10 07-Mar-96	GP-2 14-16 14-16 07-Mar-96	GP-3 1-2 1-3 07-Mar-96	GP-3 6-8 6-8 07-Mar-96	GP-3 14-16 14-16 07-Mar-96	MW-1 50-51 50-51 26-Apr-96	MW-2 15-16 15-16 19-Apr-00	MW-2 50 50 19-Apr-00	S-1 5.0-5.5 17-May-01
Parameter	PCL(a)															
Tetrachloroethene	0.050	0.17	0.023	0.004 J	0.03	0.469	<0.005	<0.005	0.01	0.016	0.01	<0.005	0.022	<0.005	<0.005	0.22
cis-1,2-dichloroethene	0.248	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	<0.005	0.3
trans-1,2-dichloroethene	0.490	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	<0.005	0.005
1,2-Dichloroethene (total)	0.248	NA	0.018	0.017	0.028	0.075	0.003 J	<0.005	0.01	0.005 J	0.006	<0.005	<0.005	<0.01	<0.01	0.3
Trichloroethene	0.034	0.013	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.117
Vinyl Chloride	0.022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	0.04
1,1,1-Trichloroethane	1.620	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	9.247	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	0.023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methyl Ethyl Ketone	29.287	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	3.873	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone (MIBK)	4.949	NA	<0.01	<0.01	0.004 J	0.003 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	4.749	NA	<0.01	0.04	0.03	<0.01	0.048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	0.026	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	0.445	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	0.546	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	0.131	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	0.405	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	13.584	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.062	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	1.092	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	0.452	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	30.901	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
Chloroform	0.417	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylene Chloride	0.013	<0.005	0.003 J	0.003 J	0.002 J	0.003 J	0.002 J	0.003 J	0.003 J	0.003 J	0.003 J	0.003 J	0.007 U	<0.005	<0.005	0.01
Ethylbenzene	7.630	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	3.255	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	8.210	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	0.036	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylenes (total)	122.522	NA	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.015
TPH		<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	127.976	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	17.885	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.746	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	2.103	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

(a) PCL represents the critical PCL for residential 0.5 acre soil from the TRRP tables applicable as of 2005

Bold result indicates that reported result exceeded PCL.

NA - Not analyzed.

The MQL (Minimum Quantification Limit) and SQL (Sample Quantification Limit) were not provided by laboratory. The LOQ (Limit of Quantification) value was used for this report.

All units reported mg/kg

	Sample ID: Depth: (ft) Sample Date:	DW-1 (4.5-5) 4.5-5 10-Feb-05	SW-1 (5.5-5) 5-5.5 10-Feb-05	SW-1 (25-26) 25-26 10-Feb-05	SW-2 22-25 9-Feb-05	DW-1 (70-70.5) 70-70.5 14-Feb-05	DW-1 (80-80.5) 80-80.5 14-Feb-05	DW-1 (89.5-90) 89.5-90 14-Feb-05	B-1 (5-5.5) 5-5.5 10-Feb-05	B-2 (0-5) 0-5 9-May-05	B-2 (15-20) 15-20 9-May-05	B-2 (50-55) 50-55 9-May-05	B-3 (0-5) 0-5 9-May-05	B-3 (20-25) 20-25 9-May-05	B-3 (50-55) 50-55 9-May-05	B-6 (0-5) 0-5 8-Aug-05	B-6 (25-30) 25-30 8-Aug-05	B-6 (32.5-33.5) 32.5-33.5 8-Aug-05	B-5 (0-5) 0-5 8-Aug-05	B-5 (20-25) 20-25 8-Aug-05
Parameter	PCL(a)																			
Tetrachloroethene	0.050	<0.001	<0.001	5.52	<0.001	<0.0009	<0.0010	<0.0009	0.006	<0.0009	18.9	0.0136	<0.0010	4.97	0.968	<0.0005	<0.0006	<0.002	<0.0006	<0.0006
cis-1,2-dichloroethene	0.248	NA	NA	NA	NA	NA	NA	NA	NA	<0.0008	0.221	<0.0009	0.003	0.0019 J	<0.0008	<0.0005	<0.0005	<0.002	<0.0005	<0.0005
trans-1,2-dichloroethene	0.490	NA	NA	NA	NA	NA	NA	NA	NA	<0.0009	<0.0009	<0.0010	<0.0001	<0.0010	<0.0009	<0.0006	<0.0006	<0.002	<0.0006	<0.0006
1,2-Dichloroethene (total)	0.248	<0.0007	0.0086	0.018 J	<0.0007	<0.0007	<0.0008	<0.0007	0.0115	<0.0007	0.221	<0.0008	0.003	<0.0007	<0.0007	NA	NA	NA	NA	NA
Trichloroethene	0.034	<0.0009	<0.0008	0.025 J	<0.0009	<0.0008	<0.0009	<0.0008	0.0146	<0.0008	0.0693	<0.0009	<0.0009	0.0017 J	0.002	<0.0005	<0.0005	<0.002	<0.0005	<0.0005
Vinyl Chloride	0.022	<0.0009	0.0016	0.0009 J	<0.0009	<0.0008	<0.0009	<0.0008	0.0023	<0.0008	0.0272	<0.0009	<0.0009	<0.0023	<0.0008	<0.0005	<0.0005	<0.002	<0.0005	<0.0005
1,1,1-Trichloroethane	1.620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	9.247	NA	NA	NA	NA	<0.008	<0.008	<0.008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.050	NA	NA	NA	NA	NA	NA	NA	NA	<0.0007	0.0031	<0.0008	<0.0008	<0.0007	<0.0007	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone	29.287	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	3.873	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	4.949	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	4.749	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.445	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	0.546	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	0.131	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	0.405	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	13.584	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.062	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	1.092	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	0.452	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	30.901	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.417	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	7.630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	3.255	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	8.210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.036	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	122.522	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	127.976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	17.885	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.746	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	2.103	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
(a) PCL represents the critical PCL for residential 0.5 ;
Bold result indicates that reported result exceeded PC
NA - Not analyzed.
The MQL (Minimum Quantification Limit) and SQL (Sa
All units reported mg/kg

Parameter	Sample ID:	B-5 (25-30)	B-4 (0-5)	B-4 (5-10)	B-4 (10-15)
	Depth: (ft)	25-30	0-5	5-10	10-15
	Sample Date:	8-Aug-05	9-Aug-05	9-Aug-05	9-Aug-05
	<i>PCL(a)</i>				
Tetrachloroethene	0.050	<0.0007	<0.0006	<0.0006	<0.0006
cis-1,2-dichloroethene	0.248	<0.0006	<0.0005	<0.0006	<0.0005
trans-1,2-dichloroethene	0.490	<0.0007	<0.0006	<0.0006	<0.0006
1,2-Dichloroethene (total)	0.248	NA	NA	NA	NA
Trichloroethene	0.034	<0.0006	<0.0005	<0.0005	<0.0005
Vinyl Chloride	0.022	<0.0006	<0.0005	<0.0005	<0.0005
1,1,1-Trichloroethane	1.620	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.023	NA	NA	NA	NA
1,1,2-Trichloroethane	0.020	NA	NA	NA	NA
1,1-Dichloroethane	9.247	NA	NA	NA	NA
1,1-Dichloroethene	0.050	NA	NA	NA	NA
1,2-Dichloroethane	0.014	NA	NA	NA	NA
1,2-Dichloropropane	0.023	NA	NA	NA	NA
Methyl Ethyl Ketone	29.287	NA	NA	NA	NA
2-Hexanone	3.873	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	4.949	NA	NA	NA	NA
Acetone	4.749	NA	NA	NA	NA
Benzene	0.026	NA	NA	NA	NA
Bromodichloromethane	0.445	NA	NA	NA	NA
Bromoform	0.546	NA	NA	NA	NA
Bromomethane	0.131	NA	NA	NA	NA
Chloromethane	0.405	NA	NA	NA	NA
Carbon disulfide	13.584	NA	NA	NA	NA
Carbon tetrachloride	0.062	NA	NA	NA	NA
Chlorobenzene	1.092	NA	NA	NA	NA
Dibromochloromethane	0.452	NA	NA	NA	NA
Chloroethane	30.901	NA	NA	NA	NA
Chloroform	0.417	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.007	NA	NA	NA	NA
Methylene Chloride	0.013	NA	NA	NA	NA
Ethylbenzene	7.630	NA	NA	NA	NA
Styrene	3.255	NA	NA	NA	NA
Toluene	8.210	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.036	NA	NA	NA	NA
Xylenes (total)	122.522	NA	NA	NA	NA
TPH		NA	NA	NA	NA
Trichlorofluoromethane	127.976	NA	NA	NA	NA
1,2-Dichlorobenzene	17.885	NA	NA	NA	NA
1,3-Dichlorobenzene	6.746	NA	NA	NA	NA
1,4-Dichlorobenzene	2.103	NA	NA	NA	NA

NOTES:

(a) PCL represents the critical PCL for residential 0.5 :

Bold result indicates that reported result exceeded PC

NA - Not analyzed.

The MQL (Minimum Quantification Limit) and SQL (Sa

All units reported mg/kg

APPENDIX G-4

Groundwater Analytical Summary Table

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
OBS-2	9/23/2008	10.4	1.43	2.94	0.0532	0.00482	0.232
	2/19/2009	3.13	0.658	4.68	0.0819	0.00644	0.139
	5/21/2009	2.77	0.918	2.58	0.0732	0.0058	0.114
	11/5/2009	6.65	1.43	1.86	0.0696	0.0041	0.1
	3/16/2010	3.09	1.45	1.27	0.0711	0.0045	0.0933
	6/16/2010	2.5	2	1.32	0.111	0.0039	0.0875
	11/16/2010	5.56	1.9	1.66	0.0813	0.0043	0.105
	4/6/2011	18.4	2.21	2.55	0.094	0.036	0.174
	8/15/2011	28.5	2.82	3.14	0.051	0.018	0.231
	12/19/2011	24	2.39	3.26	0.045	0.025	0.412
	6/13/2012	25.8	2.88	3.39	0.101	0.0098	0.293
	12/19/2012	15.2	3.26	0.0808	5.96	0.0184	0.203
	7/22/2013	0.318	0.185	17.5	0.174	0.025	1.04
	7/9/2014	2.47	1.32	0.0706	12	0.00868	0.772
	12/8/2015	0.286	0.125	17.9	0.145	<0.025	5.18
	10/26/2016	0.114	0.361	2.77	0.12	0.00484	0.533
	4/20/2017	9.05	2.16	3.88	0.129	0.0064 J	0.494
	10/9/2017	0.2	0.18	2.7	0.092	0.0012	0.56
	2/16/2018	1.2	0.96	9.1	0.11	0.011 J	1.8
	10/26/2018	<0.003	0.0083 J	4.4	0.051	<0.002	0.64
	5/30/2019	3.4	1.6	2.5	0.066	0.0072	0.33
	12/30/2019	<0.0015	0.0019 J	1.7	0.068	<0.001	0.73
OBS-1	9/23/2008	35.8	2.86	3.41	0.0553	0.0108	0.299
	2/19/2009	19.2	3.25	6.48	0.0742	0.0115	0.284
	5/21/2009	30.9	2.41	3.07	0.0402	0.01	0.285
	11/5/2009	24.5	2.08	2.83	0.0426	0.0078	0.241
	3/16/2010	19.7	1.63	1.99	0.0314	0.0086	0.208
	6/16/2010	21	2.1	2.64	0.0394	0.0072	0.233
	11/16/2010	19	2.01	2.46	0.056	0.018	0.208
	4/6/2011	26.7	2.26	2.81	0.064	0.036	0.18
	8/15/2011	2.94	0.337	0.352	0.021	0.0018	0.0171
	12/19/2011	0.158	0.0737	0.319	0.00697	0.00054	0.00675
	6/13/2012	0.217	0.133	0.0786	0.0107	<0.0005	0.00571
	12/19/2012	0.0143	0.00312	0.00812	0.159	0.000317	0.00441
	7/15/2013	0.00798	0.0253	0.0368	0.00361	<0.00025	0.00183
	7/8/2014	0.00901	0.017	0.0565	0.438	0.00045	0.0194
	12/8/2015	0.267	0.341	0.285	0.0616	0.000563 J	0.0545
	10/26/2016	1.88	1.35	2.57	0.104	0.00511	0.107
	4/20/2017	0.981	1.36	1.45	0.0858	<0.005	0.0719
	10/9/2017	0.21	0.48	1.3	0.074	0.00079 J	0.062
	2/16/2018	0.0023	0.031	0.94	0.051	0.0012	0.047
	10/26/2018	<0.0003	0.0031	0.15	0.011	<0.0002	0.029
	5/30/2019	0.0011	0.0013	0.16	0.011	<0.0002	0.039

APPENDIX G-4
 Groundwater Analytical Summary
 TCEQ SWR No. 84495
 Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
IW-3	9/23/2008	4.77	2.09	3.63	0.031	0.00287	0.0786
	2/19/2009	0.428	0.159	4.97	0.044	0.0103	0.0345
	5/21/2009	0.0132	0.0054	6.88	0.0189	0.0147	0.0649
	11/5/2009	0.126	0.107	2.61	0.081	0.0039	0.159
	3/16/2010	0.0126	0.0036	0.243	0.0192	0.0022	1.2
	6/16/2010	<0.00022	<0.00037	0.0505	0.0329	<0.00036	1.25
	11/16/2010	0.0162	0.019	1.57	0.0802	0.0036	0.776
	4/6/2011	0.0272	0.0365	0.573	0.0236	0.00075	0.342
	8/15/2011	0.08	0.151	2.26	0.0376	0.0018	0.867
	12/19/2011	0.0282	0.0108	6.55	0.0566	0.0045	2.1
	6/13/2012	0.0049	0.0352	12.2	0.262	0.0124	1.23
	12/19/2012	0.0484	0.00511	0.107	7.41	0.00843	1.05
	7/15/2013	0.0189	0.0349	0.76	0.0636	0.000888	0.109
	7/9/2014	0.0532	0.0526	0.0613	0.376	0.000604	0.171
	12/8/2015	0.549	5.06	13.8	0.144	0.0204	0.786
	10/26/2016	0.125	0.596	12.5	0.077	0.0149	0.273
	4/20/2017	0.963	4.92	4.8	0.104	<0.00625	0.311
	10/9/2017	0.072	3.4	5.3	0.18	<0.002	0.6
	2/16/2018	<0.0003	0.18	4.7	0.17	<0.002	0.47
	10/26/2018	<0.0003	0.16	3.6	0.094	<0.002	0.65
5/30/2019	<0.0003	0.1	1.2	0.07	<0.0002	0.17	
12/30/2019	<0.0003	0.0026	0.83	0.015	<0.0002	0.71	

APPENDIX G-4
Groundwater Analytical Summary
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Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
SW-2	7/24/2007	0.00053	0.0006	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	0.00109	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/23/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/21/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.0154	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	0.00471	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	0.00258	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	0.0331	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	0.00619	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	0.000273 J	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	0.00116	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

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Groundwater Analytical Summary
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Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
RW-1	6/14/1996	10.2	0.092	NA	NA	<0.005	<0.002
	10/25/1996	64	NA	NA	NA	NA	NA
	10/3/2000	54	8.2	169	0.39	0.006	0.3
	12/5/2000	43	0.59	1.21	<0.05	<0.05	<0.1
	3/16/2001	36	5.6	6.7	0.068	0.008	0.1
	3/14/2002	26	1.6	10	0.041	0.006	0.045
	2/15/2005	11	1.48	NA	NA	<0.00031	0.0461
	7/24/2007	42.3	3.08	13	0.0838	0.00641	0.0764
	10/23/2007	32.2	1.31	6.41	0.0223	<0.00034	0.0198
	2/28/2008	0.0717	0.0219	30.2	0.0765	0.0357	0.141
	5/21/2008	12.6	1.98	20.4	0.014	0.0133	0.233
	9/23/2008	0.812	0.872	7.57	0.0351	0.00218	0.0763
	2/19/2009	0.153	0.048	9.71	0.0595	0.00156	0.188
	5/20/2009	0.948	0.679	4.48	0.0152	0.0022	0.055
	11/5/2009	22.1	3.55	15.7	0.0712	0.0059	0.355
	3/16/2010	24	5.16	22.4	0.116	0.0146	0.916
	6/14/2010	25	7.18	28.1	0.28	0.018	0.603
	11/16/2010	12.2	3.89	9.35	0.07	0.018	0.148
	4/6/2011	33.6	5.51	17.8	0.104	0.036	0.326
	8/15/2011	61.8	6.69	17.3	0.092	0.036	0.116
	12/19/2011	70.2	5.06	16.9	0.096	0.05	0.434
	6/13/2012	76.4	6.36	16.6	0.343	0.012	0.338
	12/18/2012	39.6	3.07	0.12	10.4	0.00899	7.706
	7/15/2013	70.5	4.08	11.2	0.117	0.0111	0.142
	7/9/2014	112	5.68	0.2	15.8	0.015	0.259
	12/8/2015	62.8	4.77	10.4	0.0962 J	<0.05	0.446
	10/26/2016	37.2	2.57	8	0.0961	0.00749	0.114
	10/26/2016	37	2.57	8.21	0.0849	0.00795	0.107
	4/20/2017	44.7	3.64	7.43	<0.046	<0.05	0.166 J
	4/20/2017	44.3	3.64	6.35	0.044	0.00514 J	0.143
	10/9/2017	12	0.68	0.58	<0.002	<0.002	0.018
	10/9/2017	11	0.68	0.65	<0.002	<0.002	0.022
	2/16/2018	14	2.6	3.3	<0.004	<0.004	0.027
	10/26/2018	19	6.2	7.5	0.038	0.028	0.34
	10/26/2018	18	6.2	7.2	0.037	0.025 J	0.32
	5/30/2019	8.3	2	5 J	0.025	0.016	0.1
	5/30/2019	8.5	2	2.9 J	0.025	0.016	0.1
	12/30/2019	4.5 J	4.8	5.6	0.042	<0.005	0.2
	12/30/2019	22.0 J	4.8 **	5.6	0.038 J	<0.01	0.16

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Groundwater Analytical Summary
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Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
RW-2	6/14/1996	64	0.7	NA	NA	0.004	0.036
	7/24/2007	21.6	10.2	21.7	0.168	0.0113	0.348
	10/23/2007	27	7.81	17.8	0.0849	0.01	6.41
	2/28/2008	13.1	3.52	12.7	0.0685	0.00666	0.0909
	5/21/2008	7.32	5.05	37.8	0.0287	0.0271	1.07
	9/23/2008	15.1	3.24	15.1	0.113	0.00813	0.428
	2/19/2009	0.568	0.666	3.63	0.0363	0.00076	0.134
	5/20/2009	2.69	1.16	6.02	0.0592	0.0011	0.0491
	11/5/2009	19.4	4.61	6.62	0.0408	0.0057	0.068
	3/16/2010	6.42	2.88	9.74	0.051	0.0081	0.308
	6/14/2010	7.12	4.1	16.7	0.0872	0.0066	0.189
	11/16/2010	4.23	3.78	9.77	0.075	0.018	0.199
	4/6/2011	8.52	2.56	8.03	0.049	0.036	0.254
	8/15/2011	24	7.53	12.1	0.0554	0.0134	0.372
	12/19/2011	36.9	2.98	9.89	0.0486	0.01	0.28
	6/13/2012	36	7.15	10.8	0.112	0.018	0.637
	12/18/2012	26.6	2.2	0.0463	4.87	0.00581	0.0948
	7/15/2013	29.5	4.28	8.24	0.0946	0.0107	0.214
	7/9/2014	58.4	5.96	0.147	12.8	0.0188	0.685
	12/8/2015	29.9	6.59	9.64	0.0756	<0.05	0.252
	10/26/2016	12.4	1.78	4.16	0.0429	0.00833	0.195
	4/20/2017	35.1	3.9	7.56	0.0502 J	<0.025	0.276
	10/9/2017	2.7	0.24	0.28	0.0021	<0.0002	0.0063
	2/16/2018	8	0.7	1.3	<0.004	<0.004	0.021
	10/26/2018	18	1.1	1.5	0.016 J	<0.005	0.029
	5/30/2019	12	1.5	5 J	0.025	0.0069	0.055
	12/30/2019	39	2.9	2.9	0.044	<0.002	0.11

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
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Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-1	6/28/1996	38	0.1	NA	NA	<0.1	<0.05
	11/17/1998	20	<1	NA	NA	<0.005	0.05
	12/17/1998	7.2	1.3	NA	NA	<0.005	<0.01
	1/18/1999	NA	NA	NA	NA	NA	NA
	2/17/1999	6	0.4	NA	NA	<0.005	0.01
	10/2/2000	12	0.8	3.2	0.02	<0.005	0.04
	10/3/2000	NA	NA	NA	NA	NA	NA
	12/5/2000	1.2	<0.005	<0.005	<0.005	<0.005	<0.01
	1/23/2001	4.5	0.019	0.049	<0.005	<0.005	<0.01
	3/16/2001	7.7	0.046	0.134	<0.005	<0.005	<0.01
	3/14/2002	2.9	0.029	0.059	<0.00062	<0.00051	0.002
	2/15/2005	4.29	0.0548	NA	NA	<0.00031	0
	7/24/2007	8.59	0.0226	0.0841	0.00092	0.00079	0.00354
	10/23/2007	0.64	0.00877	0.0144	<0.00047	<0.00034	<0.00029
	2/28/2008	0.0346	0.0123	8.22	0.0137	0.0104	0.0179
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	1.21
	9/23/2008	<0.00023	<0.00023	0.00275	0.00412	<0.00034	0.652
	2/19/2009	0.00212	0.00286	0.00209	0.00159	<0.00034	0.0939
	5/21/2009	0.00064	0.00075	2.02	0.00999	0.00236	0.481
	11/5/2009	0.0119	0.00882	1.07	0.00508	0.00159	0.23
	3/16/2010	<0.00032	<0.00026	0.00184	0.00184	<0.00022	0.00056
	6/16/2010	<0.00022	<0.00038	0.00259	0.00077	<0.00036	0.00987
	11/16/2010	<0.00022	<0.00037	0.00591	<0.00036	<0.00036	0.0196
	4/6/2011	<0.00022	<0.00037	0.00092	<0.00036	<0.00036	0.00176
	8/15/2011	<0.00022	0.0007	0.011	<0.00036	<0.00036	0.0949
	12/19/2011	<0.0005	0.00815	0.0229	0.00057	<0.0005	0.0493
	6/13/2012	<0.0005	<0.00082	0.00101	<0.0005	<0.0005	<0.0005
	12/18/2012	0.00228	0.00133	0.000417	0.00403	0.00025	0.00815
	7/15/2013	0.00162	0.000796	0.00249	0.000618	<0.00025	0.0227
	7/9/2014	0.00069	<0.0002	0.000275	0.00113	<0.00025	0.00266
	12/8/2015	0.00104	0.00655	0.013	<0.00023	<0.00025	0.0202
	10/26/2016	0.00118	0.00228	0.0267	<0.00023	0.00029 J	0.0219
	4/20/2017	0.00153	0.000519 J	0.0177	<0.00023	0.000479 J	0.0363
	10/9/2017	0.0023	0.0022	0.087	<0.0002	0.0022	0.11
	2/16/2018	0.0018	0.001	0.027	<0.0002	0.00088 J	0.044
	10/26/2018	0.002	<0.0002	0.00076 J	<0.0002	<0.0002	<0.0002
	5/30/2019	0.0011	0.0036	0.019	<0.0002	0.00093 J	0.016
	12/30/2019		0.0076	0.039	0.7	0.0033	0.027

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Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-2	4/20/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
	1/23/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
	3/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
	3/14/2002	0.027	<0.00071	<0.00056	<0.00062	<0.00051	<0.00075
	8/29/2002	<0.001	<0.0007	<0.0006	<0.0006	<0.0005	<0.0008
	2/15/2005	23	0.67	NA	NA	NA	0.0982
	4/21/2005	15.2	0.464	1.07	0.0088	0.0048	0.13
	10/23/2007	0.0344	0.00279	0.00581	<0.00047	<0.00034	0.0008
	2/27/2008	0.00837	0.00078	0.003	<0.00047	<0.00034	<0.00029
	5/20/2008	0.122	0.0119	0.0398	0.00048	<0.00034	0.00635
	9/22/2008	0.232	0.0252	0.0633	0.00055	<0.00034	0.00952
	2/19/2009	0.00946	0.00131	0.00145	<0.00047	<0.00034	<0.00029
	5/20/2009	0.00255	0.0004	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	0.00893	0.00082	0.00155	<0.00033	<0.00022	0.00026
	3/15/2010	0.089	0.00634	0.0139	<0.00033	<0.00022	0.00205
	6/14/2010	0.00234	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/16/2010	0.00206	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	0.002	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	0.00279	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	0.00281	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00222	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/18/2012	0.00362	0.000385	<0.00023	0.00021	<0.00025	<0.00018
	7/15/2013	0.00495	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	0.00407	0.000458	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	0.00387	0.000365 J	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	0.000529 J	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	0.000835 J	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	0.0023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	0.0014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	0.0033	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	0.0022	0.0012	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	0.0012	0.0012	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	0.0016	0.0045	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	0.0019 JH	0.0011 JH	0.017 JL	0.00076 JH	< 0.00020 U	0.00049 JH

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-7	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	0.000997 J
	10/26/2016	<0.00014	<0.0002	0.00025 J	0.000307 J	<0.00025	0.000872 J
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	0.000692 J
	10/9/2017	<0.0003	<0.0002	0.001	<0.0002	<0.0002	0.00084 J
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	0.00046 J
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	0.001	<0.0002	0.00072 J

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-8S	7/24/2007	5.38	1.57	3.15	0.0166	0.00624	0.0616
	10/23/2007	4.32	2.84	4.48	0.0254	0.0102	0.0745
	2/27/2008	3.74	2.72	4.91	0.0338	0.011	0.0835
	9/23/2008	3.49	3.84	5.95	0.115	0.0132	0.112
	2/19/2009	0.79	1.65	7.96	0.104	0.00945	0.0826
	5/21/2009	5.39	3.23	4.13	0.0654	0.0089	0.071
	11/5/2009	1.94	3.82	7.03	0.105	0.0087	0.078
	3/16/2010	1.15	0.972	11.6	0.095	0.0179	0.142
	6/14/2010	1.6	1.54	11.4	0.126	0.0138	0.19
	11/16/2010	1.93	1.32	8.04	0.139	0.018	0.116
	4/6/2011	4.74	1.4	9.13	0.152	0.036	0.107
	8/15/2011	18.4	2.46	4.36	0.0648	0.009	0.164
	12/19/2011	20.8	2.53	4.78	0.072	0.0125	0.224
	6/13/2012	5.4	3.41	5.11	0.19	0.01	0.0926
	12/19/2012	0.727	0.25	0.145	7.41	0.0107	0.0539
	7/15/2013	0.452	1.18	2.59	0.13	0.00379	0.111
	7/8/2014	0.0317	0.348	0.153	2.55	0.0025	0.0568
	12/8/2015	0.0932	0.668	3.55	0.136	0.00332 J	0.712
	10/26/2016	0.0624	0.218	2.59	0.137	0.00332	0.432
	10/26/2016	0.0552	0.218	2.1	0.134	0.00353	0.343
	4/20/2017	0.261	0.217	7.56	0.118	0.0092 J	0.573
	4/20/2017	0.372	0.217	7.67	0.123	0.00818 J	0.601
	10/9/2017	0.081 J	0.680 J	3.1	0.59	0.014	0.36
	10/9/2017	0.110 J	0.680 J	3.4	0.59	0.012	0.36
	2/16/2018	0.032	0.75	3	0.12	0.0045 J	0.35
	2/16/2018	0.04	0.75	2.9	0.12	0.0045 J	0.37
	10/26/2018	0.03	1.4	5.3	0.094	0.0072 J	0.28
	10/26/2018	0.034	1.4	5.5	0.092	0.0071 J	0.28
	5/30/2019	<0.0003	0.110 J	1 J	0.068 J	0.00087 J	0.17
	5/30/2019	<0.0003	0.110 J	0.610 J	0.030 J	<0.0002	0.22
	12/30/2019	<0.0015	0.032	2.3	0.083	<0.001	0.31
	12/30/2019	<0.0015	0.032	2.2	0.085	<0.001	0.29
	12/8/2020	<0.0015	0.0013 J	1.1	0.029	<0.001	0.15
	12/8/2020	<0.0003	0.002	0.84	0.027	0.0015	0.14
	1/21/2022	<0.0003	0.0027	0.19	0.0062	<0.0002	0.063
	11/15/2023	< 0.00030 U	0.0029 JH	0.12 JL	0.0038 JH	< 0.00020 U	0.033 JH

APPENDIX G-4
 Groundwater Analytical Summary
 TCEQ SWR No. 84495
 Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-8D	7/24/2007	6.96	0.865	1.25	0.00528	0.00061	0.00612
	10/23/2007	23.7	1.59	1.68	0.0073	0.00123	0.00502
	2/27/2008	3.67	0.508	1.07	0.00315	0.00066	0.00465
	9/22/2008	21.4	1.68	1.51	0.00856	0.00136	0.00542
	2/19/2009	2.54	0.422	0.926	0.0127	<0.00034	0.0031
	5/20/2009	7.1	2.53	1.15	0.00582	0.00126	0.0113
	11/4/2009	2.48	0.346	0.835	0.00325	0.0011	0.0011
	3/15/2010	3.39	2.15	12.5	0.197	0.015	0.412
	6/14/2010	19.7	1.23	2.72	0.0445	0.0046	0.262
	11/15/2010	14.6	2.93	7.25	0.0478	0.0078	0.424
	4/6/2011	14.5	2.26	5.07	0.046	0.018	0.296
	8/15/2011	0.594	0.0993	0.272	0.00144	<0.00036	<0.00036
	12/19/2011	8.84	1.99	2.96	0.0357	0.00502	0.255
	6/13/2012	9.45	1.37	1.78	0.0392	0.00455	0.125
	12/19/2012	2.13	0.778	0.0107	1.19	0.00323	0.0391
	7/15/2013	0.0478	0.00414	0.0948	0.0115	<0.00025	0.565
	7/8/2014	0.000253	<0.0002	0.00521	0.00245	<0.00025	0.00713
	12/8/2015	<0.00014	0.00668	1.39	0.0264	0.00177	1.03
	10/26/2016	0.000226 J	0.248	8.48	0.0818	0.0138	0.578
	4/20/2017	<0.007	<0.01	17.5	0.164	0.030 J	2.02
	10/9/2017	0.00082 J	0.0049	0.099	0.0013	<0.0002	0.056
	2/16/2018	<0.0003	0.0026	0.077	0.0019	<0.0002	0.073
	10/26/2018	0.011	0.0055	0.36	0.0019	0.00056 J	0.0038
	5/30/2019	0.011	0.019	2.9	0.094	0.0035	2.1
	12/30/2019	0.012	0.0074	0.47	0.0026	<0.0002	0.024
	12/8/2020	0.0059	0.018	1.5	0.048	0.0034	1.1
	1/21/2022	0.016	0.0072	0.20	0.0012	<0.0002	0.0010
	11/15/2023*FD	0.017 JH	0.018 JH	0.20 JL	0.0017 JH	< 0.00020 U	0.0019 JH
	11/15/2023	0.017 JH	0.017 JH	0.19 JL	0.0018 JH	< 0.00020 U	0.0019 JH

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-9S	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	0.00086	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	< 0.00030 U	< 0.00030 U	0.0041 JL	< 0.00020 U	< 0.00020 U	0.00063 JH

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-9D	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	0.00079	0.00111	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	0.00275	0.00312	0.00082	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	0.00104	0.00086	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	0.00061	0.00062	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	0.00049	0.00057	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	0.0008	0.00086	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00063	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	0.000434	0.000583	<0.00023	0.000254	<0.00025	<0.00018
	7/15/2013	0.000933	0.000663	<0.00021	<0.00023	<0.00025	<0.00018
	12/8/2015	0.000346 J	0.000736 J	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	0.000306 J	0.000205 J	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	0.0039	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	0.0027	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	0.0020 JH	0.0028 JH	0.012 JL	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-10S	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00029
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00037	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.000276	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/9/2014	0.00349	0.000478	0.00023	0.000798	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	0.00053 J	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	0.000384 J	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	0.000348 J	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	0.0021	0.0051	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	0.0033	0.02	0.0013	<0.0002	0.00082 JL
	1/21/2022	NS	NS	NS	NS	NS	NS
	11/15/2023	< 0.00030 U	< 0.00030 U	0.0037 JL	< 0.00020 U	< 0.00020 U	0.0018 JH

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-10D	7/24/2007	0.0201	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	0.0349	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	0.284	0.0013	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	0.851	0.00681	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	2.5	0.0135	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	1.46	0.00764	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	0.54	0.00532	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	0.485	0.00433	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	0.374	0.00347	0.00048	<0.00033	<0.00022	<0.00022
	6/14/2010	0.456	0.00532	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	0.941	0.0182	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	1.55	0.0176	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	0.401	0.0084	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	0.13	0.00781	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.0733	0.00389	0.00106	<0.0005	<0.0005	<0.0005
	12/19/2012	0.0078	0.00076	0.0003	0.118	<0.00025	0.00018
	7/15/2013	<0.00014	<0.0002	0.00781	<0.00023	<0.00025	0.0153
	7/9/2014	0.000303	0.0002	0.00103	0.0129	<0.00025	0.356
	12/8/2015	<0.00014	0.00209	0.00298	0.00203	<0.00025	0.298
	10/26/2016	<0.0007	0.0308	0.479	0.0189	0.00167 J	0.522
	4/20/2017	0.036	0.298	1.11	0.00569	0.00267 J	0.511
	10/9/2017	<0.0003	<0.0002	0.00076 J	0.083 J	<0.0002	0.00051 J
	2/16/2018	<0.0003	<0.0002	0.36	0.0053	<0.0002	0.43
	2/16/2018	<0.0003	<0.0002	0.45	0.0063	<0.0002	0.57
	10/26/2018	<0.0003	0.15	0.77	0.01	0.0028	0.44
	5/30/2019	<0.0003	0.001	0.14	0.0024	<0.0002	0.097
	12/30/2019	<0.0003	<0.0002	0.17	0.0064	<0.0002	0.23
	1/21/2022	NS	NS	NS	NS	NS	NS
	11/15/2023	0.0023 JH	0.0081 JH	0.34 JI*	0.010 JH	< 0.00020 U	0.014 JH8*

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-11	7/24/2007	<0.00032	0.00126	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00034	0.00061	0.00063	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-12S	7/24/2007	<0.00032	0.00102	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-12D	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/15/2023	< 0.00030 U	< 0.00030 U	0.0020 JL	< 0.00020 U	< 0.00020 U	< 0.00020 U
MW-13	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	12/19/2012	<0.00025	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-14S	7/24/2007	0.00036	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00082	<0.0007	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	0.00676	0.000209	<0.00023	<0.00021	<0.00025	0.000215
	7/15/2013	0.000688	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	NS	NS	NS	NS	NS	NS
	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-14D	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	0.00147	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00793	<0.00065	<0.0005	<0.0005	<0.0005	<0.0005
	12/18/2012	0.017	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	0.00908	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	0.00554	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	0.00191	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/26/2016	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	0.000392 J	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	NS	NS	NS	NS	NS	NS
	11/16/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-15S	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00121	<0.00057	<0.0005	<0.0005	<0.0005	<0.0005
	12/18/2012	0.00147	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	0.000592	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	0.00159 J	<0.0002	<0.00023	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-V}		110	4.3	220	140	300	0.830
MW-15D	7/24/2007	<0.00032	<0.00051	<0.00054	<0.0002	<0.00027	<0.00026
	10/23/2007	<0.00023	<0.00023	0.00093	<0.00047	<0.00034	<0.00029
	2/27/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	9/22/2008	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	2/19/2009	<0.00023	<0.00023	<0.00039	<0.00047	<0.00034	<0.00029
	5/20/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/4/2009	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	3/15/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	6/14/2010	<0.00032	<0.00026	<0.00033	<0.00033	<0.00022	<0.00022
	11/15/2010	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	4/5/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	8/15/2011	<0.00022	<0.00037	<0.00038	<0.00036	<0.00036	<0.00036
	12/19/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6/13/2012	0.00401	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
	12/19/2012	0.00107	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	7/15/2013	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
MW-16S	12/2/2013	<0.00000014	<0.0000002	<0.00000023	<0.00000023	<0.00000025	<0.00000018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-16D	12/2/2013	<0.00000014	<0.0000002	<0.00000023	<0.00000021	<0.00000025	<0.00000018
	7/8/2014	<0.00014	<0.0002	<0.00023	<0.00021	<0.00025	<0.00018
	12/8/2015	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	4/20/2017	<0.00014	<0.0002	<0.00021	<0.00023	<0.00025	<0.00018
	10/9/2017	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2/16/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	10/26/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	5/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	12/30/2019	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	0.00080 J
	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

APPENDIX G-4
Groundwater Analytical Summary
TCEQ SWR No. 84495
Houston, Harris County, Texas

Well	Date	Tetrachloroethylene (mg/L)	Trichloroethylene (mg/L)	cis-1,2- Dichloroethylene (mg/L)	trans-1,2- Dichloroethylene (mg/L)	1,1- Dichloroethylene (mg/L)	Vinyl Chloride (mg/L)
		CAS 127-18-4	CAS 79-01-6	CAS 156-59-2	CAS 156-60-5	CAS 75-35-4	CAS 75-01-4
Tier 1 C/I ^{GW} GW _{Ing}		0.005	0.005	0.070	0.100	0.007	0.002
Tier 1 C/I ^{Air} GW _{Inh-v}		110	4.3	220	140	300	0.830
MW-17	12/8/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	1/21/2022	NS	NS	NS	NS	NS	NS
	11/15/2023	< 0.00030 U	< 0.00030 U	< 0.00020 UJ	< 0.00020 U	< 0.00020 U	< 0.00020 U

Notes:

< U - Not detected at or above the method detection limit, method detection limit included.

*- AAL exceedance

mg/L - milligrams per liter

Analytical methods: BTEX by EPA Method 8260, TPH by TX1005, and RCRA metals by EPA Method 6010.

FD - Indicates results are reported from analysis of a field duplicate.

J - Result is reported at an estimated concentration.

JH - Results is reported at an estimated concentration with a high bias.

JL - Results is reported at an estimated concentration with a low bias.

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

UJL - Chemical not detected at an estimated value with a low bias.

NS - Not Sampled

~-not applicable to screening criteria

AAL - attenuation action level

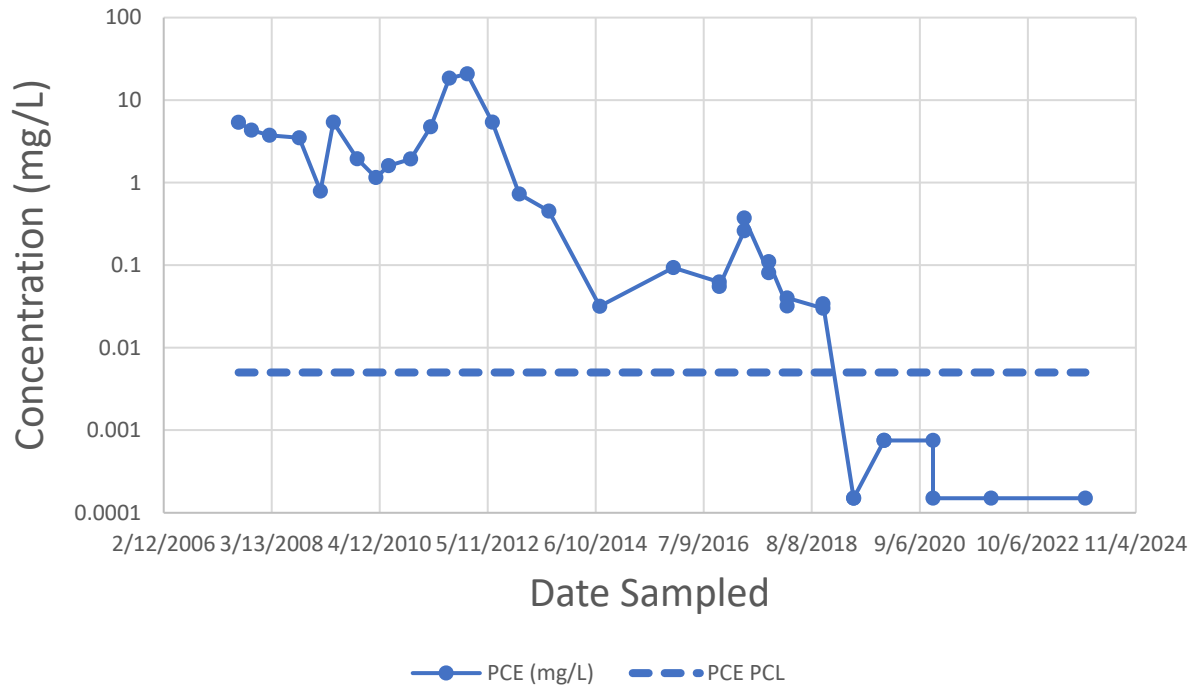
AALs are listed on Table 3

** - This is the most recent data for this well, it has not been sampled since 2019, the TCE concentrations have shown a general decline and are typically below this PCL for the last five years.

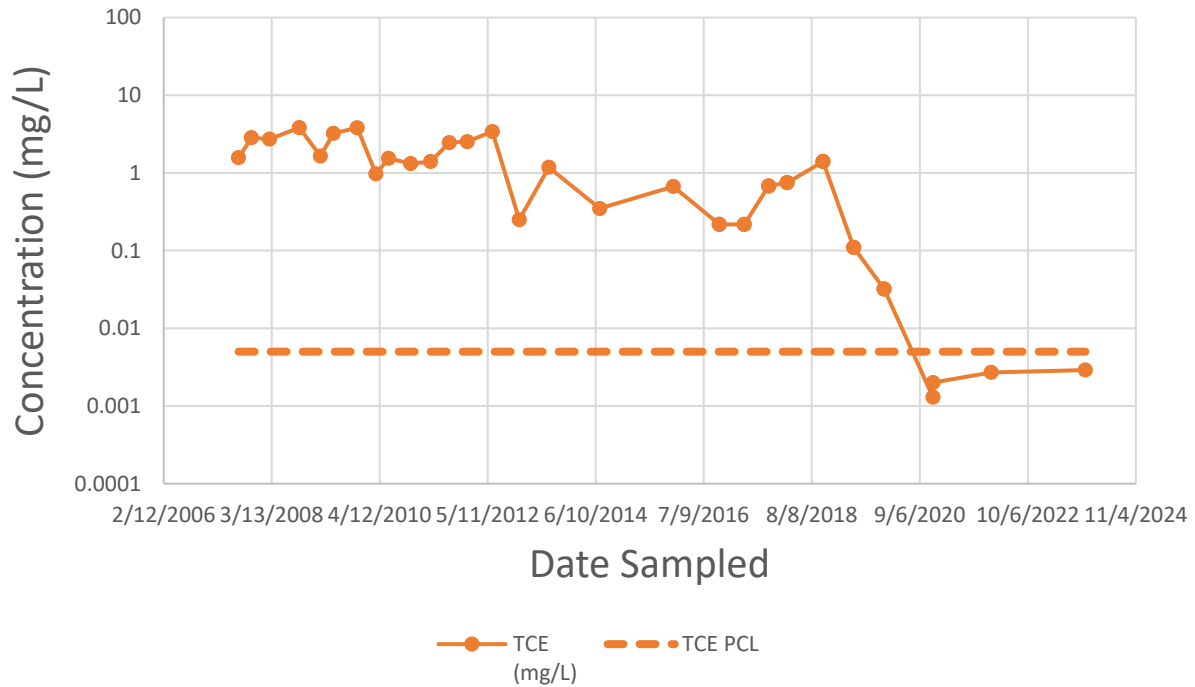
APPENDIX G-5

Groundwater Analytical Summary Graphs

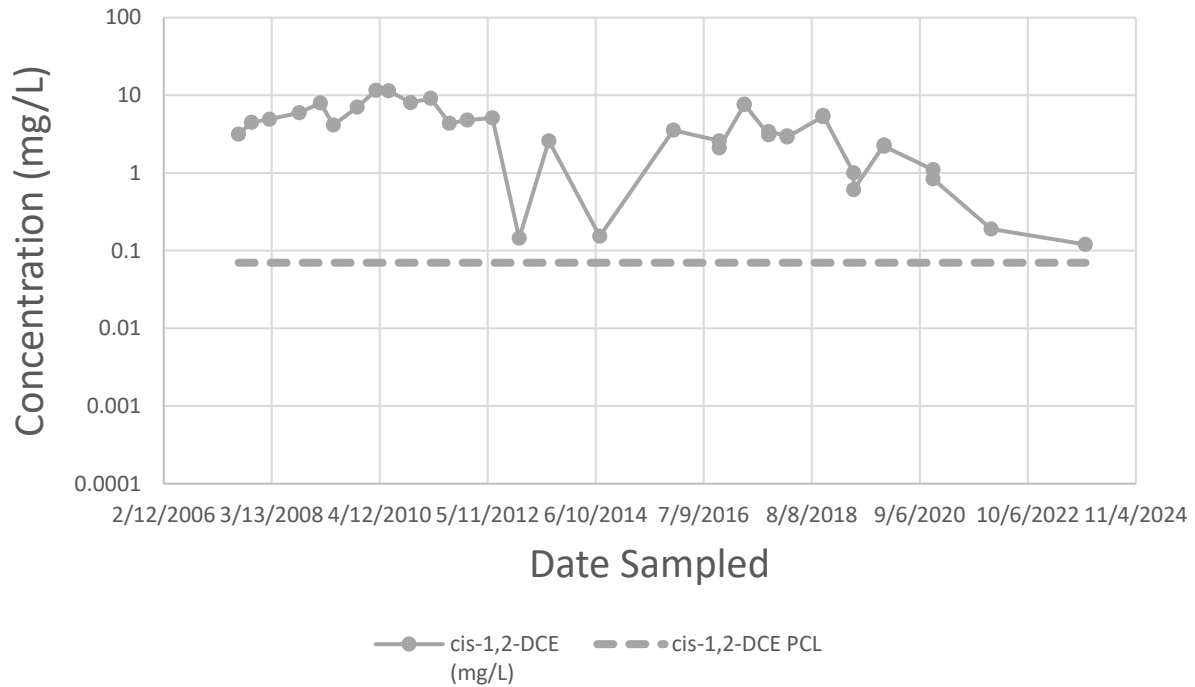
MW-8S Concentration Over Time (Tetrachloroethylene)



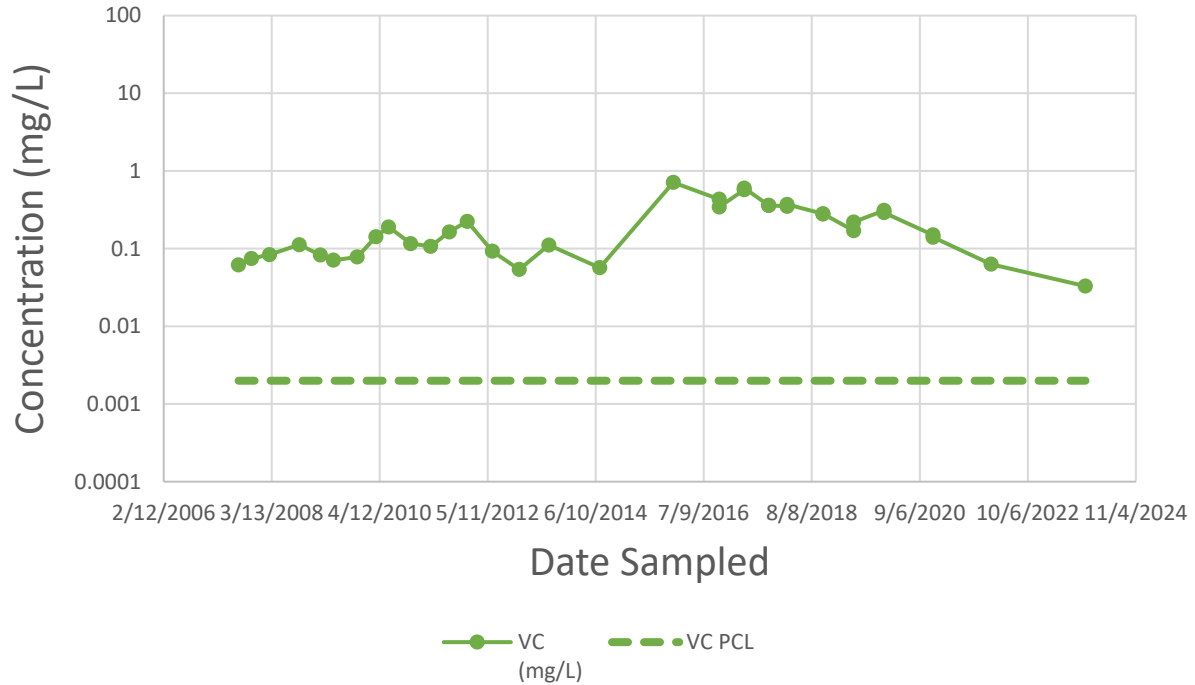
MW-8S Concentration Over Time (Trichloroethylene)



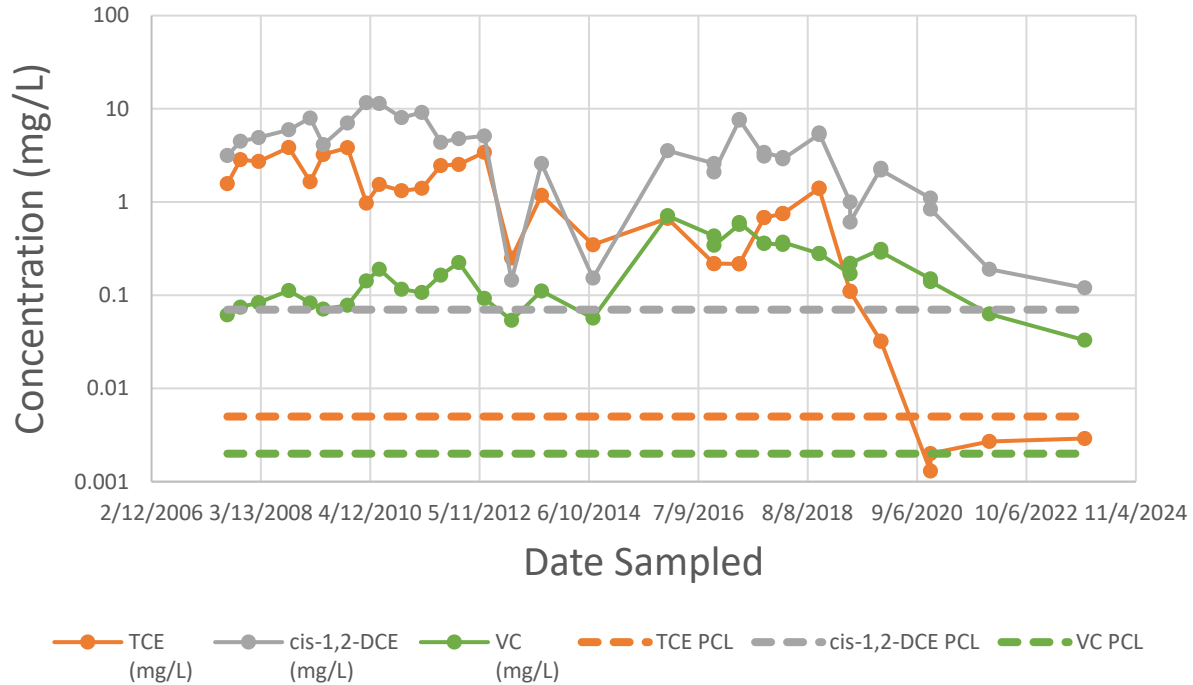
MW-8S Concentration Over Time (cis-1,2-Dichloroethylene)



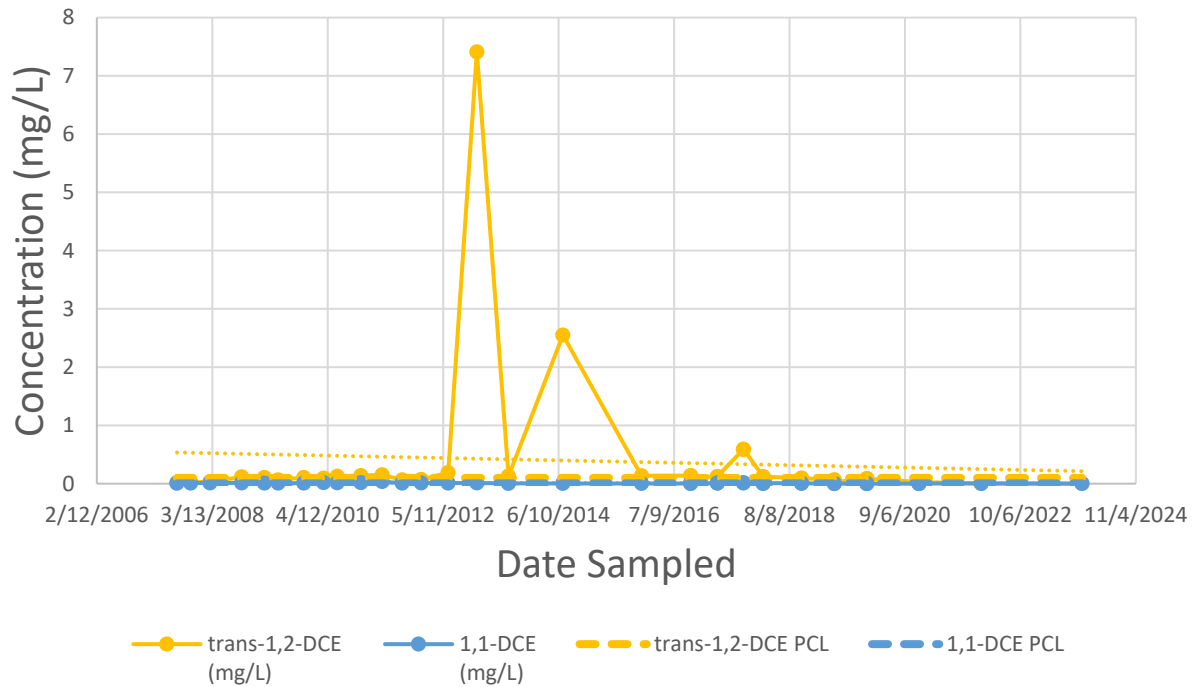
MW-8S Concentration Over Time (Vinyl Chloride)



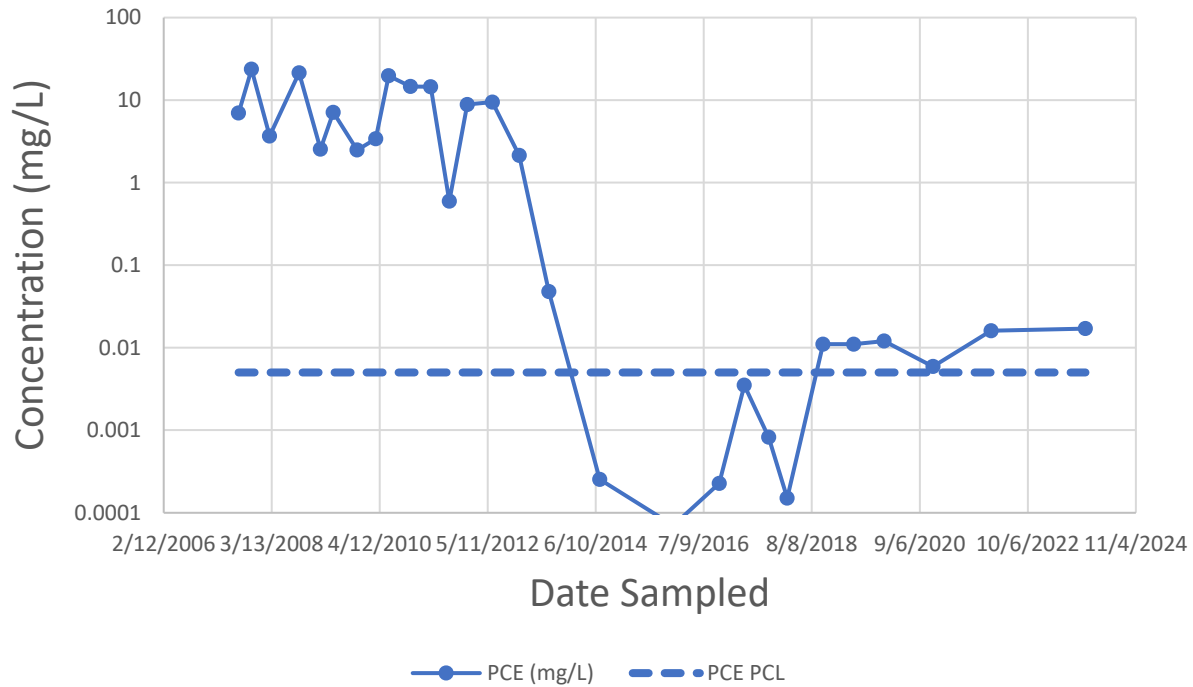
MW-8S Concentration Over Time (Main Daughter Products)



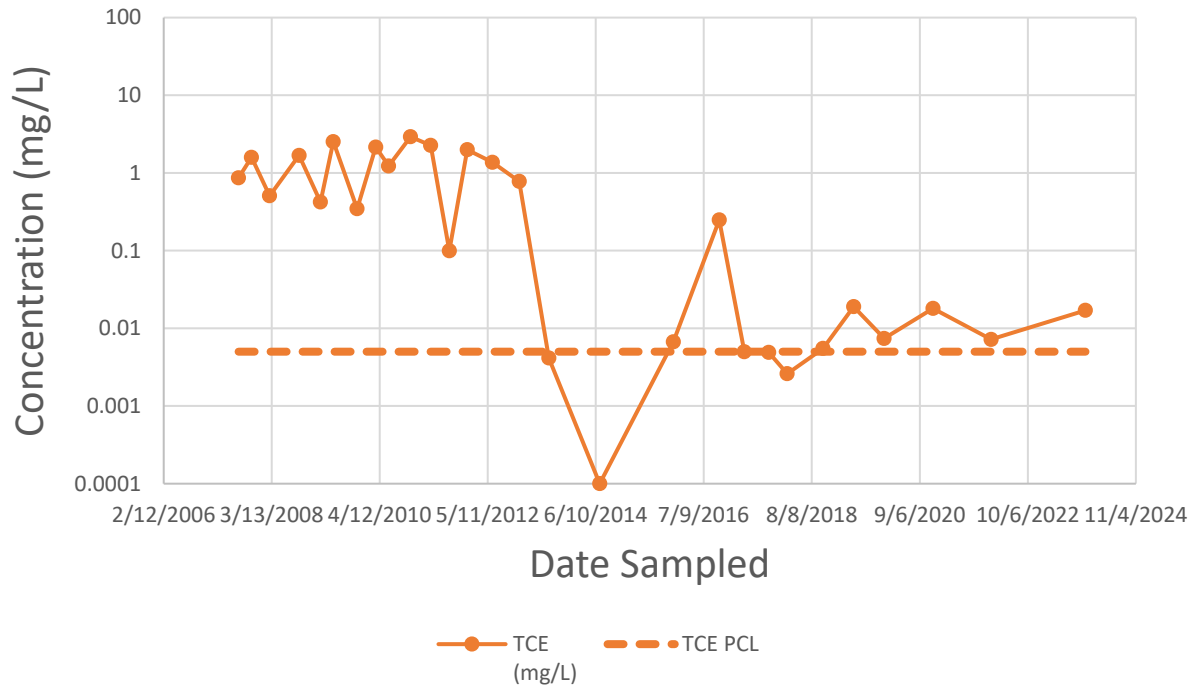
MW-8S Concentration Over Time (Other Daughter Products)



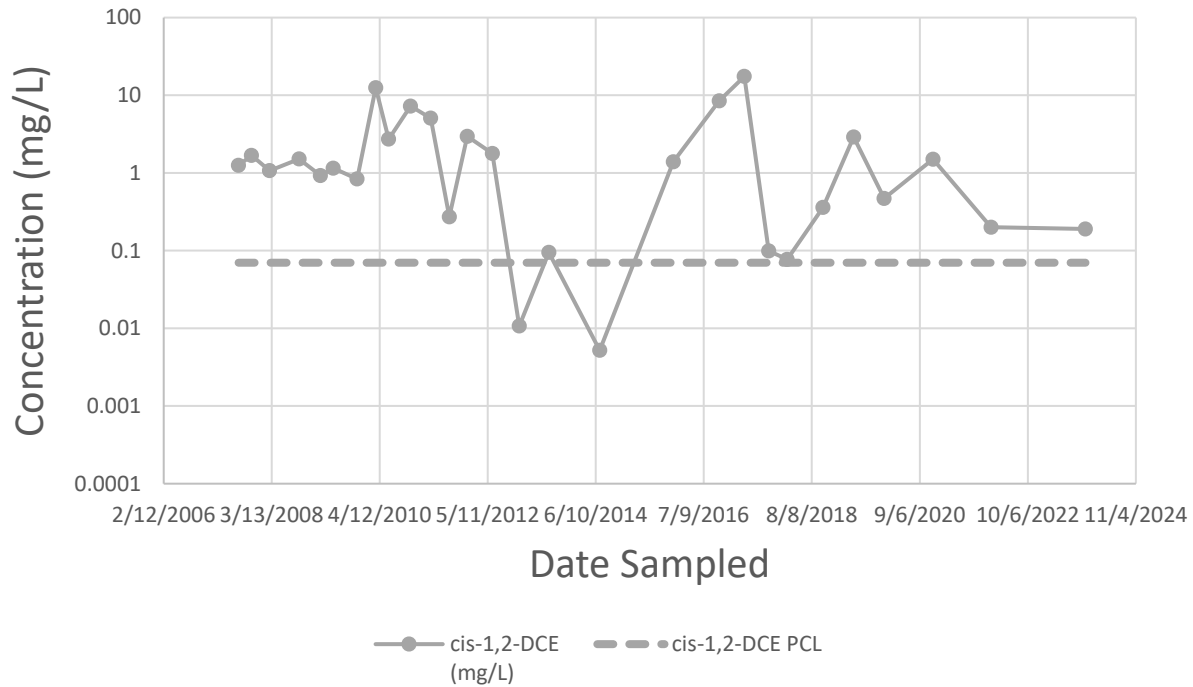
MW-8D Concentration Over Time (Tetrachloroethylene)



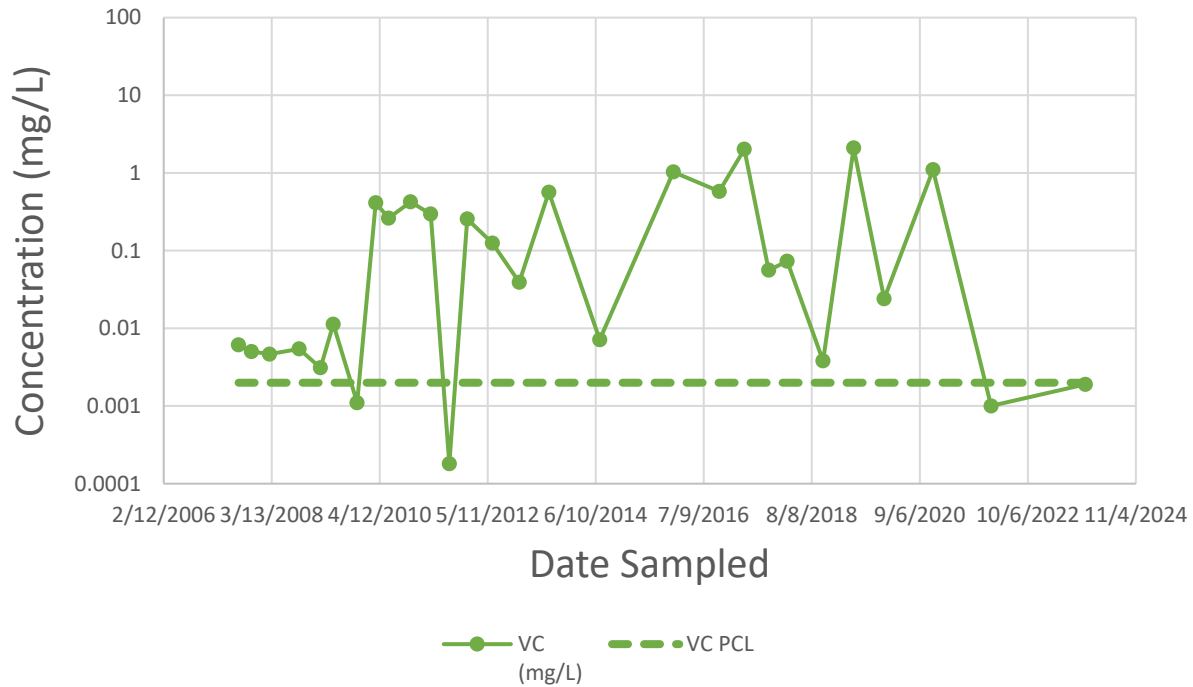
MW-8D Concentration Over Time (Trichloroethylene)



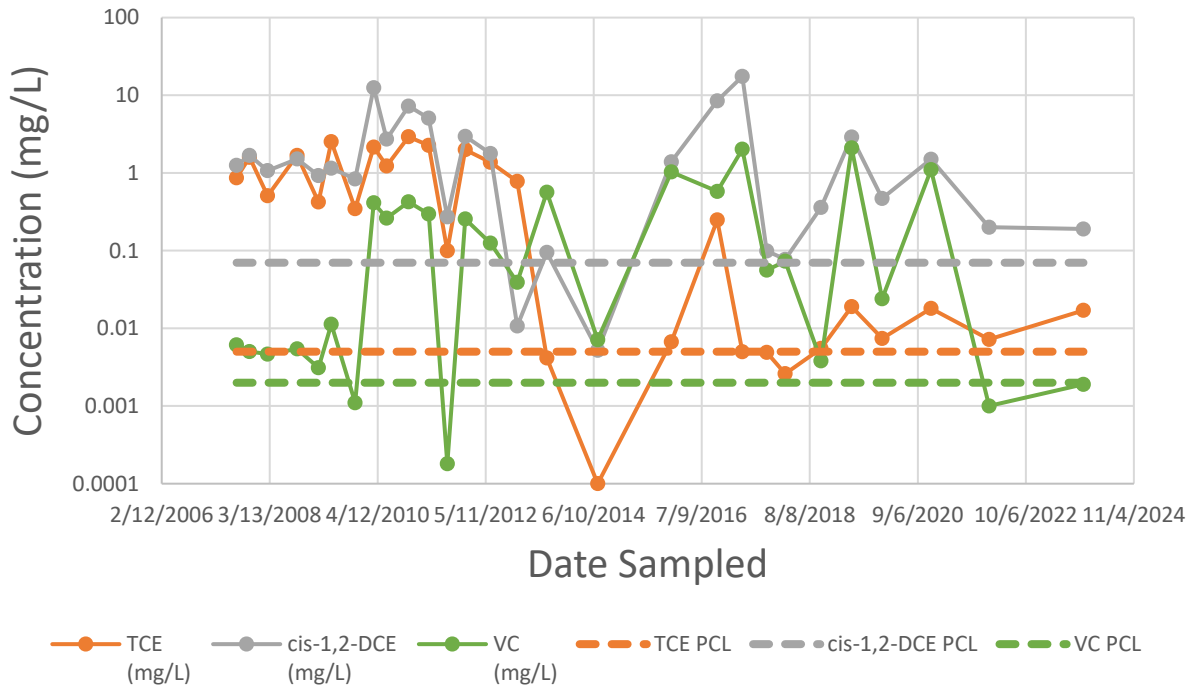
MW-8D Concentration Over Time (cis-1,2-Dichloroethylene)



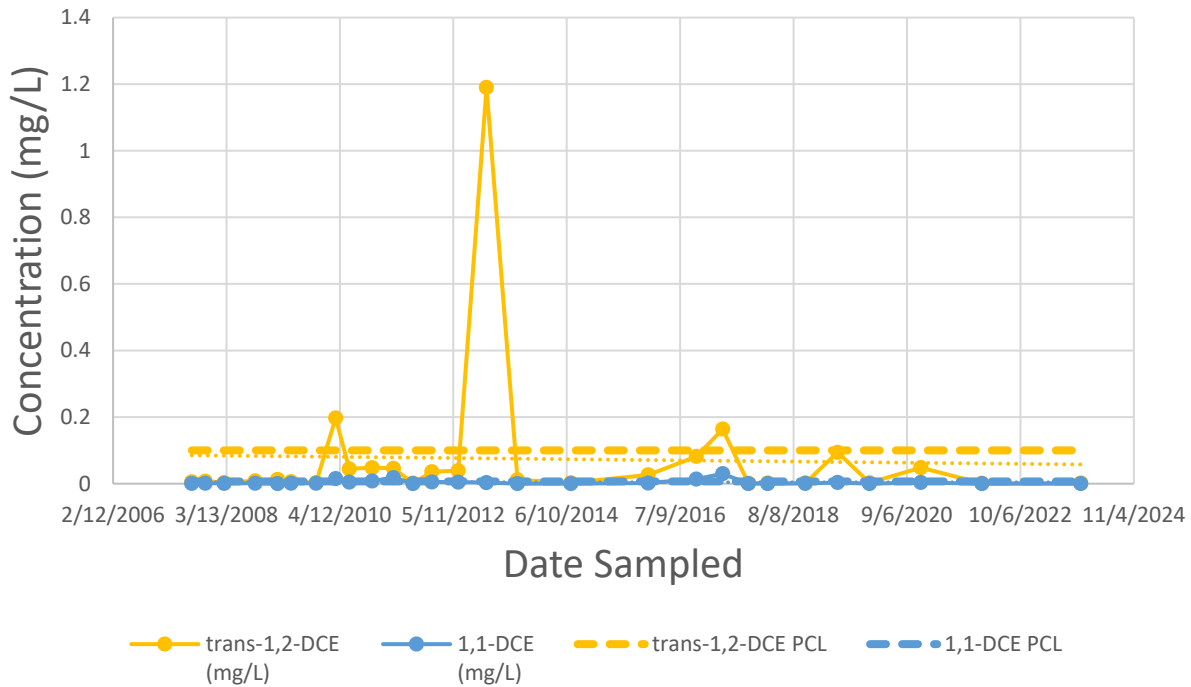
MW-8D Concentration Over Time (Vinyl Chloride)



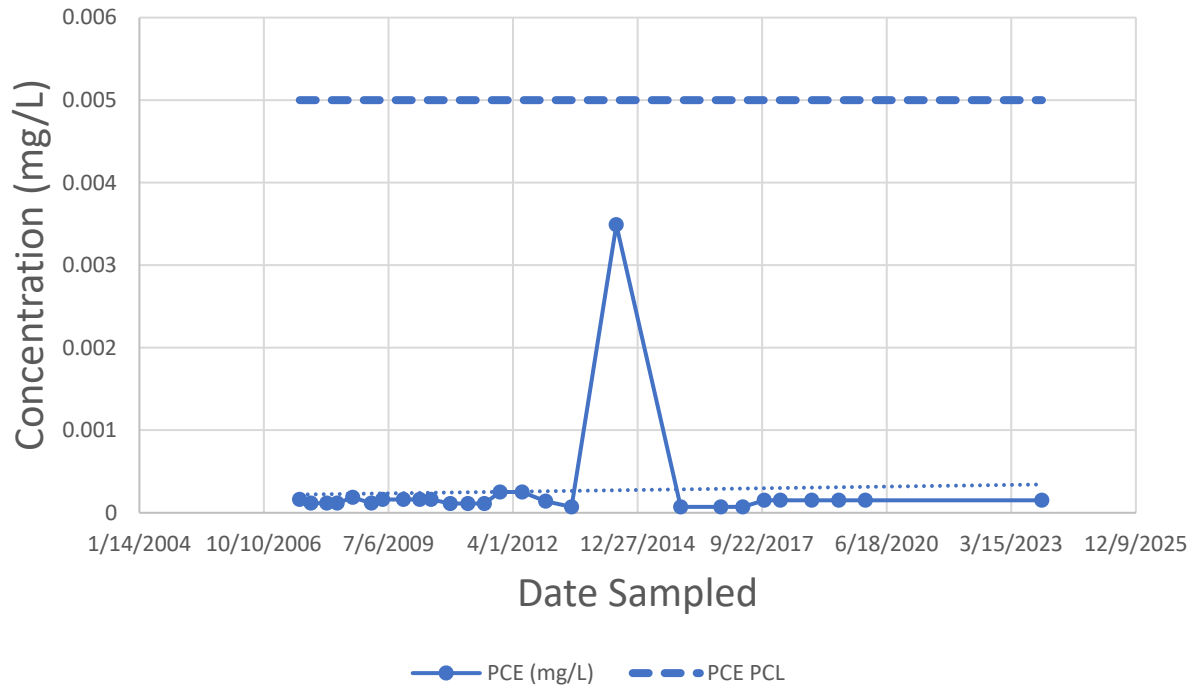
MW-8D Concentration Over Time (Main Daughter Products)



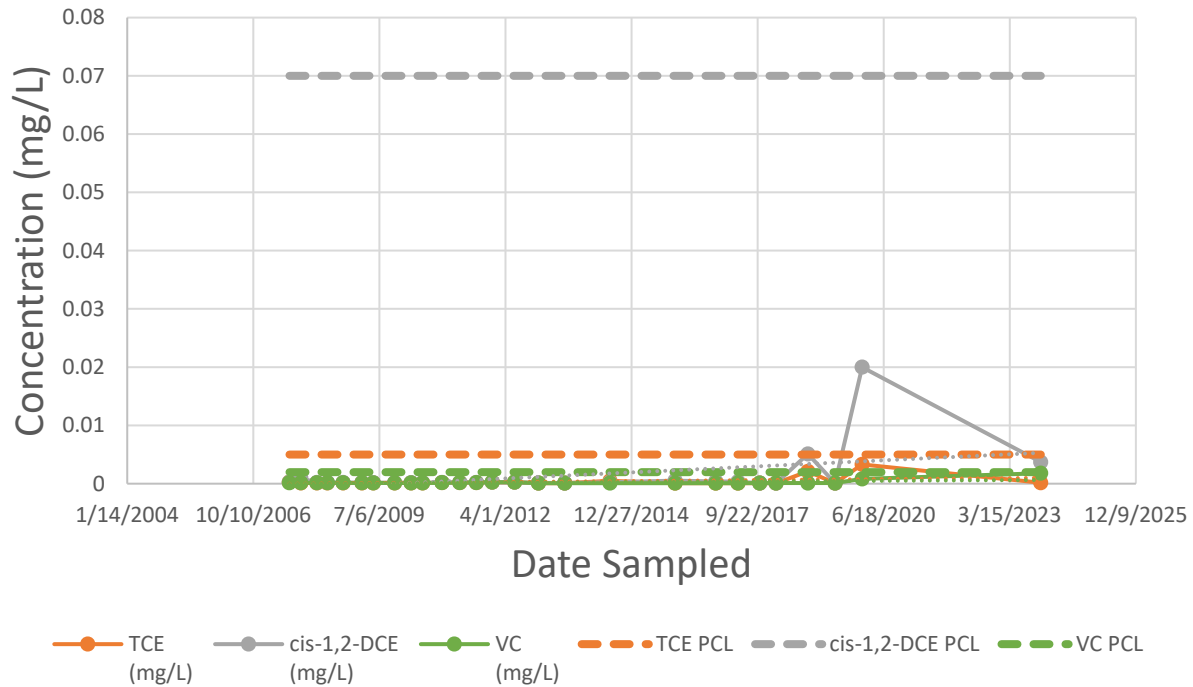
MW-8D Concentration Over Time (Other Daughter Products)

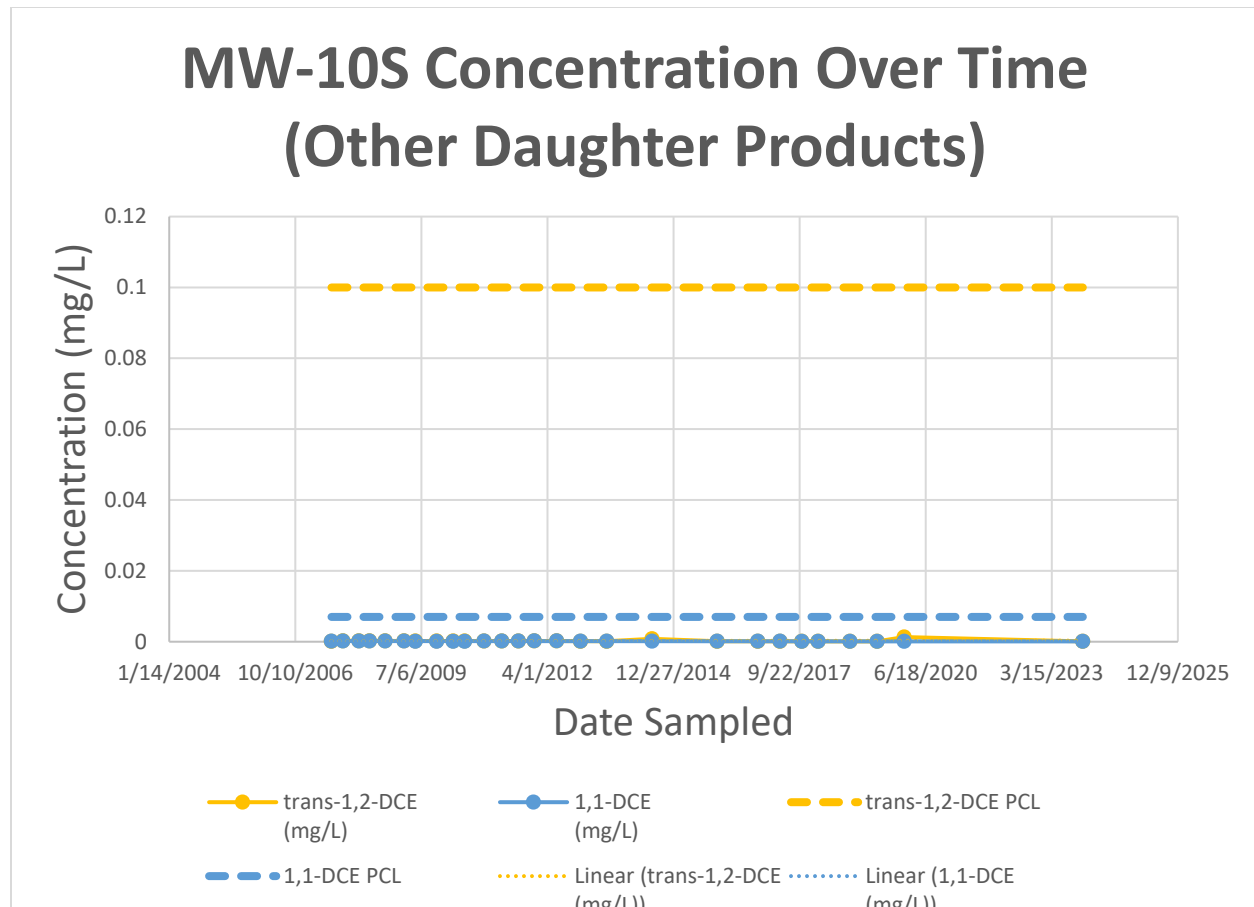


MW-10S Concentration Over Time (Tetrachloroethylene)

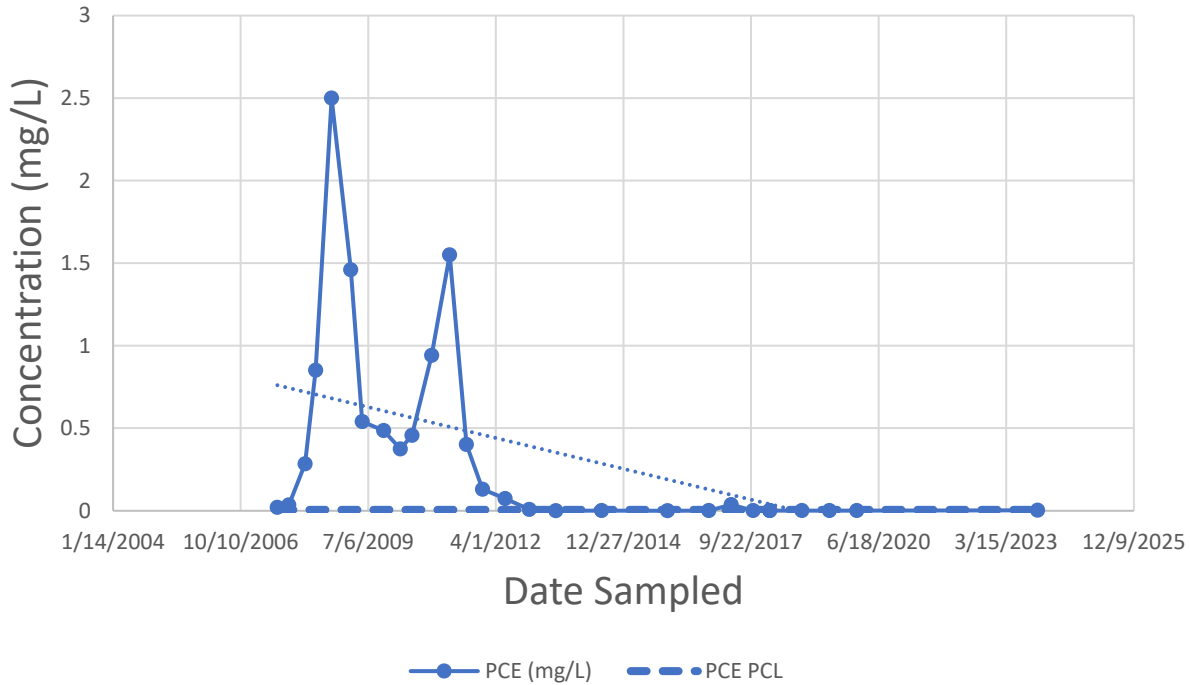


MW-10S Concentration Over Time (Main Daughter Products)

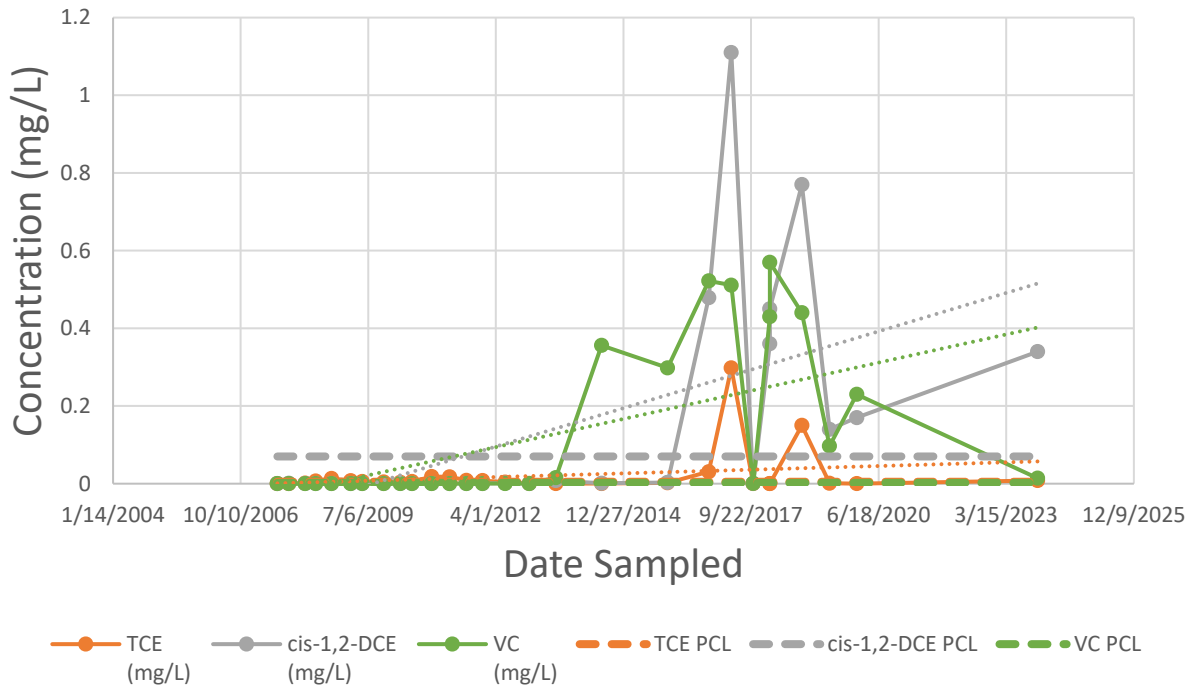




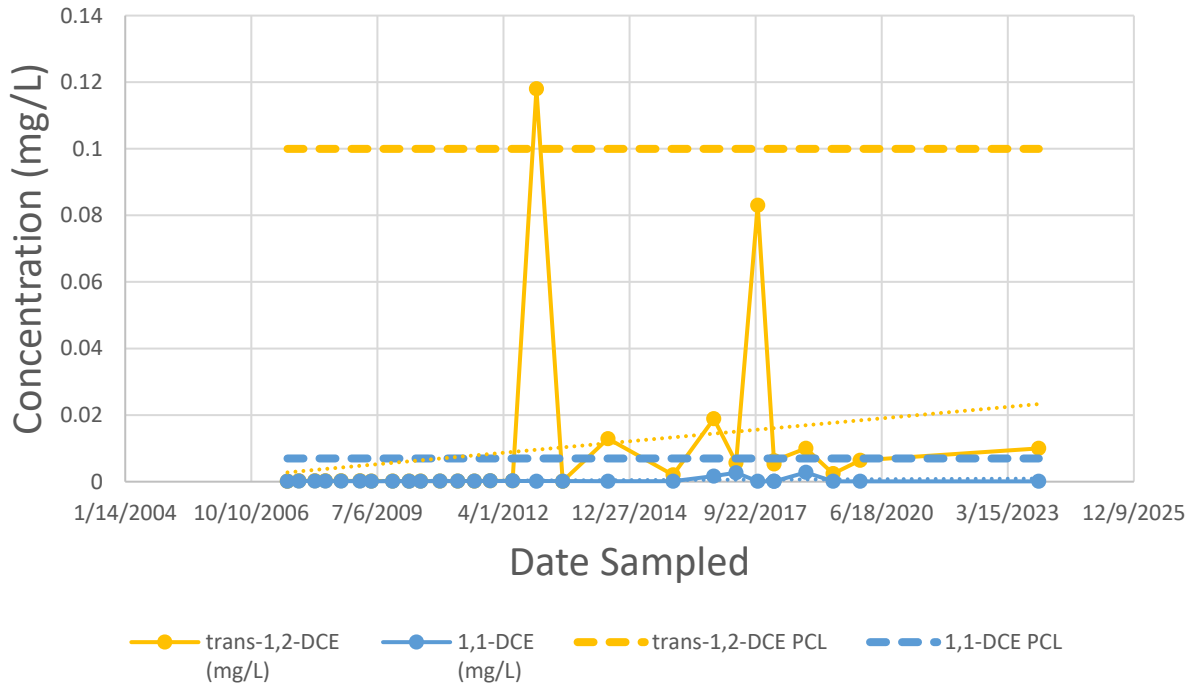
MW-10D Concentration Over Time (Tetrachloroethylene)



MW-10D Concentration Over Time (Main Daughter Products)



MW-10D Concentration Over Time (Other Daughter Products)



APPENDIX H

A statement as to whether contamination on and off the designated property without a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.

Without an MSD, the PCLs for groundwater ingestion (^{GW}GWIng) would be used to evaluate Site contaminants. With the use of these PCLs, environmental sampling data indicate that concentrations of COCs in the GWBU exceed respective residential PCLs for the groundwater ingestion pathway on the designated property. The PCL Exceedance Zones (PCLE zones) for the chlorinated ethene constituents are contained entirely within the designated property. Additionally, delineating monitor wells are installed outside the PCLE zone in every direction, showing no exceedances since 2016. The extent of the plume is limited to the on-site designated property and does not extend to off-site properties.

The subsurface soil exceeds the residential PCL for soil leaching to groundwater (^{GW}SOIL_{Ing}) in a small area of the site behind the retail shops. This soil is currently covered in pavement as an engineering control. Its condition is assessed routinely to minimize the potential of sorbed-phase COCs entering the groundwater.

Detected contaminants of concern and residential ingestion-based PCLE zone for each respective COC is presented in **Appendix C-4**. Tabulated groundwater data showing all sample results for each COC and corresponding ingestion and non-ingestion-based PCLs is presented in **Appendix G-3** and **Appendix G-4**.