CITY OF HOUSTON



HOUSTON PUBLIC WORKS HOUSTON WATER DIVISION

EXECUTIVE SUMMARY

The Executive Summary is presented on the following pages.



Environmental Engineering and Consulting Excellence Since 2001

City of Houston Municipal Setting Designation Application

Designated Property:

±5.745-Acre Commercial Property 3511 West 12th Street Houston, Harris County, Texas 77008 IHW SWR No. 38591

Prepared for:

Players I, Ltd. 5433 Westheimer Road, Suite 870 Houston, Texas 77056

November 30, 2023

SKA Project No. 17021-0004

SKA Consulting, L.P. 1888 Stebbins Drive, Suite 100 Houston, Texas 77043

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skaconsulting.com

Texas Engineering Firm F-005009 • Texas Geoscience Firm 50011 • Texas Asbestos Consultancy 100525



CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Designated Property:

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008

SKA PROJECT NO. 17021-0004

Prepared for:

PLAYERS I, LTD. 5433 WESTHEIMER ROAD, SUITE 870 HOUSTON, TEXAS 77056

Submitted by:

SKA CONSULTING, L.P. 1888 STEBBINS DRIVE, SUITE 100 HOUSTON, TEXAS 77043

Prepared by:

COURTNEY R. SIMS STAFF ENVIRONMENTAL SCIENTIST

DARRELL R. MAUDLIN, P.G. VICE PRESIDENT/SENIOR PROJECT MANAGER

Reviewed by:

SCOTT K. LEAFE PRESIDENT/MANAGING PARTNER

Signature

Darrell R. Maudlin

Signature

Signature

NOVEMBER 30, 2023

TEXAS REGISTERED ENGINEERING FIRM NO. F-005009 TEXAS REGISTERED GEOSCIENCE FIRM NO. 50011 TEXAS ASBESTOS CONSULTANCY 100525

Table of Contents_____

Executive 5	Summary	10
	4	
	3	
	<u> </u>	
)	
• •		
	G	
• •	†	
	J	
	(
	И	
	N	
	O	
)	
	2	
	₹	
	S	
Appendix U	J	44
	/	
Appendix V	N	46
Appendix >	<	47
Appendix \	/	48
TABLES		
TABLES Table E.1	Summary of Maximum Soil Concentrations	
Table E.1	Summary of Maximum Groundwater Concentrations	
Table F.1	Off-Site Property Owner Notifications	
Table G.1	Summary of Soil Analytical Results	
Table G.1	Summary of Groundwater Analytical Results	
Table G.2	Groundwater Geotechnical Parameters – pH and Temperature	
Table K.1	Chronology of Regulatory Activity	
Table P.1	Well Owners – 5-Mile Radius	
Table P.2	Potable Well Owners – 5-Mile Radius Mailing List	
Table Q.1	Retail Public Utilities – 5-Mile Radius	
Table T.1	Property Owners – 2,500-Foot Radius	
Table 1.1	1 Toporty Owners 2,000 Toot Radius	
GRAPHS		
Graph G.1	1,1-Dichloroethene Concentrations in Groundwater	
FIGURES		
Figure C.1	Site Location Map	
Figure C.2		
Figure C.3		
Figure C.4	·	
Figure C.5	·	

Figure C.6A	Groundwater Gradient Map – June 6, 2022
Figure C.6B	Groundwater Gradient Map – September 27, 2022
Figure C.6C	Groundwater Gradient Map – December 12, 2022
Figure C.6D	Groundwater Gradient Map – March 21, 2023
Figure C.7	Groundwater COC Concentration Map

Executive Summary_

SKA Consulting, L.P. (SKA), on behalf of Players I, Ltd., has prepared this City of Houston (COH) Municipal Setting Designation (MSD) Application for approximately 5.745 acres of privately owned commercially developed land identified as the designated property. The designated property is located at 3511 West 12th Street in Houston, Harris County, Texas. Presently, the designated property is registered in the Texas Commission on Environmental Quality (TCEQ) Industrial Hazardous Waste (IHW) Corrective Action Program under Solid Waste Registration (SWR) No. 38591.

The approximately 5.745-acre designated property comprises two parcels owned by three entities: Players I, Ltd., Players II, Ltd., and 3535 West 12th, LLC. The IHW SWR property is further divided into two tracts of land (Tracts 1 and 2), which are described below.

• Tract 1 comprises ±5.491 acres of unoccupied commercial land developed with an approximately 99,457 square foot (sq-ft) commercial building on the central portion and an approximately 5,563 sq-ft office building on the southwest portion. The commercial building comprises an office area and a warehouse divided into six bays (Bays 1 through 6). A shipping/receiving office, break room, equipment room, and maintenance shops are located in the northern portions of Bays 2 through 5. The warehouse was formerly used for on-site commercial/industrial operations including welding equipment manufacturing and steel fabrication. However, the exact historical operations of most of the former tenants are unknown. Presently, the warehouse now stores vehicles, including automobiles, motorcycles, tow trucks, recreational vehicles (RVs), jet skis, and a boat. The office building is unoccupied and comprises several administrative offices, a lobby, and restrooms. An unused railroad spur traverses east-to-west through the southern part of the warehouse and extends outside of the building to the west but is no longer connected to a main railroad line.

A 1,400 sq-ft, free-standing, corrugated metal canopy is located on the eastern portion of the designated property. A similar 560 sq-ft canopy with three walls is situated on the southwest part of the designated property. The canopies are not in use. The remainder of Tract 1 comprises concrete- or asphalt-paved parking and driving areas, an unused laydown yard covered in bare soil and remnant asphalt, and landscaped areas. Players I, Ltd. has 75% ownership, and Players II, Ltd. has 25% ownership of Tract 1.

Tract 2 comprises ±0.2537 acres of commercial land adjacently west of Tract 1. Tract 2 is developed with asphalt- or concrete-paved parking and driving areas used by the west-adjacent multi-tenant office building. Presently, 3535 West 12th, LLC has 100% ownership of Tract 2.

The designated property is bounded to the north by West 12th Street, followed by the Smart Living Heights residential apartment complex (3530 West 12th Street); to the south by an active Union Pacific Railroad (UPRR) right-of-way (ROW) and track, followed by the Timbergrove Trails Townhome Community; to the east by Seamist Drive, followed from north-to-south by vacant land and the Euro-MID, Inc. (a food importer) warehouse distribution facility (1110 Seamist Drive); and to the west by a four-story multi-tenant office building (3535 West 12th

Street). Properties in the vicinity of the designated property are predominantly mixed commercial, industrial, multi-family residential, single-family residential, and/or vacant.

No municipalities other than the COH have corporate limits within 0.5 miles of the boundary of the designated property. In addition, public drinking water is currently available to the designated property and properties located within a 0.5-mile radius surrounding the designated property by the COH public water supply system.

According to records obtained from Environmental Risk Information Services (ERIS), approximately 1,197 registered/permitted water wells are reportedly located within a 5-mile radius of the designated property. Of these, 22 are located within a 0.5-mile radius of the designated property, with eight being reportedly plugged or destroyed and one reportedly not drilled. Only seven water wells are located in the hydrogeologically downgradient direction from the designated property. However, based on their screened intervals, cementing data, and/or distances from the designated property, none of the seven downgradient water wells are affected or potentially affected by the documented groundwater impacts at the designated property are located crossgradient to upgradient of the designated property. Additionally, the groundwater impacts at the designated property are delineated in the directions of these crossgradient to upgradient water wells. As such, none of the three crossgradient to upgradient water wells are affected or potentially affected by the documented groundwater impacts at the designated property.

Of the approximately 1,197 registered/permitted water wells reportedly located within 5 miles of the designated property, approximately 53 are reportedly owned or operated by a retail public water utility (RPU). In addition, 8 of the 53 water wells located within 5 miles of the designated property are reportedly owned by a municipality other than the COH, specifically, the City of Spring Valley Village, the City of West University Place, and the Memorial Villages Water Authority.

The depth to the shallow groundwater bearing unit (GWBU) ranges from 20 to 30 feet below ground surface (ft-bgs). The only chemical of concern (COC) concentration detected in the uppermost GWBU exceeding its respective TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential groundwater-ingestion (^{GW}GW_{Ing}) Protective Concentration Level (PCL) is the chlorinated compound 1,1-dichloroethene (1,1-DCE).

The 1,1-DCE PCL Exceedance (PCLE) Zone is fully delineated in all directions. The source of this containment plume is attributed to a likely historical release from an on-site oil/water separator on the east portion of Tract 1 of the designated property related to former industrial occupants. The only documented use of chlorinated solvents on the designated property is by Air Liquide, which listed waste chlorinated solvents from degreasing as a waste stream for SWR No. 38591. This SWR was listed as inactive by the TCEQ in 2005; however, SWR No. 38591 was reactivated in 2023 in relation to present IHW corrective action activities. No chlorinated solvents are currently used on the designated property, and the groundwater 1,1-DCE concentrations are decreasing in trend. Since no chlorinated solvents are currently used on the designated property and the 1,1-DCE release is from historical on-site activities, this decreasing 1,1-DCE concentration trend is expected to continue.

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023 No COCs have been identified in soil and/or groundwater on the designated property at concentrations exceeding their applicable TRRP Tier 1 Residential Soil or Groundwater PCLs with an MSD in place.

The following Appendices, "A" through "Y," provide the requested documentation corresponding to the items in the attached COH MSD Application checklist. Supporting documentation for certain items is attached and included with the item's corresponding appendix.

Appendix A – Legal Property Description				
A legal description and metes and bounds for the designated property are included in <i>Appendix</i> A. In addition, copies of the deeds for the privately owned parcels of the designated property are included in <i>Appendix A</i> .				

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

<u>V DEED</u> 22-704388-MO (1.) STATE OF TEXAS COUNTY OF HARRIS

Players I, Ltd., a Texas limited partnership, as to a 75% undivided interest, and Players II. Ltd., a Texas limited partnership as to a 25% undivided interest (collectively herein "Grantor"), in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration. the receipt and sufficiency of which are acknowledged, has GRANTED, BARGAINED, SOLD, and CONVEYED and does GRANT, BARGAIN, SELL, AND CONVEY to 3535 W 12th LLC. a Texas limited liability company ("Grantee"), the real property in Harris County, Texas, fully described in Exhibit A, and all improvements located on it, together with (a) any and all rights, titles, powers, privileges, easements, licenses, rights-of-way, and interests appurtenant to the land, and (b) any and all rights, titles, powers, privileges, easements, licenses, rights-of-way, and interests of Grantor, either at law or in equity, in possession or in expectancy, in and to any land lying in the streets, highways, roads, alleys, rights-of-way, or sidewalks, open or proposed, in front of, above, over, under, through, or adjoining the land, and in and to any strips or gores of real estate adjoining the real property (collectively, "Property").

This Special Warranty Deed and the conveyance above are executed by Grantor and accepted by Grantee subject to any and all restrictions, easements, mineral reservations, and other matters of record set forth on Exhibit B (collectively, "Permitted Exceptions"). This conveyance is also being made by Grantor and accepted by Grantee subject to taxes for the year 2022, the payment of which Grantee assumes.

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances to it in any way belonging, to Grantee, its successors, and its assigns forever, and Grantor binds itself, its successors, and its assigns to WARRANT AND FOREVER DEFEND all and singular the title to the Property to Grantee, its successors, and its assigns against any person lawfully claiming or to claim the same or any part of it by, through, or under Grantor, but not otherwise, subject to the Permitted Exceptions.

EXCEPT FOR THE SPECIAL WARRANTY OF TITLE IN THIS DEED, GRANTEE IS ACQUIRING THE PROPERTY AS IS, WITH ALL FAULTS AND DEFECTS AND WITHOUT ANY WRITTEN OR ORAL REPRESENTATIONS OR WARRANTIES, EXPRESS IMPLIED

OR ARISING BY OPERATION OF LAW, AND GRANTEE ACKNOWLEDGES AND AGREES THAT, EXCEPT FOR THE SPECIAL WARRANTY OF TITLE IN THIS DEED, GRANTOR HAS NOT MADE, DOES NOT MAKE, AND SPECIFICALLY DISCLAIMS ANY 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 (A) THE NATURE, VALUE, QUALITY, OR CONDITION OF THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE WATER, SOIL, AND GEOLOGY, OR THE PRESENCE OR ABSENCE OF ANY POLLUTANT, CONTAMINANT, HAZARDOUS SUBSTANCE, WASTE, OR GAS, OR SOLID WASTE ON OR ABOUT THE PROPERTY, (B) THE INCOME TO BE DERIVED FROM THE PROPERTY. (C) THE SUITABILITY OF THE PROPERTY FOR ANY AND ALL ACTIVITIES AND USES THAT GRANTEE MAY INTEND TO CONDUCT, (D) THE COMPLIANCE OF OR BY THE PROPERTY OR ITS OPERATION WITH ANY LAWS, RULES, ORDINANCES, OR REGULATIONS OF ANY GOVERNMENTAL AUTHORITY OR BODY HAVING JURISDICTION, INCLUDING WITHOUT LIMITATION ENVIRONMENTAL LAWS, OR (E) THE HABITABILITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OF THE PROPERTY. GRANTEE ACKNOWLEDGES THAT, HAVING BEEN GIVEN THE OPPORTUNITY TO INSPECT THE PROPERTY, GRANTEE IS RELYING SOLELY ON ITS OWN INVESTIGATION OF THE PROPERTY AND NOT ON ANY INFORMATION PROVIDED OR TO BE PROVIDED BY OR ON BEHALF OF GRANTOR. GRANTEE FURTHER ACKNOWLEDGES THAT NO INDEPENDENT INVESTIGATION OR VERIFICATION HAS BEEN OR WILL BE MADE BY GRANTOR WITH RESPECT TO ANY INFORMATION SUPPLIED BY OR ON BEHALF OF GRANTOR CONCERNING THE PROPERTY, AND EXCEPT AS EXPRESSLY PROVIDED HEREIN, GRANTOR MAKES NO REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THAT INFORMATION, IT BEING INTENDED BY THE PARTIES THAT GRANTEE WILL VERIFY THE ACCURACY AND COMPLETENESS OF THAT INFORMATION ITSELF. FROM AND AFTER CLOSING, EXCEPT WITH RESPECT TO THE SPECIFIC REPRESENTATIONS AND WARRANTIES SET FORTH IN THIS DEED, GRANTEE WAIVES, RELEASES, DISCHARGES AND AGREES NOT TO SUE GRANTOR AND ITS AFFILIATES AND THEIR RESPECTIVE OWNERS, OFFICERS, PARTNERS, EMPLOYEES, AGENTS OR REPRESENTATIVES ("RELEASED PARTIES") FROM AND AGAINST ANY AND ALL CLAIMS, REMEDIES, ACTIONS, SUITS, LIABILITIES, COSTS AND EXPENSES LIMITATION REASONABLE ATTORNEYS' **WITHOUT** (INCLUDING PROFESSIONALS' FEES AND EXPENSES) ARISING FROM OR RELATED TO ANY NEGLIGENCE OR STRICT LIABILITY OF ANY OF THE RELEASED PARTIES, BUT NOT FROM THEIR GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, GRANTEE THE DISCLAIMERS, AGREEMENTS, AND OTHER THAT **ACKNOWLEDGES** STATEMENTS IN THIS SECTION ARE AN INTEGRAL PORTION OF THIS DEED AND THAT GRANTOR WOULD NOT AGREE TO TRANSFER THE PROPERTY TO GRANTEE FOR THE CONSIDERATION WITHOUT THE DISCLAIMERS, AGREEMENTS, AND OTHER STATEMENTS IN THIS SECTION.

EXECUTED to be effective as of the day of October, 2022.

GRANTOR:

Players I, Ltd, a Texas limited partnership

By: Players, Inc., a Texas corporation,

Its sole General Partner

Rv

Ronny Hecht, President

STATE OF TEXAS

§ 8

COUNTY OF HARRIS

8

This Deed was acknowledged before me on the day of tober 2022, by Ronny Hecht, President of Players, Inc., a Texas corporation, sole General Partner of

Players I, Ltd, a Texas limited partnership.

MARGO NORRIS CHATHAM Notary ID #1917439 My Commission Expires July 30, 2023

Notary Public in and for

State of Texas

Players II, Ltd, a Texas limited partnership

By: Players, Inc., a Texas corporation,

Its sole General Partner

Ronny Hecht, President

STATE OF TEXAS

§ § §

COUNTY OF HARRIS

This Deed was acknowledged before me on the

day of

2022, by Ronny Hecht, President of Players, Inc., a Texas corporation, sole General Partner of

Players II, Ltd, a Texas limited partnership.

MARGO NORRIS CHATHAM Notary ID #1917439 My Commission Expires July 30, 2023

Notary Public in and for State of Texas

After recording, return to Grantee at Grantee's address:

3535 W 12th LLC 3315 W 12TH ST HOUSTON, TX 77008

Exhibit A

Being a tract of land containing 0.2537 acre (11,052 square feet), located in the John Reinerman Survey, Abstract Number 642, in Harris County, Texas; Said 0.2537 acre being out of a called 5.277 acre tract of land described as Tract 1 and recorded in the name of Joseph T. Ryerson & Son, Inc., in Harris County Clerk's File Number (H.C.C.F. No.) RP-2022-308201; Said 0.2537 acre tract being more particularly described by metes and bounds as follows (all bearings are referenced to the Texas Coordinate System of 1983, South Central Zone):

BEGINNING, at a 5/8-inch capped iron rod found at the northwest corner of said 5.277 acre tract and the herein described tract, same being the northeast corner of Unrestricted Reserve "A", of West Twelfth Business Park, a subdivision of record in Film Code (F.C.) No. 687345, of the Harris County Map Records (H.C.M.R.), on the south Right-of-Way (R.O.W.) line of West 12th Street (sixty feet wide per Volume 1871, Page 177, of the Harris County Deed Records (H.C.D.R.));

THENCE, North 87° 58' 07" East, with the north line of said 5.277 acre tract and with the south R.O.W. line of said West 12th Street, a distance of 28.86 feet to a 5/8-inch capped iron rod set for the northeast corner of the herein described tract, form which a one-inch iron pipe found at the northeast corner of said 5.277 acre tract, at the southwest intersection of said West 12th Street and Seamist Drive (formerly called Glenleigh Drive) (sixty feet wide per Volume 2022, Page 229, of the H.C.D.R.), bears North 87° 58' 07" East, a distance of 631.14 feet;

THENCE, South 02° 04' 44" East, through and across said 5.277 acre tract, a distance of 383.00 feet to a 5/8-inch capped iron rod set on the south line of said 5.277 acre tract and on the north line of a called 1.958 acre tract of land recorded in the name of the Texas and New Orleans Railroad, recorded in Volume 1656, Page 526, of the H.C.D.R., for the southeast corner of the herein described tract;

THENCE, South 87° 58' 07" West, with the south line of said 5.277 acre tract and with the north line of said 1.958 acre tract, a distance of 28.86 feet to a 5/8-inch capped iron rod found at the southwest corner of said 5.277 acre tract, for the southwest corner of the herein described tract;

THENCE, North 02° 04' 44" West, with the west line of said 5.277 acre tract and with the east line of said Unrestricted Reserve "A", a distance of 383.00 feet to the POINT OF BEGINNING and containing 0.2537 acre (11,052 square feet) of land.

Exhibit B

The restrictive covenants recorded in Volume 2551, Page 325, Volume 3234, Page 728 and Volume 5564, Page 155, Real Property Records, Harris County, Texas

An interest in all of the oil, gas and other minerals reserved in instrument filed May 13, 1948, recorded in Volume 1768, Page 142, Deed Records of Harris County, Texas.

An interest in all of the oil, gas and other minerals reserved in instrument filed January 23, 1953, recorded in Volume 2551, Page 325, Deed Records of Harris County, Texas.

An Interest in all of the oil, gas and other minerals reserved in instrument filed October 16, 1956, recorded in Volume 3234, Page 728, Deed Records of Harris County, Texas.

Sanitary Sewer Easement to the City of Houston by instrument filed November 23, 1956, recorded in Volume 3253, Page 593, Deed Records of Harris County, Texas.

Location of and rights of the owners of the power poles and overhead utility lines along the east property line.

Rights or claims, if any, of adjoining property owner(s) in and to that portion of insured property, lying between fence and the east property line.

Location of and rights of the owners of the ditch across the southern portion of the property.

RP-2022-525952
Pages 7
10/26/2022 04:01 PM
e-Filed & e-Recorded in the
Official Public Records of
HARRIS COUNTY
TENESHIA HUDSPETH
COUNTY CLERK
Fees \$38.00

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.



Linishin Hedgelth.
COUNTY CLERK
HARRIS COUNTY, TEXAS

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

§ §

STATE OF TEXES

KNOW ALL PERSONS BY THESE PRESENTS THAT:

Joseph T. Ryerson & Son, Inc., a Delaware corporation ("Grantor"), having a mailing address at 227 W. Monroe Street, 27th Ploor, Chicago, IL 60606, Attn: Mark Silver, Executive Vice President, General Counsel & Chief HR Officer, for and in consideration of the sum of \$10.00 and other valuable consideration paid to Grantor by Players I, Ltd., a Texas limited partnership, as to a 75% undivided interest, and Players II, Ltd., a Texas limited partnership, as to a 25% undivided interest, as tenants in common (together, "Grantee"), having a mailing address at 5433 Westheimer, Suite 870, Houston, Texas 77056, the receipt and sufficiency of which are hereby acknowledged, and upon and subject to the exceptions, encumbrances, terms and provisions hereinafter set forth and described, has GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents does hereby GRANT, BARGAIN, SELL and CONVEY, unto Grantee and its successors and assigns forever, the real property located in Harris County, Texas described on Exhibit "A" attached hereto and incorporated herein by reference for all purposes, together with (a) all improvements situated thereon, (b) all rights, tenements, hereditaments, easements, development permits, utility allocations, and appurtenances pertaining thereto, and (c) all of Seller's right, title and interest in and to the adjacent streets, alleys, and rights-of-way (collectively, the "Property").

This Special Warranty Deed and the conveyance hereinabove set forth is executed by Grantor and accepted by Grantee subject to all matters of fact and record to the extent the same are applicable to the Property (hereinafter referred to collectively as the "Permitted Exceptions").

TO HAVE AND TO HOLD, the Property unto Grantee and its successors and assigns forever. The Grantor shall warrant and defend title to the Property unto the Grantee, against every person lawfully claiming or to claim the whole or any part thereof by, through, or under the Grantor, but not otherwise; provided that Grantor's covenant to warrant and defend title to the Property shall not extend to the matters set forth as Permitted Exceptions.

By acceptance of this Deed, Grantee assumes payment of all property taxes on the Property for the year 2022 which have been prorated as of the date this Deed is recorded and for subsequent years; and by acceptance of this Deed, Grantee further acknowledges and agrees as follows:

1. Grantee agrees that; (a) Grantee is not relying on any representation or warranty of Grantor, or of any agent, employee, representative or officer of Grantor, to purchase the Property, except as may be set forth in Section 11(a) of the Purchase and Sale Agreement by and between Grantor and Grantee dated as of May 6, 2022 (the "PSA") and except as may be set forth in this Deed or any closing documents delivered by Grantor to Grantee in connection with Grantor's delivery of this Deed; and (b) Grantee acknowledges that Grantee has had the opportunity to satisfy itself, pursuant to the terms of the PSA, that (1) that there is no defect or condition which is unacceptable to Grantee, (2) whether any portion of the Property lies in any flood plain, floodway or special flood hazard area, (3)

whether any geological fault or unsatisfactory soil condition exists on any portion of the Property, and (4) that all environmental conditions relating to the Property are acceptable to Grantee.

2. THE GRANTEE ACKNOWLEDGES THAT IT HAS INSPECTED THE PROPERTY PURSUANT TO THE TERMS OF THE PSA, AND THAT EXCEPT AS PROVIDED IN SECTION 11(a) OF THE PSA AND/OR THIS DEED AND/OR THE CLOSING DOCUMENTS DELIVERED BY GRANTOR TO GRANTEE IN CONNECTION WITH GRANTOR'S DELIVERY OF THIS DEED, THE GRANTOR IS CONVEYING THE PROPERTY TO THE GRANTEE "AS IS," "WHERE IS," AND "SUBJECT TO ALL FAULTS." WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THE GRANTOR HEREBY EXPRESSLY DISCLAIMS AND NEGATES (AND THE ANY COVENANT, EXPRESSLY WAIVES) GRANTEE HEREBY REPRESENTATION OR WARRANTY, WHETHER EXPRESSED, IMPLIED OR ARISING AT COMMON LAW, BY STATUTE OR OTHERWISE, EXCEPT AS MAY EXPLICITLY BE SET FORTH IN SECTION 11(a) OF THE PSA AND/OR THIS DEED AND/OR THE DOCUMENTS DELIVERED BY GRANTOR TO GRANTEE IN CONNECTION WITH DELIVERY OF THIS DEED RELATING TO: (A) THE ACCURACY OR COMPLETENESS OF ANY DATA, INFORMATION OR RECORDS WHICH MAY HAVE BEEN COMPILED BY, OR FOR THE BENEFIT OF, THE GRANTOR RELATING TO THE OPERATION AND OWNERSHIP OF THE PROPERTY; (B) THE CONDITION OR QUALITY OF THE PROPERTY, INCLUDING (WITHOUT LIMITATION) LATENT DEFECTS; (C) THE COMPATIBILITY OR CONFORMITY OF THE ACCESSORIES OR ANY OTHER COMPONENT OF THE PROPERTY TO DESCRIPTIONS, MODELS OR SAMPLES OF MATERIALS; (D) THE FITNESS, HABITABILITY, MERCHANTANTABILITY OR SUITABILITY OF THE PROPERTY FOR ANY PARTICULAR PURPOSE; AND (E) INFRINGEMENT ON ANY INTELLECTUAL PROPERTY OR PROPRIETARY DATA OF ANY THIRD PARTY, OR TITLE TO THE PROPERTY OR ANY PART THEREOF, EXCEPT FOR SECTION 11(a) OF THE PSA AND/OR THE SPECIAL WARRANTY OF TITLE INCLUDED IN THIS DEED DELIVERED AND/OR THE CLOSING DOCUMENTS DELIVERED BY GRANTOR TO GRANTEE IN CONNECTION WITH GRANTOR'S DELIVERY OF THIS DEED.

[signature and acknowledgment follow]

IN WITNESS WHEREOF, Grantor has executed this instrument as of June 2 2022, and has caused this instrument to be delivered and effective for all purposes as of June 3, 2022.

Joseph T. Ryerson & Son, Inc., a Delaware corporation,

By: Restrict forces
Name: Christopher Pavia
Title: Asst. Treasurer

STATE OF WINDIS

COUNTY OF COCK

June 8, 2022

BEFORE ME, the undersigned authority, on this day personally appeared Christian, the Assistance of Joseph T. Ryerson & Son, Inc., a Delaware corporation, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that the same is the act of said entity.

Notary Public, State of //Inul

SANDY ACOSTA Official Seal Notary Public - State of Illinois My Commission Expires Aug 30, 2023

AFTER RECORDING, RETURN TO:

Ross, Banks, May, Cron & Cavin, P.C. 7700 San Felipe, Suite 550

Houston, TX 77063 Attn: Jim Lombardi

EXHIBIT "A"

(LEGAL DESCRIPTION)

-TRACT I:

Boleg apont of a 135,919 and instant of the John Reinstrom Hurrey, Abstract No. 542, in Haris County, Texas, conveyed to Hugh January, by life Strekt Helberg, et al, by Doed dated April 6, 1948, and seconded in Volume 1768, Page 142, of the Doed Rescrib of Music County, Texas, and also being the mast of land conveyed to Dig Times Walding Equipment Company, a Texas corporation, by Nilvagen Cit Well Service Company, a Texas corporation, by Nilvagen Cit Well Service Company, a Texas corporation, recorded in Volume 5234, Page 125, of the Doed Rescribe of Harris County, Texas, being more fully described as follows:

EPGIMMING at a Linch from pipe found at the floodinest corner of the broasection of 19th Shant and Stamful Superification and Stamful Superification of Epilopian from Hugh January to the Public, delete Operation 23, 1943, recorded in the Dred Records of Floods Chumby, Toxic, said 1 linch from pipe marking the Northeast corner of this tract;

THENCH along the West line of Semain Sport (Directly called Cloploigh Drive), \$ 50 day, \$1 min. 69 sec. W. a. thurstee of 216.00 that to the most Review South carner of this tract, sold colour slap being the Manhaust feature of a 0.52 goes tract conveyed to Hig Three Walding Haplanest Company, a Texas companition, by Deed mandari in Volume 5564, Page 153, of the Deed Records of Hamb County, Texas;

THENCH slong the North Hac of said 0.52 ares track, 1769 day, 26 rain, 00 sec. W, a distance of 150,60 fact a an Interior corner of lide twoi, said conter also being the Northwest corner of said 0.52 acre track

THENCIS S 00 day, 31 rds. 05 sec. W, along the West line of sold 0.52 sene treet, at a distance of 150.00 feet peed the Southwest comer of sold 0.52 sect assot, continuing in all a total distance of 167.00 feet to the information of the West line of this treet with the South line of a 17 feet exemper sources to the M.K. & T. Relieved Company by Deed recorded in Volume 1605, Page 153, for the Southeast context of this treet

THENCH along the Houd: Une of militalizate excurent, 1789 day. 26 min. CQ sec. W. a distance of \$10.00 feated the Southwest corner of this week.

THEMOUN OF Cog. 31 min. 09 sec. E. parallel to and a distance of 660.00 fort from the West line of Seamink Street (Seamenty called Clanisigh Drive), a distance of 983.00 for to the Northwest conner of this treety

THENCE E ES day. 25 min. 40 day. II, along the South Her of 12th Errort, a distance of 560.10 that to the POINT OF BECKNING and combining 227,730.00 square fact of 5.227 mass.

TRACT 2:

Being a part of a \$16.549 acres inset out of the John Reinstein Stavey, Abstract No. 642, in Buris Cruity, Teom, conveyed to High January, by Bila Streit Helberg, et al. by Doed deted April 6, 1948, and receded in Volume 1768, Page 142, of the Doed Records of Hards County, Texas, and also deing the tract of lead conveyed to Big Three Welding Happenest Company, a Texas conparation, by Microgen Cil Well Service Company, a Texas corporation, recorded in Volume 5364, Page 155, of the Doed Records of Hards County, Texas, being more faily described as indicate.

COMMENCENS at a 1 inch from pipe found at the Southwest conver of the intersection of 12th Shoot and Seamlet Sinces (formerly collect Clearleigh Drive), buing more fully described in Dead of Declaration from Hagh James y the Public, deled December 22, 1948, recorded in the Dead Records of Hearle County, Toxos;

THENCE along the Wortline of Scamlet Street (Amen'n) ceiled Giordelph Drive), S 00 deg. 31 min. Of sea, W, a distance of 716.65 feet to the PCINT OF BEGENVING and the Northeast contenes this treet.

THERES confineling sleng the West line of Seement Street (formarly collect Glenleigh Iniva), \$ 00 deg. \$1 min. 69 150. W. a distance of 150.00 fest to the intersection of the West line of Seemist Street (formally called Glenleigh Dutys), with the North line of a 17 foot meanment conveyed to the MIK. & T. Railroad Company by Deed recorded in Volume 1605, Page 153, for the Seedbeast corner of this most;

THENCH along the North line of said pathord essenced, N 49 day, 25 min. 40 sec. W, a distance of 150.00 kel to the Southwest courses of this tract;

THENCE N 60 day. 31 min. 69 sec. B, parallel to and a distance of 150.00 fact from the West line of Semnist Eirest (formerly called Claubigh Drive), a distance of 150.00 fact to the Northwest countr of this tendy.

THEOREM 3 89 dog: 25 min. 60 sec. B, panelled to said a distance of 150.00 feet from the North-line of said subcast community a distance of 150.00 feet to the POINT OF REGINNING and commining 22,500.00 equate fact or 0.517 RP-2022-311983
Pages 6
06/15/2022 01:51 PM
e-Filed & e-Recorded in the
Official Public Records of
HARRIS COUNTY
TENESHIA HUDSPETH
COUNTY CLERK
Fees \$34.00

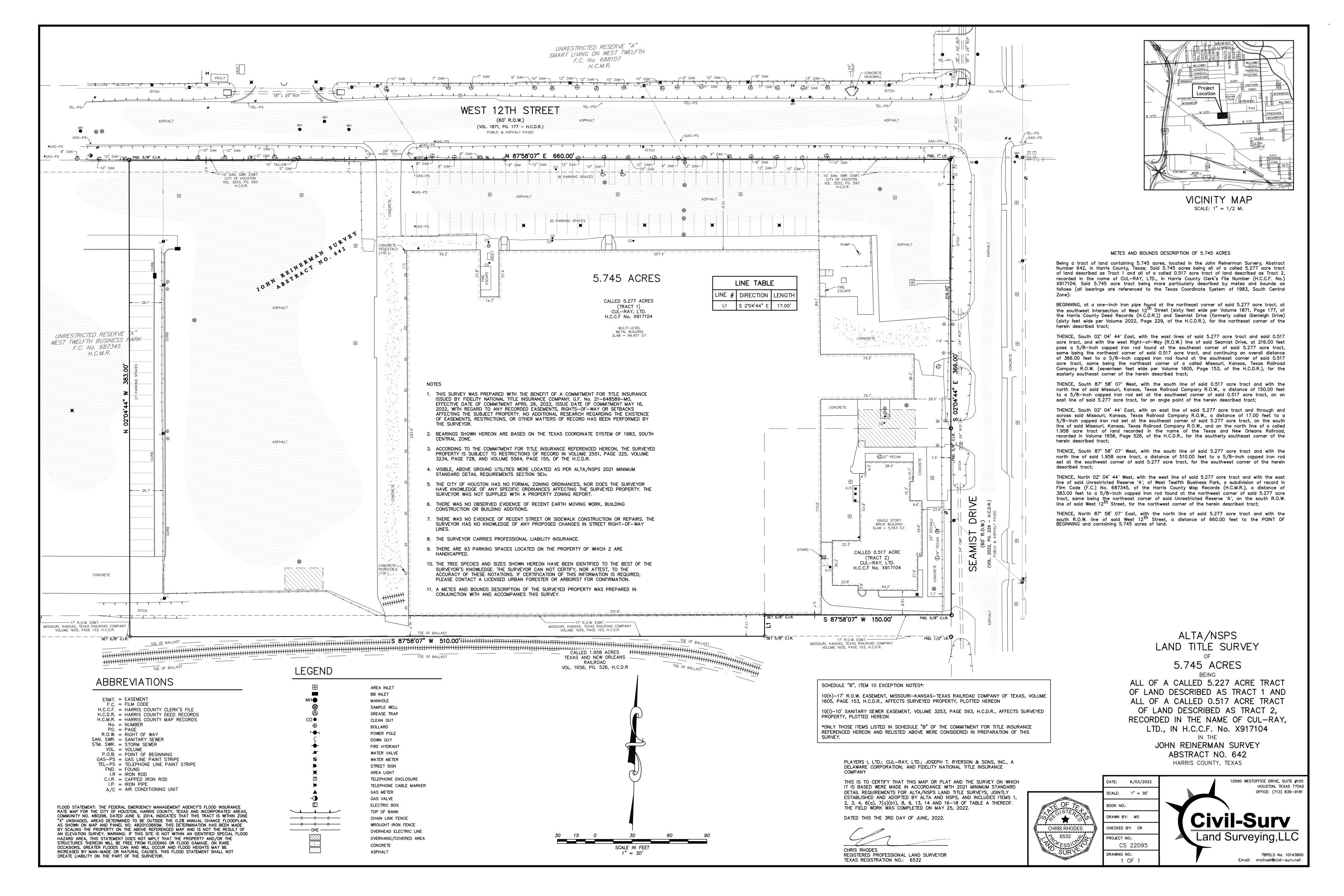
RECORDERS MEMORANDUM
This instrument was received and recorded electronically
and any blackouts, additions or changes were present
at the time the instrument was filed and recorded.

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.

OF HAMAIT GOUNTY, IN THE PROPERTY OF THE PROPE

Junishin Hedgelh COUNTY CLERK HARRIS COUNTY, TEXAS



Appendix B – Property Use_

The following is a description of the current land use and, to the extent known, the anticipated uses of the designated property and surrounding properties located within 500 feet of the designated property boundary.

Current and Anticipated Land Use of the Designated Property

The approximately 5.745-acre designated property comprises two parcels owned by three entities: Players I, Ltd., Players II, Ltd., and 3535 West 12th, LLC. The IHW SWR property is further divided into two tracts of land (Tracts 1 and 2), which are described below.

• Tract 1 comprises ±5.491 acres of unoccupied commercial land developed with an approximately 99,457 square foot (sq-ft) commercial building on the central portion and an approximately 5,563 sq-ft office building on the southwest portion. The commercial building comprises an office area and a warehouse divided into six bays (Bays 1 through 6). A shipping/receiving office, break room, equipment room, and maintenance shops are located in the northern portions of Bays 2 through 5. The warehouse was formerly used for on-site commercial/industrial operations including welding equipment manufacturing and steel fabrication. However, the exact historical operations of most of the former tenants are unknown. Presently, the warehouse stores vehicles, including automobiles, motorcycles, tow trucks, recreational vehicles (RVs), jet skis, and a boat. The office building is unoccupied and comprises several administrative offices, a lobby, and restrooms. An unused railroad spur traverses east-to-west through the southern part of the warehouse and extends outside of the building to the west but is no longer connected to a main railroad line.

A 1,400 sq-ft, free-standing, corrugated metal canopy is located on the eastern portion of the designated property. A similar 560 sq-ft canopy with three walls is situated on the southwest part of the designated property. The canopies are not in use. The remainder of Tract 1 comprises concrete- or asphalt-paved parking and driving areas, an unused laydown yard covered in bare soil and remnant asphalt, and landscaped areas. Players I, Ltd. has 75% ownership, and Players II, Ltd. has 25% ownership of Tract 1.

Tract 2 comprises ±0.2537 acres of commercial land adjacently west of Tract 1. Tract 2 is developed with asphalt- or concrete-paved parking and driving areas used by the west-adjacent multi-tenant office building. Presently, 3535 West 12th, LLC has 100% ownership of Tract 2.

The future use of the designated property is unknown and may remain commercial or be redeveloped for residential use. A boundary survey and metes and bounds descriptions of the designated property are included in *Appendix A*.

According to the United States Geological Survey (USGS) Houston Heights 7.5-minute topographic quadrangle map of the area, the approximate elevation of the designated property is 65 feet above mean sea level (AMSL) (see *Figure C.1*). The topography of the designated property is relatively flat (i.e., no significant slope direction or grade). Moreover, there are no significant topographic features located on or near the designated property that affect chemical

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023 of concern (COC) distribution on the designated property. The closest surface water body to the designated property is White Oak Bayou, a freshwater stream located approximately 4,920 feet northeast of the designated property.

The designated property is located in the Whiteoak Bayou-Buffalo Bayou Watershed. According to the Federal Emergency Management Agency (FEMA) Federal Insurance Rate Map (FIRM) No. 48201C0665M (dated June 9, 2014), the designated property is classified as Zone X (unshaded) and is determined by FEMA to be outside the 0.2% annual chance floodplains. A watershed map and a FEMA floodplain map of the area containing the designated property are included as *Figures C.2* and *C.3*, respectively.

According to groundwater level measurements collected by SKA for the designated property in June, September, and December 2022 and March 2023, the groundwater flow direction at the designated property generally varies between south-southeast to south-southwest with a hydraulic gradient ranging from approximately 0.0012 to 0.0016 feet per foot (ft/ft). Groundwater gradient maps for the designated property are included in *Figures C.6A* through *C.6D*.

<u>Current and Anticipated Land Use of the Surrounding Properties</u>

Properties in the vicinity of the designated property are mixed industrial, residential, commercial, and vacant land. The designated property is bounded to the north by West 12th Street, followed by the Smart Living Heights residential apartment complex (3530 West 12th Street); to the south by an active Union Pacific Railroad (UPRR) right-of-way (ROW) and track, followed by the Timbergrove Trails Townhome Community; to the east by Seamist Drive, followed from north-to-south by vacant land and the Euro-MID, Inc. (a food importer) warehouse distribution facility (1110 Seamist Drive); and to the west by a four-story multi-tenant office building (3535 West 12th Street).

A field receptor survey was performed by SKA on June 7, 2023, to identify potential sensitive receptors within 500 feet of the designated property. During the receptor survey, no hospitals, nursing homes, schools, daycare centers, or churches were observed within 500 feet of the designated property. As such, no sensitive receptors are located within 500 feet of the designated property. A map detailing the land use of the surrounding properties within 500 feet of the designated property is presented in *Figure C.4*. The future land use in the area of the designated property is anticipated to remain mixed commercial and residential.

Water Wells

According to records obtained from Environmental Risk Information Services (ERIS), approximately 1,197 registered/permitted water wells are reportedly located within a 5-mile radius of the designated property. Of these, 22 are reportedly located within a 0.5-mile radius of the designated property. Some of the water well listings within a 0.5-mile radius of the designated property are duplicates of the same water well, leaving only 19 water wells located within a 0.5-mile radius of the designated property. Of these 19 water wells, eight are reportedly plugged or destroyed, and one was reportedly not drilled. Of the remaining ten water wells, seven are located in the hydrogeologically downgradient direction from the designated property. The available details regarding the seven downgradient water wells (Map ID Nos. 2B, 4, 8A, 8B, 8C, 11,12, and 13A in the ERIS Half-Mile MSD Report) located within a 0.5-mile radius of the designated property are summarized below.

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023

- One private drinking water well (Map ID No. 2B) was identified approximately 1,500 feet southwest of the designated property. This private drinking water well is screened between 160 to 180 feet below ground surface (ft-bgs), 255 to 285 ft-bgs, 345 to 360 ft-bgs, 370-400 ft-bgs, and is cemented between 0 and 15 ft-bgs. The uppermost GWBU in the area of the designated property is identified between 20 and 30 ft-bgs; as such, this private drinking water well is not producing from or connected to the affected shallow GWBU.
- One private drinking water well (Map ID No. 4) was identified approximately 1,590 feet south of the designated property. This private drinking water well is screened between 28 and 38 ft-bgs and is cemented between 0 to 5 ft-bgs; as such, this private drinking water well could produce from the affected shallow GWBU.
- Three industrial water wells (Map ID Nos. 8A, 8B, and 8C) were identified approximately 1,950 feet south of the designated property. The three industrial water wells are screened between 410 to 430 ft-bgs, 345 to 360 ft-bgs, and 233 to 248 ft-bgs, respectively; 8A is cemented between 0 to 405 ft-bgs, and 8C is cemented between 0 to 233 ft-bgs. As such, these three industrial water wells are not producing from the affected shallow GWBU.
- One private drinking water well (Map ID No. 11) was identified approximately 1,900 feet southwest of the designated property. This private drinking water well is screened and cemented between unknown depths; as such, it is unknown whether this private drinking water well is producing from or connected to the affected shallow GWBU.
- One industrial water well (Map ID No. 12) was identified approximately 2,300 feet south
 of the designated property. This industrial water well is screened between 310 and 320
 ft-bgs and is cemented between an unknown depth; as such, this private drinking water
 well is not producing from or connected to the affected shallow GWBU.
- One irrigation water well (Map ID No. 13A) was identified approximately 2,630 feet south-southwest of the designated property. This irrigation water well is screened and cemented between unknown depths; as such, it is unknown whether this irrigation water well is producing from or connected to the affected shallow GWBU.

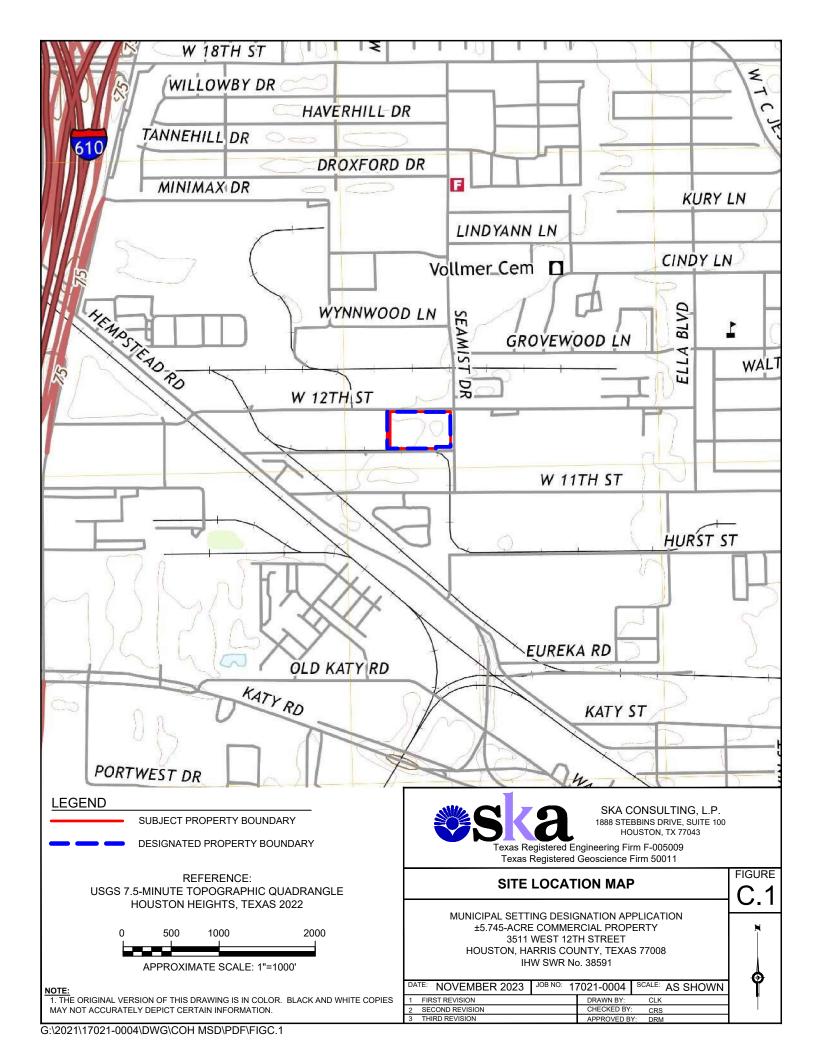
Based on their distances from the designated property and/or the lateral delineation of the contaminant plume in all directions at the designated property, the downgradient water wells listed above are not affected or potentially affected by the documented groundwater impacts at the designated property.

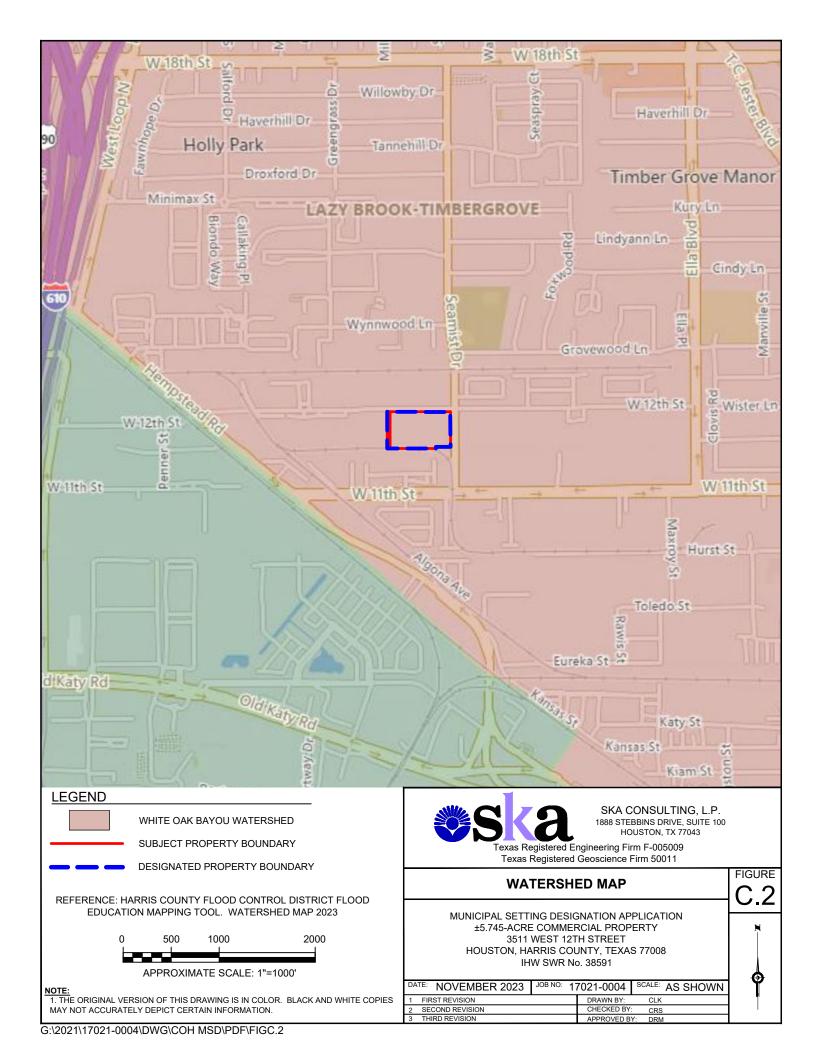
The remaining three water wells located within a 0.5-mile radius of the designated property are located hydrogeologically crossgradient to upgradient of the designated property. The groundwater impacts of the designated property are delineated in the directions of these crossgradient to upgradient water wells. As such, these three water wells are not affected or potentially affected by the documented groundwater impacts at the designated property.

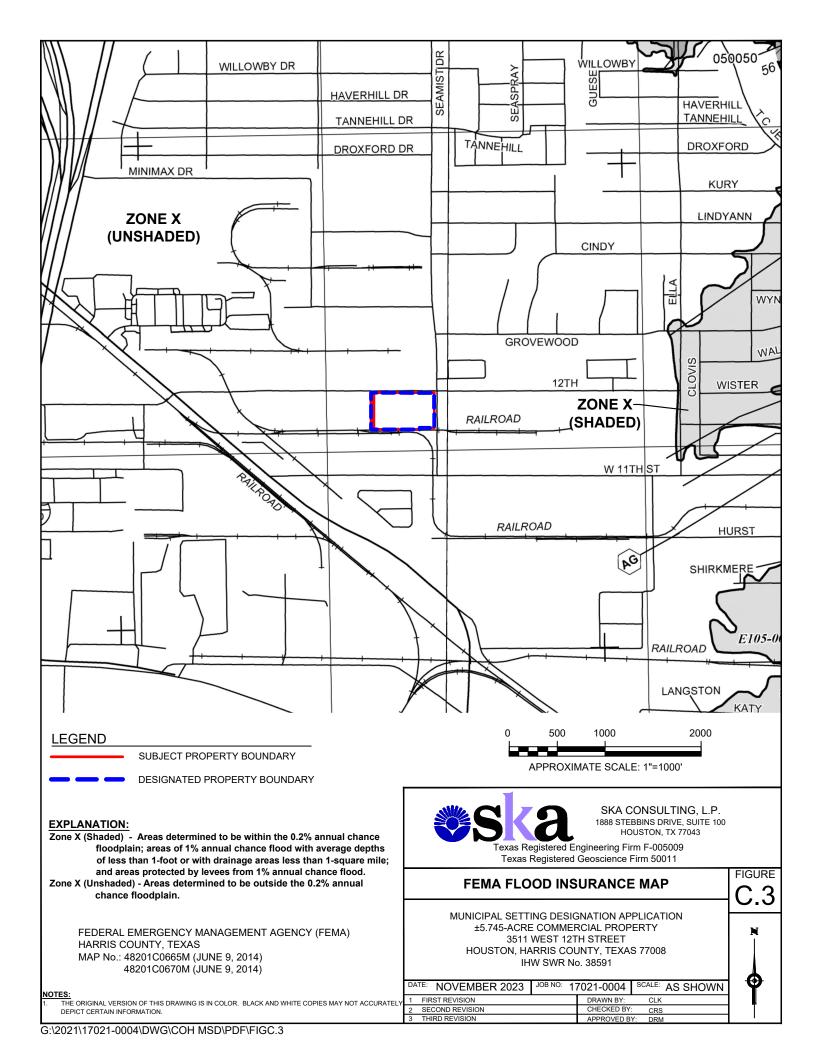
Appendix C - Site Maps_

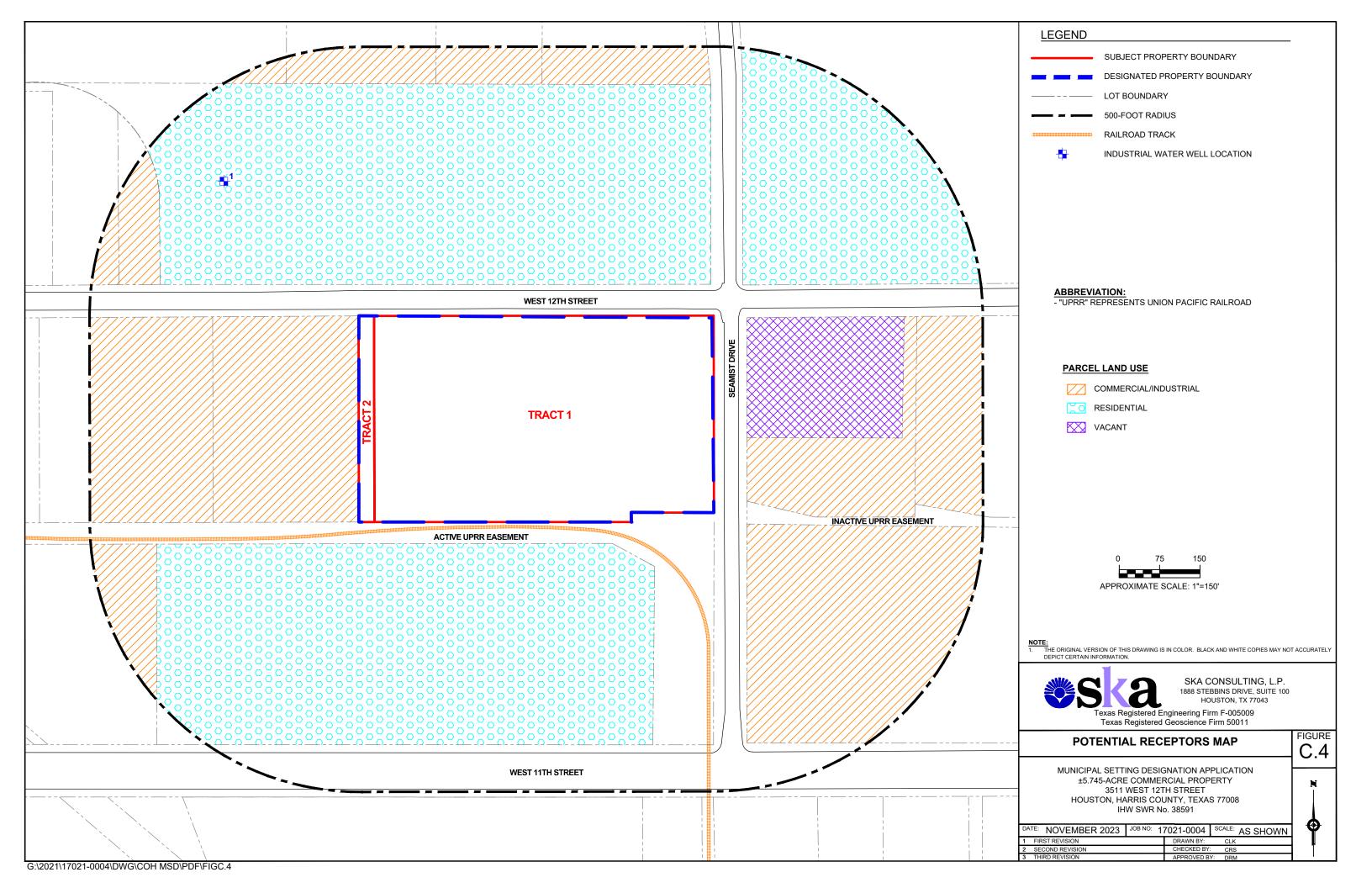
The following figures are included in *Appendix C*:

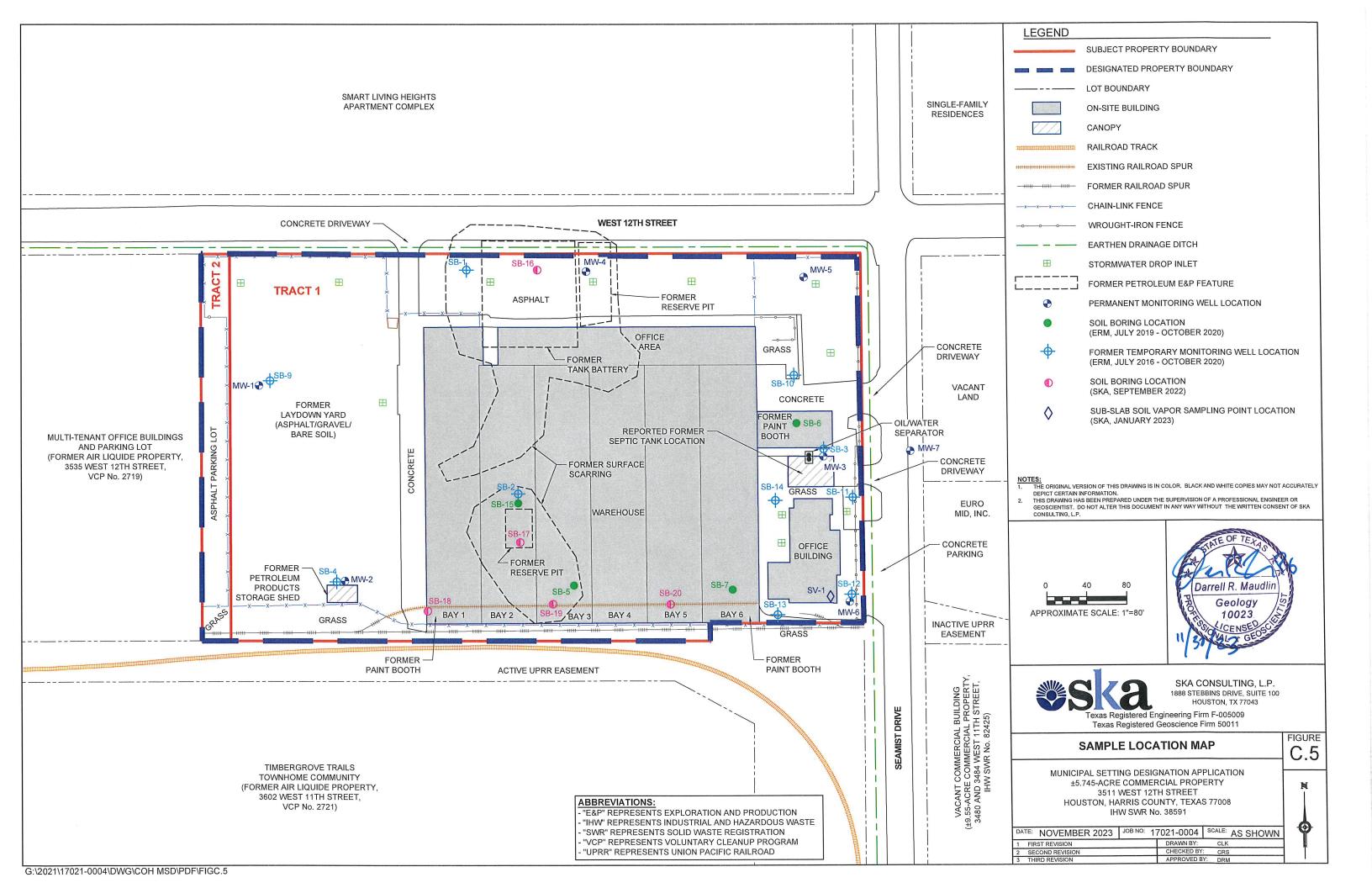
•	Figure C.1	Site Location Map
•	Figure C.2	Watershed Map
•	Figure C.3	Floodplain Map
•	Figure C.4	Potential Receptors Map
•	Figure C.5	Sample Location Map
•	Figure C.6A	Groundwater Gradient Map – June 6, 2022
•	Figure C.6B	Groundwater Gradient Map - September 27, 2022
•	Figure C.6C	Groundwater Gradient Map - December 12, 2022
•	Figure C.6D	Groundwater Gradient Map – March 21, 2023
•	Figure C.7	Groundwater COC Concentration Map

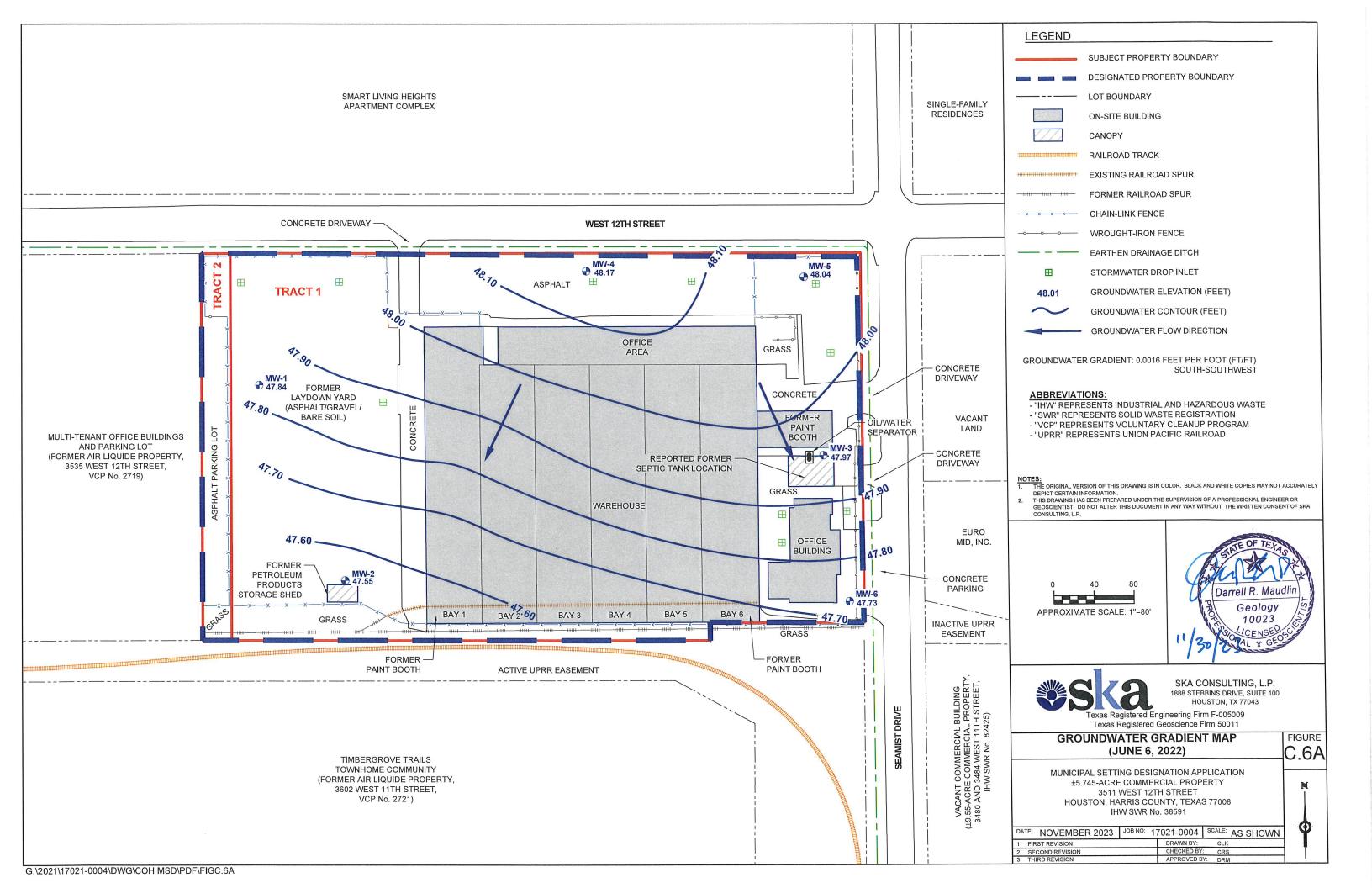


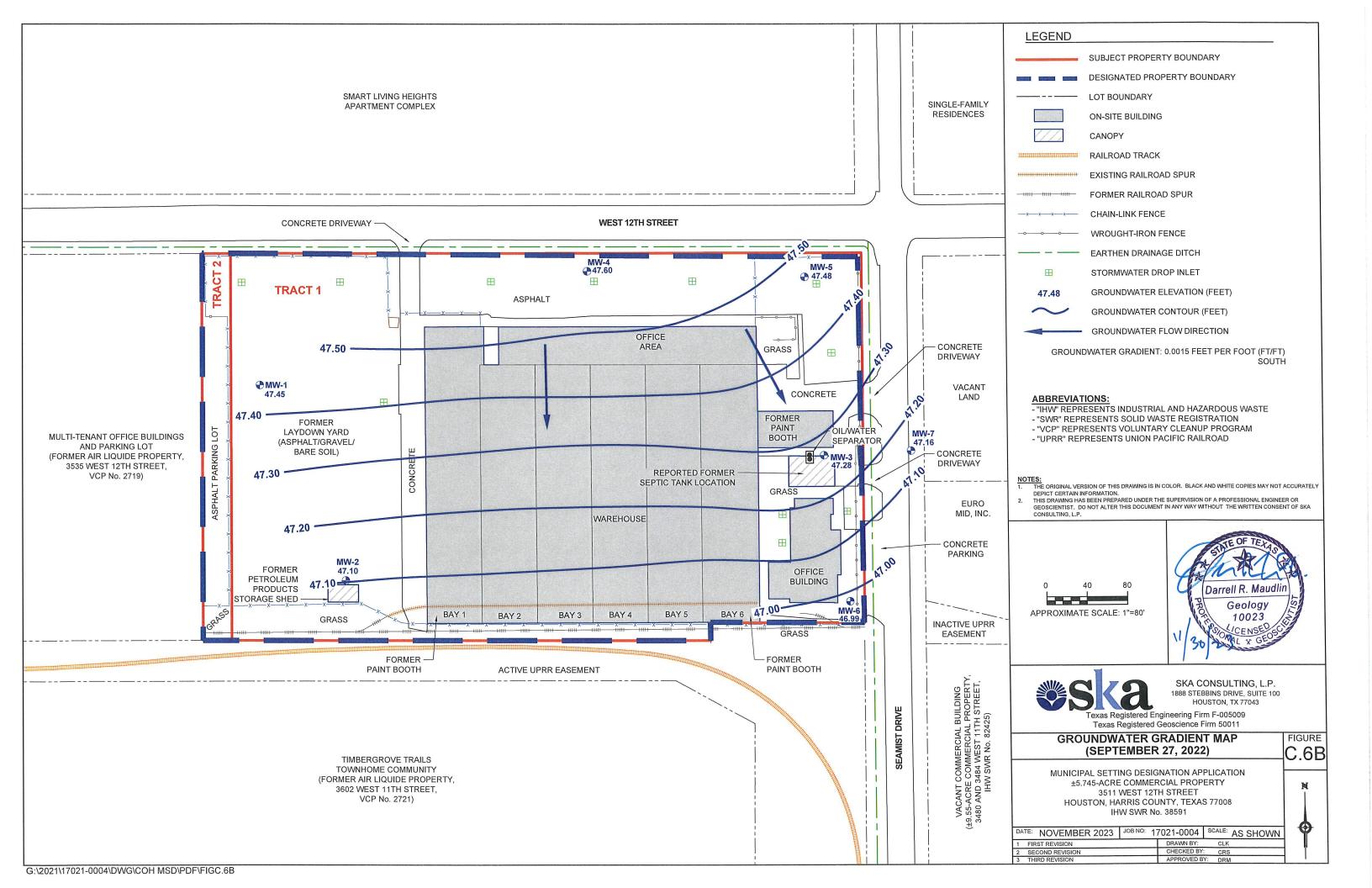


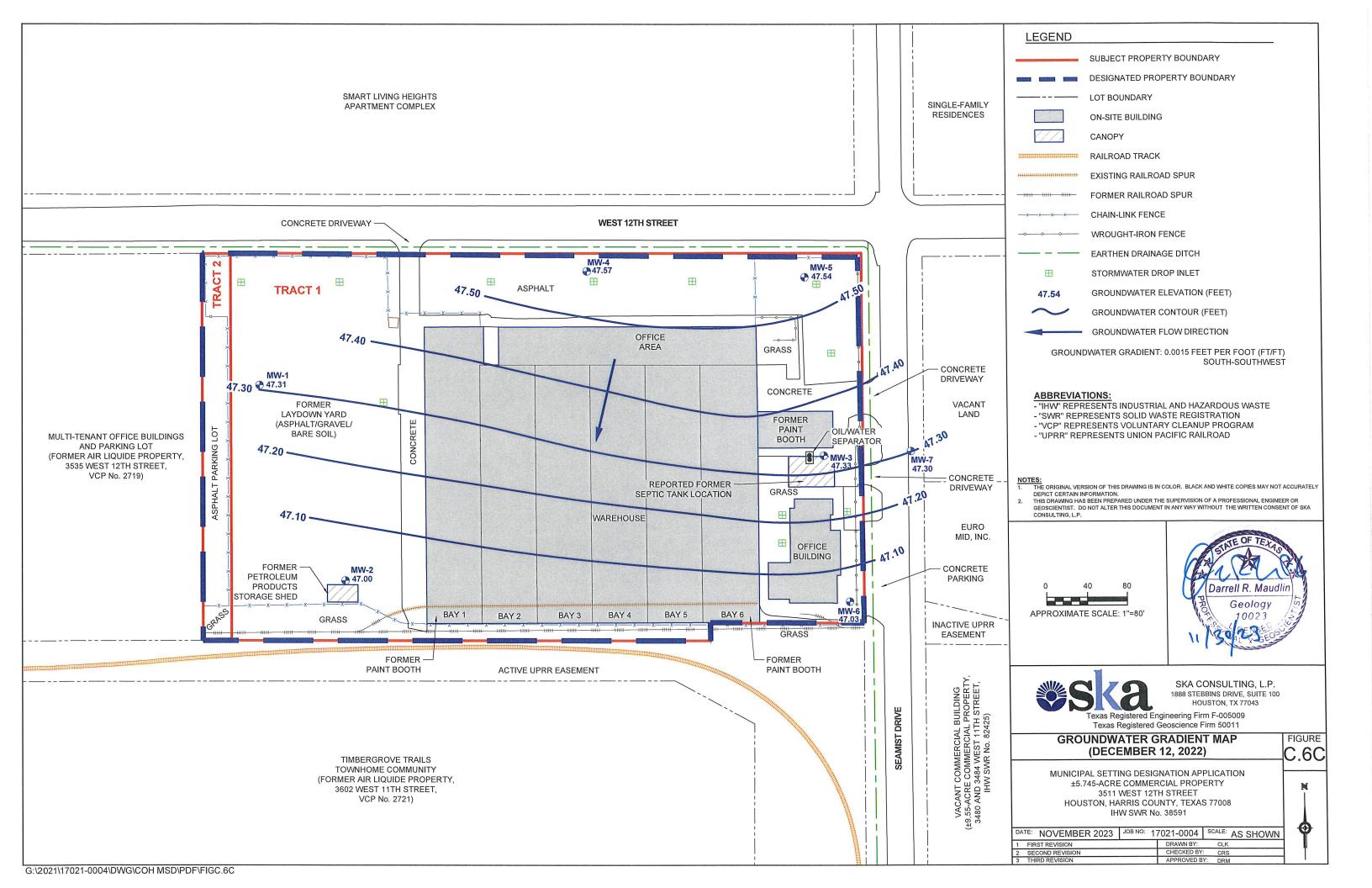


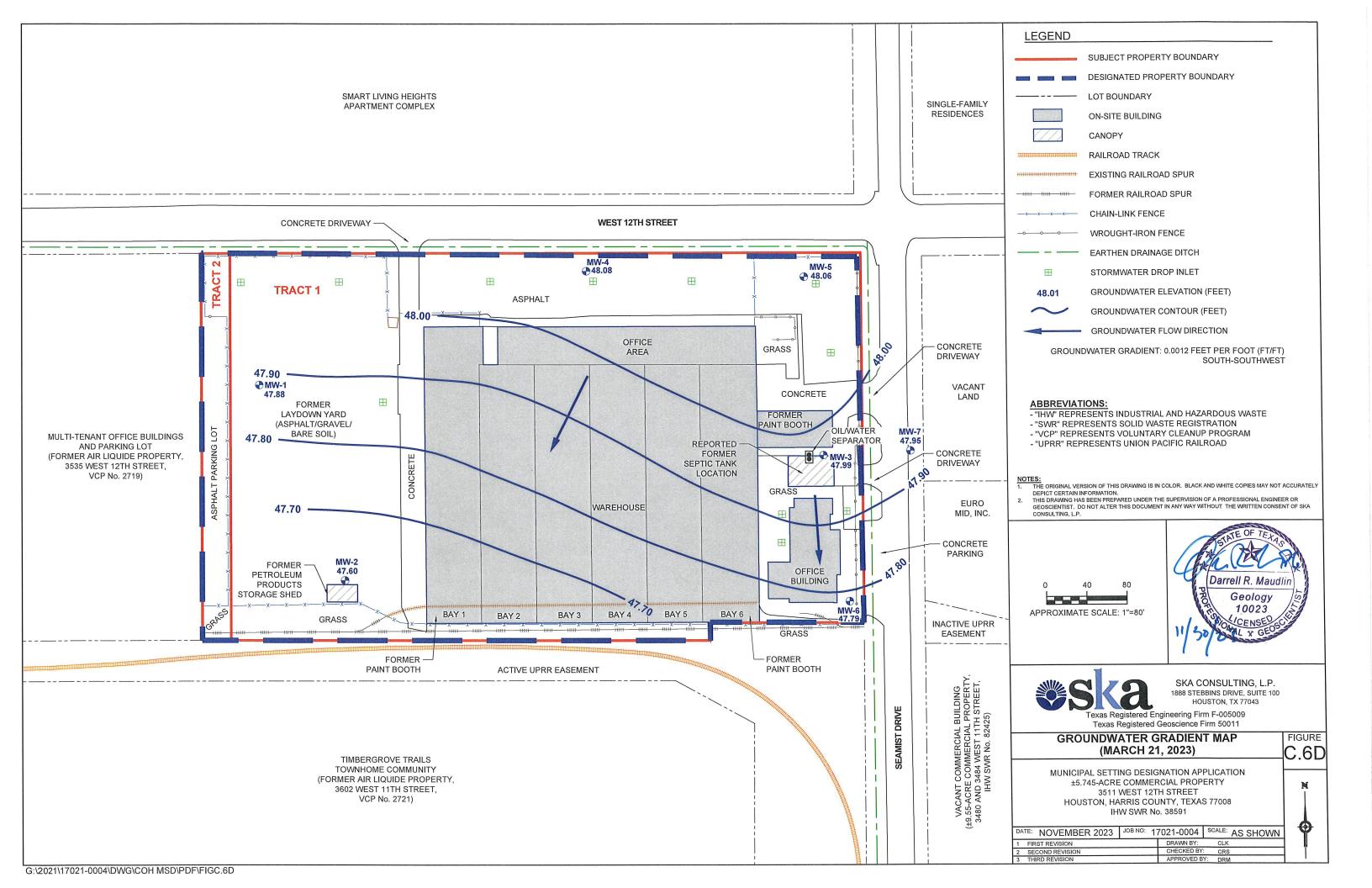


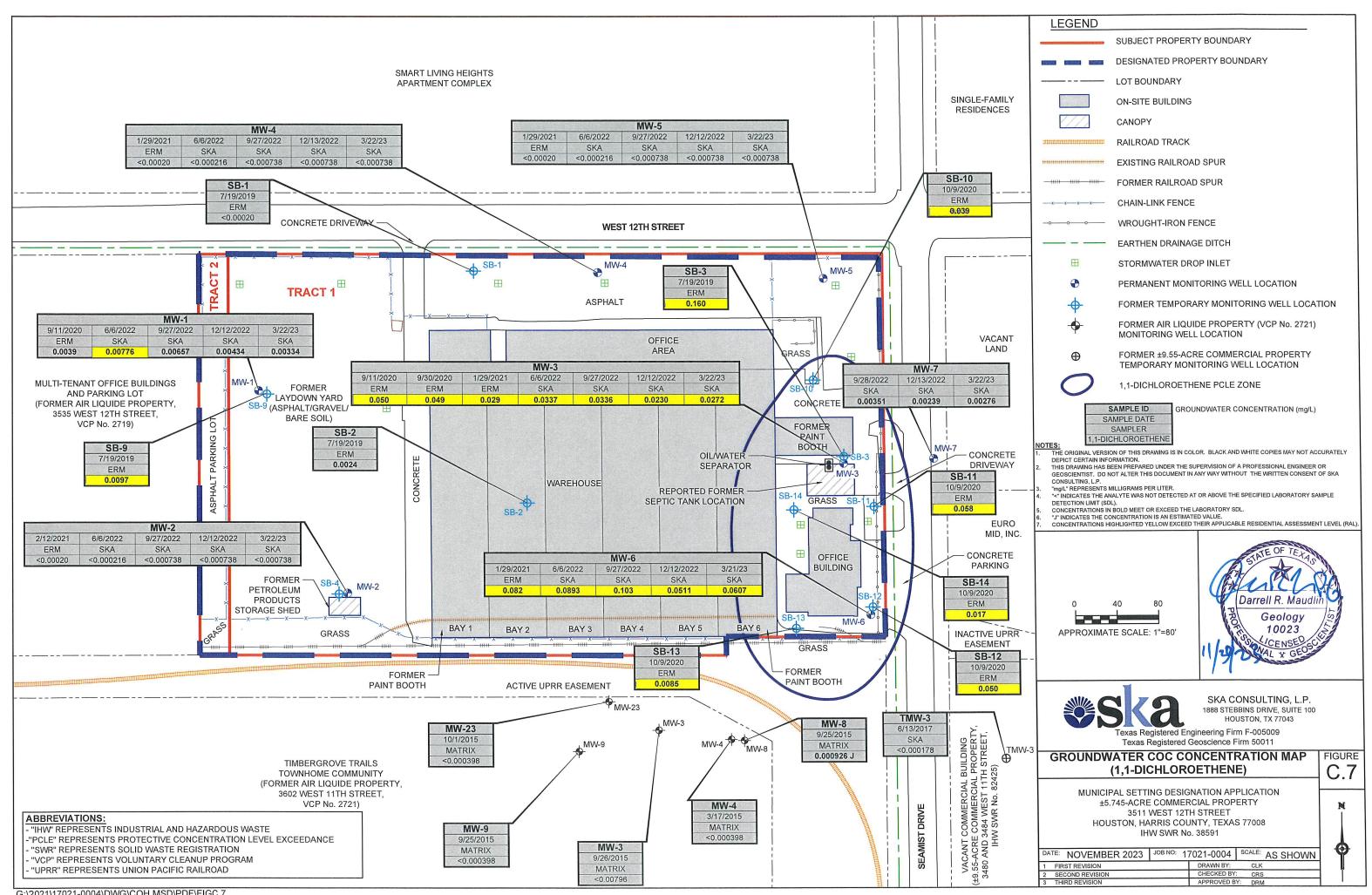












Appendix D – COCs in Designated Groundwater_

A summary of the COCs currently present in the groundwater of the designated property follows. Maps showing the current concentrations of COCs in the shallow GWBU are provided in *Appendix C*, and summary tables of all groundwater sampling and analysis results obtained for the designated property are provided as *Table G.2* in *Appendix G*.

Ingestion PCLE Zones in Designated Groundwater

COCs detected in the uppermost GWBU on the designated property include the following:

- Volatile organic compounds (VOCs) specifically, acetone, benzene, chloroform, 1,1-DCA, 1,1-DCE, cis-1,2-dichloroethene (cis-1,2-DCE), ethylbenzene, methylcyclohexane, methyl tert-butyl ether (MTBE), trichloroethene (TCE), vinyl chloride, m,p-xylene, and total xylenes
- Semi-volatile organic compounds (SVOCs) specifically, acetophenone, anthracene, benzo(a)pyrene, 1,1'-biphenyl, bis(2-ethylhexyl)phthalate, caprolactam, dibenzofuran, diethyl phthalate, di-n-butyl phthalate, di-n-octyl phthalate, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, phenol, and pyrene

The only COC concentration detected in the uppermost GWBU at the designated property exceeding its TRRP Tier 1 Residential ^{GW}GW_{Ing} PCL was 1,1-DCE.

Further discussions regarding the TRRP groundwater ingestion PCLE zone follow. The locations of the groundwater PCLE zone are shown in *Figure C.7* in *Appendix C*.

1,1-DCE PCLE Zone

The 1,1-DCE PCLE zone in the uppermost GWBU encompasses monitoring wells MW-3 and MW-6 only. The maximum concentration of 1,1-DCE identified in groundwater on the designated property was detected in a groundwater sample collected from monitoring well SB-3_GW in July 2019, which exhibited a 1,1-DCE concentration of 0.160 milligrams per liter (mg/L), exceeding its TRRP Tier 1 Residential ^{GW}GW_{Ing} PCL of 0.007 mg/L. The 1,1-DCE PCLE zone encompasses approximately 40,000 square feet.

Due to elevated 1,1-DCE concentrations in groundwater, SKA collected a sub-slab vapor sample within the on-site office building on the southwest portion of Tract 1 of the designated property. The laboratory analytical results revealed that chlorinated volatiles in groundwater do not pose a significant risk for vapor intrusion at the designated property. The vapor sample locations are shown in *Figure C.5*, and the details of the vapor intrusion assessment were presented in an Affected Property Assessment Report (APAR) submitted to the TCEQ in July 2023.

COC Chemical Properties

The chlorinated solvent, 1,1-DCE, detected in the uppermost GWBU at the designated property, is based on the ethene molecular structure (two doubled-bounded carbon atoms). The 1,1-DCE is present in the groundwater in the dissolved phase, and no direct evidence of non-aqueous phase liquid (NAPL) has been observed or detected. Indeed, due to its high density, chlorinated solvent NAPL is considered a dense non-aqueous phase liquid (DNAPL). Typically, dissolved-phase COCs preferentially migrate with groundwater flow. However, DNAPL-phase COCs tend

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023 to migrate vertically and "sink" in GWBUs and can migrate along the dip of geologic contacts, possibly counter to groundwater flow. The monitoring wells installed at the designated property fully penetrate the shallow GWBU, but DNAPL has not been observed in any of the monitoring wells located at the designated property.

Non-Ingestion PCLE Zone in Designated Groundwater

As previously discussed, the only COC detected in the shallow GWBU that currently exceeds its applicable TRRP Tier 1 Residential ^{GW}GW_{Ing} PCLs is 1,1-DCE. This COC does not exceed its applicable TRRP non-ingestion groundwater PCL (i.e., TRRP Tier 1 Residential inhalation of volatiles from groundwater [AirGW_{Inh-V}] PCL for a 0.5-acre source area), as discussed below.

• No detectable concentrations of 1,1-DCE identified in groundwater at the designated property exceed its applicable non-ingestion PCL of 1,700 mg/L. As such, a 1,1-DCE non-ingestion PCLE zone has not been identified on the designated property.

Appendix E – Summary of Soil and Groundwater Data

This appendix summarizes the results of the affected property assessment conducted at the designated property.

Summary of Soil Analytical Results

Between July 2019 and September 2022, a total of nine soil borings (SB-5, SB-6, SB-7, and SB-15 through SB-20) and three temporary monitoring wells (SB-2, SB-3, and SB-4) were installed as part of soil assessment activities at the designated property.

A total of 14 soil samples have been collected from the designated property and analyzed in the testing laboratory for various COCs, including VOCs, SVOCs, total petroleum hydrocarbons (TPH), TPH speciation, Resource Conservation and Recovery Act (RCRA) 8 metals, and/or polychlorinated biphenyls (PCBs). The results of soil assessment activities indicated a 2-methylnaphthalene concentration in temporary monitoring well soil sample SB-2 (12-13 ft-bgs) and TPH concentrations in the C₁₂ to C₂₈ and/or C₂₈ to C₃₅ carbon ranges in soil samples SB-17 (5.5-6.5 ft-bgs), SB-17 (9-10 ft-bgs), and SB-20 (1-2 ft-bgs) exceeding their applicable TRRP Tier 1 Residential soil-to-groundwater ingestion (^{GW}Soil_{Ing}) PCLs. Slightly elevated lead concentrations were also identified in soil borings SB-4 (7-8 ft-bgs) and SB-20 (1-2 ft-bgs), exceeding the TRRP Texas-Specific Soil Background Concentration (i.e., its critical TRRP residential PCL) of 15 milligrams per kilogram (mg/kg).

Per TCEQ RG-366/TRRP-22, dated April 2013, SKA determined site-specific TRRP Tier 3 Residential ^{GW}Soil_{Ing} PCLs for lead and 2-methylnaphthalene to ensure concentrations of the COCs were protective of groundwater. The Tier 3 PCLs are based on the Synthetic Precipitation Leaching Procedure (SPLP) laboratory testing results. Based on the SPLP results, the TRRP Tier 3 Residential ^{GW}Soil_{Ing} PCLs for lead and 2-methylnaphthalene were determined to be 40.9 mg/kg and 26 mg/kg, respectively, and are used as the residential assessment levels (RALs) for lead and 2-methylnaphthalene in surface and subsurface soils at the designated property. None of the detected lead and 2-methylnaphthalene concentrations in soil exceed their applicable RALs.

For the TPH C₁₂ to C₂₈ and/or C₂₈ to C₃₅ carbon ranges exceeding their applicable TRRP Tier 1 Residential ^{GW}Soil_{Ing} PCLs, SKA calculated site-specific TRRP Tier 1 Residential TPH-mixture (TPH_{Mix}) PCLs for soils at the designated property. The TRRP Tier 1 Residential TPH_{Mix} Soil PCLs were calculated based on TPH speciation (TX Method 1006) data for soil sample SB-17 (9-10 ft-bgs) using the TCEQ TRRP Tier 1 TPH PCL Calculator (Version 3.0, dated February 2020). Based on the TPH speciation data, the specific TPH mixtures detected in soil at the subject property are protective of groundwater; therefore, a TPH_{mix} ^{GW}Soil_{Ing} PCL was not calculated. Consequently, the RAL for total TPH in surface soil is based on the TRRP combined soil ingestion, dermal contact, inhalation of volatiles and particulates, and ingestion of aboveground and below-ground vegetables (TotSoilComb) surface soil pathway PCL, which was calculated to be 10,800 mg/kg. The detected total TPH concentrations in surface soil are well below its applicable site-specific RAL of 10,800 mg/kg. Moreover, the RAL for total TPH in subsurface soil is based on the TRRP soil vapor inhalation (AirSoilInh-V) pathway PCL, which was calculated to be 30,300 mg/kg. Based on all detected surface soil TPH concentrations being below the site-specific RALs without an MSD in place, no subsurface soil samples were collected and analyzed from the subject property.

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023 A summary of maximum COC concentrations identified in soil on the designated property compared to both their TRRP Tier 1 ^{GW}Soil_{Ing} and ^{Tot}Soil_{Comb} PCLs, as well as the Tier 3 Residential ^{GW}Soil_{Ing} PCLs for lead and 2-methylnaphthalene, and the TPH_{Mix} PCLs, is included in *Table E.1*.

Summary of Groundwater Analytical Results

Between July 2019 and January 2023, a total of ten temporary monitoring wells (SB-1 through SB-4 and SB-9 through SB-14), six on-site permanent monitoring wells (MW-1 through MW-6), and one off-site permanent monitoring well (MW-7) were installed as part of groundwater assessment activities for the designated property.

Multiple groundwater monitoring events have been conducted for the designated property between July 2019 and March 2023, and the groundwater samples have been analyzed in the testing laboratory for various COCs, including VOCs, SVOCs, TPH, and lead. Elevated 1,1-DCE concentrations were initially identified in 2019 in temporary monitoring wells SB-3 and SB-9 installed on the southeast and west portions of the subject property. These temporary monitoring wells were later replaced with permanent monitoring wells. The results of subsequent groundwater assessment activities performed on the designated property in March 2023 indicate that 1,1-DCE only exceeds its applicable TRRP Tier 1 Residential GWGW_{Ing} PCL in permanent monitoring wells MW-3 and MW-6. Indeed, the elevated 1,1-DCE groundwater plume encompasses monitoring wells MW-3 and MW-6 only, located adjacent to and hydrogeologically downgradient of a sole on-site oil/water separator on the east portion of the designated property.

A summary of maximum COC concentrations identified in groundwater on the designated property compared to both their ^{GW}GW_{Ing} and ^{Air}GW_{Inh-V} PCLs is included in *Table E.2*.

TABLE E.1

SUMMARY OF MAXIMUM SOIL CONCENTRATIONS CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

		MAXIMUM SOIL	CONCENTRAT	TION		RRP TIER 1 L SOIL PCLs
CHEMICALS OF CONCERN	Sample Name	Sample Depth (ft-bgs)	Sample Date	Detected Concentration	Ingestion PCL (Without MSD)	Non-Ingestion PCL (With MSD)
		(It-bgs)		(mg/kg)	^{gw} Soil _{ing} (mg/kg)	^{Tot} Soil _{Comb} (mg/kg)
Acenaphthene	SB-2	12-13	7/18/2019	24	240	3,000
Acenaphthylene	SB-2	12-13	7/18/2019	70	410	3,800
Acetone (2-propanone)	DUP-01 (SB-2)	7-8	7/17/2019	0.061	43	66000
Anthracene	SB-2	12-13	7/18/2019	1.8	6,900	18,000
Arsenic	SB-20	1-2	9/26/2022	3.33 J	5.0	24
Barium	SB-19	1-2	9/26/2022	154	440	8,100
Benz(a)anthracene	SB-4	7-8	7/18/2019	2.3	130	41
Benzene	SB-17	5.5-6.5	9/26/2022	0.0123	0.026	120
Benzo(a)pyrene	SB-4	7-8	7/18/2019	2.9	7.6	4.1
Benzo(b)fluoranthene	SB-4	7-8	7/18/2019	3.9	440	42
Benzo(g,h,i)perylene	SB-4	7-8	7/18/2019	1.9	46,000	1,800
Benzo(k)fluoranthene	SB-4	7-8	7/18/2019	1.4	4,500	420
1,1-Biphenyl	SB-2	12-13	7/18/2019	2.1	2,500	12,000
Bis (2-ethyl-hexyl) phthalate	SB-2	7-8	7/17/2019	0.22	160	43
n-Butylbenzene	SB-17	5.5-6.5	9/26/2022	0.0393	150	3,300
sec-Butylbenzene	SB-17	5.5-6.5	9/26/2022	0.0339	85	3,300
Cadmium	SB-4	7-8	7/18/2019	0.324 J	1.5	52
Carbazole	SB-4	7-8	7/18/2019	0.43	4.6	230
Carbon disulfide	SB-4	7-8	7/18/2019	0.016	14	4,600
Chromium	SB-17	5.5-6.5	9/26/2022	22.9	2,400	33,000
Chrysene	SB-4	7-8	7/18/2019	2.3	11,000	4,100
Cyclohexane	SB-2	12-13	7/18/2019	0.18	5,900	75,000
Dibenz(a,h)anthracene	SB-4	7-8	7/18/2019	0.5	15	4.0
Dibenzofuran	SB-2	12-13	7/18/2019	1.5	33	270
1,1-Dichloroethane	SB-17	5.5-6.5	9/26/2022	0.00951	18	11,000
1,1-Dichloroethene	SB-17	5.5-6.5	9/26/2022	0.0428	0.050	2,300
Di-n-butyl phthalate	SB-7	1-2	7/17/2019	0.0048 J	3,300	6,200
Di-n-octyl phthalate	SB-4	7-8	7/18/2019	0.12	810,000	640
Ethyl benzene	SB-17	5.5-6.5	9/26/2022	0.481	7.6	6,400
Fluoranthene	SB-4	7-8	7/18/2019	5.9	1,900	2,300
Fluorene	SB-4	7-8	7/18/2019	0.56	300	2,300
Hexachlorobenzene	SB-5	11-12	7/19/2019	0.0082	1.1	1.1
Indeno(1,2,3-cd)pyrene	SB-4	7-8	7/18/2019	2.0	1,300	42
Isopropylbenzene	SB-2	12-13	7/18/2019	0.071	350	4,300
p-Isopropyltoluene	SB-17	5.5-6.5	9/26/2022	0.0509	230	8,200
Lead	SB-4	7-8	7/18/2019	40.9	3.0	500
SPLP Lead	SFI-SB-2*	7-8	9/30/2020	0.00339 J		
Mercury	SB-20	1-2	9/26/2022	0.0601	2.1	8.3
Methyl cyclohexane	SB-2	12-13	7/18/2019	3.6	16,000	41,000
Methyl ethyl ketone (2-butanone)	SB-17	5.5-6.5	9/26/2022	0.0102 J	29	40,000
2-Methylnaphthalene	SB-2	12-13	7/18/2019	26	17	250
SPLP 2-Methylnaphthalene	SB-15*	12-13	10/9/2020	0.023		
Naphthalene	SB-2	12-13	7/18/2019	5.6	31	220
Phenanthrene	SB-4	7-8	7/18/2019	3.7	420	1,700
Polychorinated biphenyls (PCBs)	SB-20	1-2	9/26/2022	0.0312 J	11	1.1
n-Propylbenzene	SB-17	5.5-6.5	9/26/2022	0.113	45	2,200
Pyrene	SB-2	12-13	7/18/2019	6.2	1,100	1,700
Selenium	SB-16	3-4	9/26/2022	0.649 J	2.3	310
Silver	SB-4	7-8	7/18/2019	0.0466 J	0.48	97
Total TPH (C ₆ -C ₃₅)	SB-20	1-2	9/26/2022	1,880		
1,2,4-Trimethylbenzene	SB-17	5.5-6.5	9/26/2022	2.47	33	1,600
1,3,5-Trimethylbenzene	SB-17	5.5-6.5	9/26/2022	0.0150	36	1,500
Vinyl chloride	SB-17	5.5-6.5	9/26/2022	0.00391 J	0.022	3.7
m,p-Xylene	SB-2	12-13	7/18/2019	7.3	110	8,900
o-Xylene	SB-4	7-8	7/18/2019	0.0020 J	71	48,000
Total Xylenes	SB-2	12-13	7/18/2019	7.3	120	6,000

NOTES:

Concentrations highlighted pink exceed the critical TRRP Tier 1 Residential Soil PCL (non-ingestion PCL) with an MSD in place.

[&]quot; SB-15* " indicates sample SB-15 (12-13 ft-bgs) was collected from the same location and sample interval as SB-2 (12-13 ft-bgs).



[&]quot;--" indicates not applicable.

[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilogram.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;PCL" represents Protective Concentration Level.

Only analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;J" Indicates that the target analyte was positively identified above the SDL but below the Method Quantitation Limit (MQL).

Concentrations highlighted yellow exceed the critical TRRP Tier 1 Residential Soil PCL (ingestion PCL) without an MSD in place but do not exceed the critical TRRP Tier 1 Residential Soil PCL (non-ingestion PCL) with an MSD in place.

TCEQ TRRP Tier 1 Residential Soil PCLs (30 Texas Administrative Code [TAC] 350) Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023.

[&]quot; SFI-SB-2* " indicates sample SFI-SB-2 (7-8 ft-bgs) was collected from the same location and sample interval as SB-4 (7-8 ft-bgs).

TABLE E.2

SUMMARY OF MAXIMUM GROUNDWATER CONCENTRATIONS CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

	MAXIMUM GROU	JNDWATER CO	NCENTRATION		TRRP TIER 1 OUNDWATER PCLs
CHEMICALS OF CONCERN	Sample Name	Sample Date	Detected Concentration	Ingestion PCL (Without MSD)	Non-Ingestion PCL (With MSD)
	Cample Name	oumpie bute	(mg/L)	^{GW} GW _{Ing} (mg/L)	^{Air} GW _{Inh-V} (mg/L)
Acetone	MW-1	3/22/2023	0.00737 J	22	1,000,000
Acetophenone	SB-9_GW	7/19/2019	0.00012 J	2.4	
Anthracene	DUP-01 (SB-2_GW)	7/19/2019	0.000023 J	7.3	
Benzene	SB-9_GW	7/19/2019	0.00058 J	0.0050	180
Benzo(a)pyrene	SB-3_GW	7/19/2019	0.000038 J	0.0002	29
1,1' -Biphenyl	SB-2_GW	7/19/2019	0.000087 J	12	
Bis(2-ethylhexyl)phthalate	SB-3_GW	7/19/2019	0.00026 J	0.006	
Caprolactam	SB-9_GW	7/19/2019	0.00068	12	
Chloroform	SB-3_GW	7/19/2019	0.00047 J	0.24	20
Dibenzofuran	DUP-01 (SB-2_GW)	7/19/2019	0.00011	0.098	
1,1-Dichloroethane	MW-6	9/27/2022	0.0168	4.9	43,000
1,1-Dichloroethene	SB-3_GW	7/19/2019	0.160	0.0070	1,700
cis-1,2-Dichloroethene	SB-9_GW	7/19/2019	0.0025	0.070	1,200
Diethyl phthalate	SB-9_GW	7/19/2019	0.0053	20	
Di-n-butyl phthalate	SB-9_GW	7/19/2019	0.00026 J	2.4	
Di-n-octyl phthalate	SB-9_GW	7/19/2019	0.00032 J	0.24	
Ethylbenzene	SB-2_GW	7/19/2019	0.00044	0.70	30,000
Fluoranthene	SB-3_GW	7/19/2019	0.000056 J	0.98	
Fluorene	SB-2_GW	7/19/2019	0.000048 J	0.98	
Methylcyclohexane	SB-2_GW	7/19/2019	0.0037	120	1,400
2-Methylnaphthalene	DUP-01 (SB-2_GW)	7/19/2019	0.0023	0.098	
Methyl tert-butyl ether	MW-3	9/27/2022	0.00793	0.24	4,000
Naphthalene	DUP-01 (SB-2_GW)	7/19/2019	0.0017	0.49	320
Phenanthrene	SB-2_GW	7/19/2019	0.000048 J	0.73	
Phenol	SB-9_GW	7/19/2019	0.00032 J	7.3	160,000
Pyrene	SB-3_GW	7/19/2019	0.000049 J	0.73	
Trichloroethene	SB-3_GW	7/19/2019	0.00089 J	0.0050	24
Vinyl chloride	SB-9_GW	7/19/2019	0.0015	0.0020	3.8
m,p-Xylene	SB-2_GW	7/19/2019	0.0019 J	10	9,400
Total Xylenes	SB-2_GW	7/19/2019	0.0019	10	10,000

NOTES:

Concentrations highlighted yellow exceed the critical TRRP Tier 1 Residential Groundwater PCL (ingestion PCL) without an MSD in place but do not exceed the critical TRRP Tier 1 Residential Groundwater PCL (non-ingestion PCL) with an MSD in place.

Concentrations highlighted pink exceed the critical TRRP Tier 1 Residential Groundwater PCL (non-ingestion PCL) with an MSD in place.

TCEQ TRRP Tier 1 Residential Groundwater PCLs (30 Texas Administrative Code [TAC] 350) Table 3: Tier 1 Residential and Commercial/Industrial Groundwater PCLs, dated May 10, 2023.



[&]quot;--" indicates not applicable.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;PCL" represents Protective Concentration Level.

Only analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

"J" Indicates that the target analyte was positively identified above the SDL but below the Method Quantitation Limit (MQL).

Appendix F - Off-Site Impacted Property Owners_

COCs in groundwater at the designated property may have migrated to the off-site properties listed in *Table F.1* at concentrations exceeding their applicable TRRP Tier 1 Residential ^{GW}GW_{Ing} PCLs. Notifications have been sent to the owner of each listed property in accordance with 30 Texas Administrative Code (TAC) §350.55.

TABLE F.1

OFF-SITE PROPERTY OWNER NOTIFICATIONS CITY OF HOUSTON MUNICIPAL SETTINGS DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

HCAD ID	Property Address	Owner Name	Property Owner Address	City	State	Zip Code
0440820000650	0 HEMPSTEAD ROAD	SOUTHERN PACIFIC RAILROAD COMPANY	1400 DOUGLAS STREET STOP 1640	OMAHA	NEBRASKA	68179-1001
0440820000475	0 WEST 11TH STREET	UNION PACIFIC RAILROAD COMPANY	1400 DOUGLAS STREET STOP 1640	OMAHA	NEBRASKA	68179-1001

Notes:

"IHW" represents Industrial Hazardous Waste

The information presented in the table above was obtained from the publicly-available HCAD Parcel Viewer (arcweb.hcad.org/parcelviewer/).



[&]quot;SWR" represents Solid Waste Registration.

[&]quot;HCAD" represents Harris County Appraisal District.

[&]quot;ROW" represents right-of-way.

Appendix G – Plume Stability_

The following sections provide discussions regarding the extent of any soil plumes and the extent and stability of the groundwater contaminant plumes within the designated property.

Soil Plumes

Based on the soil assessment results, a soil plume (i.e., PCLE zone) does not exist on the designated property. A summary of all soil analytical results for the designated property is included in *Table G.1*.

<u>Groundwater Plumes – Delineation and Sources</u>

Based on the groundwater assessment results, only concentrations of the chlorinated solvent 1,1-DCE currently exceed its applicable TRRP Tier 1 Residential ^{GW}GW_{Ing} PCLs. The groundwater contaminant plume identified at the designated property is described in detail below.

1,1-DCE Plume

As previously discussed in *Appendix D*, the 1,1-DCE PCLE zone in the uppermost GWBU encompasses monitoring wells MW-3 and MW-6 on Tract 1 and into the Seamist Drive ROW adjoining Tract 1 to the east. The source of the 1,1-DCE in groundwater is attributed to a likely historical release from the on-site oil/water separator related to former industrial occupants on the east portion of Tract 1.

The 1,1-DCE groundwater contaminant plume is fully delineated, including in the hydrogeologically crossgradient to downgradient directions by an off-site temporary monitoring well installed as part of prior assessment activities at the ±9.55-Acre Commercial Property IHW CorrAct site (IHW SWR No. 82425) at 3480 and 3484 West 11th Street, about 60 feet east of the designated property. Moreover, the 1,1-DCE groundwater contaminant plume is delineated in the downgradient direction by several off-site monitoring wells installed as part of prior assessment activities at the Former Air Liquide Facility Voluntary Cleanup Program (VCP) site (VCP No. 2721) at 3602 West 11th Street, about 40 feet south of the designated property. The 1,1-DCE concentrations are decreasing in trend. Since no chlorinated solvents are currently used on the designated property and the 1,1-DCE release is from historical on-site activities, this decreasing 1,1-DCE concentration trend is expected to continue.

All other COCs in groundwater were detected at concentrations below their respective TRRP RALs. A summary of all groundwater analytical results for the designated property is included in *Table G.2*.

Groundwater Plumes – Stability

A stable groundwater PCLE zone plume provides evidence that natural conditions are effectively controlling the extent of COCs and that expansion of the groundwater plume over time is unlikely to occur. The natural processes that are primarily responsible for achieving a stable groundwater plume involve biodegradation by native microorganisms, adsorption of COCs to soil particles, and dispersion of the COCs through groundwater flow. Collectively, these processes are referred to as natural attenuation.

TCEQ regulatory guidance recommends demonstrating a stable groundwater plume using a lines-of-evidence approach (RG-366/TRRP-33, revised September 2010). The lines-of-evidence approach is employed to document that natural attenuation is occurring at a rate that is sufficient to effectively control the migration of COCs in groundwater, resulting in protective conditions once the institutional control (i.e., the COH MSD Ordinance and TCEQ MSD Certificate) is in place. The lines of evidence which can be used include:

- 1. <u>Primary lines of evidence (PLOE)</u>: Relies on historical groundwater data to demonstrate a stable or decreasing trend of COC concentrations over time and with distance away from the source area.
- 2. Secondary lines of evidence (SLOE): Uses hydrogeologic or chemical indicators to document the occurrence of natural attenuation processes. Examples include the presence of daughter products to indicate active degradation of the parent compound, ratios of parent compounds to daughter products to evaluate the extent of degradation, geochemistry data to demonstrate that appropriate subsurface conditions exist, and groundwater flow rate calculations for assessing plume migration potential.
- Other lines of evidence (OLOE): Most often consist of predictive modeling studies and laboratory or field studies to further demonstrate an understanding of the natural attenuation processes occurring at the designated property and their effectiveness at controlling PCLE zone migration and decreasing COC concentrations.

The extent to which the various lines of evidence are evaluated at a site, or whether the analysis proceeds beyond the primary lines of evidence, depends on the project objectives and the extent of available data. For the 1,1-DCE groundwater plume beneath the designated property, SKA evaluated primary and/or secondary lines of evidence using the groundwater monitoring data generated from 2019 to 2023.

PLOE

A graph of 1,1-DCE concentrations over time in groundwater samples from monitoring wells MW-3 and MW-6 is included as *Graph G.1*. The graph illustrates the generally decreasing 1,1-DCE concentrations in these wells. This COC concentration trend confirms that 1,1-DCE is being naturally attenuated in groundwater.

SI OF

A summary of average pH and temperature over time in groundwater samples from monitoring wells MW-3 and MW-6 is included in *Table G.3*.

A pH between 6.0 and 8.5 is generally required for the complete reductive dechlorination of chlorinated ethenes to innocuous products (such as ethane, ethene, or carbon dioxide) to occur. Groundwater with a pH outside of these parameters allows for only slow or incomplete dechlorination, with no reductive dechlorination occurring when pH is less than 5.0 or greater than 10.0. Groundwater sampling data for pH indicate that the average pH levels are well within the required pH range of 6.0 to 8.5 for complete reductive dechlorination to occur within the area of the 1,1-DCE plume, as shown in *Table G.3*.

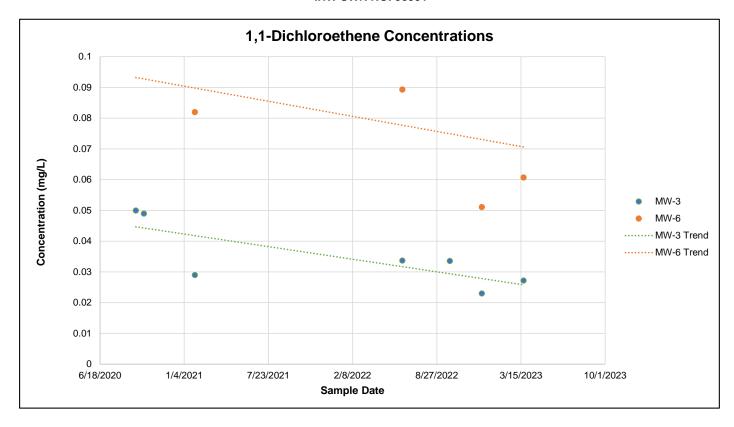
At temperatures greater than 20 degrees Celsius (°C), biochemical processes are accelerated, including reductive dechlorination. Groundwater sampling temperature data for MW-3 and MW-

City of Houston Municipal Setting Designation SKA Consulting, L.P. Houston, Texas

±5.745-Acre Commercial Property Project No. 17021-0004 November 2023 6 indicate the groundwater temperature on the designated property is greater than 20 °C. Therefore, the groundwater temperature within the area of the 1,1-DCE plume is above the necessary temperature for accelerated reductive dechlorination to occur (*Table G.3*).

Based on the presented SLOEs, the observed biodegradation processes are expected to continue to reduce COC concentrations in groundwater over time.

GRAPH G.1 CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591



Notes:

"mg/L" represents milligrams per liter.

"IHW" represents Industrial Hazardous Waste

"SWR" represents Solid Waste Registration.



SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

												VOLATILE OR	GANIC COMPO	OUNDS (VOCs)									
Sample Name	Sample Depth (ft-bgs)	Sample Date	Wethod 8260C	Method 8260C	n-Buttylbenzene Wethod 8260C	sec-Butylbenzene Method 8260C	Carbon disulfide Wethod 8260C	Cyclohexane Cyclohexane Method 8260C	1,1-Dichloroethane	Method 8260C	Ethylbenzene Method 8260C	Isobropylbenzene Method 8260C	P-Isopropyitoluene Method 8260C	Methylcyclohexane Methylcyclohexane	Methyl ethyl ketone (2-Butanone)	Naphthalene Wethod 8260C	n-Propylbenzene Method 8260C	Method 8260C mg/kg	Method 8260C	Nethod 8260C	Method 8260C	euel/Xvo Method 8260C mg/kg	XVienes Total Wethod 8260C
		<u> </u>	ngrig	mgmg	,grag	19.13	mgrag							MENT, INC. [ER		mgmg	mgrag	,g.vg	1 mg/ng	,grig	- mg/ng	nigritg	grisg
SB-2	7-8	7/17/2019	0.045	<0.00058	-	-	<0.00070	<0.0012	<0.00058	<0.00058	0.013	0.0040 J	-	0.059	<0.0015	-	-	-	-	<0.00093	0.096	<0.0012	0.096
SB-2	12-13	7/18/2019	0.043	<0.00046	-	-	<0.00055	0.18	<0.00046	<0.00046	0.15	0.071	-	3.6	<0.0012	-	-	-	-	<0.00074	7.3	<0.052	7.3
DUP-01 (SB-2)	7-8	7/17/2019	0.061	<0.00059	-	-	<0.00070	0.019	<0.00059	<0.00059	0.020	0.0049 J	-	0.079	<0.0015	-	-	-	-	<0.00094	0.14	<0.0012	0.14
SB-3	6-7	7/18/2019	<0.0016	<0.00039	-	-	<0.00047	<0.00078	<0.00039	<0.00039	<0.00055	<0.00070	-	<0.00078	<0.0010	-	-	-	-	<0.00063	<0.0013	<0.00078	<0.00078
SB-4	1-2	7/18/2019	0.047	<0.00051	-	-	<0.00061	<0.0010	<0.00051	<0.00051	<0.00071	<0.00091	-	<0.0010	<0.0013	-	-	-	-	<0.00081	<0.0016	<0.0010	<0.0010
36-4	7-8	7/18/2019	0.051	<0.00049	-	-	0.016	<0.00099	<0.00049	<0.00049	0.00073 J	<0.00089	-	<0.00099	<0.0013	-	-	-	-	<0.00079	0.0030 J	0.0020 J	0.0050
											SOIL BORIN	GS (ERM)											
SB-5	11-12	7/19/2019	<0.0020	<0.00049	-	-	<0.00059	<0.00098	<0.00049	<0.00049	<0.00069	<0.00088	-	<0.00098	<0.0013	-	-	-	-	<0.00078	<0.0016	<0.00098	<0.00098
SB-6	2-3	7/17/2019	0.019	<0.00046	-	-	0.0044 J	<0.00091	<0.00046	<0.00046	<0.00064	<0.00082	-	<0.00091	<0.0012	-	-	-	-	<0.00073	<0.0015	<0.00091	<0.00091
SB-7	1-2	7/17/2019	<0.0025	<0.00063	-	-	<0.00075	<0.0013	<0.00063	<0.00063	<0.00088	<0.0011	-	<0.0013	<0.0016	-	-	-	-	<0.0010	<0.0020	<0.0013	<0.0013
										SOIL BOR	INGS (SKA COI	NSULTING, L.P	. [SKA])										
SB-16	3-4	9/26/2022	<0.0283	<0.00124	<0.00296	<0.00289	-	-	<0.00276	<0.00300	<0.00112	<0.00284	<0.00275	-	<0.00950	<0.00338	<0.00274	<0.00266	<0.00279	<0.00312	-	<0.00152	<0.00152
SB-17	5.5-6.5	9/26/2022	0.0465 J	0.0123	0.0393	0.0339	-	-	0.00951	0.0428	0.481	0.0544	0.0509	-	0.0102 J	1.48	0.113	2.47	0.0150	0.00391 J	-	<0.000901	0.148
SB-18	1.5-2.5	9/26/2022	<0.0136	<0.000597	<0.00142	<0.00139	-	-	<0.00133	<0.00145	<0.000542	<0.00137	<0.00132	-	<0.00458	<0.00205	<0.00132	<0.00128	<0.00135	<0.00150	-	<0.000733	<0.000733
SB-19	1-2	9/26/2022	<0.0129	<0.000563	<0.00134	<0.00131	-	-	<0.00126	<0.00137	<0.000511	<0.00129	<0.00125	-	<0.00432	<0.00154	<0.00124	<0.00121	<0.00127	<0.00142	-	<0.000692	<0.000692
SB-20	1-2	9/26/2022	0.0206 J	<0.000712	<0.00170	<0.00166	-	-	<0.00159	<0.00173	<0.000646	<0.00163	<0.00158	-	<0.00546	<0.0445	<0.00157	<0.00153	<0.00160	<0.00179	-	<0.000874	<0.000874
										I	REGULATORY	STANDARDS											
Resid	CEQ TRRP Tier Iential ^{GW} Soil _{Ing} -Acre Source A	PCLs	43	0.026	150	85	14	5,900	18	0.050	7.6	350	230	16,000	29	31	45	33	36	0.022	110	71	120
Reside	CEQ TRRP Tier ential ^{Tot} Soil _{Com} -Acre Source A	_b PCLs	66,000	120	3,300	3,300	4,600	75,000	11,000	2,300	6,400	4,300	8,200	41,000	40,000	220	2,200	1,600	1,500	3.7	8,900	48,000	6,000



[&]quot;-" indicates not analyzed.

[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilograms.

[&]quot;IHW" represents Industrial Hazardous Waste "SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

Only VOC analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

Concentrations in bold were detected at or above the laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).
TCEQ TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023).

SUMMARY OF SOIL ANALYTICAL RESULTS - SVOCs (A-C) CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

				1			SEMI-V	OLATILE ORGAN	IC COMPOUNDS (SVOCs)				
mple Name	Sample Depth (ft-bgs)	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	1,1'-Biphenyl	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene
San	San (ft-t	San	Method 8270D mg/kg	Method 8270D mg/kg	Method 8270D mg/kg									
			IIIg/kg		0 0	0 0	0 0		ANAGEMENT, INC.	0 0	IIIg/kg	l lilg/kg	IIIg/kg	IIIg/kg
	7-8	7/17/2019	<0.00057	<0.0011	0.0025 J	<0.0018	<0.0011	<0.0014	<0.00080	<0.0010	0.023	0.022	<0.0014	<0.00091
SB-2	12-13	7/18/2019	24	70	1.8	<0.34	<0.22	<0.26	<0.15	<0.19	2.1	<0.37	<0.26	<0.17
DUP-01 (SB-2)	7-8	7/17/2019	<0.0056	<0.011	<0.0056	<0.018	<0.011	<0.013	<0.0078	<0.010	0.063 J	<0.019	<0.013	<0.0089
SB-3	6-7	7/18/2019	<0.00055	<0.0011	<0.00055	<0.0018	<0.0011	<0.0013	<0.00078	<0.0010	<0.0019	0.015	<0.0013	<0.00089
SB-4	1-2	7/18/2019	0.20	<0.011	0.55	1.4	1.7	2.2	1.2	0.97	<0.019	<0.019	0.25	1.3
SB-4	7-8	7/18/2019	0.39	<0.012	1.1	2.3	2.9	3.9	1.9	1.4	<0.020	<0.020	0.43	2.3
							SOIL BORINGS ((ERM)						
SB-5	11-12	7/19/2019	<0.00056	0.044	<0.00056	<0.0018	<0.0011	<0.0013	<0.00078	<0.0010	0.0051 J	<0.0019	<0.0013	<0.00089
SB-6	2-3	7/17/2019	<0.00061	<0.0012	<0.00061	<0.0019	<0.0012	< 0.0015	<0.00085	<0.0011	<0.0021	0.016	<0.0015	<0.00097
SB-7	1-2	7/17/2019	<0.00058	<0.0012	<0.00058	<0.0019	<0.0012	<0.0014	<0.00081	<0.0010	<0.0020	0.018	0.0029 J	<0.00093
						SOIL BORII	NGS (SKA CONSU	LTING, L.P. [SKA])					
SB-16	3-4	9/26/2022	<0.0184	<0.0176	<0.0164	<0.0167	<0.0205	<0.0150	<0.0183	<0.0230	-	<0.198	-	<0.0197
SB-17	5.5-6.5	9/26/2022	<0.0194	<0.0185	<0.0173	<0.0176	<0.0216	<0.0158	<0.0193	<0.0243	-	<0.209	-	<0.0207
SB-18	1.5-2.5	9/26/2022	<0.00291	<0.00315	<0.00298	<0.00269	<0.00307	<0.00345	<0.00332	<0.00334	-	-	-	<0.00232
SB-19	1-2	9/26/2022	<0.00261	0.0118	0.0126	0.00682	0.00748	0.0134	0.0147	0.00424	-	-	-	0.00963
SB-20	1-2	9/26/2022	<0.0578	<0.0626	0.0734 J	0.193	0.184	0.232	0.116	<0.0664	-	-	-	0.190
						R	EGULATORY STA	NDARDS						
Resid	CEQ TRRP Tier lential ^{GW} Soil _{ing} -Acre Source A	PCLs	240	410	6,900	130	7.6	440	46,000	4,500	2,500	160	4.6	11,000
Reside	CEQ TRRP Tier ential ^{Tot} Soil _{Coml} -Acre Source A	, PCLs	3,000	3,800	18,000	41	4.1	42	1,800	420	12,000	43	230	4,100



[&]quot;-" indicates not analyzed.

[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilograms.
"IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

Only SVOC analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

Concentrations in bold were detected at or above the laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).

TCEQ TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023).

SUMMARY OF SOIL ANALYTICAL RESULTS - SVOCs (D-Z) CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

							11117 31	VR NO. 38591							
								SEMI-VOLATILE	ORGANIC COMP	OUNDS (SVOCs)					
Sample Name	Sample Depth (ft-bgs)	Sample Date	Dipenz(a,h)anthracene	Dipenzoduran Method 8270D mg/kg	Di-n-butyl phthalate	Di-n-octyl phthalate	Method 8270D mg/kg	Method 8270D mg/kg	Hexachlorobenzene Metwod 8270D	Method 8270D mg/kg	2-Methylnaphthalene bg/kg	SPLP 2-Methylnaphthalene Methylnaphthalene mg/L	Method 8270D mg/kg	Method 8270D mg/kg	e Harbod 8270D mg/kg
						ARY MONITORING		NMENTAL RESOU							
SB-2	7-8	7/17/2019	<0.0018	0.016	<0.0014	<0.0010	<0.0013	0.012	<0.0010	<0.00091	0.088	-	0.013	0.021	<0.00069
3B-2	12-13	7/18/2019	<0.34	1.5	<0.26	<0.19	2.6	<0.24	<0.19	<0.17	26	-	5.6	2.8	6.2
DUP-01 (SB-2)	7-8	7/17/2019	<0.018	0.050	<0.013	<0.010	<0.012	<0.012	<0.010	<0.0089	0.32	-	0.057	0.053	<0.0067
SB-3	6-7	7/18/2019	<0.0018	<0.00078	<0.0013	0.015	<0.0012	<0.0012	<0.0010	<0.00089	<0.00055	-	<0.00066	<0.0017	<0.00066
SB-4	1-2	7/18/2019	0.29	0.11	<0.013	<0.010	2.8	0.25	<0.010	1.2	<0.0056	-	0.024 J	1.9	2.9
3D-4	7-8	7/18/2019	0.50	0.24	<0.014	0.12	5.9	0.56	<0.011	2.0	0.029 J	-	0.048	3.7	4.2
							SOIL BO	ORINGS (ERM)							
SB-5	11-12	7/19/2019	<0.0018	<0.00078	0.0020 J	<0.0010	0.038	0.0024 J	0.0082	<0.00089	0.0046	-	0.074	0.057	0.096
SB-6	2-3	7/17/2019	<0.0019	<0.00085	<0.0015	<0.0011	<0.0013	<0.0013	<0.0011	<0.00097	<0.00061	-	<0.00073	<0.0018	<0.00073
SB-7	1-2	7/17/2019	<0.0019	<0.00081	0.0048 J	<0.0010	0.0022 J	<0.0013	<0.0010	<0.00093	<0.00058	-	0.0029 J	<0.0017	0.0024 J
SB-15 *	12-13	10/9/2020	-	-	-	-	-	-	-	-	-	0.023	-	-	-
						sc	OIL BORINGS (SKA	CONSULTING, L.	P. [SKA])						
SB-16	3-4	9/26/2022	<0.0151	<0.0184	<0.0191	<0.0158	<0.0175	<0.0165	<0.0193	<0.0160	<0.0537	-	0.0186	<0.0197	0.0174
SB-17	5.5-6.5	9/26/2022	<0.0159	<0.0194	<0.0201	<0.0167	<0.0184	<0.0174	<0.0203	<0.0168	0.290	-	0.0820 J	0.0304 J	<0.0183
SB-18	1.5-2.5	9/26/2022	<0.00334	<0.00293	-	-	<0.00293	<0.00294	-	<0.00316	-	-	<0.00301	<0.00294	<0.00297
SB-19	1-2	9/26/2022	<0.00300	<0.00263	-	-	0.0106	<0.00263	-	0.00981	-	-	<0.00270	0.00507	0.00739
SB-20	1-2	9/26/2022	<0.0664	<0.0582	-	-	0.481	<0.0584	-	0.105	-	-	<0.0598	0.183	0.302
							REGULATO	ORY STANDARDS							
Resid	CEQ TRRP Tier lential ^{GW} Soil _{lng} -Acre Source A	PCLs	15	33	3,300	810,000	1,900	300	1.1	1,300	17		31	420	1,100
	CEQ TRRP Tier dential ^{GW} Soil _{Ing}					-	-	-	-		26				
Reside	CEQ TRRP Tier ential ^{Tot} Soil _{Comb} -Acre Source A	PCLs	4.0	270	6,200	640	2,300	2,300	1.1	42	250		220	1,700	1,700
	CEQ TRRP Tier dential ^{GW} GW _{ing}			-			-	-		-		0.098			



[&]quot;-" indicates not analyzed.

[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilograms.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;SPLP" represents Synthetic Precipitation Leaching Procedure.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

Only SVOC analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

Concentrations in bold were detected at or above the laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).

TCEQ TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023).

TCEQ TRRP Tier 1 Residential Groundwater PCLs (30 TAC Chapter 350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

TCEQ TRRP Tier 3 Residential Soil PCL determined per TCEQ Regulatory Guidance (RG)-366/TRRP-22, Tiered Development of Human Health PCLs (revised April 2013).

[&]quot; * " indicates sample SB-15 (12-13 ft-bgs) was collected from the same location and sample interval as SB-2 (12-13 ft-bgs).

SUMMARY OF SOIL ANALYTICAL RESULTS - TPH & TPH SPECIATION CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

	T		1				1												
			тота	L PETROLEUM H	YDROCARBONS	S (TPH)							TPH SPECIATION	N					
										ALIPHATICS						ARON	IATICS		1
nple Name	Sample Depth (ft-bgs)	nple Date	ີ່ ເງື່	ر ک ک ک م	ر پ پ ک ک ک TX Method 1005	TX Method 1005	රී TX Method 1006	ບຶ ຊຸ ູບິ TX Method 1006	S S TX Method 1006	C C C C C C C C C C C C C C C C C C C	Ç Ç Ç TX Method 1006	S S S S S S S S S S S S S S S S S S S	23 to C 38 TX Method 1006	S° cs C'S	S S S TX Method 1006	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5° 5° 2° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5°
Sar	Sar (#	Sar	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	•	•							L BORINGS (SKA		. P. [SKA])								
SB-16	3-4	9/26/2022	<20.1	62.3	<20.1	62.3	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-17	5.5-6.5	9/26/2022	39.5 J	740	80.9	860	27.0 J	<23.4	29.3 J	47.4	402	595	595	<23.4	<23.4	<23.4	84.3	111	117
SB-17	9-10	9/26/2022	28.2 J	452	54.6 J	535	<27.7	<27.7	<27.7	<27.7	430	147	224	<27.7	<27.7	<27.7	45.3 J	49.5 J	91.7
SB-18	1.5-2.5	9/26/2022	<19.1	<19.1	<19.1	<19.1	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-19	1-2	9/26/2022	<16.5	<16.5	<16.5	<16.5	-	-	-	-	-	-	-	-	-	-	-	-	-
SB-20	1-2	9/26/2022	<42.1	1,600	279	1,880	26.1 J	<25.0	<25.0	<25.0	265	501	769	<25.0	<25.0	<25.0	52.9	142	206
3B-20	2-3	9/26/2022	<20.5	<20.5	<20.5	<20.5	-	-	-	-	-	-	-	-	-	-	-	-	-
									REGULATO	RY STANDARDS	}								
Resid	CEQ TRRP Tie dential ^{GW} Soil _{ln} 5-Acre Source	_g PCLs	65	200	200		170	420	3,600	25,000	490,000	1,000,000	1,000,000	20	65	100	200	470	3,700
Resid	CEQ TRRP Tie ential ^{Tot} Soil _{Coi} 5-Acre Source	nb PCLs	1,600	2,300	2,300		4,800	4,800	4,000	3,600	4,300	130,000	130,000	6,400	1,600	1,900	2,300	2,000	2,000
TPH-Mixt	TRRP Tier 1 Re ure (TPH _{Mix}) ^{GW} 5-Acre Source	Soil _{ing} PCL				NA				-	ı			1	-				
TP	TRRP Tier 1 Re H _{Mix} ^{Tot} Soil _{Comb} 5-Acre Source	PCL				10,800													



[&]quot;-" indicates not analyzed.

[&]quot;--" indicates not applicable.

[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilogram.

[&]quot;IHW" represents Industrial Hazardous Waste "SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL).

Concentrations in bold were detected at or above the laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).

TCEQ TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023).

[&]quot;NA" indicates not applicable; the individual TPH carbon ranges are already protective of groundwater.

Site-specific TCEQ TRRP Tier 1 Residential TPH_{Mix} Soil PCLs calculated using TCEQ TRRP Tier 1 TPH PCL Calculator (Version 3.0, February 2020) and TCEQ Regulatory Guidance (RG)-366/TRRP-27: Development of Human Health PCLs for TPH Mixtures (January 2010).

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS & PCBs CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

					RESOU	RCE CONSERVAT	ION AND RECOVE	RY ACT (RCRA) 8	METALS			PCBs
Sample Name	Sample Depth (ft-bgs)	Sample Date	Arsenic	Barlum	Cadmium	Chromium	Lead	SPLP Lead	Mercury	Selenium	Silver	PCB-1254
San	San (#-t-	San	Method 6020A mg/kg	Method 6020 mg/L	Method 7471A mg/kg	Method 6020A mg/kg	Method 6020A mg/kg	Method 8082A mg/kg				
		1		MPORARY MONITO						під/кд	ilig/kg	ilig/kg
	7-8	7/17/2019	3.22	69.4	<0.0295	10.6	11.8	-	0.00722	0.647	0.0243 J	-
SB-2	12-13	7/18/2019	0.897	65.6	<0.0283	2.50	4.24	-	0.00126 J	0.203 J	<0.0157	-
DUP-01 (SB-2)	7-8	7/17/2019	1.28	108	<0.0292	8.32	5.76	-	0.00176 J	0.245 J	<0.0162	-
CD 4	1-2	7/18/2019	0.936	20.1	0.0502 J	4.01	11.3	-	0.0143	0.198 J	<0.0154	-
SB-4	7-8	7/18/2019	1.22	31.9	0.324 J	8.43	40.9	-	0.0201	0.337 J	0.0466 J	-
					5	SOIL BORING (ERI	M)					
SFI-SB-2 *	7-8	9/30/2020	-	-	-	-	-	0.00339 J	-	-	-	-
					SOIL BORINGS	S (SKA CONSULTI	NG, L. P. [SKA])					
SB-16	3-4	9/26/2022	3.14 J	83.8	<0.191	14.4	8.95	-	0.0134 J	0.649 J	<0.170	-
SB-17	5.5-6.5	9/26/2022	2.05 J	95.6	<0.195	22.9	9.19	-	0.0213 J	0.619 J	<0.173	-
SB-18	1.5-2.5	9/26/2022	2.78 J	107	<0.191	8.06	6.64	-	<0.00950	<0.329	<0.170	<0.00652
SB-19	1-2	9/26/2022	1.53 J	154	<0.181	10.4	9.89	-	<0.00968	0.438 J	<0.161	<0.00587
SB-20	1-2	9/26/2022	3.33 J	98.0	<0.187	11.3	21.5	-	0.0601	0.557 J	<0.166	0.0312 J
	2-3	9/26/2022	-	-	-	-	13.8	-	-	-	-	-
					REG	ULATORY STAND	ARDS					
	s-Specific Backgr Concentrations 30 TAC §350.51(m		5.9	300		30	15		0.04	0.3		-
Res	TCEQ TRRP Tier ^d idential ^{GW} Soil _{ing} F .5-Acre Source Ar	PCLs	5.0	440	1.5	2,400	3.0		2.1	2.3	0.48	11
	TCEQ TRRP Tier : idential ^{GW} Soil _{ing} F						40.9		-	-		-
Resid	TCEQ TRRP Tier dential TotSoil _{Comb}	PCLs	24	8,100	52	33,000	500		8.3	310	97	1.1
	TCEQ TRRP Tier sidential ^{GW} GW _{Ing}							0.015				

- "-" indicates not analyzed.
- "--" indicates not applicable.



[&]quot;ft-bgs" represents feet below ground surface.

[&]quot;mg/kg" represents milligrams per kilograms.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;SPLP" represents Synthetic Precipitation Leaching Procedure.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

Only polychlorinated biphenyl (PCB) mixtures with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).

Concentrations in bold were detected at or above the laboratory SDL.

TCEQ TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 1: Tier 1 Residential Soil PCLs, dated May 10, 2023). TCEQ TRRP Tier 1 Residential Groundwater PCLs (30 TAC Chapter 350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

TCEQ TRRP Tier 3 Residential Soil PCL determined per TCEQ Regulatory Guidance (RG)-366/TRRP-22, Tiered Development of Human Health PCLs (revised April 2013).

[&]quot; * " indicates sample SFI-SB-2 (7-8 ft-bgs) was collected from the same location and sample interval as SB-4 (7-8 ft-bgs).

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - VOCs CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008

IHW SWR NO. 38591

								VOLATILE C	RGANIC COMPOL	JNDS (VOCs)					
Sample Name	Sample Date	Sampler	Acetone Method 8260C	Benzene Benzene Method 8260C	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Ethylbenzene Method 8260C	Methylcyclohexane Methylcyclohexane	Methyl tert-butyl ether (MTBE)	Trichloroethene	Viny I chloride	euel-Kyviene Method 8260C	Xienes, Total
0)	0)	0)	mg/L	mg/L	mg/L	mg/L	mg/L /ELLS (ENVIRONM	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
25 / 21/	0=/10/10											T		1	
SB-1_GW	07/19/19	ERM	<0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00030	<0.00030	<0.00020	<0.00020	<0.00020	<0.00050	<0.00030
SB-2_GW	07/19/19	ERM	<0.0020	0.00055 J	<0.00020	0.0010	0.0024	<0.00020	0.00044 J	0.0037	<0.00020	<0.00020	<0.00020	0.0019 J	0.0019
DUP-01 (SB-2_GW)	07/19/19	ERM	<0.0020	0.00054 J	<0.00020	0.0012	0.0032	<0.00020	0.00035 J	0.0035	<0.00020	<0.00020	<0.00020	<0.00050	<0.00030
SB-3_GW	07/19/19	ERM	<0.0020	<0.00020	0.00047 J	0.021	0.160	<0.00020	<0.00030	<0.00030	0.0045	0.00089 J	0.00071 J	<0.00050	<0.00030
SB-9_GW	07/19/19	ERM	<0.0020	0.00058 J	<0.00020	0.0026	0.0097	0.0025	<0.00030	<0.00030	<0.00020	<0.00020	0.0015	<0.00050	<0.00030
SB-10_GW	10/09/20	ERM	-	-	-	-	0.039	-	-	-	-	-	-	-	-
SB-11_GW	10/09/20	ERM	-	-	-	-	0.058	-	-	-	-	-	-	-	-
SB-12_GW	10/09/20	ERM	-	-	-	-	0.050	-	-	-	-	-	-	-	-
SB-13_GW	10/09/20	ERM	-	=	-	-	0.0085	-	-	-	-	-	-	-	-
SB-14_GW	10/09/20	ERM	=	=	-	-	0.017	-	-	-	-	-	-	-	-
								ING WELLS							
	09/11/20	ERM	-	-	-	-	0.0039	-	-	-	-	-	-	-	-
MW-1	06/06/22	SKA	<0.0123	<0.000214	<0.000259	<0.000244	0.00776	0.00169	<0.000515	-	<0.000571	<0.000424	<0.000234	-	<0.000330
IVIVV-I	09/27/22 12/12/22	SKA SKA	<0.00119 <0.00119	<0.000533 <0.000533	<0.000643 <0.000643	0.00111 < 0.000635	0.00657 0.00434	0.00155 0.00110	<0.000411 <0.000411	-	<0.00139 <0.00139	<0.000791 <0.000791	<0.000638 <0.000638	-	<0.00124 <0.00124
	03/22/23	SKA	0.00737 J	<0.000533	<0.000643	<0.000635	0.00334	0.000110 0.000881 J	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	02/12/21	ERM	-	-	-	-	<0.00020	-	-	-	-	-	-	-	-
	06/06/22	SKA	<0.0123	<0.000214	<0.000259	<0.000244	<0.000216	<0.000174	<0.000515	-	<0.000571	<0.000424	<0.000234	-	<0.000330
MW-2	09/27/22	SKA	<0.00119	<0.000533	<0.000643	< 0.000635	<0.000738	<0.000714	<0.000411	-	< 0.00139	<0.000791	<0.000638	-	<0.00124
	12/12/22	SKA	<0.00119	< 0.000533	<0.000643	< 0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	03/22/23	SKA	<0.00119	< 0.000533	<0.000643	< 0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	09/11/20	ERM	-	-	-	-	0.050	-	-	-	-	-	-	-	-
	09/30/20	ERM	-	=	-	-	0.049	-	-	-	-	-	-	-	-
MW-3	01/29/21 06/06/22	ERM SKA	- <0.0123	<0.000214	- <0.000259	0.00526	0.029 0.0337	- <0.000174	- <0.000515	-	0.00621	<0.000424	<0.000234	-	<0.000330
	09/27/22	SKA	<0.0123	<0.000214	<0.000259	0.00526	0.0336	<0.000174	<0.000313	-	0.00621	<0.000424	<0.000234	-	<0.00124
	12/12/22	SKA	<0.00119	<0.000533	<0.000643	0.00307	0.0230	<0.000714	<0.000411	_	0.00733	<0.000791	<0.000638	-	<0.00124
 	03/21/23	SKA	<0.00119	<0.000533	<0.000643	0.00379	0.0272	<0.000714	<0.000411	-	0.00760	<0.000791	<0.000638	-	<0.00124
	01/29/21	ERM	-	-	-	-	<0.00020	-	-	-	-	-	-	-	-
] [06/06/22	SKA	<0.0123	<0.000214	<0.000259	<0.000244	<0.000216	<0.000174	<0.000515	-	<0.000571	<0.000424	<0.000234	-	< 0.000330
MW-4	09/27/22	SKA	<0.00119	<0.000533	<0.000643	<0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
I	12/13/22	SKA	<0.00119	<0.000533	<0.000643	<0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	03/22/23	SKA	<0.00119	<0.000533	<0.000643	<0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
I ⊢	01/29/21	ERM SKA	-0.0122	-0.000214	- <0.000259	<0.000244	<0.00020	-0.000174	- <0.000515	-	-0.000E71	-0.000424	-0.000334	-	<0.000330
MW-5	06/06/22 09/27/22	SKA	<0.0123 <0.00119	<0.000214 <0.000533	<0.000259 <0.000643	<0.000244	<0.000216 <0.000738	<0.000174 <0.000714	<0.000515	-	<0.000571 <0.00139	<0.000424 <0.000791	<0.000234 <0.000638	-	<0.000330
"""	12/12/22	SKA	<0.00119	<0.000533	<0.000643	<0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
 	03/21/23	SKA	<0.00119	<0.000533	<0.000643	<0.000635	<0.000738	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	01/29/21	ERM	-	-	-	-	0.082	-	-	-	-	-	-	-	-
 	06/06/22	SKA	<0.0123	<0.000214	0.000399 J	0.0147	0.0893	<0.000174	<0.000515	-	<0.000571	0.00125 J	<0.000234	-	<0.000330
MW-6	09/27/22	SKA	<0.00119	<0.000533	<0.000643	0.0168	0.103	<0.000714	<0.000411	-	<0.00139	0.00121 J	<0.000638	=	<0.00124
[12/12/22	SKA	<0.00119	<0.000533	<0.000643	0.00907	0.0511	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	03/21/23	SKA	<0.00119	<0.000533	<0.000643	0.0120	0.0607	<0.000714	<0.000411	-	<0.00139	0.000819 J	<0.000638	-	<0.00124
I	09/28/22	SKA	<0.00119	<0.000533	<0.000643	<0.000635	0.00351	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
MW-7	12/13/22	SKA	<0.00119	<0.000533	<0.000643	<0.000635	0.00239	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124
	03/22/23	SKA	<0.00119	< 0.000533	<0.000643	<0.000635	0.00276	<0.000714	<0.000411	-	<0.00139	<0.000791	<0.000638	-	<0.00124



SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - VOCs CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008

IHW SWR NO. 38591

								VOLATILE C	RGANIC COMPOL	JNDS (VOCs)					
ple Name	ple Date	Sampler	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Ethylbenzene	Methylcyclohexane	Methyl tert-butyl ether (MTBE)	Trichloroethene	Vinyl chloride	m,p-Xylene	Xylenes, Total
Sampl	Sample	a	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C	Method 8260C
S	Ø	S	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
							REGULATOR	Y STANDARDS							
	EQ TRRP Tier 1 ential ^{GW} GW _{Ing} PC	CLs	22	0.0050	0.24	4.9	0.0070	0.070	0.70	120	0.24	0.0050	0.0020	10	10
Reside	EQ TRRP Tier 1 ntial ^{Air} GW _{Inh-V} PO Acre Source Area		1,000,000	180	20	43,000	1,700	1,200	30,000	1,400	4,000	24	3.8	9,400	10,000
				(OFF-SITE MONITO	RING WELLS - FO	RMER AIR LIQUID	E PROPERTY (360	2 WEST 12TH STR	REET, VCP NO. 272	?1)				
MW-3	09/26/15	Matrix					< 0.00796								
MW-4	03/17/15	Matrix					<0.000398								
MW-8	09/25/15	Matrix					0.000926 J								
MW-9	09/25/15	Matrix					<0.000398								
MW-23	10/01/15	Matrix					<0.000398								
				OFF-SITE TEMP	ORARY MONITOR	ING WELL - ±9.55-		IAL PROPERTY (34	480 & 3484 WEST	11TH STREET, IHV	V SWR NO. 82425)				
TMW-3	06/13/17	SKA					<0.000178								
							REGULATOR	Y STANDARDS							
	EQ TRRP Tier 1 ential ^{GW} GW _{Ing} PC	CLs	22	0.0050	0.24	4.9	0.0070	0.070	0.70	120	0.24	0.0050	0.0020	10	10
Reside	EQ TRRP Tier 1 Intial ^{Air} GW _{Inh-V} PO Acre Source Area		1,000,000	180	20	43,000	1,700	1,200	30,000	1,400	4,000	24	3.8	9,400	10,000



[&]quot;-" indicates not analyzed.

[&]quot;--" indicates not applicable.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

Only VOC analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

Concentrations in bold were detected at or above the laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the SDL but below the Method Quantitation Limit (MQL).

Concentrations highlighted yellow exceed the applicable Residential Assessment Level (RAL) for the specified analyte.

TCEQ TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] §350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - SVOCS CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

										SEMI-VOLATILE	ORGANIC COMP	OUNDS (SVOCs)							
ole Name	ole Date	oler (Acetophenone	Anthracene	Benzo(a)pyrene	1,1' -Biphenyl	Bis(2-ethylhexyl)phthalate	Caprolactam	Dibenzofuran	Diethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Phenol	Pyrene
gamk	amk	amp	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D	Method 8270D
65	0)	0)	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L ENT, INC. [ERM])	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
OD 4 OW	07/40/40	EDM	0.000005	0.000045	0.000004	0.000005								0.000004	0.000000	0.000077.1	0.000000	0.000000 1	0.000000
SB-1_GW SB-2 GW	07/19/19 07/19/19	ERM ERM	<0.000025 <0.000024	<0.000015 <0.000014	<0.000021 <0.000020	<0.000025 0.000087 J	<0.000039 <0.000038	<0.000047 <0.000046	<0.000021 0.000086 J	0.0026 0.00019 J	0.000088 J 0.000064 J	0.000099 J 0.00013 J	<0.000010 <0.000010	<0.000031 0.000048 J	<0.000020 0.0021	0.000077 J 0.0015	<0.000022 0.000048 J	0.000063 J 0.00020 J	<0.000020 <0.000019
DUP-01	07/19/19	ERIVI	<0.000024	<0.000014	<0.000020	0.000087 J	<0.000038	<0.00046	0.000006 J	0.00019 J	0.000064 J	0.00013 3	<0.000010	0.000048 J	0.0021	0.0015	0.000048 J	0.00020 J	<0.000019
(SB-2_GW)	07/19/19	ERM	<0.000025	0.000023 J	<0.000021	0.000067 J	<0.000039	<0.000047	0.00011	0.00015 J	0.000074 J	<0.000021	<0.000010	<0.000031	0.0023	0.0017	0.000040 J	<0.000036	<0.000020
SB-3_GW	07/19/19	ERM	0.00011 J	<0.000021	0.000038 J	< 0.000035	0.00026 J	<0.000066	<0.000029	0.00022 J	0.000089 J	0.000057 J	0.000056 J	<0.000044	<0.000028	0.000090 J	0.000036 J	<0.000051	0.000049 J
SB-9_GW	07/19/19	ERM	0.00012 J	<0.000027	<0.000039	<0.000047	0.00018 J	0.00068	<0.000039	0.0053	0.00026 J	0.00032 J	<0.000020	< 0.000059	< 0.000037	0.00019 J	<0.000041	0.00032 J	<0.000037
									REGULATOR	RY STANDARDS									
-	CEQ TRRP Tier [*] dential ^{GW} GW _{Ing} F	-	2.4	7.3	0.0002	12	0.006	12	0.098	20	2.4	0.24	0.98	0.98	0.098	0.49	0.73	7.3	0.73
Resid	CEQ TRRP Tier [·] ential ^{Air} GW _{Inh-V} l i-Acre Source Ar	PCLs	-	-	29								1	-	ı	320		160,000	

Notes:

Only SVOC analytes with at least one sample with a concentration above the laboratory Sample Detection Limit (SDL) shown on this table.

Concentrations in bold were detected at or above the laboratory SDL.

TCEQ TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] §350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).



[&]quot;--" indicates not applicable.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory SDL.

[&]quot;J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).

Concentrations highlighted yellow exceed the applicable Residential Assessment Level (RAL) for the specified analyte.

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - TPH CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

	1		I	TOTAL PETROLEUM H	TYDROCARBONS (TPH)	
Sample Name	Sample Date	Sampler	75 00 98 TX Method 1005	25 25 27 7 7 TX Method 1005	\$6 9 8 70 7 TX Method 1005	TX Method 1005
<u> </u>	<u> </u>		mg/L PERMANENT MONI	mg/L	mg/L	mg/L
	06/06/22	SKA	<0.851	<0.830	<0.830	<0.851
	09/27/22	SKA	<0.840	<0.819	<0.819	<0.840
MW-1	12/12/22	SKA	<0.765	<0.746	<0.746	<0.765
	03/22/23	SKA	<0.830	<0.809	<0.809	<0.830
	06/06/22	SKA	<0.846	<0.825	<0.825	<0.846
	09/27/22	SKA	<0.958	<0.935	<0.935	<0.958
MW-2	12/12/22	SKA	<0.843	<0.822	<0.822	<0.843
	03/22/23	SKA	<0.846	<0.825	<0.825	<0.846
	06/06/22	SKA	<0.851	<0.830	<0.830	<0.851
	09/27/22	SKA	<0.900	<0.878	<0.878	<0.900
MW-3	12/12/22	SKA	<0.827	<0.807	<0.807	<0.827
	03/21/23	SKA	<0.897	<0.875	<0.875	<0.897
	06/06/22	SKA	<0.846	<0.825	<0.825	<0.846
	09/27/22	SKA	<0.848	<0.827	<0.827	<0.848
MW-4	12/13/22	SKA	<0.835	<0.814	<0.814	<0.835
	03/22/23	SKA	<0.840	<0.819	<0.819	<0.840
	06/06/22	SKA	<0.835	<0.814	<0.814	<0.835
	09/27/22	SKA	<0.859	<0.838	<0.838	<0.859
MW-5	12/12/22	SKA	<0.790	<0.771	<0.771	<0.790
	03/21/23	SKA	<0.876	<0.854	<0.854	<0.876
	06/06/22	SKA	<0.835	<0.814	<0.814	<0.835
	09/27/22	SKA	<0.916	<0.893	<0.893	<0.916
MW-6	12/12/22	SKA	<0.854	<0.832	<0.832	<0.854
	03/21/23	SKA	<0.795	<0.775	<0.775	<0.795
	09/28/22	SKA	<0.843	<0.822	<0.822	<0.843
MW-7	12/13/22	SKA	<0.846	<0.825	<0.825	<0.846
	03/22/23	SKA	<0.835	<0.814	<0.814	<0.835
			REGULATORY S	STANDARDS		
Re	TCEQ TRRP Tier 1	CLs	0.98	0.98	0.98	0.98
	TCEQ TRRP Tier 1 sidential ^{Air} GW _{Inh-V} P 0.5-Acre Source Are		1,800	7,500	7,500	7,500



[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL).

TCEQ TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] §350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - LEAD CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION ±5.745-ACRE COMMERCIAL PROPERTY

3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

Sample Name	Sample Date	Sampler	LEAD		
			Lead		
			Method 6020A		
ഗ്	ιχ	ဖိ	mg/L		
PERMANENT MONITORING WELL (ENVIRONMENTAL RESOURCES MANAGEMENT, INC. [ERM])					
MW-2	09/11/20	ERM	<0.000600		
REGULATORY STANDARDS					
TCEQ TRRP Tier 1 Residential ^{GW} GW _{Ing} PCLs			0.015		
TCEQ TRRP Tier 1 Residential ^{Air} GW _{Inh-V} PCLs (0.5-Acre Source Area)					

Notes:

TCEQ TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] §350, Table 3: Tier 1 Groundwater PCLs - Residential and

Commercial/Industrial, dated May 10, 2023).



[&]quot;--" represents not applicable.

[&]quot;mg/L" represents milligrams per liter.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

[&]quot;TCEQ" represents Texas Commission on Environmental Quality.

[&]quot;TRRP" represents Texas Risk Reduction Program.

[&]quot;<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL).

GROUNDWATER GEOTECHNICAL PARAMETERS - pH & TEMPERATURE CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

±5.745-ACRE COMMERCIAL PROPERTY 3511 WEST 12TH STREET

HOUSTON, HARRIS COUNTY, TEXAS 77008 IHW SWR NO. 38591

Monitoring Well	Sample Date	Average pH	Average Temperature (°C)
MW-1	6/6/2022	6.34	27.90
	9/27/2022	6.54	29.93
10100-1	12/12/2022	6.66	26.53
	3/22/2023	6.46	24.00
	6/6/2022	6.45	26.38
MW-2	9/27/2022	6.68	27.81
IVIVV-2	12/12/2022	6.63	25.48
	3/22/2023	6.72	22.64
	6/6/2022	6.74	24.90
MW-3	9/27/2022	6.83	26.22
10100-3	12/12/2022	6.87	25.28
	3/21/2023	7.36	23.14
	6/6/2022	6.70	25.89
MW-4	9/27/2022	6.87	27.14
10100-4	12/13/2022	6.93	26.62
	3/22/2023	6.77	24.64
	6/6/2022	6.42	26.33
MW-5	9/27/2022	6.67	29.04
IVIVV-3	12/12/2022	6.82	26.24
	3/21/2023	6.33	23.94
	6/6/2022	6.72	23.99
MW-6	9/27/2022	6.87	25.01
IVIVV-O	12/12/2022	6.99	24.34
	3/21/2023	6.81	22.98
	9/27/2022	7.34	25.20
MW-7	12/13/2022	7.29	25.12
	3/22/2023	7.02	23.34



[&]quot;°C" represents degrees Celsius.

[&]quot;IHW" represents Industrial Hazardous Waste

[&]quot;SWR" represents Solid Waste Registration.

Appendix H – Contamination Exceedance Without MSD_

The RALs for COCs in soil are generally the TRRP Tier 1 or (calculated, site-specific) Tier 2 Residential ^{GW}Soil_{Ing} PCLs for a 0.5-acre sources area unless a TRRP Tier 2 Residential ^{GW}Soil_{Ing} PCL was calculated and is greater than its applicable TRRP Tier 1 Residential ^{Tot}Soil_{Comb} PCL for a 0.5-acre source area. As such, the lower (i.e., more conservative) TRRP Tier 1 Residential PCL for a 0.5-acre source area is considered the RAL. The RALs for COCs in groundwater are the TRRP Tier 1 Residential ^{GW}GW_{Ing} PCLs.

Based on soil and groundwater assessment activities conducted to date for the designated property, exceedances of the applicable RALs without an MSD are limited to the following:

Uppermost GWBU: 1,1-DCE