



APPLICATION FOR MUNICIPAL SETTING DESIGNATION

for

**1733 Wirt Road
Houston, Harris County, TX
77055
TCEQ VCP ID# 3000**

**City of Houston MSD Program
Attention: Mark A. Wooten, Jr.**

November 11, 2022

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 Mark A. Wooten Jr. at (832) 394-9003, mark.wooten@houstontx.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) Two (2) hard copies 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) An electronic portable digital file (pdf) of the application including all supporting material
- 3) An electronic Excel file with mailing addresses for water well owners and property owners. (Templates can be found on the MSD website, www.houstonmsd.org)

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 \$3,400.00 (payable to City of Houston) to the address below. The applicant must also pay 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. At the time of the mail outs, staff will require a credit card number to pay for processing and mailing the notices.

Mark A. Wooten Jr.
City of Houston MSD Program
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: Cobb Interests, Inc.
 Individual Private Entity Public Entity Non-Profit Entity Other _____
Address: 28181 Lark Road Gravois Mills Missouri 65037-3516
(Street) (City) (State) (Zip)
Phone No.: (713) 806-6744 Fax No.: _____
Email: cobbjs@sbcglobal.net

Contact Information

Name of Contact: Sherry Cobb
Title: Property Owner
Address: 28181 Lark Road Gravois Mills Missouri 65037-3516
(Street) (City) (State) (Zip)
Phone No.: (713) 806-6744 Fax No.: _____
Email: cobbjs@sbcglobal.net

Application Preparation

Application Prepared by: Karly Cherry
Company: Phase Engineering, LLC
Address: 5524 Cornish Street Houston Texas 77007
(Street) (City) (State) (Zip)
Phone No.: (832) 485-2230 Fax No.: _____
Email: karly@phaseengineering.com

SITE INFORMATION

Site HCAD No(s): 0450700000097

Site Name: Cobbs Specialty Cleaners

Site Size: 0.412 acres

Site Address: 1733 Wirt Road Houston Texas 77055
(Street) (City) (State) (Zip)

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

Owner: Sherry Cobb

Owner Address: 28181 Lark Road Gravois Mills Missouri 65037-3516
(Street) (City) (State) (Zip)

Name of Contact: Michael Connelly

Title: Attorney

Organization: The Michael Connelly Law Firm, P.C.

Phone No.: (713) 968-9860 Fax No.: _____

Email: mconnelly@connellypc.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: _____

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: _____

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: _____

ITEM	COH Use
<p>Executive Summary</p>	
<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.</p> <ol 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. Provide for each contaminant of concern within the designated groundwater:</p> <ol 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 displaying the following information for each contaminant of concern, to the extent known:</p> <ol 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>7. A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, <u>with the basis for that statement</u>. Please include historical sampling data.</p> <p style="text-align: center;"><u>Label "Appendix G"</u></p>	
<p>8. 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>9. 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>10. Identification of the points of origin of the contamination, to the extent known. <u>Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (applications without the PRP listed will be deemed incomplete)</u></p> <p style="text-align: center;"><u>Label "Appendix J"</u></p>	
<p>11. Environmental regulatory actions, litigation, and plume identification.</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>12. 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>13. 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.</p> <p style="text-align: center;"><u>Label "Appendix M"</u></p>	
<p>14. 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 style="text-align: center;"><u>Label "Appendix N"</u></p>	
<p>15. 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.</p> <p style="text-align: center;"><u>Label "Appendix O"</u></p>	
<p>16. 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 style="text-align: center;"><u>Label "Appendix P"</u></p>	
<p>17. 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 style="text-align: center;"><u>Label "Appendix Q"</u></p>	
<p>18. 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 style="text-align: center;"><u>Label "Appendix R"</u></p>	
<p>19. 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 style="text-align: center;"><u>Label "Appendix S"</u></p>	
<p>20. 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 <u>ALL</u> properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application.)</p> <p style="text-align: center;"><u>Label "Appendix T"</u></p>	

ITEM	COH Use Only
<p>21. 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 www.houstonmsd.org under the "Forms" section on the homepage.)</p> <p>Signing and sealing Form U-2012-01 certifies:</p> <ol style="list-style-type: none"> a. 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) b. 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>22. 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"> a. Specify the name and address of the owner of each property. b. Send a copy of the application to the owner of the property with the notice of the public meeting. c. 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). d. 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>23. 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 www.houstonmsd.org under the "Forms" section on the homepage.)</p> <p style="text-align: center;"><u>Label "Appendix W"</u></p>	
<p>24. 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 www.houstonmsd.org under the "Forms" section on the homepage.)</p> <p style="text-align: center;"><u>Label "Appendix X"</u></p>	
<p>25. A CD (or other devise) containing the 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 – MSD APPLICATION FOR 1733 WIRT ROAD HOUSTON

The designated property (subject property) consists of 0.412-acre of commercial property addressed as 1733 Wirt Road (near the intersection of Wirt Road and Long Point Road) in Houston, Harris County, TX. The designated property was developed as a dry cleaner in the mid-1960's and operated as various dry cleaners, including Sav-On Cleaners, Martins One Hour Cleaners / 1 Hour Martins Laundry, Your Valet Cleaners & Laundry, and Cobbs Drapery Cleaners / Cobbs Specialty Cleaners, until the facility was vacated in 2020. Properties located within 500 feet of the designated property are a mix of commercial and single and multi-family residential properties.

The most recent occupant, Cobbs Specialty Cleaners, was registered as using petroleum-based solvents rather than using tetrachloroethene, however prior dry cleaner occupants likely used tetrachloroethene. The facility was vacated in 2020 and remains vacant; all potential source equipment and operations have been removed from the property.

The chlorinated solvent release was identified in 2017 during due diligence assessments as part of a property transaction. The property was subsequently entered into the TCEQ Voluntary Cleanup Program (VCP) to manage the chlorinated solvent release in 2019. Impact to the designated property includes volatile organic compounds (VOCs) in the form of chlorinated solvents, specifically tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride, at concentrations in subsurface soil (greater than 15 feet below ground surface) and groundwater that are greater than their respective Tier 1 Residential Assessment Levels (RALs) (as defined under TRRP). Petroleum product impact was also identified in the subsurface soil and groundwater but has been attributed to an offsite gasoline station (LPST # 94963); the property owner has received a release of liability from TCEQ for the petroleum product impact under IOP # 1124. Delineation and monitoring of the chlorinated solvent plume has been conducted from September 2019 through August 2022 through a network of seven permanent monitoring wells and five temporary monitoring wells and was found to be limited to the north-northwest and south exterior areas of the onsite building. The contaminated groundwater is restricted to a plume in the shallow-intermediate (upper) groundwater zone lying at depths between 25 and 40 feet. The plume has been found to be stable/declining and is not migrating offsite.

Current groundwater conditions indicate trichloroethene, cis-1,2-dichloroethene, and vinyl chloride are present in the upper groundwater bearing unit at concentrations that exceed the TRRP Tier 1 Residential PCLs for ingestion of groundwater ($^{GW}GW_{Ing}$). Reported concentrations of chlorinated solvents in groundwater do not and have not exceeded the non-ingestion based TRRP Tier 1 PCLs for air inhalation ($^{Air}GW_{Inh-V}$). Likewise, chlorinated solvent concentrations in the subsurface soil at the designated property were found to exceed the TRRP Tier 1 Residential PCLs for the soil to groundwater pathway (soil to groundwater ingestion) ($^{GW}Soil_{Ing}$),

but do not exceed the appropriate non-ingestion based Tier 1 Residential PCLs for air inhalation ($^{Air}Soil_{Inh-V}$).

Based on the five-mile water well search using data from the Houston Galveston Subsidence District (HGSD), the Texas Water Development Board (TWDB) Groundwater Database, Submitted Drillers Reports Database, Submitted Driller's Plugging Reports, and the TCEQ Public Water Supply Sites (PWS), there are 307 potable water-well sites (clusters) identified within five miles of this proposed MSD. The designated property and all properties located within one-half mile of the designated property are served by the City of Houston public water supply system (PWS ID TX1010013).

The City of Houston is the primary municipality within one-half mile of the designated property; however, the boundary of the City of Hillshire Village abuts the City of Houston boundary at the one-half mile radius line. Five municipalities, including the City of Bunker Hill Village, City of Hedwig Village, City of Hunters Creek Village, City of Piney Point Village, and City of Spring Valley Village, own or operate at least one groundwater supply well within five miles of the boundary of the designated property at 1733 Wirt Road.

With implementation of the MSD, concentrations of the contaminants of concern at the affected property do not exceed non-ingestion PCLs. The Applicant intends to obtain a VCP Certificate of Completion following certification of the MSD.

ITEM 1

Appendix A

Provide a legal description of the boundaries of the designated property, including metes and bounds, and a 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.

Property information for the designated property is included as follows:

- **Harris County Appraisal District Real Property Account Information**
- **Survey**
- **Deed**

HARRIS COUNTY APPRAISAL DISTRICT
 REAL PROPERTY ACCOUNT INFORMATION
045070000097

Tax Year: 2022



Owner and Property Information										
Owner Name & Mailing Address: COBB INTERESTS INC 28181 LARK RD GRAVOIS MILLS MO 65037-3516						Legal Description: TR 6K ABST 766 W TROTT Property Address: 1733 WIRT RD HOUSTON TX 77055				
State Class Code	Land Use Code	Building Class	Total Units	Land Area	Building Area	Net Rentable Area	Neighborhood	Market Area	Map Facet	Key Map ^{1/2}
F1 -- Real, Commercial	8001 -- Land Neighborhood Section 1	E	0	17,947 SF	4,036	0	9860.05	5010 -- Inner West	5159C	451T

Value Status Information

Value Status	Notice Date	Shared CAD
Noticed	04/01/2022	No

Exemptions and Jurisdictions

Exemption Type	Districts	Jurisdictions	Exemption Value	ARB Status	2021 Rate	2022 Rate
None	025	SPRING BRANCH ISD		Not Certified	1.304300	
	040	HARRIS COUNTY		Not Certified	0.376930	
	041	HARRIS CO FLOOD CNTRL		Not Certified	0.033490	
	042	PORT OF HOUSTON AUTHY		Not Certified	0.008720	
	043	HARRIS CO HOSP DIST		Not Certified	0.162210	
	044	HARRIS CO EDUC DEPT		Not Certified	0.004990	
	061	CITY OF HOUSTON		Not Certified	0.550830	
	793	SPRING BRANCH MGT DIST		Not Certified		

Texas law prohibits us from displaying residential photographs, sketches, floor plans, or information indicating the age of a property owner on our website. You can inspect this information or get a copy at [HCAD's information center at 13013 NW Freeway.](#)

Valuations

Value as of January 1, 2021			Value as of January 1, 2022		
	Market	Appraised		Market	Appraised
Land	511,490		Land	538,410	
Improvement	50,000		Improvement	176,843	
Total	561,490	561,490	Total	715,253	715,253

Land

Market Value Land												
Line	Description	Site Code	Unit Type	Units	Size Factor	Site Factor	Appr O/R Factor	Appr O/R Reason	Total Adj	Unit Price	Adj Unit Price	Value
1	8001 -- Land Neighborhood Section 1	4373	SF	17,947	1.00	1.00	1.00	--	1.00	30.00	30.00	538,410.00

Building

Building	Year Built	Type	Style	Quality	Impr Sq Ft	Building Details
1	1965	Retail Single-Occupancy	Retail Store	Low	3,010	Displayed
2	1977	Retail Single-Occupancy	Retail Store	Low	1,026	View

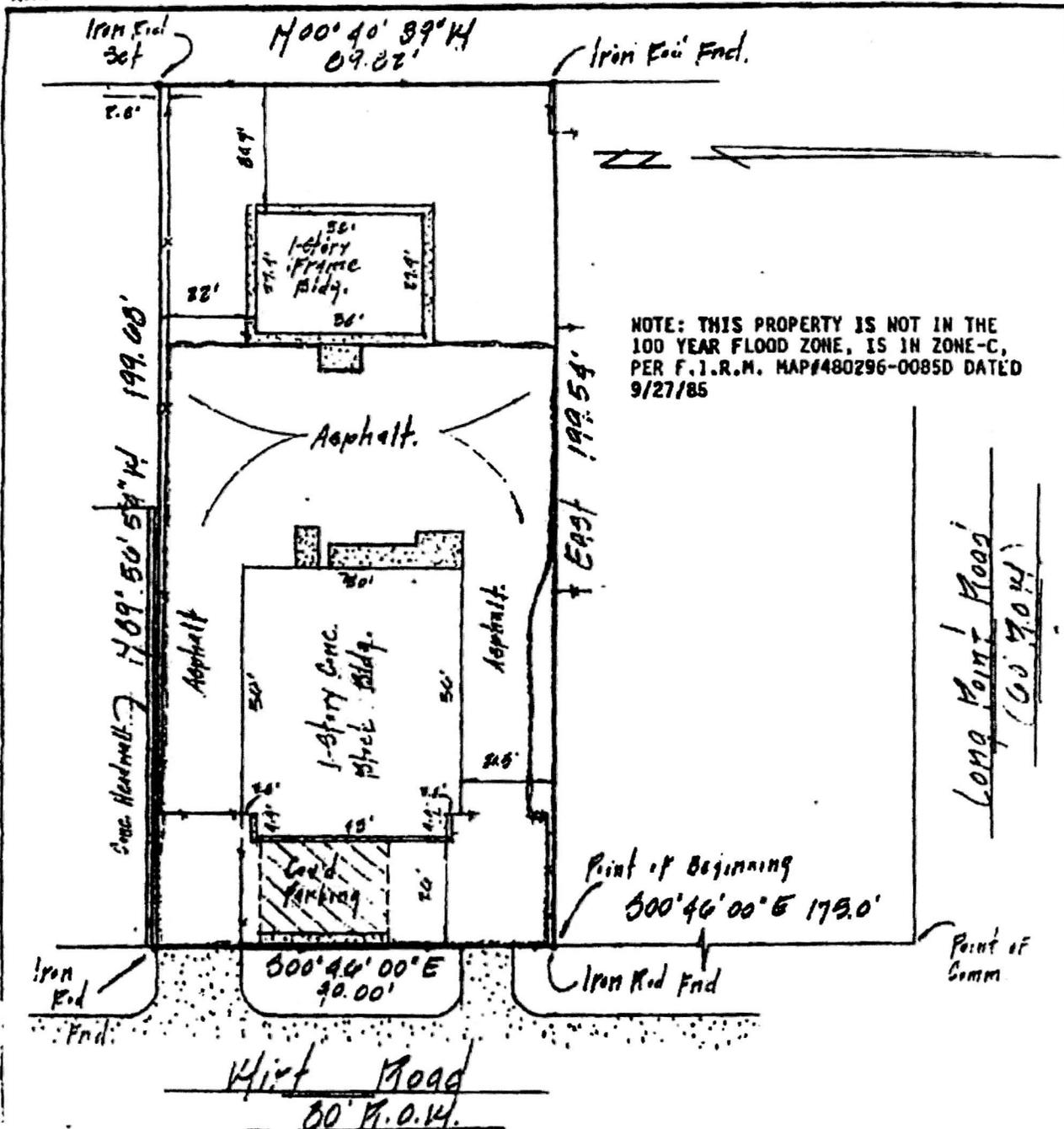
Building Details (1)

Building Data	
Element	Detail
Cooling Type	None
Functional Utility	Avg/Normal
Heating Type	None
Partition Type	Normal
Physical Condition	Avg/Normal
Plumbing Type	Adequate
Sprinkler Type	None
Exterior Wall	Concr Block
Economic Obsolescence	Normal
Market Index Adjustment	100% No Mkt Index Adjustment
Element	Units
Wall Height	10
Store Front: Metal	1
Interior Finish Percent	100

Building Areas	
Description	Area
CNPY ONLY -C	680
BASE AREA PRI	3,010

Extra Features

Line	Description	Quality	Condition	Units	Year Built
1	Paving - Asphalt	Fair	Average	12,000.00	1965
2	UTILITY BLDG - FRAME	Average	Average	128.00	2001
3	UTILITY BLDG - FRAME	Average	Average	128.00	2001
4	CANOPY ONLY	Fair	Fair	680.00	1965



NOTE: THIS PROPERTY IS NOT IN THE 100 YEAR FLOOD ZONE, IS IN ZONE-C, PER F.I.R.M. MAP#480296-0085D DATED 9/27/85

LONG POINT FLOOD (00' 70' 04')

A TRACT OR PARCEL OF LAND CONTAINING 17,947 SQUARE FEET OF LAND OR 0.41200 ACRES OF LAND OUT OF THE ORIGINAL WILLIAM BEUTEL 43.9 ACRE TRACT OUT OF THE WILLIAM TROTT SURVEY, ABSTRACT NO. 766.

ACCORDING TO THE PLAT RECORDED IN VOL ** PAGE ** OF THE RECORDS OF HARRIS COUNTY, TEXAS KNOWN AS 1735 WIRT ROAD LENDER PROPERTY OF

I hereby certify that this survey was made on the ground and that this plat correctly represents the facts found at the time of survey showing the improvements. There are no encroachments apparent on the

LEGAL DESCRIPTION

LEGAL DESCRIPTION

A TRACT OR PARCEL OF LAND CONTAINING 17,947 SQUARE FEET OF LAND OR 0.41200 ACRES OF LAND, OUT OF THE ORIGINAL WILLIAM NEUTEL 43.9 ACRE TRACT, OUT OF THE WILLIAM TADDT SURVEY, ABSTRACT 766, HARRIS COUNTY, TEXAS, SAID 17,947 SQUARE FOOT TRACT BEING MORE PARTICULARLY DESCRIBED BY RULES AND BOUNDS, AS FOLLOWS, TO-WIT:

Commencing at reference at the intersection of the South line of Long Point Road (50 feet in width) and with the East right-of-way line of Wirt Road (80 feet in width);

Thence South 88 deg. 46 min. 00 sec. East, with the Westerly right-of-way line of said Wirt Road, a distance of 175.00 feet to a 5/8 inch iron rod at the North West corner and the PLACE OF BEGINNING of the herein described tract; which also marks the North Westerly corner of a certain 10.00 foot wide right-of-way strip conveyed to the city of Houston as described in file No. D-735450 and also said public records of Real Property Harris County, Texas;

THENCE South 00 deg. 46 min. 00 sec. East, with the Westerly right-of-way line of said Wirt Road, a distance of 90.00 feet to a 5/8 inch iron rod at the South East corner;

THENCE North 89 deg. 56 min. 54 sec. West, a distance of 199.68 feet to a 5/8 inch iron rod at the South West corner of the herein described tract;

THENCE North 00 deg. 40 min. 39 sec. West, with a 2 foot chain link fence, a distance of 89.82 feet to a 5/8 inch iron rod at the North West corner;

THENCE East, a distance of 199.54 feet to the PLACE OF BEGINNING and containing 17,947 square feet or 0.41200 acres of land more or less.

AUGUST 3, 1989
JOB#2206-89
SHEET 2 OF 2

FRED W. LANTOW, REGISTERED PUBLIC SURVEYOR #2321



ITEM 2

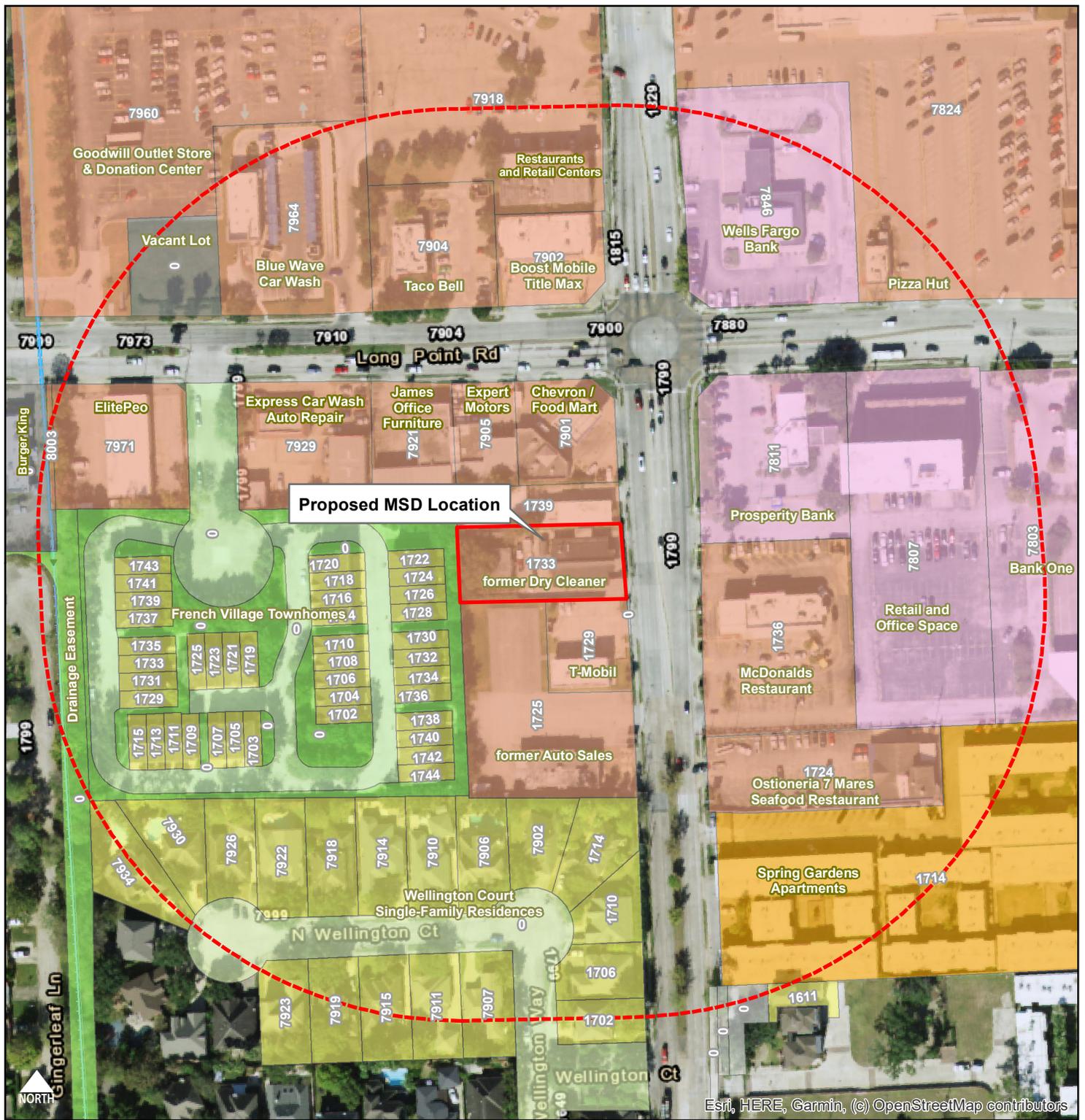
Appendix B

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 following figures are included in Appendix B:

- **Current Uses Within 500 Feet of Designated Property**

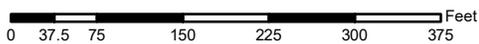
The designated property is approximately 0.412 acres (17,947 sf) of commercial property located at 1733 Wirt Road, Houston, in Harris County. The site is the former location of Cobbs Specialty Cleaners (dry-cleaning facility) and is currently vacant. The property is surrounded by various commercial businesses, office spaces, single-family residential property, and multi-family residential property. The future anticipated uses of the properties within 500 feet of the designated property are expected to remain the same. The future anticipated use of the subject property is currently unknown.



Esri, HERE, Garmin, (c) OpenStreetMap contributors

Cobbs Specialty Cleaners DCR 11405
1733 Wirt Road
Houston, TX 77055 Harris County
Long/Lat (dd): -95.485309 29.802132

Copyright © 2022 Phase Engineering, LLC



1:2,000

PHASE ENGINEERING, LLC
 ENVIRONMENTAL CONSULTANTS
TBPG Registered Firm #50283

Sources: Harris CAD, COHArcGIS Houston Land Use Web Map, USGS NHL, PE

Adapted from City of Houston Land Use

- | | | |
|---------------------------|-------------------|-------------|
| Single-Family Residential | Office | Undeveloped |
| Multi-Family Residential | Private Street | Unknown |
| Commercial | Park & Open Space | |

- 1733 Wirt Road
- 500-Foot Buffer

Base: USGS EarthExplorer - USDA 2020 NAIP CNIR M_2909513_SW_060_20201118
 Resolution 0.600 M Acquisition Date: 2020/11/18

Appendix B - Land Use
Within 500 feet of Proposed MSD
COH Municipal Setting Designation Application

ITEM 3

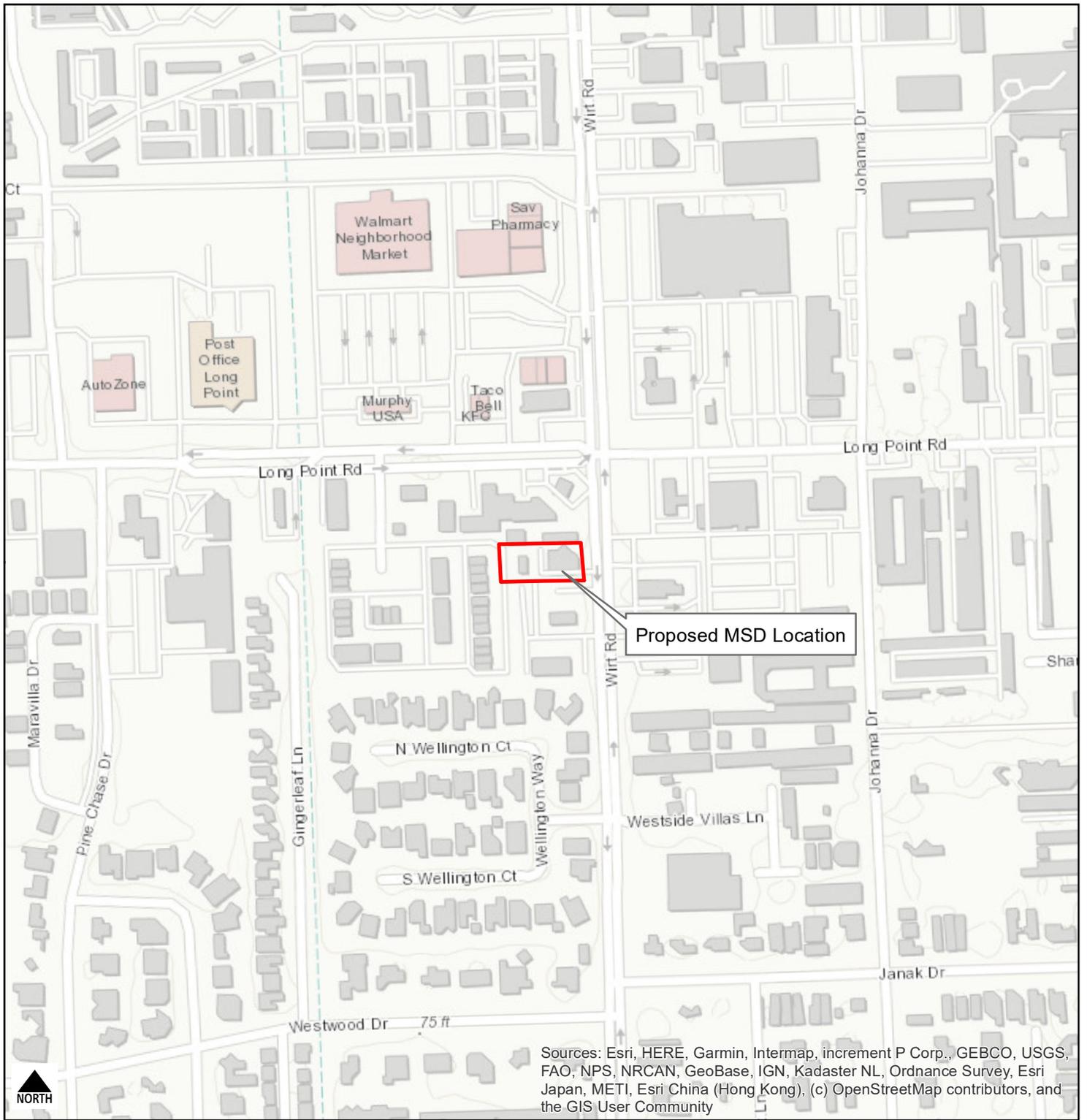
Appendix C

A site map showing.

- a. The location of the designated property.*
- b. The topography of the designated property as indicated on publicly available sources, which must note the watershed 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.*

The following figures are included in Appendix C:

- a. Location Map**
- b. Topographic Map with Watershed and Flood Zone**
- c. Detected Area of Groundwater Contamination**
- d. Location of All Soil Sampling and All Groundwater Monitoring Wells Map**
- e. Groundwater Gradient Map**
- f. Groundwater PCLE Zones for Each Contaminant of Concern Map and Subsurface Soil PCLE Zones for Each Contaminant of Concern Map**
- g. Depth to Groundwater for Each Affected Zone**

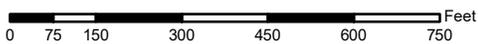


Cobbs Specialty Cleaners DCR 11405
1733 Wirt Road
Houston, TX 77055 Harris County
Long/Lat (dd): -95.485309 29.802132

Sources: Harris CAD, PE

Copyright © 2022 Phase Engineering, LLC

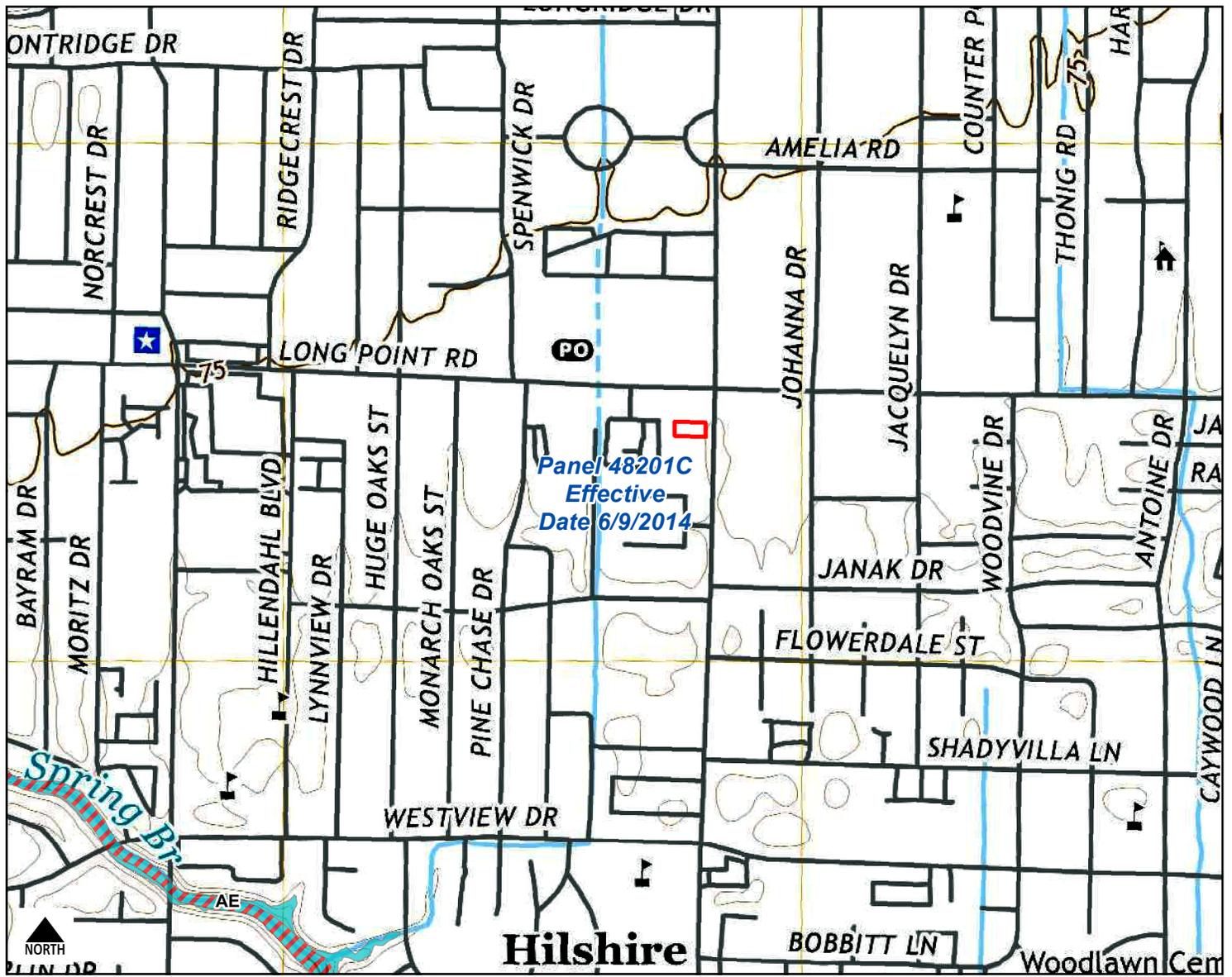
 1733 Wirt Road



1:4,000

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TBPG Registered Firm #50283

Appendix C - Location
COH Municipal Setting Designation Application



Sources: Harris CAD, FEMA NFHL, USGS NHL, PE

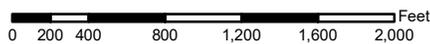
FEMA NFHL

- 1733 Wirt Road
- FIRM PANEL
- FLOODWAY
- A, AE, AH, AO

Base Map:
US TOPO Houston Heights Quadrangle, 2019
Contour Interval: 5 feet

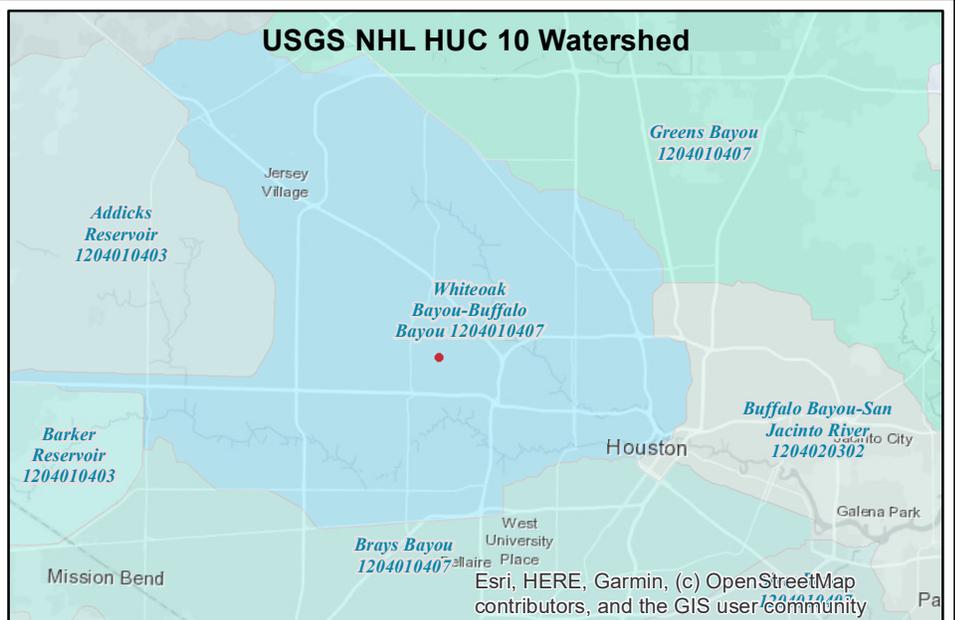
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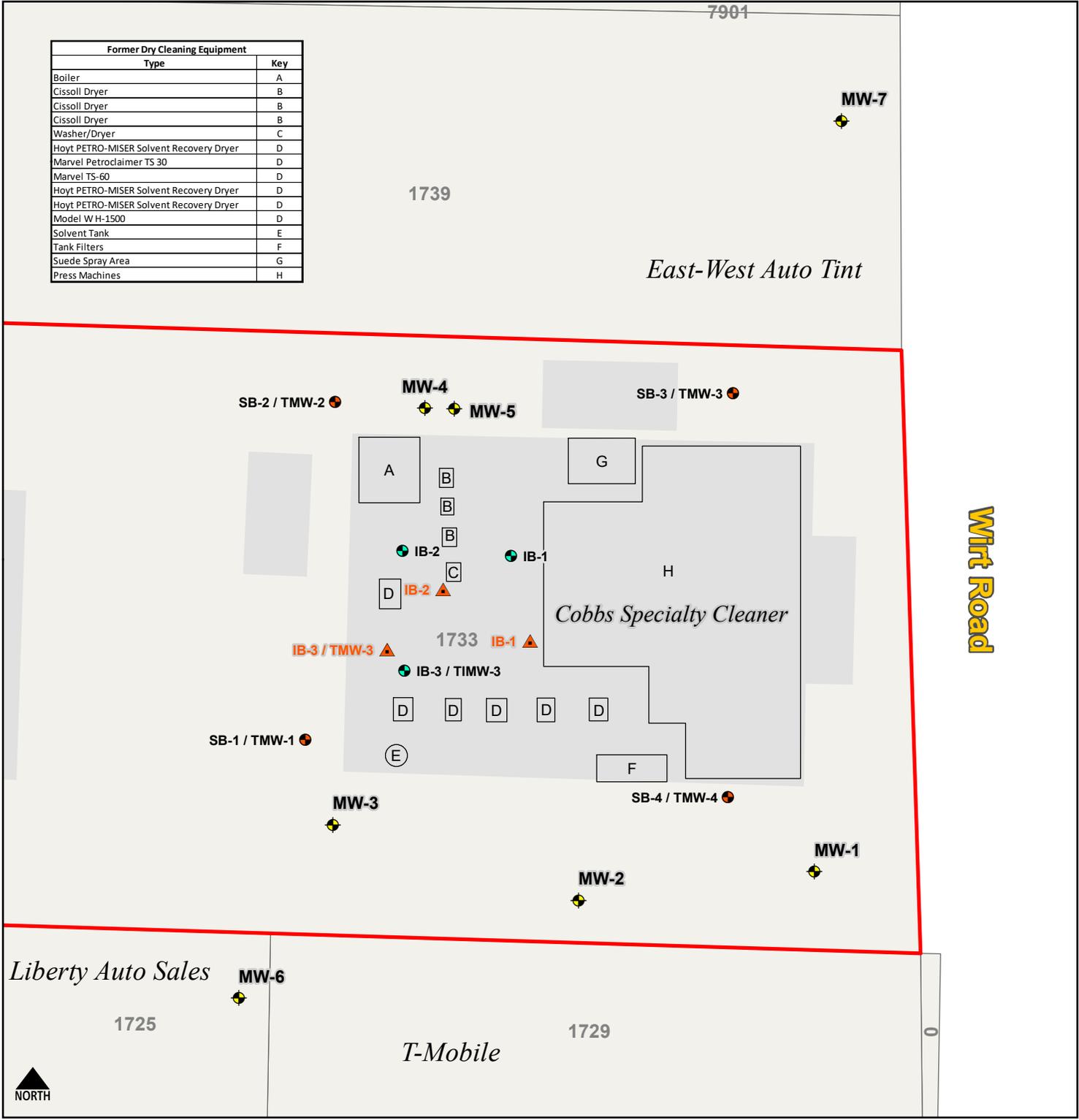
1:12,000

USGS NHL HUC 10 Watershed



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Former Dry Cleaning Equipment	
Type	Key
Boiler	A
Cissoll Dryer	B
Cissoll Dryer	B
Cissoll Dryer	B
Washer/Dryer	C
Hoyt PETRO-MISER Solvent Recovery Dryer	D
Marvel Petroclaimer TS 30	D
Marvel TS-60	D
Hoyt PETRO-MISER Solvent Recovery Dryer	D
Hoyt PETRO-MISER Solvent Recovery Dryer	D
Model W H-1500	D
Solvent Tank	E
Tank Filters	F
Suede Spray Area	G
Press Machines	H



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0 5 10 20 30 40 50 Feet
1:250

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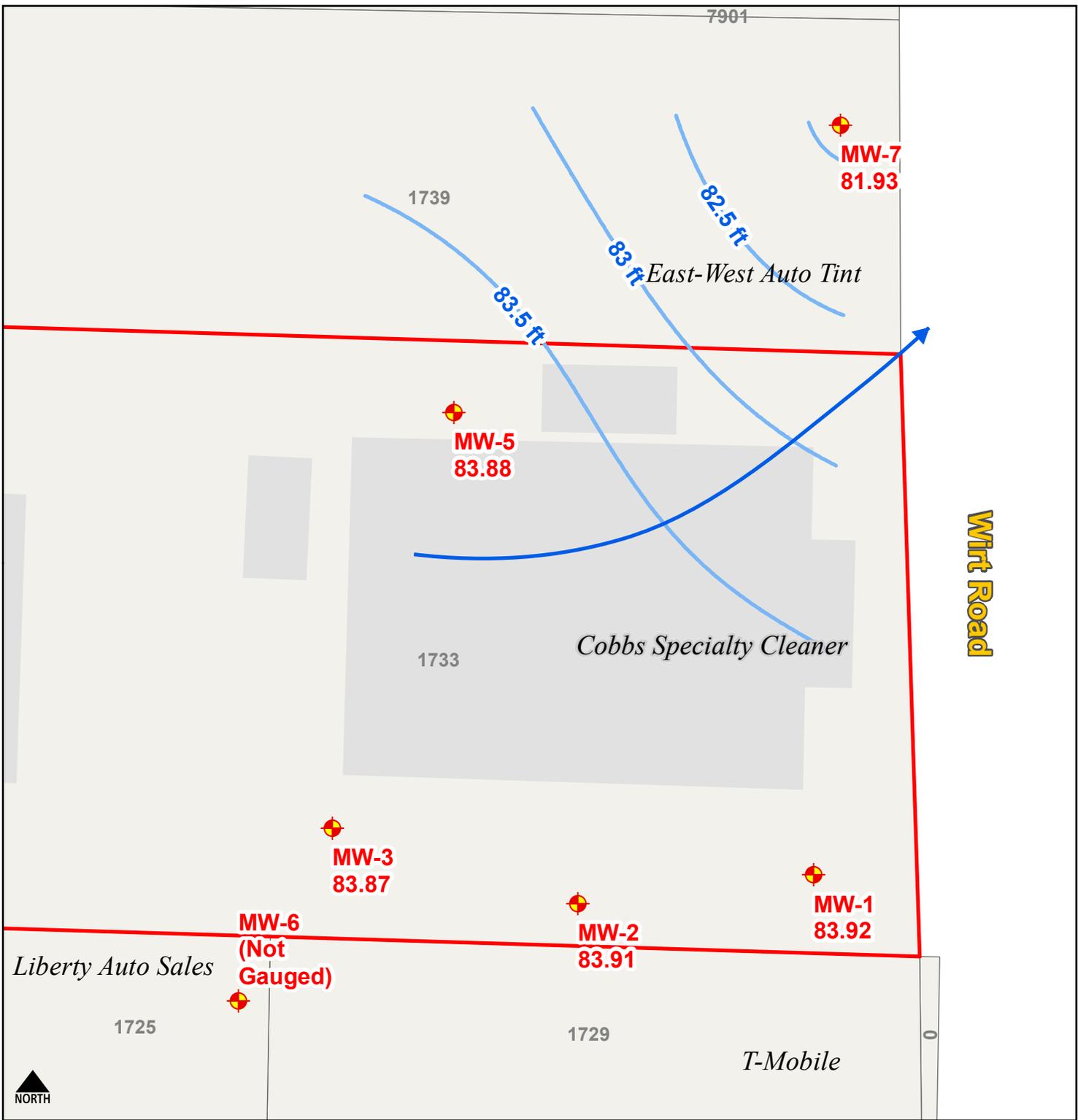
ROSS I. DOCTOROFF
 GEOLOGY
 2767
 LICENSED PROFESSIONAL GEOSCIENTIST

Ross Doctoroff
 Ross Doctoroff, P.G. No. 2767
 Date: October 10, 2022

Sources: Harris CAD, COHGIS, PE

- Monitoring Wells
- Interior Soil Borings 2021-02
- Interior Samples 2020-02
- Temporary Wells - 2017-10
- 1733 Wirt Road
- Former Dry Cleaning Equipment
- Buildings
- Parcels

Appendix C - Location of all Soil Sampling and all Groundwater Monitoring Wells
COH Municipal Setting Designation Application



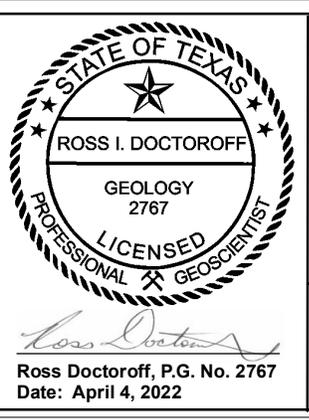
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0 5 10 20 30 40 50 Feet
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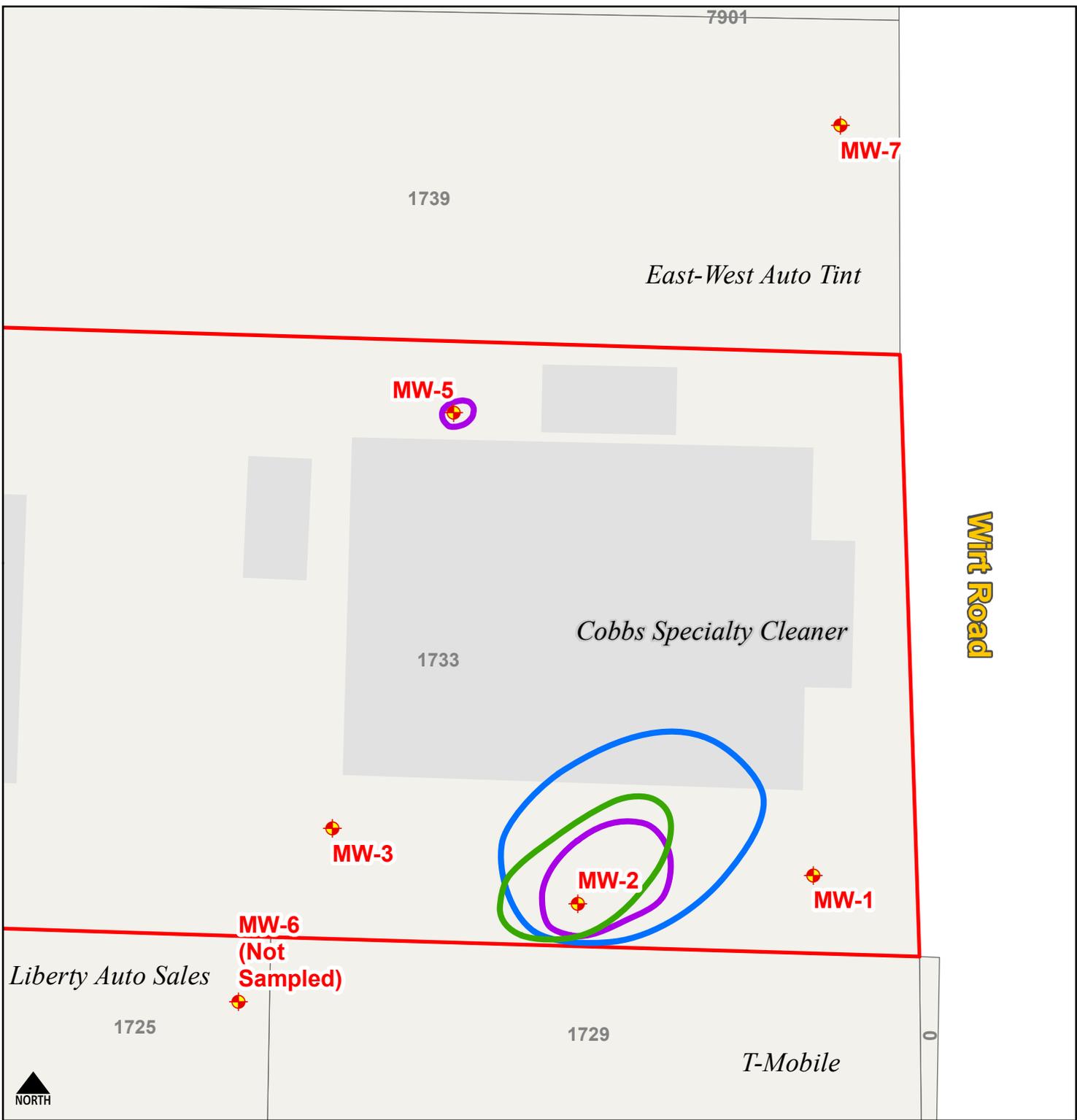
TBPG Registered Firm #50283



Sources: Harris CAD, COHGIS, PE

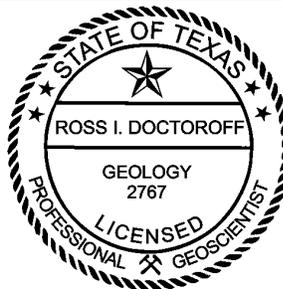
- 1733 Wirt Road
- Buildings
- HCAD Parcels
- Permanent Shallow Monitoring Wells
- Groundwater Gradient Contour - August 2022
- Groundwater Flow Direction

Appendix C - Groundwater Gradient
COH Municipal Setting Designation Application



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 Date: October 10, 2022

Current Groundwater PCLE Zones

Sources: Harris CAD, COHGIS, PE

- cis-1,2-Dichloroethene where > PCL (0.07 mg/L)
- TCE where > PCL (0.005 mg/L)
- Vinyl Chloride where > PCL (0.002 mg/L)
- Permanent Shallow Monitoring Wells
- 1733 Wirt Road
- Buildings
- Parcels

Appendix C - Groundwater PCLE Zones for each Contaminant of Concern
COH Municipal Setting Designation Application

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Chevron & Food Mart

7901

7905

Expert Motors

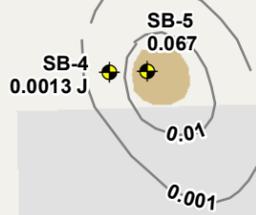
1739

East-West Auto Tint
Primary Computer Service

1733

Cobbs Specialty Cleaner

Wirt Road



IB-2 <0.00058

IB-1 <0.00061

IB-3 /
TIMW-3
<0.00055

SB-3
<0.00076

SB-2
<0.00070

SB-1
<0.00060

SB-6
<0.00066

Liberty Auto Sales

1725

1729

T-Mobile



Ross Doctoroff, P.G. No. 2767
Date: October 10, 2022

- Monitoring Wells / Soil Borings - September 2019
- Interior Samples (15-17') - February 2020
- Isoline Soil (20-30') Tetrachloroethene
- Tetrachloroethene where > PCL (0.05 mg/Kg)
- 1733 Wirt Road
- Buildings
- Parcels

COH PWE/ PUD GIMS

- wMeter_L5159
- wHydrant_L5159
- wLateralService_L5159
- wPumpPressureMain_L5159
- sLateralLine_L5159
- sGravityMain_L5159
- sForceMain_L5159
- sProposedWastewaterLine_L5159

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Appendix C - Subsurface Soil PCLE Zone
Tetrachloroethene (PCE) (15-17' and 20-32')
COH Municipal Setting Designation Application

Chevron & Food Mart

7901

7905

Expert Motors

1739

East-West Auto Tint
Primary Computer Service

SB-4
0.085
SB-5
0.051
0.01

IB-2
<0.00050
IB-1
<0.00053

1733

Cobbs Specialty Cleaner

IB-3 /
TIMW-3
<0.00047

SB-3
0.00070 J

SB-1
<0.00051

SB-6
0.0011 J

3.3

1729

T-Mobile

Liberty Auto Sales

1725

Wirt Road



NORTH



Ross Doctoroff, P.G. No. 2767
Date: October 10, 2022

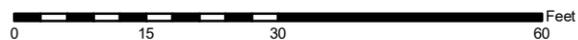
- Monitoring Wells / Soil Borings - September 2019
- Interior Samples (15-17') - February 2020
- Isoline Soil (20-30') Trichloroethene
- Trichloroethene where > PCL (Tier 3 0.96 mg/Kg)
- 1733 Wirt Road
- Buildings
- Parcels

COH PWE/ PUD GIMS

- wMeter_L5159
- wHydrant_L5159
- wLateralService_L5159
- wPumpPressureMain_L5159
- sLateralLine_L5159
- sGravityMain_L5159
- sForceMain_L5159
- sProposedWastewaterLine_L5159

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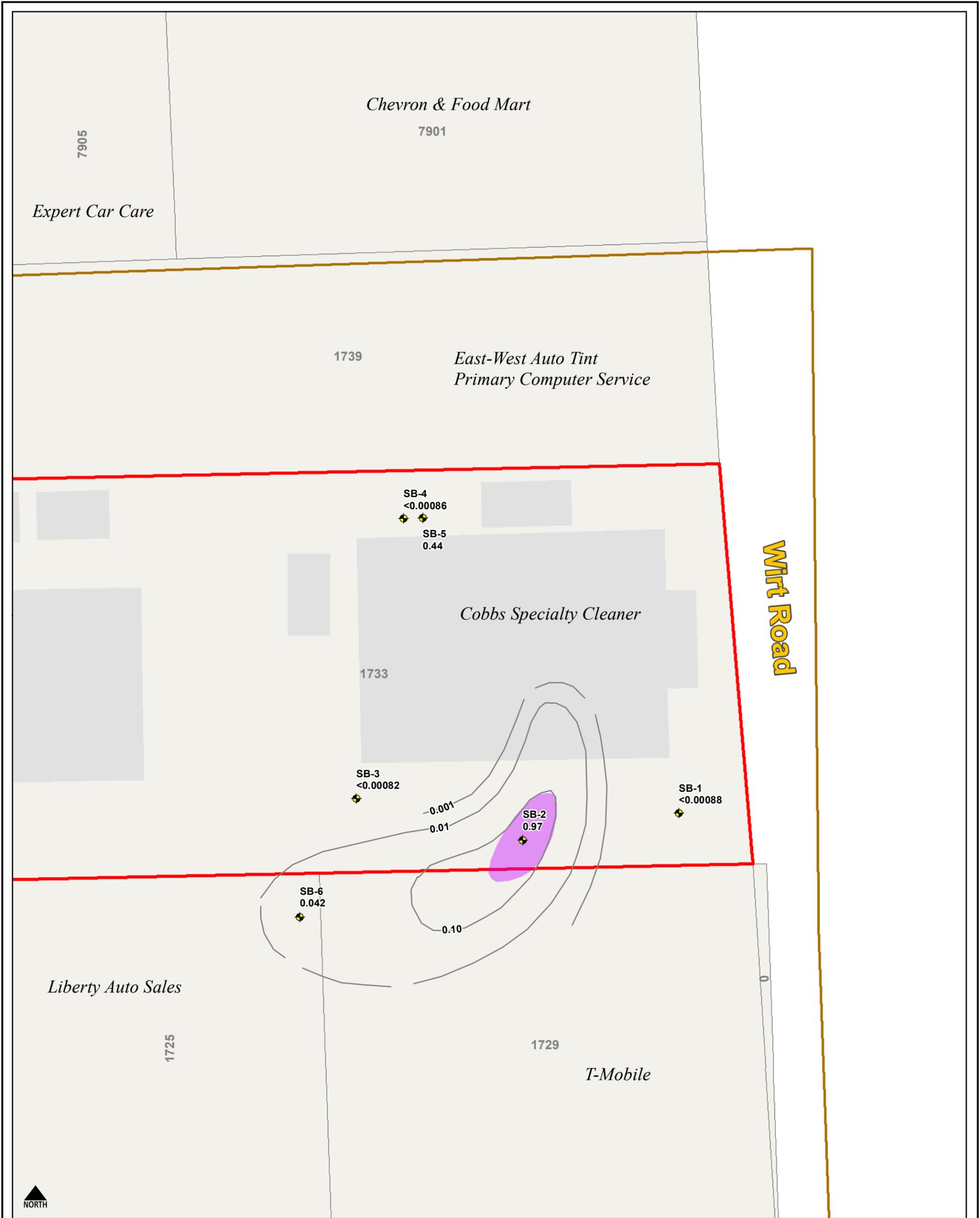
1:250



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Houston, TX 77055 Harris County
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TBPB Registered Firm #50283

Appendix C - Subsurface Soil PCLE Zone
Trichloroethene (TCE) (15-17' and 20-32')
COH Municipal Setting Designation Application



Ross Doctoroff
 Ross Doctoroff, P.G. No. 2767
 Date: October 10, 2022

- Monitoring Wells / Soil Borings - September 2019
- 1733 Wirt Road
- Buildings
- Parcels
- Isoline Soil (30-40') cis-1,2-Dichloroethene
- cis-1,2 DCE where > PCL (Tier 3 0.44 mg/Kg)

COH PWE/ PUD GIMS

- wMeter_L5159
- wHydrant_L5159
- wLateralService_L5159
- wPumpPressureMain_L5159
- sLateralLine_L5159
- sGravityMain_L5159
- sForceMain_L5159
- sProposedWastewaterLine_L5159

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Appendix C - Subsurface Soil PCLE Zone
cis-1,2-Dichloroethene (cis-1,2-DCE) (31-40')
COH Municipal Setting Designation Application



Ross Doctoroff
 Ross Doctoroff, P.G. No. 2767
 Date: October 10, 2022

- Monitoring Wells / Soil Borings - September 2019
- 1733 Wirt Road
- Buildings
- Parcels
- Isoline Soil (30-40') Vinyl Chloride
- Vinyl Chloride where > PCL (0.022 mg/Kg)

- COH PWE/ PUD GIMS**
- wMeter_L5159
 - wHydrant_L5159
 - wLateralService_L5159
 - wPumpPressureMain_L5159
 - sLateralLine_L5159
 - sGravityMain_L5159
 - sForceMain_L5159
 - sProposedWastewaterLine_L5159

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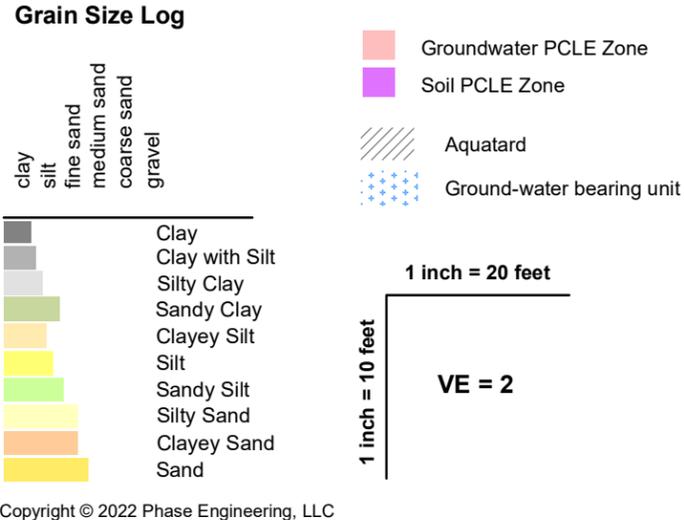
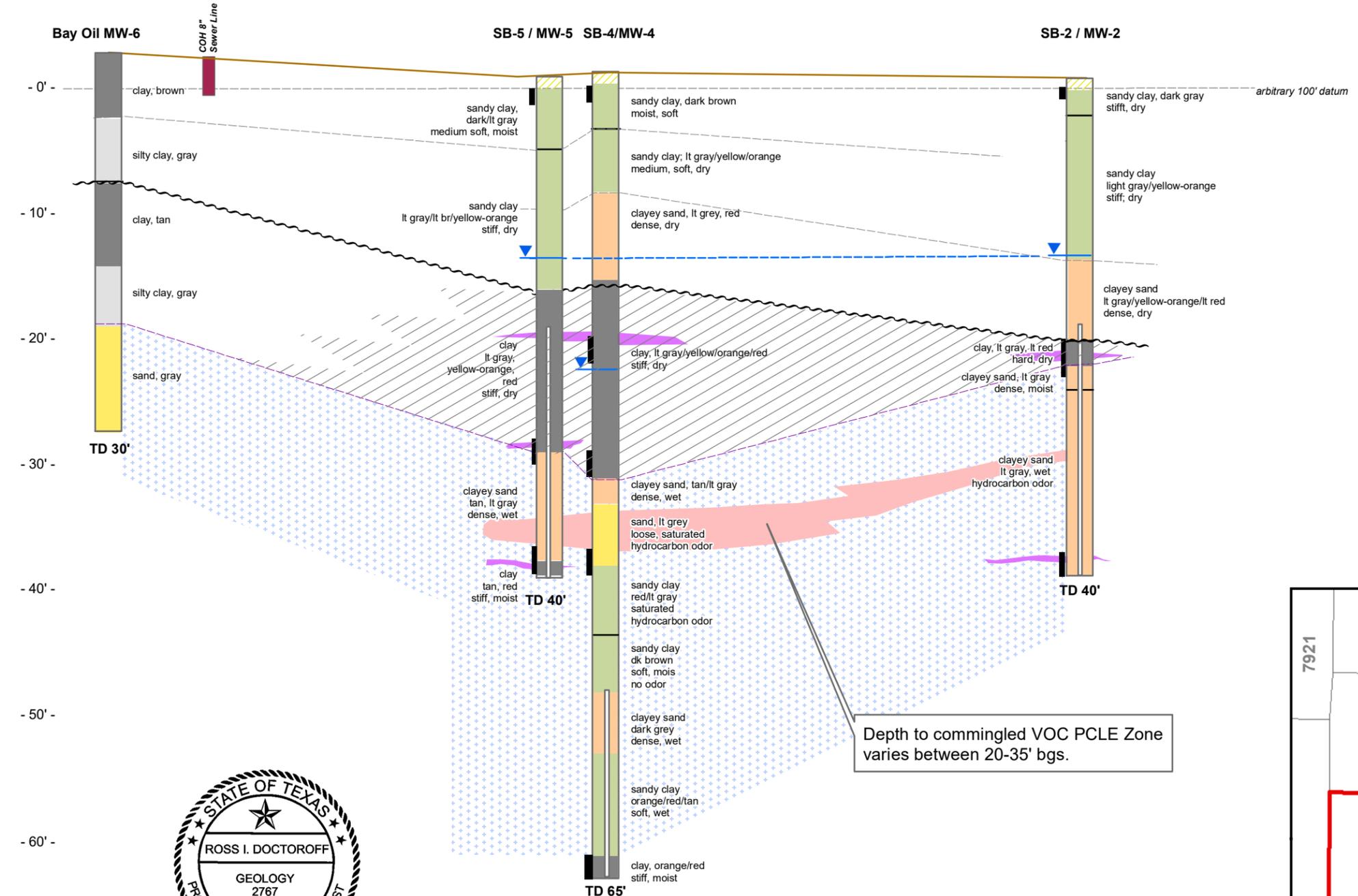
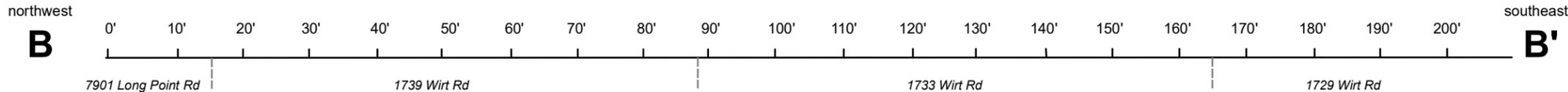
**Appendix C - Subsurface Soil PCLE Zone
 Vinyl Chloride (31-40')
 COH Municipal Setting Designation Application**

Appendix C - Depth to Groundwater for Each Affected Zone

Cross Section B-B'
October 2020

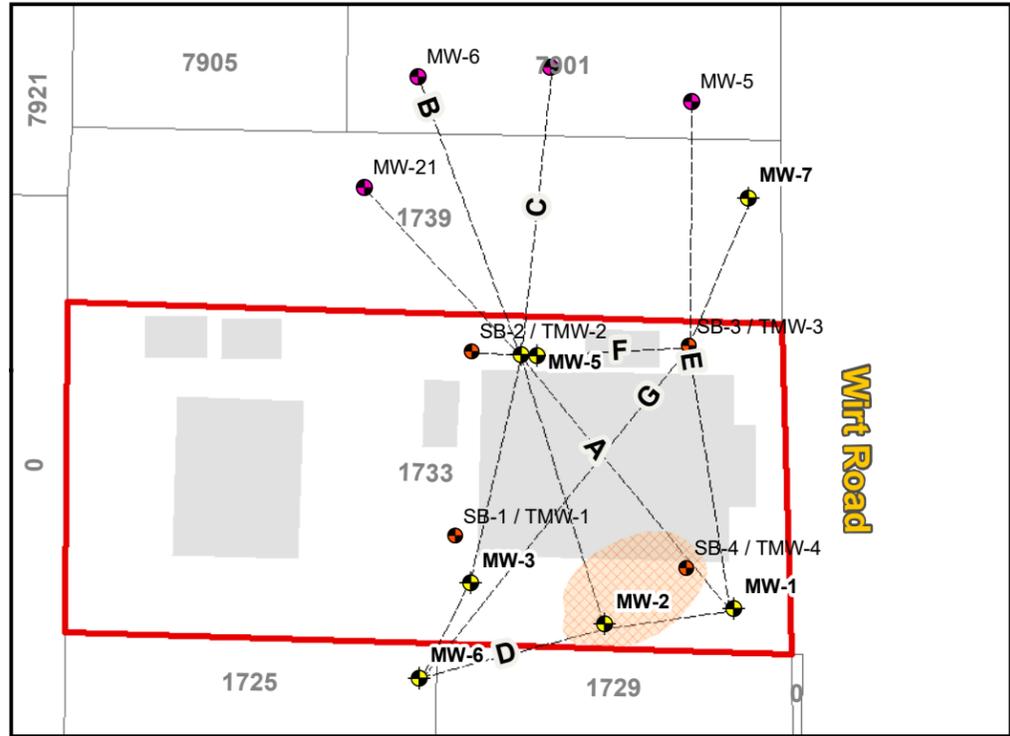
PEI Project: COH MSD Application

Cobbs Specialty Cleaners DCR 11405
1733 Wirt Road
Houston, TX 77055 Harris County
Long/Lat (dd): -95.485309 29.802132



Depth to commingled VOC PCLE Zone varies between 20-35' bgs.

Location of Cross Sections and Detected Area of Groundwater Contamination



Ross Doctoroff, P.G. No. 2767
Date: October 10, 2022

ITEM 4

Appendix D

Provide for each contaminant of concern within the designated groundwater:

- 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 belowground 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).*

Detection and delineation of the chemicals of concern (COCs) in the groundwater was conducted during the due diligence investigations started in 2017 and in conjunction with an APAR submittal in April 2022. Groundwater contamination has been detected above the Texas Risk Reduction Program (TRRP) levels north-northwest and south-southwest of the present structure, around the former Cobbs Specialty Cleaner specifically at permanent monitoring wells MW-2 and MW-5. The contaminated groundwater is restricted to a plume in the shallow-intermediate groundwater zone lying at depths between 25 and 40 feet below ground surface (bgs) in wet to saturated, light grey, clayey sand. This unit is overlain by less porous, lower permeability light grey, light red, dry, stiff clay (aquitarde) and underlain by tan, red, dry, stiff silty clay. The estimated areas of the exceedance zones are approximately ten feet wide by ten feet long on the northwest side of the building and 10 to 30 feet wide by 55 feet long on the south side of the building (approximately 1,750 total square feet) beneath the existing concrete surface.

The COCs that have been detected in the groundwater plume at concentrations greater than their TRRP Tier 1 PCLs include the following:

Tetrachloroethene

CAS Registry Number: 127-18-4

(Also known as Perchloroethylene, 1,1,2,2-tetrachloroethylene, perchlor, perclene, tetrachloroethylene, PERC, PCE)

The Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) regulate PCE as a drinking water contaminant. The current Federal Maximum Contaminant Level (MCL) for PCE set by EPA is 5 µg/L or 0.005 mg/L; the TCEQ has adopted the MCL as the Tier 1 PCL for ingestion of groundwater. Tetrachloroethene or PCE is a colorless, clear liquid with an ethereal odor, specific gravity of 1.6, and is practically insoluble in water. PCE is a manufactured chemical and does not occur naturally in the environment. It is commonly associated with dry cleaning, textile operations, and metal degreasing activities (TCEQ 2008). The highest concentration of PCE in the shallow-intermediate groundwater bearing zone (Zone 1) was detected in the October 2020 monitoring event (0.011 mg/L at MW-2); PCE was not detected at concentrations that exceed the PCL during the most recent monitoring event (August 2022).

Trichloroethene

CAS Registry Number: 79-01-6

(Also known as trichloroethylene, TCE, trichlor, Tri-Clene)

The Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) regulate TCE as a drinking water contaminant. The current Federal Maximum Contaminant Level (MCL) for TCE set by EPA is 5 µg/L or 0.005 mg/L; the TCEQ has adopted the MCL as the Tier 1 PCL for ingestion of groundwater. Trichloroethene or TCE is a colorless, clear solvent with a slightly sweet odor, specific gravity of 1.464, and has a low solubility value. TCE is a manufactured chemical and does not occur naturally in the environment. It is commonly associated with metal degreasing activities, dry cleaning operations, and is a component of some consumer products such as paint removers, adhesives, and household cleaning products (TCEQ 2008). The highest concentration of TCE detected in the shallow-intermediate groundwater bearing zone (Zone 1) in the most recent monitoring event (August 2022) was 0.0094 mg/L at MW-2.

cis-1,2-Dichloroethene

CAS Registry Number: 156-59-2

(Also known as cis-1,2-Dichloroethylene, cis-1,2-DCE)

The Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) regulate cis-1,2-DCE as a drinking water contaminant. The current Federal Maximum Contaminant Level (MCL) for cis-1,2-DCE set by EPA is 70 µg/L or 0.07 mg/L; the TCEQ has adopted the MCL as the Tier 1 PCL for ingestion of groundwater. Cis-1,2-Dichloroethene or cis-1,2-DCE is one of two geometric isomers of 1,2-dichloroethylene (1,2-DCE). 1,2-DCE is a highly flammable, colorless liquid with a sharp/harsh odor, specific gravity of 1.27, and is moderately soluble in water. 1,2 DCE is a manufactured chemical and does not occur naturally in the environment. Cis-1,2-DCE is mainly a chemical intermediate in the synthesis and degradation of chlorinated solvents and other compounds. However, it can be used as a solvent for consumer products (TCEQ 2008). The highest concentration of cis-1,2-DCE detected in the shallow-intermediate groundwater bearing zone (Zone 1) in the most recent monitoring event (August 2022) was 1.1 mg/L at MW-2.

trans-1,2-Dichloroethene

CAS Registry Number: 156-60-5

(Also known as trans-1,2-Dichloroethylene, trans-1,2-DCE)

The Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) regulate trans-1,2-DCE as a drinking water contaminant. The current Federal Maximum Contaminant Level (MCL) for trans-1,2-DCE set by EPA is 100 µg/L or 0.1 mg/L; the TCEQ has adopted the MCL as the Tier 1 PCL for ingestion of groundwater. Trans-1,2-Dichloroethene or trans-1,2-DCE is one of two geometric isomers of 1,2-dichloroethylene (1,2-DCE). 1,2-DCE is a highly flammable, colorless liquid with a sharp/harsh odor, specific gravity of 1.27, and is moderately soluble in water. 1,2 DCE is a manufactured chemical and does not

occur naturally in the environment. Trans-1,2-DCE is mainly a chemical intermediate in the synthesis and degradation of chlorinated solvents and other compounds. However, it can be used as a solvent for cleaning, degreasing, and some consumer products (TCEQ 2008). The highest concentration of trans-1,2-DCE detected in the shallow-intermediate groundwater bearing zone (Zone 1) was detected in the February 2020 monitoring event (0.014 mg/L at MW-2); trans-1,2-DCE was not detected at concentrations that exceed the PCL during the most recent monitoring event (August 2022).

Vinyl Chloride

CAS Registry Number: 75-01-4

(Also known as Chloroethene, Chloroethylene, Ethylene monochloride, monochloroethene, VC)

The Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) regulate VC as a drinking water contaminant. The current Federal Maximum Contaminant Level (MCL) for VC set by EPA is 2 µg/L or 0.002 mg/L; the TCEQ has adopted the MCL as the Tier 1 PCL for ingestion of groundwater. Vinyl Chloride or VC is a colorless, flammable gas at room temperature, with a mild, sweet odor, specific gravity of 0.9, and is slightly soluble in water. Vinyl Chloride is a man-made chemical used mainly in the production of polyvinyl chloride polymers (PVC) (TCEQ 2009). The highest concentration of VC detected in the shallow-intermediate groundwater bearing zone (Zone 1) in the most recent monitoring event (August 2022) was 0.88 mg/L at MW-2.

CVOCs Groundwater Analytical Results
1733 Wirt Road

ANALYTE	TRRP Tier 1 PCLs GWS mg/L	MW-1 mg/L				MW-2 mg/L				MW-3 mg/L			
		9/12/2019	2/24/2020	5/1/2020	10/15/2020	9/12/2019	2/24/2020	5/1/2020	10/15/2020	9/12/2019	2/24/2020	5/1/2020	10/15/2020
VOCs (EPA Method 8260)													
1,1-Dichloroethene	0.007	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	0.0041	0.0060	<0.00020	<0.00020	<0.00020	<0.00020
1,2-Dichloroethane	0.005	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	<0.00020	<0.00020	0.0012	<0.00020	<0.00020	<0.00020
cis-1,2-Dichloroethene	0.07	0.0034	0.0040	0.013	0.0037	0.87	1.8	1.4	1.8	0.016	0.0011	0.0013	0.0013
Tetrachloroethene	0.005	<0.00030	<0.00030	<0.00030	<0.00030	0.011	0.020	0.0064	0.011	0.0024	<0.00030	<0.00030	<0.00030
trans-1,2-Dichloroethene	0.1	<0.00020	<0.00020	0.00048 J	<0.00020	0.070	0.14	0.10	0.12	<0.00020	0.00041 J	0.00088 J	0.00050 J
Trichloroethene	0.005	<0.00020	<0.00020	<0.00020	<0.00020	0.52	0.28	0.059	0.080	0.0076	0.0015	0.0019	0.0017
Vinyl chloride	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.28	0.38	0.17	<0.00020	<0.00020	<0.00020	<0.00020

ANALYTE	TRRP Tier 1 PCLs GWS mg/L	MW-4 mg/L				MW-5 mg/L				MW-6 mg/L			MW-7 mg/L	
		9/12/2019	2/24/2020	5/1/2020	10/15/2020	9/12/2019	2/24/2020	5/1/2020	10/15/2020	2/24/2020	5/1/2020	10/15/2020	6/8/2020	10/15/2020
VOCs (EPA Method 8260)														
1,1-Dichloroethene	0.007	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
1,2-Dichloroethane	0.005	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
cis-1,2-Dichloroethene	0.07	0.00090 J	<0.00020	0.0012	0.0013	0.15	0.046	0.020	0.010	0.0050	0.0065	0.0016	0.0014	0.0065
Tetrachloroethene	0.005	<0.00030	<0.00030	<0.00030	<0.00030	0.029	0.0090	0.0061	0.0019	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
trans-1,2-Dichloroethene	0.1	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	<0.00020	0.0047	0.0020	<0.00020	0.00043 J	<0.00020	<0.00020	<0.00020
Trichloroethene	0.005	0.0024	0.00059 J	<0.00020	0.00043 J	0.22	0.074	0.081	0.038	<0.00020	<0.00020	0.00021 J	<0.00020	0.00024 J
Vinyl chloride	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.0010	<0.00020	<0.00020	<0.00020	0.0014	<0.00020	<0.00020	<0.00020	<0.00020

ITEM 5

Appendix E

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

- 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 exceedances.

**SUMMARY OF MAXIMUM CONSTITUENTS OF CONCERN CONCENTRATIONS: SOIL
MUNICIPAL SETTING DESIGNATION APPLICATION – COBB INTERESTS, INC.
1733 WIRT ROAD, HOUSTON, TEXAS 77055**

Contaminant Of Concern	Maximum Detected Soil Concentration				TRRP Residential Protective Concentration Level (Tier 1 unless otherwise noted)	
	Sample ID	Sample Depth (feet)	Sample Date	Detected Concentration (mg/kg)	Non-Ingestion (with MSD)	Ingestion (Without MSD)
					^{Air} Soil _{Inh-v} (mg/kg)	^{GW} Soil _{Ing} (mg/kg)
cis-1,2-Dichloroethene	SB-2	38 - 40	09/10/2019	0.97	920	0.44 (Tier 3)
Tetrachloroethene	SB-5	29 - 31	09/12/2019	0.067	940	0.05
trans-1,2-dichloroethene	SB-2	38 - 40	09/10/2019	0.041	920	0.49
Trichloroethene	SB-2	21 - 24	09/10/2019	3.3	31	0.96 (Tier 3)
Vinyl Chloride	SB-2	38 - 40	09/10/2019	0.093	43	0.022
Greater than TRRP PCL						

**SUMMARY OF MAXIMUM CONSTITUENTS OF CONCERN CONCENTRATIONS: GROUNDWATER
MUNICIPAL SETTING DESIGNATION APPLICATION – COBB INTERESTS, INC.
1733 WIRT ROAD, HOUSTON, TEXAS 77055**

Contaminant Of Concern	Maximum Detected Groundwater Concentration				TRRP Residential Tier 1 Protective Concentration Level	
	Groundwater Bearing Unit	Sample ID	Sample Date	Detected Concentration (mg/L)	Non-Ingestion (with MSD)	Ingestion (Without MSD)
					^{Air} GW _{Inh-v} (mg/L)	^{GW} GW _{Ing} (mg/L)
cis-1,2-Dichloroethene	Zone 1 (Shallow)	MW-2	02/24/2020 10/15/2020	1.8	1200	0.07
Tetrachloroethene	Zone 1 (Shallow)	MW-5	09/12/2019	0.029	500	0.005
trans-1,2-dichloroethene	Zone 1 (Shallow)	MW-2	02/24/2020	0.14	770	0.1
Trichloroethene	Zone 1 (Shallow)	MW-2	09/12/2019	0.52	24	0.005
Vinyl Chloride	Zone 1 (Shallow)	MW-2	08/12/2022	0.88	3.8	0.002
Greater than TRRP Tier 1 PCL						