

CITY OF HOUSTON



**HOUSTON PUBLIC WORKS
HOUSTON WATER DIVISION**

EXECUTIVE SUMMARY

See following pages.

EXECUTIVE SUMMARY

Site Background and Environmental Setting

The Site consists of approximately 11.08 acres of grass-covered land within one (1) land parcel owned by Aga Khan Foundation U.S.A. (AKF-USA), with its local entity known as Imara Houston. The Site is to be developed into the Ismaili Center Houston (ICH), which will consist of an educational/cultural outreach building with landscaped grounds and below-ground parking. The Site is located in a high-rent district in downtown Houston and is surrounded by mixed-use, multi-family residential and commercial properties, a cemetery, and a public park between the Site and Buffalo Bayou, the major drainage feature within the City. Various studies conducted by Intertek PSI (PSI) in 2019 before the initiation of Wild Associates LLC's (WA) TCEQ Affected Property Assessment Report (APAR) indicated environmental risks associated with a former Houston Lighting & Power facility, former underground storage tanks, and a former rail spur.

The APAR was submitted to TCEQ on July 13, 2021. In a July 22, 2021 letter (attached), TCEQ requested that more soil sampling be conducted to evaluate metals and that more groundwater monitoring wells be installed. WA conducted the requested work and submitted APAR Addendum #1 on September 30, 2021. In an October 25, 2021 letter (attached), TCEQ requested additional wells to delineate off-site, impacted groundwater. WA conducted the requested work and submitted APAR Addendum #2 on June 30, 2022. In a July 22, 2022 letter (attached), TCEQ stated that (1) the impacted groundwater plume had been delineated, (2) TCEQ understands that AKF intends to develop a Response Action Plan that addresses soils with COCs above the Total-Soil-Combined PCLs using physical controls, and (3) the APAR cannot be approved until the MSD is approved by the City of Houston.

Exposure Pathway and Potential Receptor Summary

Preliminary to defining the extent of impact at the Site, an evaluation of potential receptors and exposure pathways was completed. The procedure eliminated ecological receptors and eliminated all exposure pathways except soils and groundwater.

The complete or reasonably expected to be complete pathways are Total-Soil-Combined, soil leaching to groundwater, and groundwater ingestion. The objective of this Municipal Setting Designation (MSD) application is to remove groundwater as a medium of concern for continual monitoring or remediation. Since groundwater will no longer be an exposure pathway of concern under this scenario, the soil leaching to groundwater pathway will not be a concern under Site development plans, leaving only the Total-Soil-Combined pathway for development of TCEQ critical Protective Concentration Levels (PCL). The data gathered for the APAR indicate that VOCs, TPH, and metals are COCs for soil and groundwater and are confined to the southern half of the Site within the footprint of the former HL&P facility. Groundwater VOCs have migrated off site to the east and west, but the potential for contact with humans is negligible, and the groundwater plume has been delineated. No utilities or sensitive ecological receptors have been impacted.

Assessment Results

The assessment indicated the following:

1. The Site has two tiers, i.e., the southern, upper tier is elevated about 10 ft above the northern, lower tier, as demarcated by an abrupt grade change near the center of the Site. The Groundwater Bearing Unit (GWBU) is contaminated with VOCs and arsenic above TCEQ Tier 1 Residential PCLs for established Chemicals of Concern (COC) in the upper tier of the Site beneath the footprints of the former HL&P facility and the Ismaili Center Houston. No non-aqueous phase liquids were encountered. The GWBU plume is stable and is being monitored biannually until the APAR and MSD application are approved; TCEQ has given tentative approval to the APAR, subject to the City approving this MSD application. The northern, southern, eastern, and western extents of the plume that define the Protective Concentration Exceedance Zone (PCLE) have been delineated. The dominant direction of flow is to the north and north-northwest toward Buffalo Bayou about 1,200 ft away, but there are lateral components to the east and west. The plume is expected to decrease through natural attenuation.
2. Certain metals and TPH exceed their respective soil leaching to groundwater Tier 1 Res PCLs. TPH exceeds the soil leaching to groundwater Tier 1 Res PCL in a former UST area where soils were excavated for a UST location survey conducted during a prior study; side and bottom samples indicated levels lower than Tier 1 Res PCLs, but the excavated soils were placed back into the excavation and are currently under construction fill material but will be paved over as an engineering control barrier for the future Response Action Plan. Metals and TPH PCLs are proposed for elimination as critical PCLs due to the proposed elimination of the GWBU as a pathway via the City's MSD program. Under this scenario, only metals exceeding the Total-Soil-Combined critical Tier 1 PCLs would remain as critical PCLs.
3. Certain metals exceed Total-Soil-Combined Tier 1 PCLs in very isolated areas of the Site, and their specific sources are unknown but could relate to fill material around the former rail spur and debris left from the demolition of the HL&P facility sometime between 2006 and 2008. The metals define the Total-Soil-Combined critical PCLs in the upper 5 ft considered surface soils in a Commercial/Industrial setting. The ongoing construction of the ICH building has removed much of the impacted soils; any remaining impacted soils will be included in a future Response Action Plan and Response Action Completion Report submitted to TCEQ.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Via Email

July 22, 2021

Mr. Abdul Javery
Imara Houston, Inc.
1700 First Colony Blvd.
Sugar Land, Texas 77098

Re: Comments and Request for Information
Affected Property Assessment Report, dated July 13, 2021
Ismaili Center Houston Site
2323 Allen Parkway, Houston, Harris County
T No. 3626, RN101891372, CN601032311

Dear Mr. Javery:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the above-referenced Affected Property Assessment Report (APAR). Please see the comments and request for information below. The comments do not require a response. Please submit an APAR addendum, addressing the information requested, within 60 days from the date of this letter.

Comments

1. The TCEQ concurs that the critical protective concentration level (PCL) for metals in soils is the ^{TotSoil}Combo pathway. This is based on that there were no metals, other than arsenic, that exceeded a PCL in groundwater. The concentrations for arsenic in groundwater samples shown on the chemicals of concern (COCs) concentration figures and COCs concentrations summary tables are low enough to be naturally occurring. However, a much higher concentration of arsenic (0.61 mg/l) is shown on Table 5A. That concentration, if correct, would very likely not be naturally occurring.
2. Considering the size of the site and that lead, arsenic, and barium were reported with elevated concentrations at select locations, more sample locations are needed.
3. The only volatile organic chemical (VOC) to exceed the ^{GWSoil}Ing PCL in soils was 1,1,2,2-tetrachloroethane at sample location SB-11. Since that chemical was not detected in the groundwater samples, the concentration does not exceed the critical PCL (^{TotSoil}Combo).

Request for Information

4. Per item 1 above, please clarify if the 0.61 mg/l concentration is correct.
5. Please delineate lead and arsenic in the vicinity of sample location EB-9 0-1 where they were reported with concentrations substantially above the critical PCL. At each new

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sample location, samples should be collected from 0-1 and 1-2 feet below ground surface (bgs) and analyzed for arsenic and lead.

6. Per item 2 above, please complete more borings in locations that will provide adequate coverage of the site. At each boring location, please collect a soil sample from 0-1 and 1-2 feet bgs and analyze the samples for arsenic, barium, and lead.
7. Please install monitor wells approximately 100 feet north and south of MW-3 and near the property line to delineate VOCs. Please also install a well near MW-3 near the property line to determine if affected groundwater extends off-site.
8. Please install a monitor well south of MW-4 approximately 100 feet from MW-4 and near the property line to delineate VOCs. Please also install a well near MW-4 near the property line to determine if affected groundwater extends off-site.

Questions concerning this letter should be directed to me at (512) 239-2378. When responding by mail, please submit one paper copy and one electronic copy (on USB or disc) of all correspondence and reports to the TCEQ Remediation Division at Mail Code MC-127. An additional copy should be submitted in electronic format to the local TCEQ Region Office. The information in the reference block should be included in all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to the Remediation Division and should be affixed to the front of your submittal. The Correspondence ID Form helps ensure that your documents are identified correctly and are routed to the applicable program for a timely response.

Sincerely,



Mike Duffin, Ph.D., P.G.
Corrective Action, VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

cc: Ms. Alma Jefferson, Waste Section Manager, TCEQ Region 12 Office, Houston, via email

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Via Email

October 25, 2021

Mr. Abdul Javery
Imara Houston, Inc.
1700 First Colony Blvd.
Sugar Land, Texas 77098

Re: Partial Approval with Comments and Request for Information
Affected Property Assessment Report Addendum, dated September 30, 2021
Ismaili Center Houston Site
2323 Allen Parkway, Houston, Harris County
T No. 3626, RN101891372, CN601032311

Dear Mr. Javery:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the above-referenced Affected Property Assessment Report (APAR) addendum. Please see the request for information below. The comments do not require a response. Please submit a second APAR addendum that addresses off-site groundwater within 60 days from the date of this letter.

Comments

1. All request for information items given in the TCEQ's letter, dated July 22, 2021, have been adequately addressed.
2. A deed notice establishing commercial/industrial (C/I) land use will be required if C/I protective concentration levels will be used.
3. The information provided does not support that the on-site affected groundwater is due to an off-site source.
4. The information provided is not sufficient to demonstrate that the source for the affected groundwater at the site is located off-site.

Request for Information

5. Please delineate the affected groundwater off-site in the vicinity of MW-10 and MW-12. Please gain off-site access and install a well approximately 100 feet west of MW-10 and approximately 100 feet east of MW-12, sample the groundwater, and analyze the samples for volatile organic chemicals (VOCs). If the VOC concentrations in the off-site wells are substantially higher than those on-site, the TCEQ will likely conclude that the on-site

Mr. Avery
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T No. 3626

affected groundwater is from an off-site source. However, if those conditions do not exist, then additional off-site delineation wells may be required.

Questions concerning this letter should be directed to me at (512) 239-2378. When responding by mail, please submit one electronic copy (on USB or disc) of all correspondence and reports to the TCEQ Remediation Division at Mail Code MC-127. An additional copy should be submitted in electronic format to the local TCEQ Region Office. The information in the reference block should be included in all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to the Remediation Division and should be affixed to the front of your submittal. The Correspondence ID Form helps ensure that your documents are identified correctly and are routed to the applicable program for a timely response.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Duffin".

Mike Duffin, Ph.D., P.G.
Corrective Action, VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

cc: Ms. Alma Jefferson, Waste Section Manager, TCEQ Region 12 Office, Houston, via email

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Via Email

July 22, 2022

Mr. Abdul Javery
Imara Houston, Inc.
1700 First Colony Blvd.
Sugar Land, Texas 77098

Re: Comments and Request for Information
Requested Information – APAR Addendum #2, dated June 30, 2021
Ismaili Center Houston Site
2323 Allen Parkway, Houston, Harris County
T No. 3626, RN101891372, CN601032311

Dear Mr. Javery:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the above-referenced Affected Property Assessment Report (APAR) Addendum. Please see the request for information below. The comments do not require a response.

Comments

1. In its October 25, 2022 letter, the TCEQ requested that affected groundwater be delineated off-site in the vicinity of MW-10 and MW-12.
2. Two monitor wells (MW-15 and MW-16) were installed in April 2022 off-site to establish delineation. For various reasons, the wells were installed at a substantial distance (approximately 600 feet) away from the site.
3. The chemicals of concern detected in the groundwater sample collected from MW-15 were some of the same chlorinated aliphatic hydrocarbons (CAHs) as those on-site. The concentrations for the CAHs were below the protective concentration levels (PCLs). The single chemical detected in the groundwater sample collected from MW-16 [p-isopropyl toluene (IT)] was reported at an estimated concentration below the PCL. IT is not present in on-site groundwater.
4. The TCEQ concurs that groundwater is delineated off-site.
5. The TCEQ understands that Imara Houston (Imara) intends to submit a Response Action Plan and propose to address the soils with COC concentrations above ^{Tot}Soil_{Comb} PCLs using building/parking garage concrete foundation as a physical control. Imara intends to address affected groundwater, both on-site and off-site, using a Municipal Settings Designation (MSD).

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6. The TCEQ cannot approve the APAR until the MSD is approved by the COH.

Request for Information

7. Please provide a status update on October 1, 2022 concerning the proposed MSD.
8. Please complete semi-annual groundwater monitoring until a decision is made by the COH on the MSD application.

Questions concerning this letter should be directed to me Michael.Duffin@tceq.texas.gov. When responding by mail, please submit one electronic copy (on USB or disc) of all correspondence and reports to the TCEQ Remediation Division at Mail Code MC-127. An additional copy should be submitted in electronic format to the local TCEQ Region Office. The information in the reference block should be included in all submittals. Note that the electronic and hard copies should be identical, complete copies. A Correspondence ID Form (TCEQ Form 20428) must accompany each document submitted to the Remediation Division and should be affixed to the front of your submittal. The Correspondence ID Form helps ensure that your documents are identified correctly and are routed to the applicable program for a timely response.

Sincerely,



Mike Duffin, Ph.D., P.G.
Corrective Action, VCP-CA Section
Remediation Division
Texas Commission on Environmental Quality

cc: Ms. Alma Jefferson, Waste Section Manager, TCEQ Region 12 Office, Houston, via email

Appendix A

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

The following documents are included in this Appendix A:

- Site Survey Plat
- Site Special Warranty Deed

STATE OF TEXAS COUNTY OF HARRIS We, AMERITON PROPERTIES INCORPORATED, a Maryland corporation, represented herein by Jeffrey A. Jones its President and Leslie S. Hamilton its Administrative Assistant, its Robynsey and Charles E. Robinson its Assistant, hereinafter referred to as Owners of the 11.31 acre tract described in the above and foregoing map of VILLAGE AT ALLEN PARKWAY SEC. 1, do hereby make and establish said subdivision and development plan of said property according to all lines, dedications, restrictions and notations on said maps or plot and hereby dedicate to the use of the public forever, all streets (except those streets designated as private streets, or permanent access easements), alleys, parks, water courses, drains, easements and public places shown thereon for the purposes and considerations therein expressed; and do hereby bind ourselves, our heirs, successors and assigns to warrant and forever defend the title on the land so dedicated.

FURTHER, Owners have dedicated and by these presents do dedicate to the use of the public for public utility purposes forever unobstructed aerial easements. The aerial easements shall extend horizontally an additional eleven feet, six inches (11' 6") for ten feet (10' 0") perimeter ground easements or seven feet, six inches (7' 6") for fourteen feet (14' 0") perimeter ground easements or five feet, six inches (5' 6") for sixteen feet (16' 0") perimeter ground easements, from a plane sixteen feet (16' 0") above ground level upward, located adjacent to and adjoining said public utility easements that are designed with aerial easements (U.E. and A.E.) as indicated and depicted hereon, whereby the aerial easement totals twenty one feet, six inches (21' 6") in width.

FURTHER, Owners have dedicated and by these presents do dedicate to the use of the public for public utility purpose forever unobstructed aerial easements. The aerial easements shall extend horizontally an additional ten feet (10' 0") for ten feet (10' 0") back-to-back ground easements, or eight feet (8' 0") for fourteen feet (14' 0") back-to-back ground easements or seven feet (7' 0") for sixteen feet (16' 0") back-to-back ground easements, from a plane sixteen feet (16' 0") above ground level upward, located adjacent to both sides, and adjoining said public utility easements that are designed with aerial easements (U.E. and A.E.) as indicated and depicted hereon, whereby the aerial easement totals thirty feet (30' 0") in width.

FURTHER, Owners do hereby covenant and agree that all of the property within the boundaries of this plat is hereby restricted to prevent the drainage of any septic tanks into any public or private street, permanent access easement, road or alley or any drainage ditch, either directly or indirectly.

FURTHER, Owners do hereby dedicate to the public a strip of land fifteen (15) feet wide on each side of the center line of any and all bays, creeks, gullies, ravines, draws, sloughs, or other natural drainage courses located in said plat, as easements for drainage purposes, giving the City of Houston, Harris County, or any other governmental agency, the right to enter upon said easement at any and all times for the purpose of construction and maintenance of drainage facilities and structures.

FURTHER, Owners do hereby covenant and agree that all of the property within the boundaries of this plat and adjacent to any drainage easement, ditch, gully, creek or natural drainage way shall be restricted to keep such drainage ways and easements clear of fences, buildings, planting and other obstructions to the operations and maintenance of the drainage facility and that such abutting property shall not be permitted to drain directly into this easement except by means of an approved drainage structure.

FURTHER, Owners hereby certify that this replat does not attempt to alter, amend, or remove any covenants or restrictions; we further certify that no portion of the preceding plat was limited by deed restriction to residential use for not more than two (2) residential units per lot.

IN TESTIMONY WHEREOF, the AMERITON PROPERTIES INCORPORATED, a Maryland corporation, has caused these presents to be signed by Jeffrey A. Jones its President, thereunto authorized, attested by its Administrative Assistant LESLIE S. HAMILTON, this 18th day of October, 2004.

AMERITON PROPERTIES INCORPORATED a Maryland corporation Attest: Leslie S. Hamilton Printed Name: Leslie S. Hamilton Title: Administrative Assistant

STATE OF Colorado COUNTY OF ARAPAHOE BEFORE ME, the undersigned authority, on this day personally appeared Jeffrey A. Jones its President and Leslie S. Hamilton its Administrative Assistant of AMERITON PROPERTIES INCORPORATED, a Maryland corporation, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein stated and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 18th day of October, 2004. Notary Public in and for the State of Colorado Commission Expires: 6/25/06

IN TESTIMONY WHEREOF, the ARTHUR GARFIELD ROBINSON AND MARIE LAVERNE ROBINSON REVOCABLE TRUST, has caused these presents to be signed by Marie Laverne Robinson its Trustee, thereunto authorized, attested by Charles E. Robinson its Assistant, this 29th day of September, 2004.

ARTHUR GARFIELD ROBINSON AND MARIE LAVERNE ROBINSON REVOCABLE TRUST Attest: Charles E. Robinson Printed Name: Charles E. Robinson Title: Assistant

STATE OF TEXAS COUNTY OF HARRIS BEFORE ME, the undersigned authority, on this day personally appeared Marie Laverne Robinson its Trustee and Charles E. Robinson its Assistant of ARTHUR GARFIELD ROBINSON AND MARIE LAVERNE ROBINSON REVOCABLE TRUST known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 29th day of September, 2004. Notary Public in and for the State of Texas Commission Expires: 07/07/05

I, Paul A. Jurica, Jr., am registered under the laws of the State of Texas to practice the profession of surveying and hereby certify that the above subdivision is true and correct; was prepared from an actual survey of the property made under my supervision on the ground; that all boundary corners, angle points, points of curvature and other points of reference have been marked with iron (or other suitable permanent metal) pipes or rods have an outside diameter of not less than three quarter (3/4) inch and a length of not less than three (3) feet; and that the plot boundary corners have been tied to the nearest survey corner.

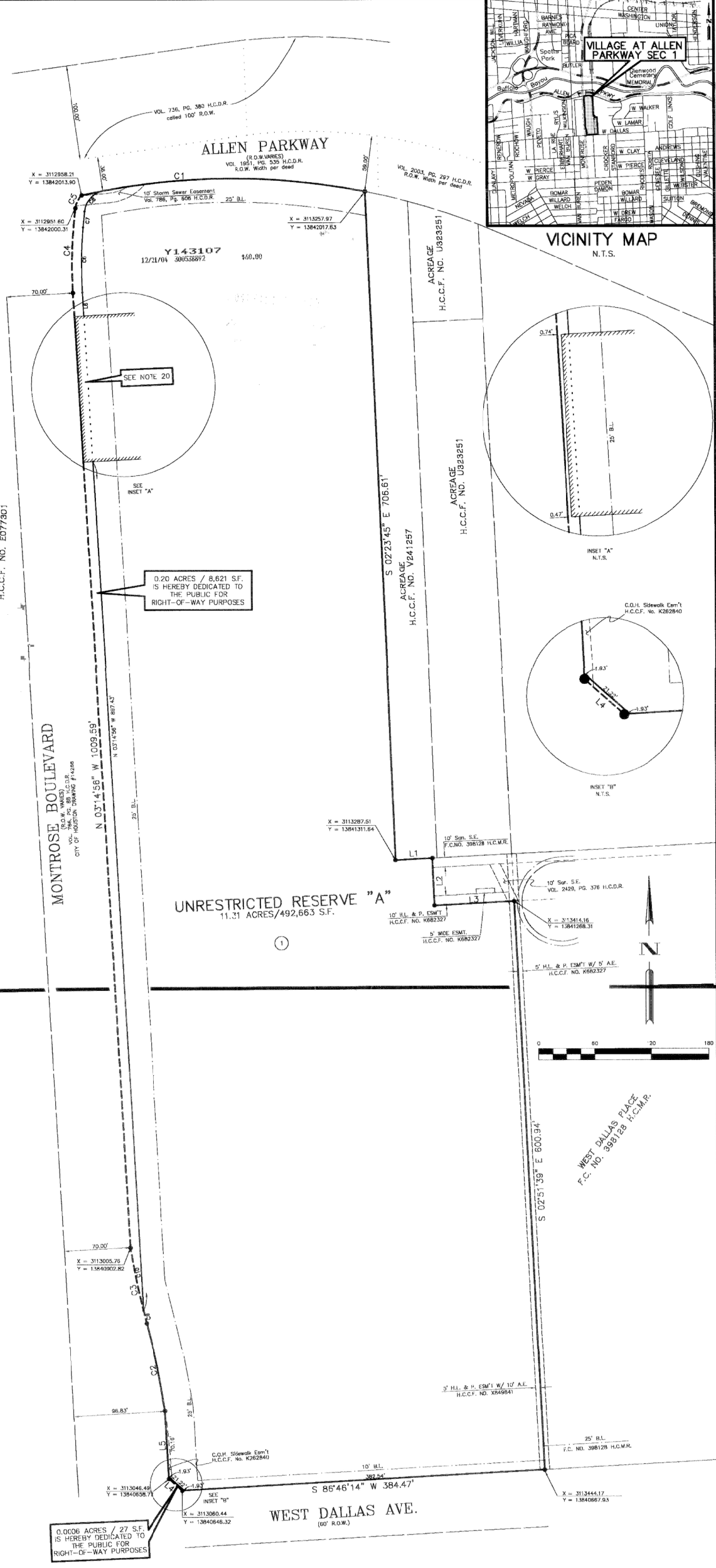
This is to certify that the Houston Planning Commission of the City of Houston, Texas has approved this plot and subdivision of VILLAGE AT ALLEN PARKWAY SEC. 1, in conformance with the laws of the State of Texas and the ordinances of the City of Houston as shown hereon and authorized the recording of this plat this 15th day of Dec, 2004.

By: Robert M. Litke Chairman Secretary

I, Beverly B. Kaufman, Clerk of the County Court of Harris County, Texas, do hereby certify that the within instrument with certificate of authentication was filed for registration in my office on Dec. 21, 2004, at 1:59 o'clock, P.M., and duly recorded on Dec. 22, 2004, at 9:15 o'clock; A.M. and at Film Code No. 572259 of the Map Records of Harris County for said County.

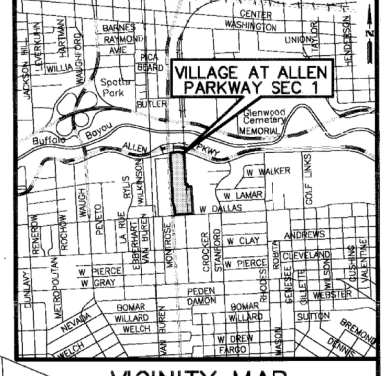
Witness my hand and seal of office, at Houston, the day and date last above written. BEVERLY B. KAUFMAN Beverly B. Kaufman Clerk of the County Court Harris County, Texas Deputy EDWINA V. HALL

- GENERAL NOTES 1. "U.E." indicates "Utility Easement". 2. "B.L." indicates "Building Line". 3. "W.L.E." indicates "Water Line Easement". 4. "W.M.E." indicates "Water Meter Easement". 5. "F.H.E." indicates "Fire Hydrant Easement". 6. "SAN. S.E." indicates "Sanitary Sewer Easement". 7. "STW. S.E." indicates "Storm Sewer Easement". 8. "D.E." indicates "Drainage Easement". 9. "A.E." indicates "Aerial Easement". 10. "H.C.C.F." indicates Harris County Clerk's File Number. 11. "H.C.M.R." indicates Harris County Map Records. 12. "H.C.D.R." indicates Harris County Deed Records. 13. "O.P.R.O.R.P." indicates Official Public Records of Real Property. 14. The coordinate shown hereon are Texas South Central Zone no. 4204 State Plane Grid Coordinates (NAD83) and may be brought to surface by applying the following combined scale 1.0001062213. 15. The square footage value shown hereon is a mathematic value based upon the boundary data shown hereon. This value has no relation to the precision of closure of this survey or the position of corner monuments recovered or placed. 16. Unless otherwise indicated, the building lines [B.L.], whether one or more, shown on this subdivision plot are established to evidence compliance with the applicable provisions of Chapter 42, Code of Ordinances, City of Houston, in effect at the time this plat was approved, which may be amended from time to time. 17. Site Drainage Plans for the future development of this reserve must be submitted to the Harris County Flood Control District and the code enforcement division of Planning and Development Department of the City of Houston. 18. This tract is subject to Chapter 47, Article XII, Division 2, of the City of Houston's Code of Ordinances. Accordingly a Storm Water Quality Permit may need to be obtained before the issuance of any construction permit, as that term is defined in Division 2, for all or part of the tract. 19. Any additional structures or additions must adhere to the building line as shown on this plat. In addition, if the existing structure(s) is ever demolished, then any replacement structure(s) shall adhere to the building line shown on this plat. 20. If existing structure(s) is ever demolished, then this 0.035 AC. / 1,543 S.F. is hereby dedicated to the public for right-of-way purposes and any replacement structure(s) shall adhere to the building line shown on this plat.



CURVE DATA table with columns: NUMBER, RADIUS, DELTA, ARC LENGTH (FT.), CHORD BEARING, CHORD DISTANCE (FT.).

LINE DATA table with columns: NUMBER, BEARING, DISTANCE.



VILLAGE AT ALLEN PARKWAY SEC. 1 A SUBDIVISION OF 11.31 ACRES OF LAND BEING A PARTIAL REPLAT OF LOT 7 AND ALL OF LOTS 1-6 OF THE PIZZITOLA AND GRECCO SUBDIVISION... BROWN & GAY CIVIL ENGINEERS & SURVEYORS

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

9
WD

SPECIAL WARRANTY DEED

STATE OF TEXAS §
 § KNOW ALL PERSONS BY THESE PRESENTS THAT:
COUNTY OF HARRIS §

X

AMERITON PROPERTIES INCORPORATED, a Maryland corporation ("Grantor"), for and in consideration of the sum of Ten Dollars (\$10.00) paid to Grantor and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, BARGAINED, SOLD, and CONVEYED and by these presents does hereby GRANT, BARGAIN, SELL and CONVEY unto AGA KHAN FOUNDATION U.S.A., a District of Columbia non-profit corporation ("Grantee"), whose mailing address is 1825 K Street, NW, Suite 901, Washington, D.C. 20006, the real property described in Exhibit A attached hereto, including the buildings and improvements located thereon and all appurtenances of the above-described real property, including (i) easements or rights-of-way relating thereto and (ii) without warranty, all right, title, and interest, if any, of Grantor in and to licenses, development rights, air rights, water rights, wastewater, fresh water, storm sewer or other utilities capacity or service commitments and allocations, offsite surface water retention commitments and allocations acquired by Grantor or any predecessor owner to serve such real property and any credits for any related capital recovery charges paid therefor by Grantor or any predecessor owner of such real property (whether constituting real or personal property), utility or other special tax district receivables and other rights to reimbursement in respect of such real property or any onsite or offsite improvements to it; and, without warranty, all right, title, and interest, if any, of Grantor in and to the land lying within any street, alley or roadway adjoining the real property described above or any vacated or hereafter vacated street, alley or roadway adjoining said real property (collectively, the "Property").

Lee

This conveyance is made and accepted subject to those matters set forth in Exhibit B attached hereto, but only to the extent that the same are validly existing and affect the Property (the "Permitted Exceptions").

TO HAVE AND TO HOLD the Property, subject to the Permitted Exceptions, unto Grantee and its successors and assigns forever; and, subject to the Permitted Exceptions, Grantor does hereby bind itself and its successors and assigns to warrant and forever defend the Property unto Grantee and its successors and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under Grantor, but not otherwise.

Ad valorem taxes with respect to the Property for the current year have been prorated as of the dated hereof. By acceptance of this deed, Grantee assumes and agrees to pay and indemnifies and agrees to hold Grantor harmless from and against all ad valorem taxes relating to the Property, for the current and all subsequent years, and for the current year and/or prior years arising out of a change in usage or ownership of the Property by Grantee on or after the

HP 426-97-1383

date hereof (including, without limitation, any rollback or other additional taxes payable under the terms of Section 23.46 or Section 23.55 of the Texas Tax Code, as amended, or similar laws); provided, however, that Grantor agrees to pay and indemnifies and agrees to hold Grantee harmless from and against any additional ad valorem taxes relating to the current year and/or prior years arising out of a change in usage or ownership of the Property by Grantor prior to the date hereof (including, without limitation, any rollback or other additional taxes payable under the terms of Section 23.46 or Section 23.55 of the Texas Tax Code, as amended, or similar laws).

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RR 026-97-1384

IN WITNESS WHEREOF, this Special Warranty Deed has been executed by Grantor to be effective as of the date set forth below.

DATE: Aug 25, 2006

GRANTOR:

AMERITON PROPERTIES
INCORPORATED, a Maryland corporation

10R

By: Neil T. Brown
Name: Neil T. Brown
Title: EVP

STATE OF Florida §
 §
COUNTY OF Palm Beach §

This instrument was acknowledged before me on Aug. 25, 2006, by Neil T. Brown, EVP of AMERITON PROPERTIES INCORPORATED, a Maryland corporation, on behalf of said corporation.

Candice M. Redman
Notary Public

[Seal]



Candice M. Redman
MY COMMISSION # DD251430 EXPIRES
October 25, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

HP 626-57-1305

EXHIBIT A

(Legal Description of the Property)

[See Attached]

MP 026-97-1306

VILLAGE AT ALLEN PARKWAY
11.08 ACRES

JUNE 28, 2006
JOB NO. SCM16-T2
PAGE 1 OF 3

DESCRIPTION OF A 11.08 ACRE TRACT OF LAND SITUATED
IN THE JOHN AUSTIN SURVEY, ABSTRACT NO. 1
CITY OF HOUSTON, HARRIS COUNTY, TEXAS

BEING a 11.08 acre tract of land in the John Austin Survey, A-1, City of Houston, Harris County, Texas, and being all of the remainder of a called 11.31 acre tract of land described as Unrestricted Reserve "A" of Village at Allen Parkway Section 1, a subdivision of record under Film Code No. 572259 of the Harris County Map Records (H.C.M.R.), said 11.08 acre tract of land being more particularly described by metes and bounds as follows:

Bearing Orientation is based on the Texas State Plane Coordinate System (South Central Zone) NAD83. All distances given in the following description are surface values and may be converted to grid values by dividing by the combined adjustment factor of 1.0001062213.

BEGINNING at a 5/8-inch iron rod with cap stamped "BROWN & GAY" found for the southeast corner of said Unrestricted Reserve "A" and being in the northern right-of-way line of West Dallas Avenue (60-foot width);

THENCE, S 86°46'14" W, a distance of 382.54 feet along the said northern right-of-way line to a 5/8-inch iron rod with cap stamped BROWN & GAY set for a southerly cutback corner, from which a found 5/8-inch iron rod with cap stamped H.L.&P. bears S 85°55' W, 1.30 feet;

THENCE, N 48°14'56" W, a distance of 21.22 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the northerly cutback corner and being in the eastern right-of-way line of Montrose Boulevard (width varies) as per City of Houston Drawing # 14266 and the plat recorded under Film Code No. 572259 of the H.C.M.R.;

THENCE, along the eastern right-of-way of said Montrose Boulevard and the west lines of the herein described tract the following ten (10) courses:

N 03°14'56" W, a distance of 70.02 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the point of curvature of a curve to the left;

In a northwesterly direction, 94.48 feet along the arc of said curve to the left having a radius of 774.44 feet, a central angle of 06°59'23" and whose chord bears N 11°47'16" W, 94.42 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the point of reverse curvature;

In a northwesterly direction, 14.14 feet along the arc of a curve to the right having a radius of 789.47 feet, a central angle of 01°01'34" and whose chord bears N 14°43'48" W, 14.14 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the end of said curve;

N 03°14'56" W, a distance of 897.43 feet to a point for corner at the edge of an existing building;

VILLAGE AT ALLEN PARKWAY

11.08 ACRES

PAGE 2 OF 3

S 86°45'04" W, a distance of 10.00 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for corner;

N 03°14'56" W, a distance of 154.30 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for corner;

N 86°45'04" E, a distance of 10.00 feet to a point for corner at the edge of an existing building;

N 03°14'56" W, a distance of 24.64 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the point of curvature of a curve to the right;

In a northeasterly direction, 85.79 feet along the arc of said curve to the right having a radius of 483.50 feet, a central angle of 10°10'01" and whose chord bears N 01°50'04" E, 85.68 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY set for the point of compound curvature of a curve to the right;

In a northeasterly direction, 30.74 feet along the arc of said curve to the right having a radius of 25.00 feet, a central angle of 70°27'30" and whose chord bears N 41°46'00" E, 28.84 feet a 5/8-inch iron rod with cap stamped BROWN & GAY set for the most northerly northwest corner of the herein described tract and being in the southern right-of-way line of Allen Parkway (width varies) as described in Volume 736, Page 380 and Volume 1951, Page 535 of the Harris County Deed Records (H.C.D.R.);

THENCE, along said southern right-of-way and the north line of the herein described tract 279.19 feet along the arc of a curve to the right having a radius of 729.39 feet, a central angle of 21°55'52" and whose chord bears S 89°49'05" E, 277.49 feet to a 5/8-inch iron rod with cap stamped BROWN & GAY found for the northeast corner of the herein described tract and the northwest corner of a called 7.353 acre tract being ZOM HOUSTON, a subdivision of record under Film Code No. 560006 of the H.C.M.R.;

THENCE, S 02°23'45" E, along the line common to said Unrestricted Reserve "A" and said 7.353 acre tract 706.61 feet to a 5/8-inch iron rod with cap stamped "BROWN & GAY" found for the southwest corner of said 7.353 acre tract and being an interior ell corner of said Unrestricted Reserve "A";

THENCE, N 86°57'14" E, a distance of 40.02 feet to a 5/8-inch iron rod with cap stamped "BROWN & GAY" set for an exterior ell corner of said Unrestricted Reserve "A";

THENCE, S 02°22'06" E, a distance of 50.00 feet to a 5/8-inch iron rod with cap stamped "BROWN & GAY" set for an interior ell corner of said Unrestricted Reserve "A";

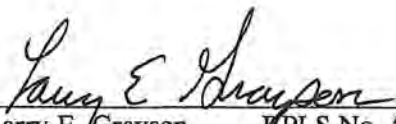
THENCE, N 86°57'14" E, a distance of 84.73 feet to a 5/8-inch iron rod with cap stamped "BROWN & GAY" set for the most easterly northeast corner of said Unrestricted Reserve "A" and the northwest corner of West Dallas Place, a subdivision of record under Film Code No. 398128 of the H.C.M.R.;

VILLAGE AT ALLEN PARKWAY
11.08 ACRES
PAGE 3 OF 3

THENCE, S 02°51'39" E, a distance of 600.94 feet along the line common to said Unrestricted Reserve "A" and said West Dallas Place to the **POINT OF BEGINNING** and containing 11.08 acres of land.

This metes and bounds description was prepared in conjunction with an on the ground survey during the month of June, 2006.




Larry E. Grayson KPLS No. 5071
Brown & Gay Engineers, Inc.
11490 Westheimer Road, Suite 700
Houston, Texas 77077
Telephone: (281) 558-8700

Revised 08/23/06

KP 826-97-1389

EXHIBIT B

(Permitted Exceptions)

1. Standby fees, taxes and assessments by any taxing authority for the year 2006, and subsequent years; and subsequent taxes and assessments by any taxing authority for prior years due to change in land usage or ownership by Grantee on or after the date hereof.
2. Restrictive covenants contained in the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
3. A sidewalk and utility easement granted to the City of Houston by instrument filed for record under County Clerk's File No. K262840 of the Official Public Records of Real Property of Harris County, Texas.
4. Storm sewer easement granted to the City of Houston, as located and defined by instrument recorded in Volume 786, Page 606 of the Map Records of Harris County, Texas, and as reflected by the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
5. Building set back line twenty-five (25) feet in width along the north property line, as reflected by the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
6. Encroachment of building into the building set back line described in item 5 above.
7. Building set back line twenty-five (25) feet in width along the portion of the property dedicated for the widening of Montrose Blvd., as reflected by the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
8. Encroachment of three buildings into the building set back line described in item 7 above.
9. Building set back line fifteen (15) feet in width along the south property line, as reflected by the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
10. Improvements extend over the area dedicated for the widening of Montrose Blvd., as shown on the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.
11. An easement five (5) feet in width along the most Easterly line of the subject property together with an unobstructed aerial easement ten (10) feet wide, from a plane twenty (20) feet above the ground upward located adjacent to said five (5) foot wide easement as reserved by Centerpoint Energy Houston Electric, LLC, a Texas limited liability company, as set forth in instrument recorded under Harris County Clerk's File No. X849841 and as reflected by the map filed for record in Film Code No. 572259 of the Map Records of Harris County, Texas.

12. 10' sanitary sewer easement off the easterly side of the property, Volume 2429, Page 376 Deed Records of Harris County, Texas.
13. Encroachment of chain link fence into Montrose Blvd. along the west side of the property.
14. All oil, gas and other minerals, the royalties, bonuses, rentals and all other rights in connection with the same are excepted herefrom as reserved in deed filed for record under County Clerk's File No. P609474 of the Official Public Records of Real Property of Harris County, Texas.

HP 026-97-1311

FILED
06 AUG 30 PM 3:14
Brenda B. Kaufman
COUNTY CLERK
HARRIS COUNTY, TEXAS

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

AUG 30 2006



Brenda B. Kaufman
COUNTY CLERK
HARRIS COUNTY, TEXAS

Appendix B

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

The Site originally consisted of approximately 11.08 acres of grass-covered land within one (1) land parcel owned by Aga Khan Foundation U.S.A. (AKF-USA). The Site is being developed into the Ismaili Center Houston (ICH), which will consist of an educational/cultural outreach building with landscaped grounds and below-ground parking. The Site is located in a high-rent district in downtown Houston and is surrounded by mixed-use, multi-family residential and commercial properties within 500 ft to the east, west and, south; a cemetery directly to the east; and a public park directly to the north between the Site and Buffalo Bayou, the major drainage feature within the City. With the exception to the multi-family properties immediately to the east, the properties to north, south, and west are separated from the Site with public streets.

Before acquisition by AKF, the Site was owned and operated by various commercial and/or industrial entities. As stated by PSI in their April 30, 2019 Phase I ESA report:

The site was developed by 1925 with multiple dwelling structures on the southeastern portion and Smith Brothers Concrete Mixing & Asphalt MFG. By the early 1950s, the Houston Lighting & Power Co. [HL&P] occupied the southwestern portion, multiple dwelling structures occupied the southeastern portion and Sears - Roebuck & Co. occupied the northern portion. Houston Lighting & Power Co. was noted with a "filling station" and repair shop on the western boundary of the site. By the late 1960s, the southern portion remains occupied by Houston Lighting & Power Co. with the dwelling structures now demolished and occupied with parking areas. The northern portion of the site was occupied by the Robinson Public Warehouse Co. in the late 1960s. These structures remained relatively unchanged with similar activities conducted until the early 2000s. By 2008, all structures were demolished and the site was noted as grass-covered land.

PSI also noted a rail spur along the eastern boundary of the Site and stated that the HL&P facility had been assigned a Solid Waste Registration number by the Texas Commission on Environmental Quality (TCEQ). TCEQ granted HL&P closure with No Further Action with respect to monitoring or remediation of hazardous materials, indicating that TCEQ considered the Site closed for further regulatory action. PSI noted the following ASTM-defined recognized environmental conditions:

Although granted Final concurrence by the TCEQ, the decades of fuel tank usage, repair facilities and unknown housekeeping practices of prior occupants, the historical activities at the site are considered a REC. This assessment has revealed the following evidence of RECs in connection with the subject property.

- Railroad spur identified on the eastern portion of the site, from the early 1920s until the mid-1990s.
- Prior PCB storage associated with the Houston Lighting & Power, located on the site from the early 1950s until the early 2000s.

- Identification of two (2) 250-gallon USTs "filled in place" and listed as installed in 1952 until approximately 1989.

The RECs discovered by PSI served as the basis for the rationale for conducting the TCEQ APAR.

Appendix C

A site map showing:

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

Attached appendices retain their APAR designation, if applicable. Otherwise, Appendix C denotes MSD specific appendices.

- a. Figure 1A: On-Site Property Map
- b. Appendix C-1 – FEMA Flood Plain Map
Appendix C-2 – Topographic Map
Appendix C-3 – Watershed Map
- c. Figure 5B-2.1 – Groundwater COC Concentration Map – VOC – mg/L
Figure 5B-2.2 – Groundwater COC Concentration Map – VOC – mg/L – Hydropunch Holes Only
- d. Figure 1B-1 – Affected Property Map – North
Figure 1B-2 – Affected Property Map – South
Figure 1B-3 – Affected Property Map – New MWs & Hydropunch Holes Only
- e. Figure 5A: Groundwater Gradient Map
- f. Figure 5B-2.3 – Groundwater COC Concentration Map – VOC – mg/L PCLE Zone
Figure 5B-2.4 – Groundwater COC Concentration Map – VOC – mg/L PCLE Zone w/
Proposed Building Footprint
- g. Figure 4C – Geologic Cross Section
Table 5D – Groundwater Measurement Summary

The groundwater monitoring program resulted in 16 wells that were sampled at least twice but for the majority at least four times over quarterly events. Where wells have been sampled less than four times, it is because they have become dry through construction dewatering or through inaccessibility caused by construction work. The off-site wells have been sampled twice, and all

remaining on-site wells will be monitored along with off-site wells semiannually per TCEQ instructions. A summary of the status of the wells is presented as follows:

MW-1: destroyed or covered with construction materials

MW-2: Plugged & Abandoned (P&A'd)

MW-3: P&A'd

MW-4: destroyed or covered with construction materials

MW-5: destroyed or covered with construction materials

MW-6: dry from construction dewatering

MW-7: P&A'd

MW-8: P&A'd

MW-9: P&A'd

MW-10: dry from construction dewatering

MW-11: accessible but inaccessible on more recent events due to construction work; dewatering impacts unknown.

MW-12: P&A'd

MW-13: P&A'd

MW-14: P&A'd

MW-15: off-site well

MW-16: off-site well



Figure 1A: On-Site Property Map

Source: Google Earth: December 3, 2018

Scale:
1" ≈ 500 ft

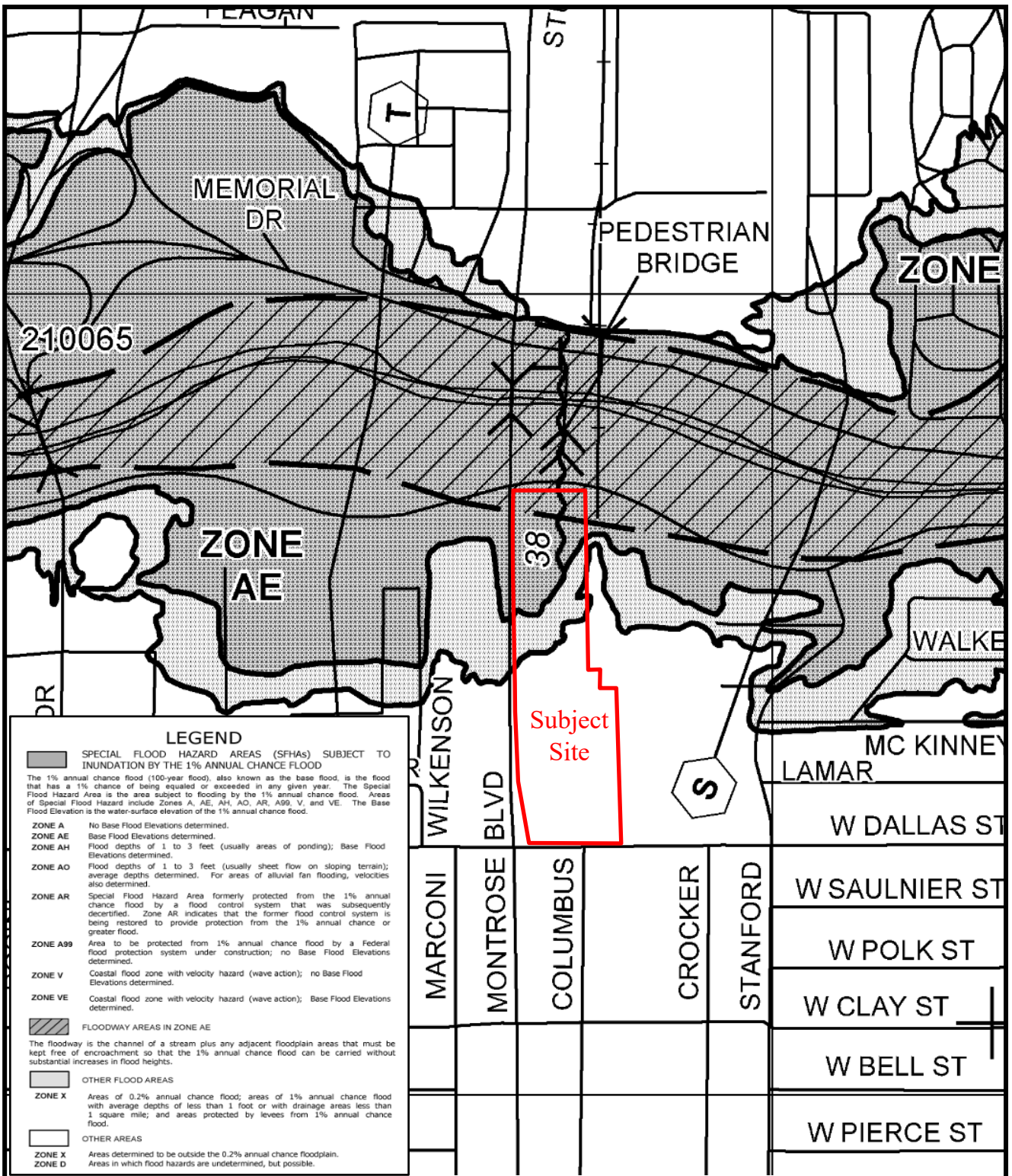


Project:
APAR – Ismaili Center
Allen Pkwy at Montrose Blvd
Houston, Harris County, Texas



Project No.: 20.01.013

Client:
Imara Houston, Inc.
Sugar Land, Texas



Appendix C-1 – FEMA Flood Plain Map

Source: FIRM No. 48201C0670M

Scale:
1" ≈ 800 ft



Project:
MSD – Ismaili Center
Allen Pkwy at Montrose Blvd
Houston, Harris County, Texas



Project No.: 20.01.013

Client:
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Sugar Land, Texas



Appendix C-2 – Topographic Map
 Source: USGS Houston Heights Quadrangle 2022

Scale:
 1" ≈ 400 ft

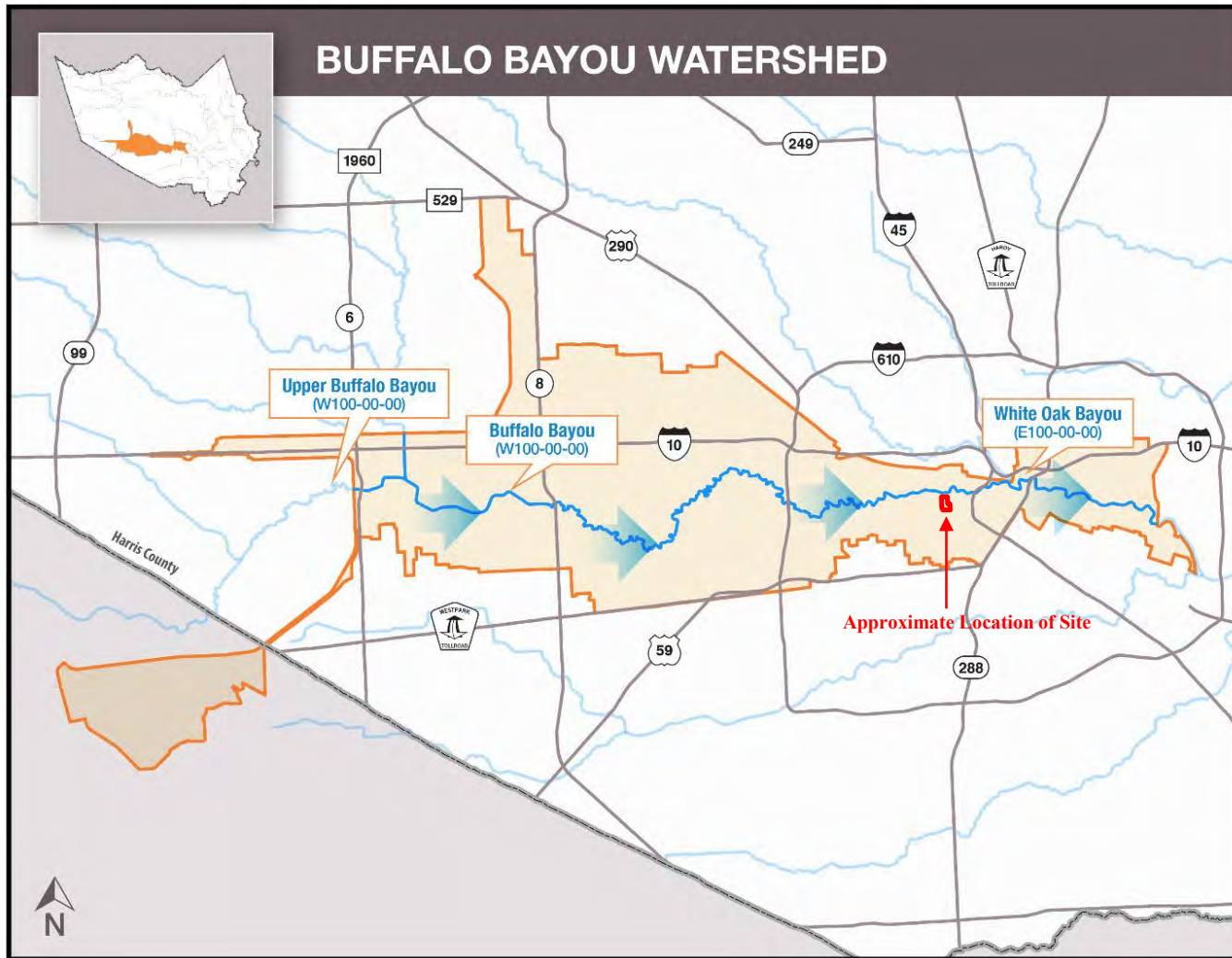


Project:
 MSD – Ismaili Center
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 Houston, Harris County, Texas



Project No.: 20.01.013

Client:
 Imara Houston, Inc.
 Sugar Land, Texas



Appendix C-3 – Watershed Map

Source: <https://www.hcfd.org/Portals/62/Watershed/Buffer/Buffer%20Bayou.jpg?ver=2018-08-14-122825-420>

Scale: NTS

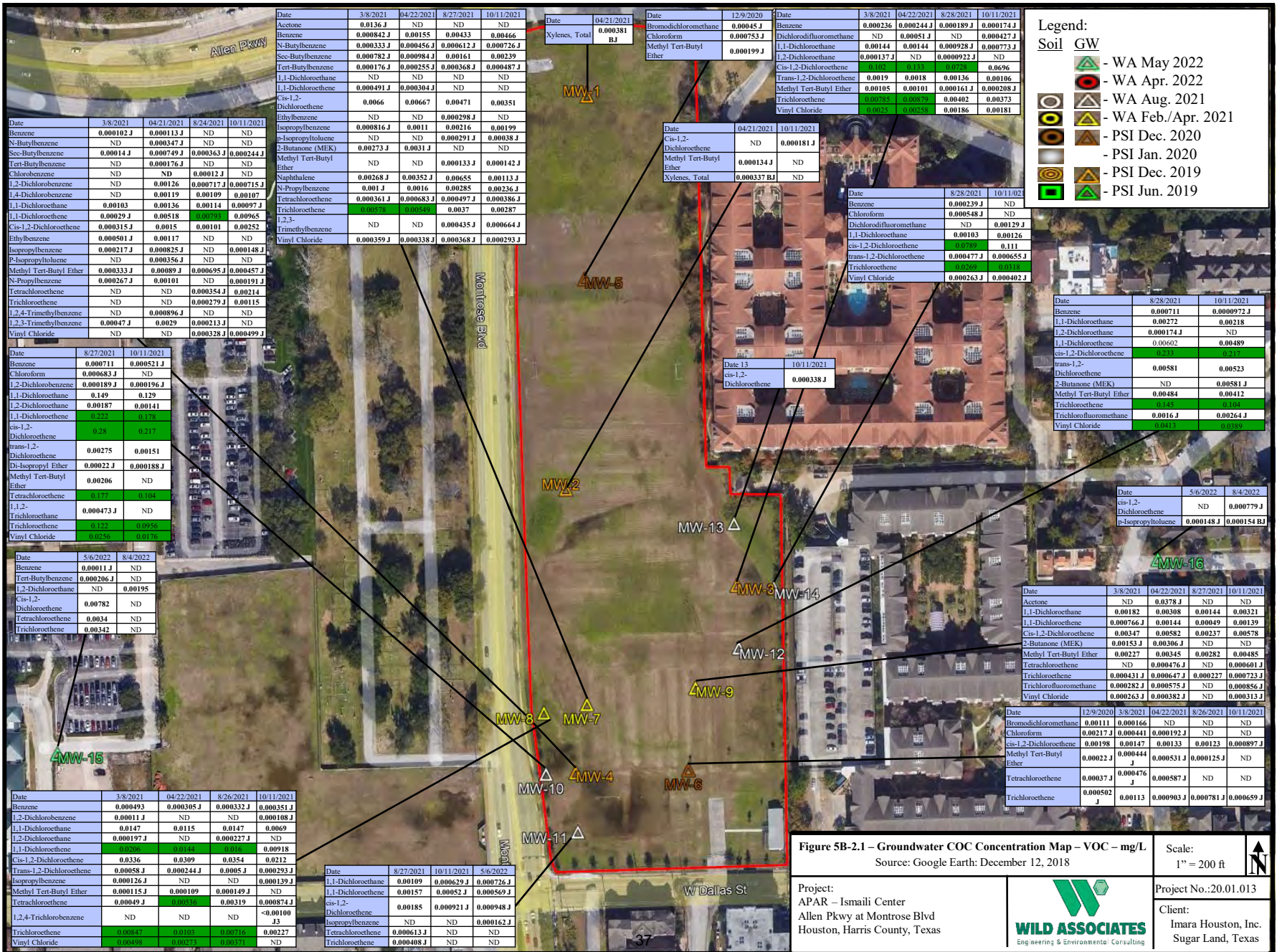


Project: MSD – Ismaili Center
 Allen Pkwy at Montrose Blvd
 Houston, Harris County, Texas



Project No.: 20.01.013

Client: Imara Houston, inc.
 Sugar Land, Texas



Legend:

Symbol	Soil	GW
	-	WA May 2022
	-	WA Apr. 2022
	-	WA Aug. 2021
	-	WA Feb./Apr. 2021
	-	PSI Dec. 2020
	-	PSI Jan. 2020
	-	PSI Dec. 2019
	-	PSI Dec. 2019

Date	3/8/2021	04/21/2021	8/24/2021	10/11/2021
Acetone	0.0136 J	ND	ND	ND
Benzene	0.000842 J	0.00155	0.00433	0.00466
Bromodichloromethane	0.000236 J	0.000244 J	0.000189 J	0.000174 J
Chloroform	0.000753 J	ND	ND	0.000427 J
Chlorobenzene	0.000333 J	0.000456 J	0.000612 J	0.000726 J
Cis-1,2-Dichloroethane	0.000782 J	0.000984 J	0.00161	0.00239
Dichloroethane	0.000176 J	0.000255 J	0.000368 J	0.000487 J
Diisopropyl Ether	ND	ND	ND	ND
Methyl Tert-Butyl Ether	0.000491 J	0.000304 J	ND	ND
Triisopropyl Ether	0.0066	0.00667	0.00471	0.00351
Tetrachloroethane	ND	ND	0.000298 J	ND
Trichloroethane	0.000816 J	0.0011	0.00216	0.00199
2-Butanone (MEK)	0.00273 J	0.00031 J	ND	ND
Methyl Tert-Butyl Ether	ND	ND	0.000133 J	0.000142 J
Napthalene	0.00268 J	0.00352 J	0.00655	0.00113 J
N-Propylbenzene	0.001 J	0.0016	0.00285	0.00236 J
Isopropylbenzene	0.000361 J	0.000683 J	0.000497 J	0.000386 J
Trichloroethane	0.00029 J	0.000518	0.000792	0.000965
1,2,3-Trimethylbenzene	ND	ND	0.000435 J	0.000664 J
Vinyl Chloride	0.000359 J	0.000338 J	0.000368 J	0.000293 J

Date	04/21/2021	10/11/2021
Bromodichloromethane	0.00045 J	ND
Chloroform	0.000753 J	ND
Methyl Tert-Butyl Ether	0.000199 J	ND
Benzene	0.000236	0.000244 J
Dichlorodifluoromethane	ND	ND
1,1-Dichloroethane	0.00144	0.00144
1,2-Dichloroethane	0.000137 J	ND
Cis-1,2-Dichloroethane	0.102	0.133
Trans-1,2-Dichloroethane	0.0019	0.0018
Methyl Tert-Butyl Ether	0.00105	0.00101
Trichloroethane	0.00785	0.0079
Vinyl Chloride	0.0025	0.00255

Date	8/28/2021	10/11/2021
Benzene	0.000239 J	ND
Chloroform	0.000548 J	ND
Dichlorodifluoromethane	ND	0.00129 J
1,1-Dichloroethane	0.00103	0.00126
cis-1,2-Dichloroethane	0.233	0.217
trans-1,2-Dichloroethane	0.000477 J	0.000655 J
Trichloroethane	0.000263 J	0.000402 J
Vinyl Chloride	0.000263 J	0.000402 J

Date	8/28/2021	10/11/2021
Benzene	0.000711	0.000972 J
1,1-Dichloroethane	0.00272	0.00218
1,2-Dichloroethane	0.000174 J	ND
1,1-Dichloroethane	0.00602	0.00489
cis-1,2-Dichloroethane	0.233	0.217
trans-1,2-Dichloroethane	0.00581	0.00523
Dichloroethane	ND	0.00581 J
2-Butanone (MEK)	ND	0.00581 J
Methyl Tert-Butyl Ether	0.00484	0.00412
Trichloroethane	0.0016 J	0.00264 J
Vinyl Chloride	0.0013	0.0013

Date	5/6/2022	8/4/2022
cis-1,2-Dichloroethane	ND	0.000779 J
p-Isopropyltoluene	0.000148 J	0.000154 J

Date	3/8/2021	04/22/2021	8/27/2021	10/11/2021
Acetone	ND	0.0578 J	ND	ND
1,1-Dichloroethane	0.00182	0.00308	0.00144	0.00321
1,1-Dichloroethane	0.000766 J	0.00144	0.00049	0.00139
Cis-1,2-Dichloroethane	0.00347	0.00582	0.00237	0.00578
2-Butanone (MEK)	0.00153 J	0.00306 J	ND	ND
Methyl Tert-Butyl Ether	0.000227	0.00345	0.00282	0.00485
Tetrachloroethane	ND	0.000476 J	ND	0.000601 J
Trichloroethane	0.000431 J	0.000647 J	0.000227	0.000723 J
Trichloroethane	0.000282 J	0.000575 J	ND	0.000856 J
Vinyl Chloride	0.000263 J	0.000382 J	ND	0.000313 J

Date	12/9/2020	3/8/2021	04/22/2021	8/26/2021	10/11/2021
Bromodichloromethane	0.00111	0.000166	ND	ND	ND
Chloroform	0.000217 J	0.000441	0.000192 J	ND	ND
cis-1,2-Dichloroethane	0.00198	0.00147	0.00133	0.00123	0.000897 J
Methyl Tert-Butyl Ether	0.00022 J	0.000444 J	0.000531 J	0.000125 J	ND
Tetrachloroethane	0.00037 J	0.000476 J	0.000587 J	ND	ND
Trichloroethane	0.000502 J	0.00113	0.000903 J	0.000781 J	0.000659 J

Date	8/27/2021	10/11/2021	5/6/2022
1,1-Dichloroethane	0.00109	0.000629 J	0.000726 J
1,1-Dichloroethane	0.00157	0.00052 J	0.000569 J
cis-1,2-Dichloroethane	0.00185	0.000921 J	0.000948 J
Dichloroethane	ND	ND	0.000162 J
Isopropylbenzene	ND	ND	0.000133 J
Tetrachloroethane	0.000613 J	ND	ND
Trichloroethane	0.000408 J	ND	ND

Date	3/8/2021	04/22/2021	8/26/2021	10/11/2021
Benzene	0.000493	0.000305 J	0.000332 J	0.000351 J
1,2-Dichloroethane	0.00011 J	ND	ND	0.000108 J
1,1-Dichloroethane	0.0147	0.0115	0.0147	0.0069
1,2-Dichloroethane	0.000197 J	ND	0.000227 J	ND
1,1-Dichloroethane	0.0206	0.0144	0.015	0.00918
Cis-1,2-Dichloroethane	0.0336	0.0309	0.0354	0.0212
Trans-1,2-Dichloroethane	0.00058 J	0.000244 J	0.0005 J	0.000293 J
Isopropylbenzene	0.000126 J	ND	ND	0.000139 J
Methyl Tert-Butyl Ether	0.000115 J	0.000109	0.000149 J	ND
Tetrachloroethane	0.00049 J	0.000319	0.000319	0.000874 J
1,2,4-Trichlorobenzene	ND	ND	ND	<0.00100 J
Trichloroethane	0.00041	0.0103	0.00716	0.00227
Vinyl Chloride	0.00086	0.00273	0.0037	ND

Figure 5B-2.1 – Groundwater COC Concentration Map – VOC – mg/L
 Source: Google Earth; December 12, 2018

Project:
 APAR – Ismaili Center
 Allen Pkwy at Montrose Blvd
 Houston, Harris County, Texas



Scale:
 1" = 200 ft

Project No.: 20.01.013

Client:
 Imara Houston, Inc.
 Sugar Land, Texas

Legend:

Soil	GW
	- WA May 2022
	- WA Apr. 2022
	- WA Aug. 2021
	- WA Feb./Apr. 2021
	- PSI Dec. 2020
	- PSI Jan. 2020
	- PSI Dec. 2019
	- PSI Jun. 2019



Date	4/11/2022
Acetone	0.0153

Date	4/11/2022
Acetone	0.0216
Tetrachloroethene	0.00583

Date	4/11/2022
cis-1,2-Dichloroethene	0.0385

Figure 5B-2.2 – Groundwater COC Concentration Map – VOC – mg/L		Scale: 1" = 400 ft	
Hydropunch Holes Only			
Source: Google Earth: December 12, 2018		Project No.: 20.01.013	Client: Imara Houston, Inc. Sugar Land, Texas
Project: APAR – Ismaili Center Allen Pkwy at Montrose Blvd Houston, Harris County, Texas			
 Engineering & Environmental Consulting			



FIGURE 1B-1 – Affected Property Map – North

Source: Google Earth: December 12, 2018

Scale:
1" = 100 ft



Project:
APAR – Ismaili Center
Allen Pkwy at Montrose Blvd
Houston, Harris County, Texas



Project No.: 20.01.013

Client:
Imara Houston, Inc.
Sugar Land, Texas

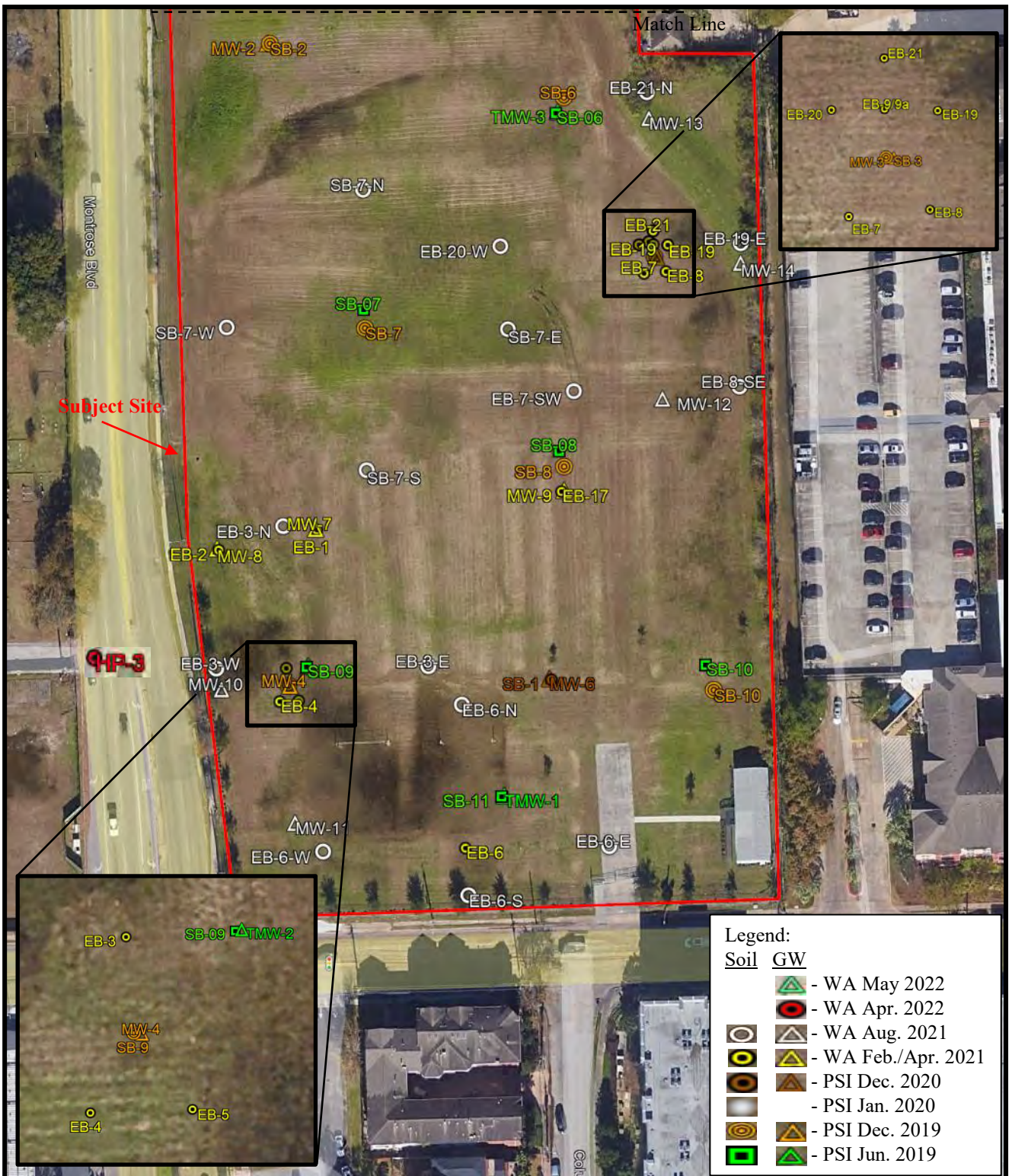


FIGURE 1B-2 – Affected Property Map – South

Source: Google Earth: December 12, 2018

Scale:
1" = 100 ft

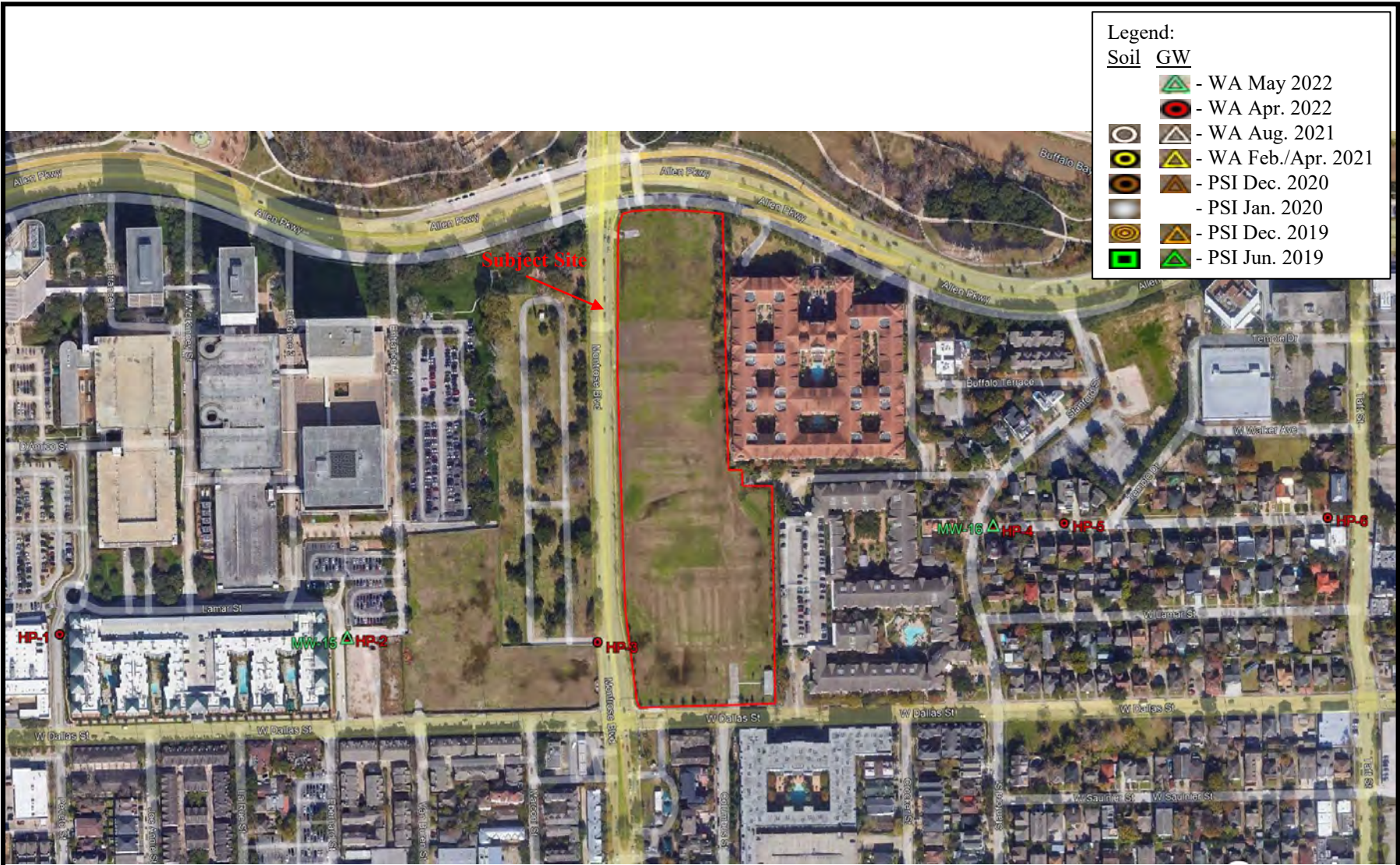


Project:
APAR – Ismaili Center
Allen Pkwy at Montrose Blvd
Houston, Harris County, Texas



Project No.: 20.01.013

Client:
Imara Houston, Inc.
Sugar Land, Texas



Legend:

Soil	GW
	- WA May 2022
	- WA Apr. 2022
	- WA Aug. 2021
	- WA Feb./Apr. 2021
	- PSI Dec. 2020
	- PSI Jan. 2020
	- PSI Dec. 2019
	- PSI Jun. 2019

FIGURE 1B-3 – Affected Property Map – New MWs & Hydropunch Holes Only Source: Google Earth: December 12, 2018		Scale: 1" = 400 ft	
Project: APAR – Ismaili Center Allen Pkwy at Montrose Blvd Houston, Harris County, Texas		Project No.: 20.01.013 Client: Imara Houston, Inc. Sugar Land, Texas	



Legend:

20.52 – 10/12/2021

20.63 – 5/6/2022

*Groundwater elevations expressed in ft above mean sea level.

*Groundwater gradient map based off of the last sampling event that included the original 14 on-site MWs (10/12/2021).

Note- MW-8, MW-11, and MW-12 readings from 10/11/2021 not used for gradient due to interference from on-site dewatering.

Note- 5/6/2022 is the most recent sampling event with on-site and off-site groundwater readings. This sampling event is not used for gradient due to interference from on-site dewatering activities, lack of MWs due to P&A of majority of MWs, and distance of MW-15 and MW-16 from the Site.

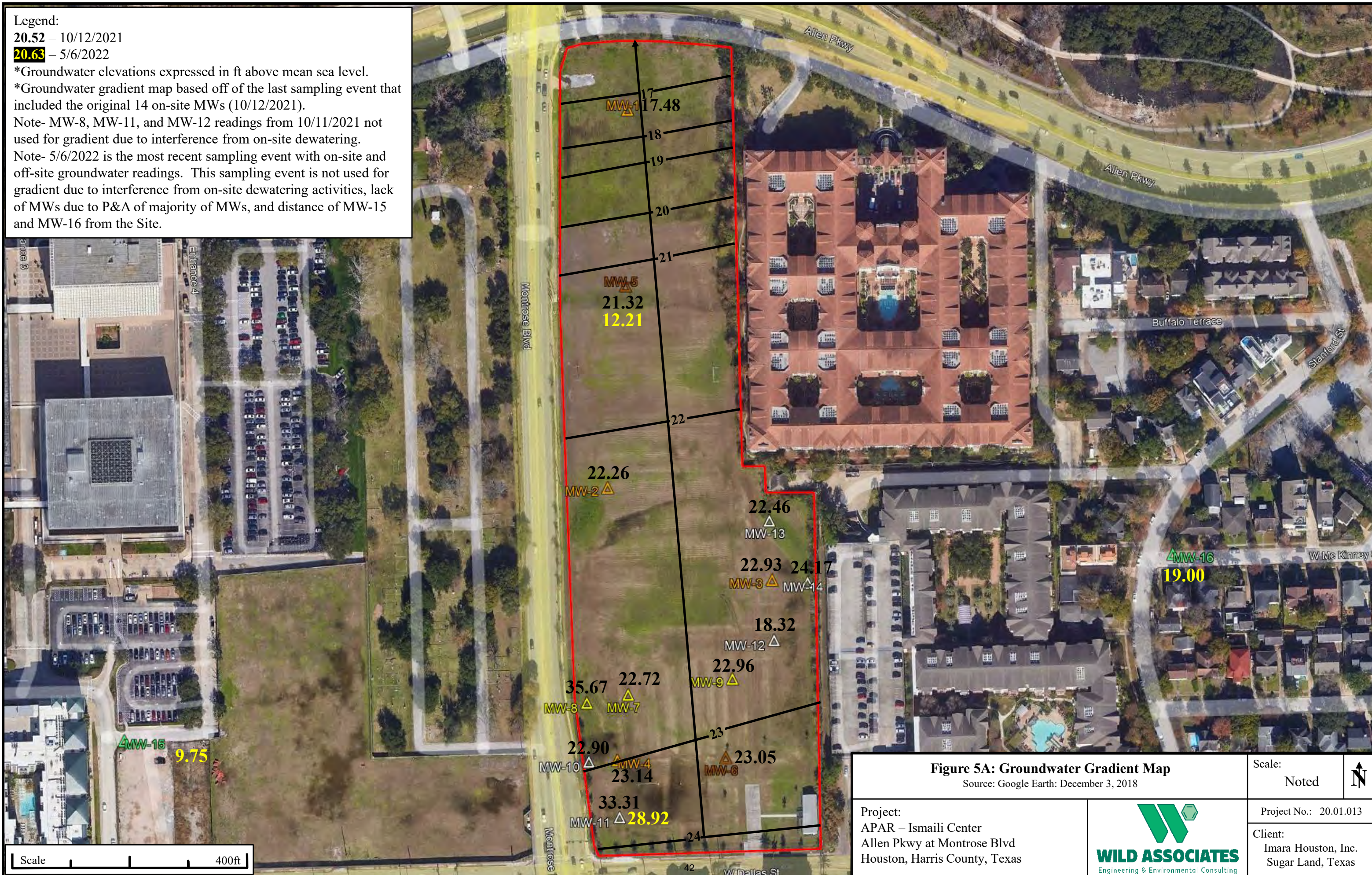


Figure 5A: Groundwater Gradient Map

Source: Google Earth: December 3, 2018

Scale:

Noted



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 Houston, Harris County, Texas



Project No.: 20.01.013

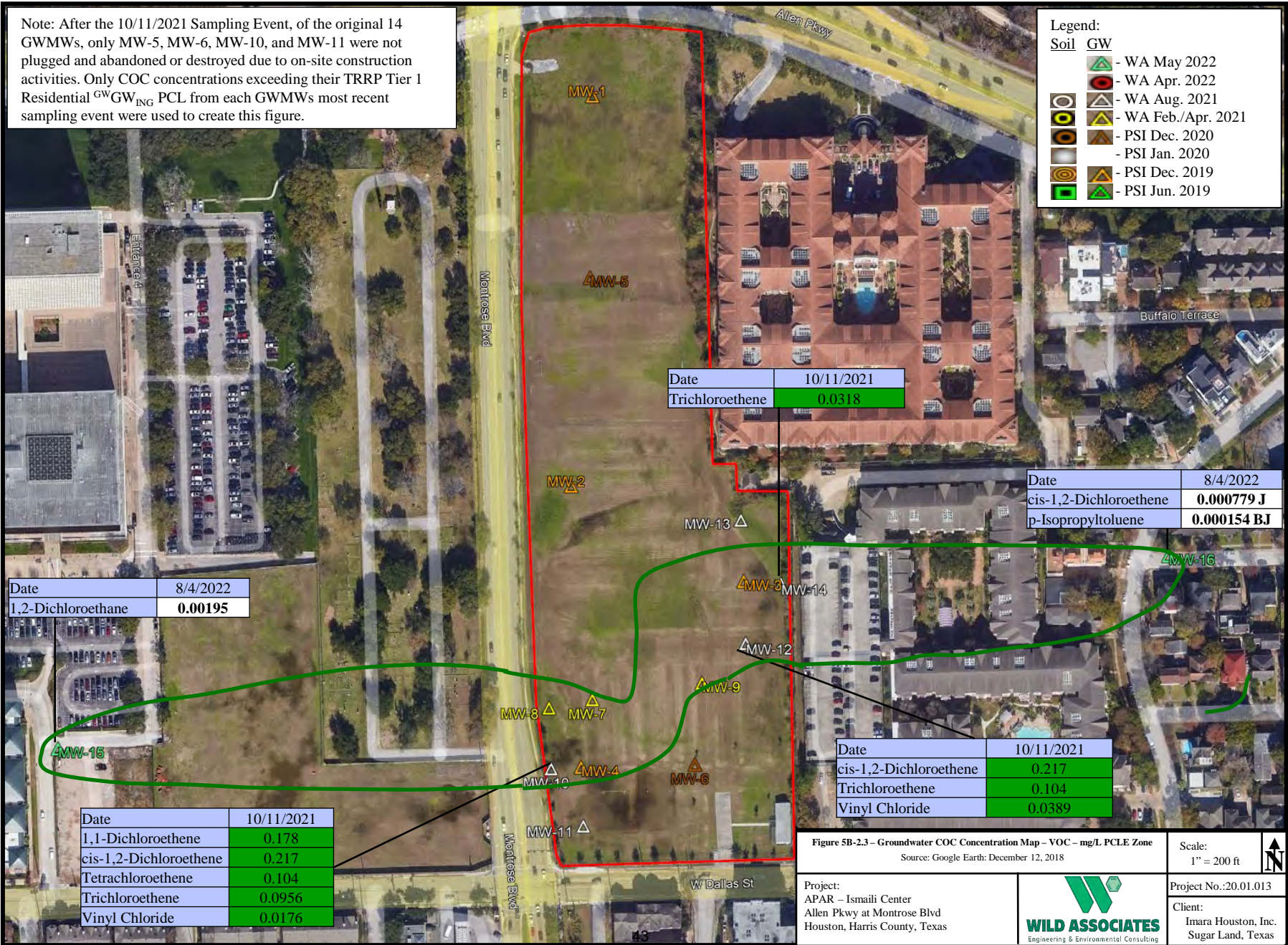
Client:
 Imara Houston, Inc.
 Sugar Land, Texas

Scale 400ft

Note: After the 10/11/2021 Sampling Event, of the original 14 GWMWs, only MW-5, MW-6, MW-10, and MW-11 were not plugged and abandoned or destroyed due to on-site construction activities. Only COC concentrations exceeding their TRRP Tier 1 Residential ^{GW}GW_{ING} PCL from each GWMW's most recent sampling event were used to create this figure.

Legend:

Soil	GW
	- WA May 2022
	- WA Apr. 2021
	- WA Aug. 2021
	- WA Feb./Apr. 2021
	- PSI Dec. 2020
	- PSI Jan. 2020
	- PSI Dec. 2019
	- PSI Jun. 2019



Date	10/11/2021
Trichloroethene	0.0318

Date	8/4/2022
cis-1,2-Dichloroethene	0.000779 J
p-Isopropyltoluene	0.000154 BJ

Date	8/4/2022
1,2-Dichloroethane	0.00195

Date	10/11/2021
cis-1,2-Dichloroethene	0.217
Trichloroethene	0.104
Vinyl Chloride	0.0389

Date	10/11/2021
1,1-Dichloroethene	0.178
cis-1,2-Dichloroethene	0.217
Tetrachloroethene	0.104
Trichloroethene	0.0956
Vinyl Chloride	0.0176

Figure 5B-2.3 – Groundwater COC Concentration Map – VOC – mg/L PCLE Zone
Source: Google Earth; December 12, 2018

Scale:
1" = 200 ft

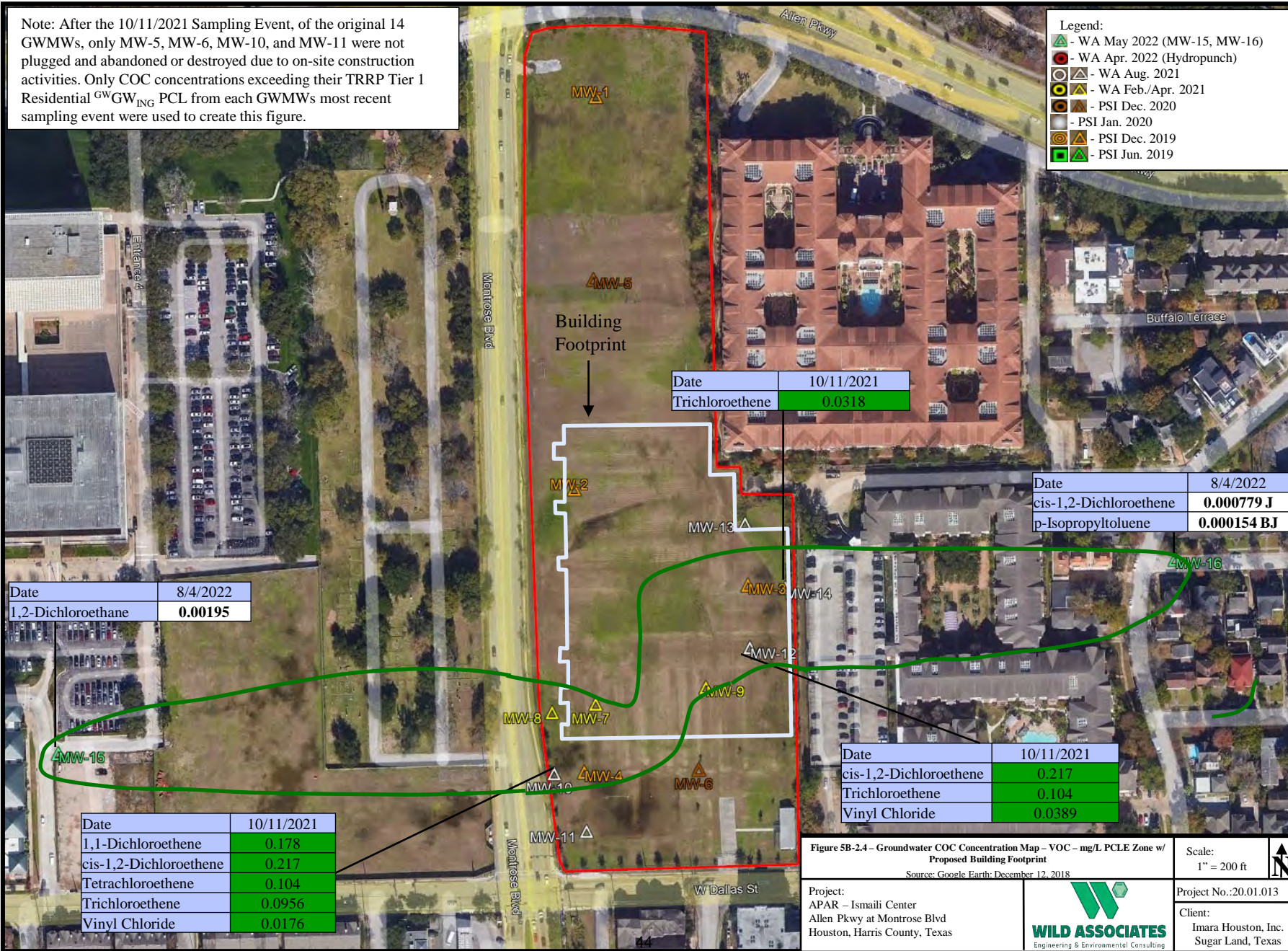
Project:
APAR – Ismaili Center
Allen Pkwy at Montrose Blvd
Houston, Harris County, Texas



Project No.:20.01.013
Client:
Imara Houston, Inc.
Sugar Land, Texas

Note: After the 10/11/2021 Sampling Event, of the original 14 GWMWs, only MW-5, MW-6, MW-10, and MW-11 were not plugged and abandoned or destroyed due to on-site construction activities. Only COC concentrations exceeding their TRRP Tier 1 Residential ^{GW}ING PCL from each GWMW's most recent sampling event were used to create this figure.

- Legend:
- WA May 2022 (MW-15, MW-16)
 - WA Apr. 2022 (Hydropunch)
 - WA Aug. 2021
 - WA Feb./Apr. 2021
 - PSI Dec. 2020
 - PSI Jan. 2020
 - PSI Dec. 2019
 - PSI Jun. 2019



Date	10/11/2021
Trichloroethene	0.0318

Date	8/4/2022
cis-1,2-Dichloroethene	0.000779 J
p-Isopropyltoluene	0.000154 BJ

Date	8/4/2022
1,2-Dichloroethane	0.00195

Date	10/11/2021
cis-1,2-Dichloroethene	0.217
Trichloroethene	0.104
Vinyl Chloride	0.0389

Date	10/11/2021
1,1-Dichloroethene	0.178
cis-1,2-Dichloroethene	0.217
Tetrachloroethene	0.104
Trichloroethene	0.0956
Vinyl Chloride	0.0176

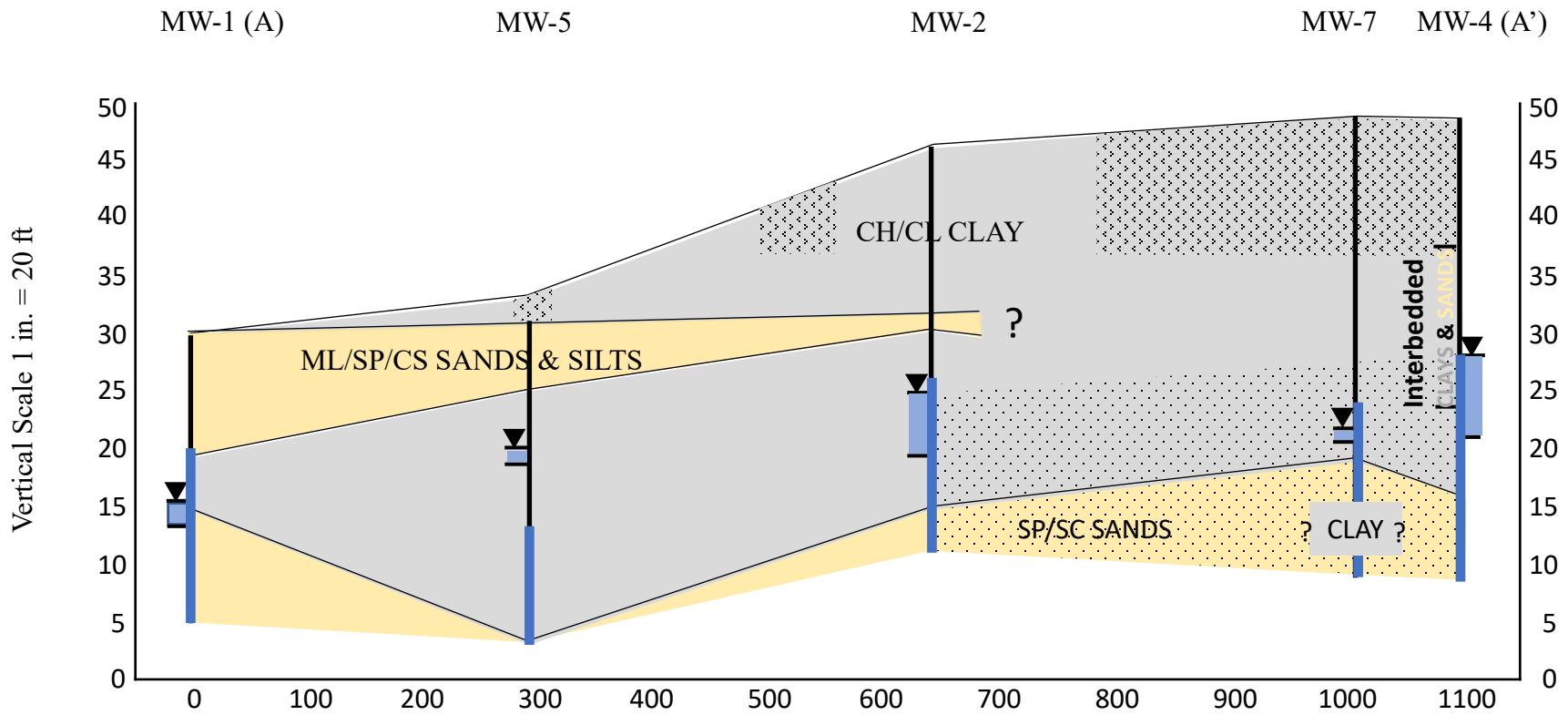
Figure 5B-2.4 – Groundwater COC Concentration Map – VOC – mg/L PCLE Zone w/ Proposed Building Footprint
Source: Google Earth; December 12, 2018

Scale: 1" = 200 ft

Project:
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Houston, Harris County, Texas



Project No.:20.01.013
Client:
Imara Houston, Inc.
Sugar Land, Texas



Legend

- Piezometric Surface
- Elevation Range
- Well Screen
- Estimated Affected Surface Soils
- Estimated Affected GWBU

Horizontal Scale 1 in. = 200 ft

Project:
 APAR – Ismaili Center
 Allen Pkwy at Montrose Blvd
 Houston, Harris County, Texas

FIGURE 4C - GEOLOGIC CROSS SECTION



Scale: Noted
 Project No.: 20.01.013



Client: Imara Houston, Inc.
 Sugar Land, Texas

TABLE 5D
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER MEASUREMENT SUMMARY

Well	TOC Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)	Depth to Water (ft) - Field Measurement	GWBU* Elevation (ft)
		Date																	
		12/18/2020		3/8/2021		4/21-22/2021		8/26-28/2021		9/27/2021		10/12/2021		3/31/2022		5/6/2022		8/4/2022	
MW-1	28.984	14.48	14.50	11.96	17.02	13.45	15.53	11.80	17.18	12.22	16.76	11.5	17.48	P&A		P&A		P&A	
MW-2	45.472	20.23	25.24	25.65	19.82	25.20	20.27	23.10	22.37	24	21.47	23.21	22.26	P&A		P&A		P&A	
MW-3	47.228	19.94	27.29	24.40	22.83	26.32	20.91	24.48	22.75	24.97	22.26	24.3	22.93	P&A		P&A		P&A	
MW-4	48.138	20.25	27.89	26.40	21.74	27.30	20.84	19.25	28.89	25.91	22.23	25	23.14	P&A		P&A		P&A	
MW-5	33.417	Not Available	Not Available	12.90	20.52	14.00	19.42	11.25	22.17	12.12	21.30	12.1	21.32	D/M		21.21	12.21	D/M	
MW-6	49.806	Not Available	Not Available	27.90	21.91	28.80	21.01	26.80	23.01	27.48	22.33	26.76	23.05	Dry	N/A	Dry	N/A	Dry	N/A
MW-7	47.872	Not Available	Not Available	26.30	21.57	27.07	20.80	25.30	22.57	25.83	22.04	25.15	22.72	D/M		D/M		D/M	
MW-8	48.482	Not Available	Not Available	27.00	21.48	27.85	20.63	25.95	22.53	26.5	21.98	12.81	35.67	D/M		D/M		D/M	
MW-9	48.655	Not Available	Not Available	26.82	21.84	27.70	20.96	25.81	22.85	26.01	22.65	25.7	22.96	P&A		P&A		P&A	
MW-10	48.547	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	25.75	22.80	26.27	22.28	25.65	22.90	Dry	N/A	Dry	N/A	Dry	N/A
MW-11	48.816	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	21.25	27.57	19.15	29.67	15.51	33.31	D/M		19.9	28.92	D/M	
MW-12	47.732	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	24.82	22.91	25.31	22.42	29.41	18.32	P&A		P&A		P&A	
MW-13	47.806	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	25.44	22.37	26	21.81	25.35	22.46	P&A		P&A		P&A	
MW-14	48.365	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	25.40	22.97	25.9	22.47	24.2	24.17	P&A		P&A		P&A	
MW-15	36.800	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	37.05	-0.25	37.4	-0.60
MW-16	44.800	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	25.8	19.00	26.63	18.17

*Groundwater gradient map based off of the 4th Quarter 2021 Sampling Event (10/11/2021)

*Elevations relative to MSL (NAVD 88)

TOC=Top of Casing

GWBU=Groundwater Bearing Unit

MSL=Mean Sea Level

N/A=Not Available

P&A=Plugged & Abandoned

D/M=Destroyed or Missing

Appendix D

Provide for each contaminant of concern within the designated groundwater:

- a. A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth belowground surface.**
- b. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.**
- c. Its basic geochemical properties (e.g., whether the contaminant of concern migrates with groundwater, floats or is soluble in water).**

Based on data from nine (9) groundwater monitoring events in December 2019, January 2020, December 2020, March 2021, April 2021, August 2021, October 2021, May 2022, and August 2022, arsenic (ranging from 0.0103 to 0.0261 milligrams per liter [mg/L]) and chlorinated VOCs (1,1-dichloroethene [0.00793 to 0.222 mg/L]; cis-1,2-dichloroethene [0.0728 to 0.28 mg/L]; tetrachloroethene [0.00536 to 0.177 mg/L]; trichloroethene [0.00549 to 0.145 mg/L]; and vinyl chloride [0.0025 to 0.0389 mg/L]) exceed their TRRP Tier 1 Residential ^{GW}GW_{ING} PCL (ingestion PCL), which is the critical Residential PCL without an MSD in place.

The TRRP Tier 1 Residential ^{GW}GW_{ING} PCLs for the applicable COCs are 0.01 mg/L for arsenic, 0.007 mg/L for 1,1-dichloroethene, 0.07 mg/L for cis-1,2-dichloroethene, 0.005 mg/L for tetrachloroethene, 0.005 mg/L for trichloroethene, and 0.002 mg/L for vinyl chloride. All CoC concentrations, except arsenic, fall well below their TRRP Tier 1 Residential ^{AIR}GW_{INH-V} PCL (non-ingestion PCL) of 220 mg/L for 1,1-dichloroethene, 160 mg/L for cis-1,2-dichloroethene, 64 mg/L for tetrachloroethene, 3.1 mg/L for trichloroethene, and 0.49 mg/L for vinyl chloride. Arsenic does not have an applicable ^{AIR}GW_{INH-V} PCL. However, Dr. Mike Duffin (TCEQ July 2021 letter in Executive Summary attachments) considers the arsenic levels low enough to be naturally occurring and not requiring further delineation or consideration as a COC.

The chlorinated VOC COCs are confined to the upper tier in the southern half of the Site associated with the footprints of the former HL&P facility and rail spur. The affected groundwater-bearing unit (GWBU) underlies the footprint of the future ICH building and subgrade garage and extends west and east off-site. The well point pumping program will alter the gradient and amplify flow toward the excavation. The horizontal extent of the ingestion protective concentration level exceedance zone is depicted in Appendix C-f.

Chlorinated VOCs are denser than water, but the detected concentrations are within their solubility limits, indicating they would migrate in all directions in the dissolved phase. The impacted GWBU consists of interbedded layers of saturated clayey sand and sandy clay extending from approximately 14 ft to 35 ft bgs. The GWBU is depicted in Appendix C-g.

Appendix E

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

- a. **The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater.**

- b. **The critical protective concentration level without the municipal setting designation, highlighting any exceedances.**

Cumulative data tables displaying the concentration levels of COCs in soil and groundwater (including maximum concentration levels), the ingestion PCLs, the non-ingestion PCLs, and the critical PCLs with and without the MSD, highlighting any exceedances are provided in the below attached Tables:

- Table 4D-1 – Metals
- Table 4D-2 – VOC
- Table 4D-3 – SVOC
- Table 4D-4 – TPH
- Table 4D-5 – PCB

- Table 5D-1 – Metals
- Table 5D-2 – VOC
- Table 5D-3 – SVOC
- Table 5D-4 – TPH
- Table 5D-5 – PCB

Attached appendices retain their APAR designation, if applicable. Otherwise, Appendix E denotes MSD specific appendices.

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1 0-3	SB-1 4-5
DATE COLLECTED						12/17/2019	12/17/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.25	<2.24
Arsenic	mg/kg	24	2.5	5.9	1.70	0.614 J	<2.24
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	91.8	21.8
Beryllium	mg/kg	38	0.92	1.5	NA	0.505	0.642
Cadmium	mg/kg	51	0.75	NA	0.36	<0.564	<0.560
Chromium	mg/kg	27000	1200	30	15.33	10.7	11.2
Lead	mg/kg	500	1.5	15	7.11	12.5	4.95
Nickel	mg/kg	840	79	10	NA	3.93	5.71
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.25	<2.24
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.125	1.12
Silver*	mg/kg	97	0.24	NA	0.56	<1.13	<1.12
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.565	0.56
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0325 J	<0.0336
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.0168

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1 8-10	SB-2 0-3
DATE COLLECTED						12/17/2019	12/17/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	1.74 J	<2.39
Arsenic	mg/kg	24	2.5	5.9	1.70	8.13	1.64 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	17.9	108
Beryllium	mg/kg	38	0.92	1.5	NA	1.46	0.485
Cadmium	mg/kg	51	0.75	NA	0.36	<0.574	<0.598
Chromium	mg/kg	27000	1200	30	15.33	18.9	9.58
Lead	mg/kg	500	1.5	15	7.11	20.9	14.3
Nickel	mg/kg	840	79	10	NA	19.7	6
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.30	<2.39
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.15	1.195
Silver*	mg/kg	97	0.24	NA	0.56	<1.15	<1.20
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.575	0.6
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0345	0.00870 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.01725	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-2 4-5	SB-2 8-10
DATE COLLECTED						12/17/2019	12/17/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.39	<2.32
Arsenic	mg/kg	24	2.5	5.9	1.70	0.673 J	5.07
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	247	189
Beryllium	mg/kg	38	0.92	1.5	NA	1.13	0.958
Cadmium	mg/kg	51	0.75	NA	0.36	<0.598	<0.581
Chromium	mg/kg	27000	1200	30	15.33	19.2	16.4
Lead	mg/kg	500	1.5	15	7.11	5.8	10.8
Nickel	mg/kg	840	79	10	NA	11.3	14
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.39	<2.32
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.195	1.16
Silver*	mg/kg	97	0.24	NA	0.56	<1.20	<1.16
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.6	0.58
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0100 J	<0.0349
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.01745

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-3 0-3	SB-3 4-5
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	1.53 J	<2.36
Arsenic	mg/kg	24	2.5	5.9	1.70	4.54	0.843 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	170	83
Beryllium	mg/kg	38	0.92	1.5	NA	0.868	0.857
Cadmium	mg/kg	51	0.75	NA	0.36	0.378 J	<0.591
Chromium	mg/kg	27000	1200	30	15.33	20.1	18.5
Lead	mg/kg	500	1.5	15	7.11	107	7.13
Nickel	mg/kg	840	79	10	NA	11.2	7.92
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.40	<2.36
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.2	1.18
Silver*	mg/kg	97	0.24	NA	0.56	<1.20	<1.18
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.6	0.59
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0756	0.0141 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-3 8-10	SB-6 0-3
DATE COLLECTED						12/16/2019	12/17/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	1.18 J	<2.34 J6
Arsenic	mg/kg	24	2.5	5.9	1.70	5.41	3.11
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	84.1	56.9
Beryllium	mg/kg	38	0.92	1.5	NA	1.06	0.589
Cadmium	mg/kg	51	0.75	NA	0.36	<0.592	<0.584
Chromium	mg/kg	27000	1200	30	15.33	20.9	11.6
Lead	mg/kg	500	1.5	15	7.11	5.77	15.7
Nickel	mg/kg	840	79	10	NA	19.3	4.25
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.37	<2.34
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.185	1.17
Silver*	mg/kg	97	0.24	NA	0.56	<1.18	<1.17
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.59	0.585
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0355	0.0337 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.01775	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-6 4-5	SB-6 8-10
DATE COLLECTED						12/17/2019	12/17/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	0.954 J	<2.29 J6
Arsenic	mg/kg	24	2.5	5.9	1.70	2.66	2.73
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	126	44.9
Beryllium	mg/kg	38	0.92	1.5	NA	1.25	0.508
Cadmium	mg/kg	51	0.75	NA	0.36	<0.613	<0.572
Chromium	mg/kg	27000	1200	30	15.33	23.9	13
Lead	mg/kg	500	1.5	15	7.11	13.1	10.1
Nickel	mg/kg	840	79	10	NA	13.3	6.95
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.45	<2.29
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.225	1.145
Silver*	mg/kg	97	0.24	NA	0.56	<1.23	<1.14
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.615	0.57
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0137 J	<0.0343
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.01715

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

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J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-7 0-3	SB-7 4-5
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.40	1.01 J
Arsenic	mg/kg	24	2.5	5.9	1.70	4.4	2.51
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	55.2	113
Beryllium	mg/kg	38	0.92	1.5	NA	0.61	0.94
Cadmium	mg/kg	51	0.75	NA	0.36	<0.599	<0.616
Chromium	mg/kg	27000	1200	30	15.33	17.2	22.7
Lead	mg/kg	500	1.5	15	7.11	10.1	4.44
Nickel	mg/kg	840	79	10	NA	5.86	12.6
Selenium*	mg/kg	310	1.1	0.3	1.20	0.944 J	<2.47
Se Proxy**	mg/kg	310	1.1	0.3	1.20		1.235
Silver*	mg/kg	97	0.24	NA	0.56	<1.20	<1.23
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.6	0.615
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0127 J	0.0120 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-7 8-10	SB-8 0-3
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	1.57 J	<2.62
Arsenic	mg/kg	24	2.5	5.9	1.70	6.42	3.94
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	186	132
Beryllium	mg/kg	38	0.92	1.5	NA	0.831	0.724
Cadmium	mg/kg	51	0.75	NA	0.36	<0.587	<0.655
Chromium	mg/kg	27000	1200	30	15.33	13.8	14.7
Lead	mg/kg	500	1.5	15	7.11	23.3	18.5
Nickel	mg/kg	840	79	10	NA	10.7	6.88
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.35	<2.62
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.175	1.31
Silver*	mg/kg	97	0.24	NA	0.56	<1.17	<1.31
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.585	0.655
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0352	0.00474 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0176	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-8 4-5	SB-8 8-10
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.56	<2.43
Arsenic	mg/kg	24	2.5	5.9	1.70	1.59 J	1.98 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	106	103
Beryllium	mg/kg	38	0.92	1.5	NA	0.888	0.751
Cadmium	mg/kg	51	0.75	NA	0.36	<0.641	<0.608
Chromium	mg/kg	27000	1200	30	15.33	31.9	45.1
Lead	mg/kg	500	1.5	15	7.11	12.5	6.25
Nickel	mg/kg	840	79	10	NA	12.8	25.6
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.56	<2.43
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.28	1.215
Silver*	mg/kg	97	0.24	NA	0.56	<1.28	<1.22
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.64	0.61
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0102 J	<0.0365
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.01825

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

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**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-9 0-3	SB-9 4-5
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.29	<2.34
Arsenic	mg/kg	24	2.5	5.9	1.70	1.14 J	2.98
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	89.2	710
Beryllium	mg/kg	38	0.92	1.5	NA	0.727	0.772
Cadmium	mg/kg	51	0.75	NA	0.36	0.135 J	<0.586
Chromium	mg/kg	27000	1200	30	15.33	15.1	12.9
Lead	mg/kg	500	1.5	15	7.11	18.9	7.5
Nickel	mg/kg	840	79	10	NA	8.99	12.9
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.29	<2.34
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.145	1.17
Silver*	mg/kg	97	0.24	NA	0.56	<1.14	<1.19
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.57	0.595
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0261 J	<0.0352
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.0176

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

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**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-9 8-10	SB-10 0-3
DATE COLLECTED						12/16/2019	12/16/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.27	<2.46 J6
Arsenic	mg/kg	24	2.5	5.9	1.70	2.35	1.91 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	24.3	81.5
Beryllium	mg/kg	38	0.92	1.5	NA	0.401	0.713
Cadmium	mg/kg	51	0.75	NA	0.36	<0.567	<0.616
Chromium	mg/kg	27000	1200	30	15.33	7.45	12.4
Lead	mg/kg	500	1.5	15	7.11	5.56	8.7
Nickel	mg/kg	840	79	10	NA	5.63	5.27
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.27	<2.46
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.135	1.23
Silver*	mg/kg	97	0.24	NA	0.56	<2.27	<2.46 O1
Ag Proxy**	mg/kg	97	0.24	NA	0.56	1.135	1.23
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0340	0.0116 J
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.017	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

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J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-10 4-5	SB-10 8-10	SB-1 0-2
DATE COLLECTED						12/16/2019	12/16/2019	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	<2.39	<2.39	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	3.15	3.89	1.87 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	96.8	80.4	98.7 J
Beryllium	mg/kg	38	0.92	1.5	NA	0.811	0.670	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.598	<0.597	0.390 J
Chromium	mg/kg	27000	1200	30	15.33	15.3	17	24.1
Lead	mg/kg	500	1.5	15	7.11	10.7	7.17	71.3
Nickel	mg/kg	840	79	10	NA	7.02	7.75	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.39	<2.39	1.22
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.195	1.195	
Silver*	mg/kg	97	0.24	NA	0.56	<1.20	<1.19	<1.16
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.6	0.595	0.58
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0359	<0.0358	0.0866
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.01795	0.0179	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1 2-4	SB-1 4-6	SB-1 6-8
DATE COLLECTED						12/7/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	2.12 J	2.05 J	3.83
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	90.1	18	283
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.598	<0.642	0.0754 J
Chromium	mg/kg	27000	1200	30	15.33	17.6	25.0	30.7
Lead	mg/kg	500	1.5	15	7.11	16.0	6.75	8.00
Nickel	mg/kg	840	79	10	NA	NS	NS	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.39	<2.57	0.971 J
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.195	1.285	
Silver*	mg/kg	97	0.24	NA	0.56	<1.20	<1.28	<1.19
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.6	0.64	0.595
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0310 J	0.0308 J	<0.0477
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10			0.02385

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1 8-10	SB-1 13-15	SB-1 18-20
DATE COLLECTED						12/7/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	3.31	<2.30	3.91
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	65.5	51.4	274
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	0.0744 J	<0.574	0.0795 J
Chromium	mg/kg	27000	1200	30	15.33	18.0	14.8	34.3
Lead	mg/kg	500	1.5	15	7.11	8.78	2.87	6.91
Nickel	mg/kg	840	79	10	NA	NS	NS	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.34	<2.30	<2.59
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.17	1.15	1.295
Silver*	mg/kg	97	0.24	NA	0.56	<1.17	<1.15	<1.29
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.585	0.575	0.645
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0400	<0.0459	<0.0517
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.02	0.02295	0.02585

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1 23-25	SB-1 28-30	SB-2 0-2
DATE COLLECTED						12/7/2020	12/7/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.27	<2.31	0.803 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	164	37.2	39.8
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.568	<0.578	<0.574
Chromium	mg/kg	27000	1200	30	15.33	18.2	11.0	2.59
Lead	mg/kg	500	1.5	15	7.11	2.63	2.94	6.03
Nickel	mg/kg	840	79	10	NA	NS	NS	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.27	<2.31	<2.29
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.135	1.175	1.145
Silver*	mg/kg	97	0.24	NA	0.56	<1.14	<1.16	<1.15
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.57	0.58	0.575
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0454	<0.0463	<0.0459
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0227	0.02315	0.02295

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-2 2-4	SB-2 4-6	SB-2 6-8
DATE COLLECTED						12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.23	1.21 J	0.796 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	21.3 O1	11.4	8.73
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.558	<0.581	<0.649
Chromium	mg/kg	27000	1200	30	15.33	2.61	1.52	1.14 J
Lead	mg/kg	500	1.5	15	7.11	7.23	5.34	2.48
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.23	<2.33	<2.60
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.115	1.165	1.3
Silver*	mg/kg	97	0.24	NA	0.56	<1.12	<1.16	<1.30
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.56	0.58	0.65
Mercury	mg/kg	2.1	0.0039	0.04	0.10	0.0314 J	<0.0465	<0.0519
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10		0.02325	0.02595

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-2 8-10	SB-2 13-15	SB-2 18-20
DATE COLLECTED						12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.13 J	0.918 J	5.52
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	9.79	48.4	59.0
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.632	<0.706	0.130 J
Chromium	mg/kg	27000	1200	30	15.33	2.04	3.17	5.13
Lead	mg/kg	500	1.5	15	7.11	7.06	3.46	5.60
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.53	<2.82	<2.57
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.265	1.41	1.285
Silver*	mg/kg	97	0.24	NA	0.56	<1.26	<1.41	<1.28
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.63	0.705	0.64
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0506	<0.0565	<0.0513
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0253	0.02825	0.02565

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-2 23-25	SB-2 28-30	EB-3 0-1
DATE COLLECTED						12/8/2020	12/8/2020	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	5.77	<2.52	2.7
As Proxy**	mg/kg	24	2.5	5.9	1.70		1.26	
Barium	mg/kg	8100	220	300	100	254	18.4	108
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	0.0895 J	<0.630	<0.636
Chromium	mg/kg	27000	1200	30	15.33	15.8	1.37	25
Lead	mg/kg	500	1.5	15	7.11	18.1	1.78	11.9
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	1.90 J	<2.52	<2.54
Se Proxy**	mg/kg	310	1.1	0.3	1.20		1.26	1.27
Silver*	mg/kg	97	0.24	NA	0.56	<1.26	<1.26	<1.27
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.63	0.63	0.635
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0502	<0.0504	<0.0509
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0251	0.0252	0.02545

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-3 1-3	EB-4 0-1	EB-4 1-3
DATE COLLECTED						2/22/2021	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.62 J	1.98 J	2.9
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	796	149	114
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.594	<0.611	<0.598
Chromium	mg/kg	27000	1200	30	15.33	22.6	21.8	19.3
Lead	mg/kg	500	1.5	15	7.11	7.38	8	11.8
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.38	<2.44	<2.39
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.19	1.22	1.195
Silver*	mg/kg	97	0.24	NA	0.56	<1.19	<1.22	<1.20
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.595	0.61	0.6
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0476	<0.0489	<0.0478
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0238	0.02445	0.02475

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-5 0-1	EB-5 1-3	EB-6 3-5
DATE COLLECTED						2/22/2021	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	0.721 J	0.639 J	2.06 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	107	131	1400 J3O1V
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.619	<0.605	<0.677
Chromium	mg/kg	27000	1200	30	15.33	22.3	20	21.6
Lead	mg/kg	500	1.5	15	7.11	7.79	9.05	4.55
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.47	<2.42	<2.71
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.235	1.21	1.355
Silver*	mg/kg	97	0.24	NA	0.56	<1.24	<1.21	<1.35
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.62	0.65	0.675
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0495	<0.0484	<0.0542
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.02475	0.0242	0.0271

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-7 0-1	EB-8 0-1	EB-9 0-1
DATE COLLECTED						2/22/2021	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NS
Arsenic	mg/kg	24	2.5	5.9	1.70	3.01	1.54 J	40.4
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	160	165	386
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	0.157 J	0.0848 J	4.74
Chromium	mg/kg	27000	1200	30	15.33	18.7	17.1	32.3
Lead	mg/kg	500	1.5	15	7.11	14.3	10.2	4000
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.32	<2.44	<2.43
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.16	1.22	1.215
Silver*	mg/kg	97	0.24	NA	0.56	<1.16	<1.22	19.1
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.58	0.61	
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0464	<0.0488	0.189
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0232	0.0244	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

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J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-9A 1-3	EB-9A 3-5	EB-11 1-3
DATE COLLECTED						04/21/2021	04/21/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.52	3	<2.30
As Proxy**	mg/kg	24	2.5	5.9	1.70	1.26		
Barium	mg/kg	8100	220	300	100	NT	NT	46.6
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT	<0.575
Chromium	mg/kg	27000	1200	30	15.33	NT	NT	9.66
Lead	mg/kg	500	1.5	15	7.11	11.3	12.2	9.15
Nickel	mg/kg	840	79	10	NA	NT	NT	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT	<2.30
Se Proxy**	mg/kg	310	1.1	0.3	1.20			1.15
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT	<1.15
Ag Proxy**	mg/kg	97	0.24	NA	0.56			0.575
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT	<0.0460
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10			0.023

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-12 0-1	EB-13 3-5	EB-14 3-5
DATE COLLECTED						2/22/2021	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.75 J	<2.24	<2.28
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	92.5	14.7	62.8
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	0.0698 J	<0.559	<0.570
Chromium	mg/kg	27000	1200	30	15.33	27.5	3.97	4.58
Lead	mg/kg	500	1.5	15	7.11	13	3.92	4.55
Nickel	mg/kg	840	79	10	NA	NS	NS	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.53	<2.24	<2.28
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.265	1.12	1.14
Silver*	mg/kg	97	0.24	NA	0.56	<1.26	<1.12	<1.14
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.63	0.56	0.57
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0506	<0.0447	<0.0456
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.0253	0.02235	0.0228

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-15 3-5	EB-16 3-5	EB-18 1-3
DATE COLLECTED						2/22/2021	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.35	<2.47	3.96
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	147	81.2	258
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	<0.588	<0.617	1.04
Chromium	mg/kg	27000	1200	30	15.33	17.7	22.4	15.2
Lead	mg/kg	500	1.5	15	7.11	6.27	8.34	268
Nickel	mg/kg	840	79	10	NA	NS	NS	NS
Selenium*	mg/kg	310	1.1	0.3	1.20	<2.35	<2.47	<2.31
Se Proxy**	mg/kg	310	1.1	0.3	1.20	1.155	1.235	1.155
Silver*	mg/kg	97	0.24	NA	0.56	<1.18	<1.23	0.251 J
Ag Proxy**	mg/kg	97	0.24	NA	0.56	0.59	0.615	
Mercury	mg/kg	2.1	0.0039	0.04	0.10	<0.0471	<0.0493	0.66
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	0.05366	0.02465	

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to TI PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-19 0-1	EB-19 1-3
DATE COLLECTED						04/21/2021	04/21/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.06 J	<2.47
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	NT	NT
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	16.3	12.4
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-19 3-5	EB-20 0-1
DATE COLLECTED						04/21/2021	04/21/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.11 J	1.13 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	NT	NT
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	9.32	248
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-20 1-3	EB-20 3-5
DATE COLLECTED						04/21/2021	04/21/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.03 J	<2.58
As Proxy**	mg/kg	24	2.5	5.9	1.70		1.29
Barium	mg/kg	8100	220	300	100	NT	NT
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	30.1	18.5
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-21 0-1	SB-1-S 0-1
DATE COLLECTED						04/21/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.18	2.28
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	NT	167 J3 J5 O1
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	306	54.4 O1
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1-S 1-2	SB-1-W 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.07 J	0.855 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	23.5	30.9
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	11.1	20.6
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1-W 1-2	SB-1-N 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.37	0.929 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	44.2	60.4
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	6.87	8.41
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1-N 1-2	SB-1-E 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.31	2.04 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	49.2	103
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	7.16	96.2
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-1-E 1-2	SB-7-S 0-1	SB-7-S 1-2
DATE COLLECTED						8/25/2021	8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	0.78 J	1.99 J	1.73 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	132 J5	62.6	127
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT	NT
Lead	mg/kg	500	1.5	15	7.11	26.2	101	6.64
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-7-E 0-1	SB-7-E 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	3.34	4.02
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	119	149
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	14.3	11
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-7-W 0-1	SB-7-W 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	0.955 J	<2.43
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	64.3	36.9
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	95.5	14.6
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

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J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						SB-7-N 0-1	SB-7-N 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.77 J	4.03
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	55.4	215
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	44.1	10.1
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-3-E 0-1	EB-3-E 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.38	1.29 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	53.3	69.5
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	54.6	9.85
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-3-N 0-1	EB-3-N 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.36 J	2.25 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	119	55.1
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	49.2	20.4
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-3-W 0-1	EB-3-W 1-2
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas- Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.68 J	1.54 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	148	85.8
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	234	18.6
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-6-S 0-1	EB-6-S 1-2	EB-6-E 0-1
DATE COLLECTED						8/25/2021	8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	3.14	2.7	1.47 J
As Proxy**	mg/kg	24	2.5	5.9	1.70			
Barium	mg/kg	8100	220	300	100	67.7	66.1	57.3
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT	NT
Lead	mg/kg	500	1.5	15	7.11	11.4	12.1	8.26
Nickel	mg/kg	840	79	10	NA	NT	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-6-E 1-2	EB-6-N 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	4.91	2.27 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	61.7	121
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	36.4	29.5
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

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These failures indicate matrix interference.

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-6-N 1-2	EB-6-W 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	0.728 J	2.59
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	34	82.2
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	8.54	15.6
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

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J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-6-W 1-2	EB-7-SW 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	0.673 J	2.72
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	71.1	89.1
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	10.9	125
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-7-SW 1-2	EB-8-SE 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.8 J	3.51
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	91.4	172
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	7.73	69.6
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-8-SE 1-2	EB-18-N 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	2.22 J	2.78
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	169	149
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	10.4	97.2
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-18-N 1-2	EB-18-E 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	9.54	10.1
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	355	71.3
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	759	480
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level

per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-18-E 1-2	EB-18-S 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	2.66	9.67
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	50.8	73.3
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	54.9	374
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

*Metal screened out as a COC and is not highlighted for an exceedence of a critical PCL

**Indicates COC ND results adjusted to half the SQL for purposes of comparison to T1 PCL.

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-18-S 1-2	EB-18-W 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	7.64	2.76
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	66.9	102
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	175	104
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

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These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-18-W 1-2	EB-19-E 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	2.22 J	1.33 J
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	173	117
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	160	173
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

NT - Not Tested

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O1 - The analyte failed the method required serial dilution test and/or subsequent post-spike criteria.

These failures indicate matrix interference.

V - The sample concentration is too high to evaluate accurate spike recoveries.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-19-E 1-2	EB-20-W 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	1.79 J	<2.38
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	200	31.9
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	56.3	27.2
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

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Bold values indicate lab detection

NT - Not Tested

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-20-W 1-2	EB-21-N 0-1
DATE COLLECTED						8/25/2021	8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	<2.39	9.55
As Proxy**	mg/kg	24	2.5	5.9	1.70		
Barium	mg/kg	8100	220	300	100	125	122
Beryllium	mg/kg	38	0.92	1.5	NA	NT	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT	NT
Chromium	mg/kg	27000	1200	30	15.33	NT	NT
Lead	mg/kg	500	1.5	15	7.11	7.49	110
Nickel	mg/kg	840	79	10	NA	NT	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT	NT

30 Acres PCL

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Bold values indicate lab detection

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - METALS

SAMPLE ID						EB-21-N 1-2
DATE COLLECTED						8/25/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Texas-Specific Background	Site-Specific Background	Result
Antimony	mg/kg	15	2.7	1.0	NA	NT
Arsenic	mg/kg	24	2.5	5.9	1.70	3.69
As Proxy**	mg/kg	24	2.5	5.9	1.70	
Barium	mg/kg	8100	220	300	100	40
Beryllium	mg/kg	38	0.92	1.5	NA	NT
Cadmium	mg/kg	51	0.75	NA	0.36	NT
Chromium	mg/kg	27000	1200	30	15.33	NT
Lead	mg/kg	500	1.5	15	7.11	60.1
Nickel	mg/kg	840	79	10	NA	NT
Selenium*	mg/kg	310	1.1	0.3	1.20	NT
Se Proxy**	mg/kg	310	1.1	0.3	1.20	NT
Silver*	mg/kg	97	0.24	NA	0.56	NT
Ag Proxy**	mg/kg	97	0.24	NA	0.56	NT
Mercury	mg/kg	2.1	0.0039	0.04	0.10	NT
Hg Proxy**	mg/kg	2.1	0.0039	0.04	0.10	NT

30 Acres PCL

Highlighted Values Exceed Texas-Specific, Site-Specific, PCL Limits, and have not been Screened Out

Bold values indicate lab detection

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Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - VOCs

SAMPLE ID				SB-1 13-15	SB-2 13-15	SB-3 15-17	SB-4 21-23	SB-5 15-17	SB-6 28-30	SB-7 22-24
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/12/2019	6/12/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	Result
Acetone	mg/kg	59000	21	<0.0286	<0.0303	0.0391	0.0400	<0.0295 J3	<0.0319 J3	<0.0294 J3
Acrylonitrile	mg/kg	2.2	0.0017	<0.0143	<0.0151	<0.0139	0.0147	<0.0148	<0.016	<0.0147
Benzene	mg/kg	69	0.013	<0.00114	0.000721 J	<0.00111	<0.00118	<0.00118	<0.00128	<0.00118
Bromobenzene	mg/kg	280	1.2	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
Bromochloromethane	mg/kg	3300	1.5	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	mg/kg	98	0.18	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Bromoform	mg/kg	280	0.22	<0.0286	<0.0303	<0.0278	<0.0295	<0.0295	<0.0319	<0.0294
Bromomethane	mg/kg	24	0.065	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
n-Butylbenzene	mg/kg	3300	76	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
sec-Butylbenzene	mg/kg	3300	42	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
tert-Butylbenzene	mg/kg	3300	50	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Carbon tetrachloride	mg/kg	23	0.031	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Chlorobenzene	mg/kg	320	0.55	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Chlorodibromomethane	mg/kg	72	0.18	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Chloroethane	mg/kg	23000	15	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Chloroform	mg/kg	8	0.17	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Chloromethane	mg/kg	84	0.2	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
2-Chlorotoluene	mg/kg	1100	4.5	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
4-Chlorotoluene	mg/kg	1600	5.4	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.0286	<0.0303	<0.0278	<0.0295	<0.0295	<0.0319	<0.0294
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Dibromomethane	mg/kg	42	0.56	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Dichlorodifluoromethane	mg/kg	750	120	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,2-Dichloroethane	mg/kg	30	0.0069	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,1-Dichloroethene	mg/kg	1600	0.025	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,2-Dichloropropane	mg/kg	31	0.011	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,1-Dichloropropene	mg/kg	26	0.067	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,3-Dichloropropene	mg/kg	26	0.032	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.00572	<0.00606	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
2,2-Dichloropropane	mg/kg	31	0.06	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Di-isopropyl ether	mg/kg	3300	6	<0.00114	<0.00121	<0.00111	<0.00118	<0.00118	<0.00128	<0.00118
Ethylbenzene	mg/kg	5300	3.8	0.0035	<0.00303	0.00228 J	0.00217 J	<0.00295	<0.00319	<0.00294
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.0286	<0.0303	<0.0278	<0.0295	<0.0295	<0.0319	<0.0294
Isopropylbenzene	mg/kg	3000	170	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
p-Isopropyltoluene	mg/kg	8200	120	<0.00572	0.022	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
2-Butanone (MEK)	mg/kg	33000	15	0.0279 J	0.0186 J	0.0376	0.0327	<0.0295	<0.0319	<0.0294
Methylene Chloride	mg/kg	1500	0.0065	<0.0286	<0.0303	<0.0278	<0.0295	<0.0295	<0.0319	<0.0294
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	<0.0286	<0.0303	<0.0278	<0.0295	<0.0295	<0.0319	<0.0294
Methyl tert-butyl ether	mg/kg	590	0.31	<0.00114	<0.00121	<0.00111	<0.00118	<0.00118	<0.00128	<0.00118
Naphthalene	mg/kg	120	16	<0.0143	0.0135 J	<0.0139	0.00501 J	<0.0148	<0.016	<0.0147
n-Propylbenzene	mg/kg	1600	22	<0.00572	0.00243 J	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Styrene	mg/kg	4300	1.6	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Tetrachloroethene	mg/kg	420	0.025	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Toluene	mg/kg	5400	4.1	<0.00572	0.00218 J	0.00221 J	0.00327 J	0.00233 BJ	0.00197 BJ	0.00419 BJ
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Trichloroethene	mg/kg	11	0.017	<0.00114	<0.00121	<0.00111	<0.00118	<0.00118	<0.00128	<0.00118
Trichlorofluoromethane	mg/kg	25000	64	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	<0.0143	<0.0151	<0.0139	<0.0147	<0.0148	<0.016	<0.0147
1,2,4-Trimethylbenzene	mg/kg	1200	16	0.0014 J	0.0085	0.00170 J	0.00168 J	<0.0059	<0.00639	<0.00589
1,2,3-Trimethylbenzene	mg/kg	1100	11	<0.00572	0.00499 J	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.00572	0.00445 J	<0.00556	<0.00590	<0.0059	<0.00639	<0.00589
Vinyl chloride	mg/kg	3.4	0.011	<0.00286	<0.00303	<0.00278	<0.00295	<0.00295	<0.00319	<0.00294
Xylenes, Total	mg/kg	3700	61	0.0158	<0.00787	0.0107	0.00710 J	<0.00767	<0.0083	<0.00765

30 Acres PCL

Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

B - The same analyte is found in the associated blank.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - VOCs

SAMPLE ID				SB-8 24-26	SB-9 15-17	SB-10 28-30	SB-11 2-4	SB-11 11-13	SS-1 (Bottom) - 7'	SS-2 (Stockpile)
DATE COLLECTED				6/12/2019	6/12/2019	6/12/2019	6/12/2019	6/12/2019	1/3/2020	1/3/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	Result
Acetone	mg/kg	59000	21	<0.0299 J3	<0.0297 J3	<0.0297 J3	<0.0292 J3	<0.0289 J3	NT	NT
Acrylonitrile	mg/kg	2.2	0.0017	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	NT	NT
Benzene	mg/kg	69	0.013	<0.0012	<0.00119	<0.00119	<0.00117	<0.00116	0.000503	<0.000239
Bromobenzene	mg/kg	280	1.2	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000335	<0.000400
Bromochloromethane	mg/kg	3300	1.5	NT	NT	NT	NT	NT	<0.000508	<0.000607
Bromodichloromethane	mg/kg	98	0.18	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000243	<0.000290
Bromoform	mg/kg	280	0.22	<0.0299	<0.0297	<0.0297	<0.0292	<0.0289	<0.000999	<0.00119
Bromomethane	mg/kg	24	0.065	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000912	<0.00109
n-Butylbenzene	mg/kg	3300	76	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000265	<0.000316
sec-Butylbenzene	mg/kg	3300	42	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000252	<0.000301
tert-Butylbenzene	mg/kg	3300	50	<0.00598	<0.00594	<0.00595	<0.00584	0.00324 J	<0.00124	<0.00148
Carbon tetrachloride	mg/kg	23	0.031	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.00159	<0.00190
Chlorobenzene	mg/kg	320	0.55	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000229	<0.000274
Chlorodibromomethane	mg/kg	72	0.18	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.00101	<0.00121
Chloroethane	mg/kg	23000	15	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000429	<0.000513
Chloroform	mg/kg	8	0.17	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.00167	<0.00200
Chloromethane	mg/kg	84	0.2	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000416	<0.000497
2-Chlorotoluene	mg/kg	1100	4.5	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000330	<0.000395
4-Chlorotoluene	mg/kg	1600	5.4	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000255	<0.000305
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.0299	<0.0297	<0.0297	<0.0292	<0.0289	<0.000865	<0.00103
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000325	<0.000388
Dibromomethane	mg/kg	42	0.56	<0.00598	<0.00584	<0.00595	<0.00584	<0.00578	<0.000168	<0.000201
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000359	<0.000429
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000278	<0.000332
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000264	<0.000315
Dichlorodifluoromethane	mg/kg	750	120	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000207	<0.000248
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.00108	<0.00129
1,2-Dichloroethane	mg/kg	30	0.0069	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000294	<0.000351
1,1-Dichloroethene	mg/kg	1600	0.025	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000364	<0.000435
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000420	<0.000501
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000291	<0.000347
1,2-Dichloropropane	mg/kg	31	0.011	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000268	<0.000320
1,1-Dichloropropene	mg/kg	26	0.067	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000192	<0.000229
1,3-Dichloropropane	mg/kg	26	0.032	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000507	<0.000606
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000880	<0.00105
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000434	<0.000518
2,2-Dichloropropane	mg/kg	31	0.06	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000395	<0.000472
Di-isopropyl ether	mg/kg	3300	6	<0.0012	<0.00119	<0.00119	<0.00117	<0.00116	NT	NT
Ethylbenzene	mg/kg	5300	3.8	<0.00299	0.00837	<0.00297	<0.00292	<0.00289	<0.000222	<0.000265
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.0299	<0.0297	<0.0297	<0.0292	<0.0289	<0.00193	<0.00231
Isopropylbenzene	mg/kg	3000	170	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000308	<0.000368
p-Isopropyltoluene	mg/kg	8200	120	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000681	<0.000813
2-Butanone (MEK)	mg/kg	33000	15	<0.0299	<0.0297	<0.0297	<0.0292	0.0175 J	<0.00353	<0.00421
Methylene Chloride	mg/kg	1500	0.0065	<0.0299	<0.0297	<0.0297	<0.0292	<0.0289	<0.00408	<0.00487
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	<0.0299	<0.0297	<0.0297	<0.0292	<0.0289	NT	NT
Methyl tert-butyl ether	mg/kg	590	0.31	<0.0012	<0.00119	<0.00119	<0.00117	<0.00116	<0.000395	<0.000472
Naphthalene	mg/kg	120	16	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.00193	<0.00231
n-Propylbenzene	mg/kg	1600	22	<0.00598	<0.00594	<0.00595	<0.00584	<0.00578	<0.000276	<0.000330
Styrene	mg/kg	4300	1.6	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.000199	<0.000237
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000258	<0.000308
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.00299	<0.00297	<0.00297	<0.00292	0.130	<0.000454	<0.000543
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	NT	NT
Tetrachloroethene	mg/kg	420	0.025	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000357	<0.000427
Toluene	mg/kg	5400	4.1	0.00262 BJ	0.00320 BJ	<0.00595	0.00392 BJ	0.00294 BJ	0.00412	<0.00116
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.00193	<0.00231
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	<0.00193	<0.00231
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000379	<0.000453
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000486	<0.000581
Trichloroethene	mg/kg	11	0.017	<0.0012	<0.00119	<0.00119	<0.00117	<0.00116	<0.000478	<0.000571
Trichlorofluoromethane	mg/kg	25000	64	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000297	<0.000355
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	<0.0149	<0.0149	<0.0149	<0.0146	<0.0145	NT	NT
1,2,4-Trimethylbenzene	mg/kg	1200	16	<0.00598	0.0114	<0.00595	<0.00584	<0.00578	<0.000247	0.000324
1,2,3-Trimethylbenzene	mg/kg	1100	11	<0.00598	0.00300 J	<0.00595	<0.00584	<0.00578	NT	NT
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.00598	0.00383 J	<0.00595	<0.00584	<0.00578	<0.000279	<0.000334
Vinyl chloride	mg/kg	3.4	0.011	<0.00299	<0.00297	<0.00297	<0.00292	<0.00289	<0.000427	<0.000510
Xylenes, Total	mg/kg	3700	61	<0.00777	0.0448	<0.00773	<0.00759	<0.00752	<0.000422	<0.000505

30 Acres PCL
 Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit
 NT - Not Tested
 Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).
 B - The same analyte is found in the associated blank.
 J - The identification of the analyte is acceptable; the reported value is an estimate.
 Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - VOCs

SAMPLE ID		SS-3 (East Wall) - 6'	SB-1 0-2	SB-1 2-4	SB-1 4-6	SB-1 6-8	SB-1 8-10	SB-1 13-15		
DATE COLLECTED		1/3/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020		
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	
Acetone	mg/kg	59000	21	NT	<0.109	<0.0994	<0.115	<0.0930	<0.0875	<0.0878
Acrylonitrile	mg/kg	2.2	0.0017	NT	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.0219
Benzene	mg/kg	69	0.013	<0.000224	0.00211 J	<0.00199	<0.0023	<0.00186	<0.00175	<0.00176
Bromobenzene	mg/kg	280	1.2	<0.000374	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.0219
Bromochloromethane	mg/kg	3300	1.5	<0.000568	NT	NT	NT	NT	NT	NT
Bromodichloromethane	mg/kg	98	0.18	<0.000271	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Bromoform	mg/kg	280	0.22	<0.00112	<0.0547	<0.0497	<0.0576	<0.0465	<0.0438	<0.0439
Bromomethane	mg/kg	24	0.065	<0.00102	<0.0274 J4	<0.0249 J4	<0.0287 J4	<0.0232 J4	<0.0219	<0.0219
n-Butylbenzene	mg/kg	3300	76	<0.000296	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.0219
sec-Butylbenzene	mg/kg	3300	42	<0.000282	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.0219
tert-Butylbenzene	mg/kg	3300	50	<0.00139	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
Carbon tetrachloride	mg/kg	23	0.031	<0.00177	<0.0109	<0.00994	<0.0115	<0.00993	<0.00975	<0.00878
Chlorobenzene	mg/kg	320	0.55	<0.000256	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Chlorodibromomethane	mg/kg	72	0.18	<0.00113	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Chloroethane	mg/kg	23000	15	<0.000480	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
Chloroform	mg/kg	8	0.17	<0.000187	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Chloromethane	mg/kg	84	0.2	<0.000465	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.0219
2-Chlorotoluene	mg/kg	1100	4.5	<0.000369	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
4-Chlorotoluene	mg/kg	1600	5.4	<0.000285	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.000966	<0.0547	<0.0497	<0.0576	<0.0465	<0.0438	<0.0439
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.000363	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Dibromomethane	mg/kg	42	0.56	<0.000188	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.000401	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.000311	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.000294	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
Dichlorodifluoromethane	mg/kg	750	120	<0.000232	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00120	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,2-Dichloroethane	mg/kg	30	0.0069	<0.000328	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,1-Dichloroethene	mg/kg	1600	0.025	<0.000406	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.000469	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.000325	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,2-Dichloropropane	mg/kg	31	0.011	<0.000299	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
1,1-Dichloropropene	mg/kg	26	0.067	<0.000214	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,3-Dichloropropane	mg/kg	26	0.032	<0.000566	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.000982	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.000484	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
2,2-Dichloropropane	mg/kg	31	0.06	<0.000442	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Di-isopropyl ether	mg/kg	3300	6	NT	<0.00219	<0.00199	<0.0023	<0.00186	<0.00175	<0.00176
Ethylbenzene	mg/kg	5300	3.8	<0.000248	0.00196 J	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.00216	<0.0547	<0.0497	<0.0576	<0.0465	<0.0438	<0.0439
Isopropylbenzene	mg/kg	3000	170	<0.000344	0.000972 J	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
p-Isopropyltoluene	mg/kg	8200	120	<0.000760	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
2-Butanone (MEK)	mg/kg	33000	15	<0.00394	<0.219	0.142 J	0.161 J	<0.186	<0.175	<0.0219
Methylene Chloride	mg/kg	1500	0.0065	<0.00456	<0.0547	<0.0497	<0.0576	<0.0465	<0.0438	<0.00878
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	NT	<0.0547	<0.0497	<0.0576	<0.0465	<0.0438	<0.00878
Methyl tert-butyl ether	mg/kg	590	0.31	<0.000441	<0.00219	<0.00199	<0.00230	<0.00186	<0.00175	<0.00439
Naphthalene	mg/kg	120	16	<0.00216	0.0275 J	<0.0249	<0.0287	<0.0232	<0.0219 J4	<0.00439 J4
n-Propylbenzene	mg/kg	1600	22	<0.000309	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
Styrene	mg/kg	4300	1.6	<0.000222	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.00439
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.000288	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.0219
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.000507	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	NT	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00878
Tetrachloroethene	mg/kg	420	0.025	<0.000399	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.0439
Toluene	mg/kg	5400	4.1	<0.00108	0.00825 J	0.00339 J	0.00541 J	0.00381 J	0.00424 J	0.00351 J
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.00216	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.00878
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.00216	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219 J4	<0.00878 J4
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.000423	<0.00547 J4	<0.00497 J4	<0.00576 J4	<0.00465 J4	<0.00438	<0.00878
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.000543	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00878
Trichloroethene	mg/kg	11	0.017	<0.000534	<0.00219	<0.00199	<0.00230	<0.00186	0.00149 J	<0.00439
Trichlorofluoromethane	mg/kg	25000	64	<0.000332	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00439
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	NT	<0.0274	<0.0249	<0.0287	<0.0232	<0.0219	<0.00439
1,2,4-Trimethylbenzene	mg/kg	1200	16	<0.000275	0.00779 J	<0.00994	<0.0115	<0.00930	<0.00975	<0.00439
1,2,3-Trimethylbenzene	mg/kg	1100	11	NT	0.00659 J	<0.00994	<0.0115	<0.00930	<0.00975	<0.00439
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.000312	<0.0109	<0.00994	<0.0115	<0.00930	<0.00975	<0.00878
Vinyl chloride	mg/kg	3.4	0.011	<0.000477	<0.00547	<0.00497	<0.00576	<0.00465	<0.00438	<0.00878
Xylenes, Total	mg/kg	3700	61	<0.000472	0.0177	<0.0129	<0.0149	<0.0121	<0.0114	<0.00439

30 Acres PCL

Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

B - The same analyte is found in the associated blank.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - VOCs

SAMPLE ID		SB-1 18-20	SB-1 23-25	SB-1 28-30	SB-2 0-2	SB-2 2-4	SB-2 4-6	SB-2 6-8		
DATE COLLECTED		12/7/2020	12/7/2020	12/7/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020		
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result		
Acetone	mg/kg	59000	21	<0.112	<0.0913	<0.0900	<0.0900	<0.0883	<0.100	<0.112
Acrylonitrile	mg/kg	2.2	0.0017	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
Benzene	mg/kg	69	0.013	<0.00225	<0.00183	<0.00180	<0.00180	<0.00177	<0.00200	<0.00223
Bromobenzene	mg/kg	280	1.2	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
Bromochloromethane	mg/kg	3300	1.5	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	mg/kg	98	0.18	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Bromoform	mg/kg	280	0.22	<0.0562	<0.0457	<0.04500	<0.0450	<0.0442	<0.0500	<0.0559
Bromomethane	mg/kg	24	0.065	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
n-Butylbenzene	mg/kg	3300	76	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
sec-Butylbenzene	mg/kg	3300	42	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
tert-Butylbenzene	mg/kg	3300	50	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Carbon tetrachloride	mg/kg	23	0.031	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Chlorobenzene	mg/kg	320	0.55	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Chlorodibromomethane	mg/kg	72	0.18	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Chloroethane	mg/kg	23000	15	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Chloroform	mg/kg	8	0.17	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Chloromethane	mg/kg	84	0.2	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
2-Chlorotoluene	mg/kg	1100	4.5	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
4-Chlorotoluene	mg/kg	1600	5.4	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.0562	<0.0457	<0.0450	<0.0450	<0.0442	<0.0500	<0.0559
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Dibromomethane	mg/kg	42	0.56	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Dichlorodifluoromethane	mg/kg	750	120	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,2-Dichloroethane	mg/kg	30	0.0069	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,1-Dichloroethene	mg/kg	1600	0.025	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,2-Dichloropropane	mg/kg	31	0.011	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,1-Dichloropropene	mg/kg	26	0.067	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,3-Dichloropropane	mg/kg	26	0.032	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
2,2-Dichloropropane	mg/kg	31	0.06	<0.00562	<0.00457	<0.00450	<0.00450 J4	<0.00442 J4	<0.00500 J4	<0.00559 J4
Di-isopropyl ether	mg/kg	3300	6	<0.00225	<0.00183	<0.00180	<0.00180	<0.00177	<0.00200	<0.00223
Ethylbenzene	mg/kg	5300	3.8	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.0562	<0.0457	<0.0450	<0.0450 J4	<0.0442 J4	<0.0500 J4	<0.0559 J4
Isopropylbenzene	mg/kg	3000	170	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
p-Isopropyltoluene	mg/kg	8200	120	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
2-Butanone (MEK)	mg/kg	33000	15	<0.225	<0.183	0.121 J	<0.180	<0.177	<0.200	0.153 BJ
Methylene Chloride	mg/kg	1500	0.0065	<0.0562	<0.0457	<0.0450	<0.0450	<0.0442	<0.0500	<0.0559
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	<0.0562	<0.0457	<0.0450	<0.0450	<0.0442	<0.0500	<0.0559
Methyl tert-butyl ether	mg/kg	590	0.31	<0.00225	<0.00183	<0.00180	<0.00180	<0.00177	<0.00200	<0.00223
Naphthalene	mg/kg	120	16	<0.0281 J4	<0.0228 J4	<0.0226 J4	0.0361	<0.0221	<0.0251	<0.0279
n-Propylbenzene	mg/kg	1600	22	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Styrene	mg/kg	4300	1.6	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Tetrachloroethene	mg/kg	420	0.025	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Toluene	mg/kg	5400	4.1	0.00545 J	0.00506 J	0.00333 J	0.004 J	0.00335 J	0.0049 J	0.00598 J
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.0281 J4	<0.0228 J4	<0.0226 J4	<0.0225	<0.0221	<0.0251	<0.0279
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Trichloroethene	mg/kg	11	0.017	<0.00225	<0.00183	<0.00180	<0.00180	<0.00177	<0.00200	<0.00223
Trichlorofluoromethane	mg/kg	25000	64	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	<0.0281	<0.0228	<0.0226	<0.0225	<0.0221	<0.0251	<0.0279
1,2,4-Trimethylbenzene	mg/kg	1200	16	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,2,3-Trimethylbenzene	mg/kg	1100	11	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.0112	<0.00913	<0.00900	<0.00900	<0.00883	<0.0100	<0.0112
Vinyl chloride	mg/kg	3.4	0.011	<0.00562	<0.00457	<0.00450	<0.00450	<0.00442	<0.00500	<0.00559
Xylenes, Total	mg/kg	3700	61	<0.0146	<0.0119	<0.0117	<0.0117	<0.0115	<0.0130	<0.0145

30 Acres PCL

Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit
NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

B - The same analyte is found in the associated blank.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - VOCs

SAMPLE ID				SB-2 8-10	SB-2 13-15	SB-2 18-20	SB-2 23-25	SB-2 28-30	EB-1 1-3	EB-1 6-8
DATE COLLECTED				12/8/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	Result
Acetone	mg/kg	59000	21	<0.114	<0.113	<0.117	<0.128	<0.101	<0.0752	<0.0713
Acrylonitrile	mg/kg	2.2	0.0017	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	<0.0188	<0.0178
Benzene	mg/kg	69	0.013	<0.00229	<0.00226	<0.00235	<0.00256	<0.00202	<0.00150	<0.00143
Bromobenzene	mg/kg	280	1.2	<0.0286	<0.0283	<0.0235	<0.0321	<0.0253	<0.0188	<0.0178
Bromochloromethane	mg/kg	3300	1.5	NT	NT	NT	NT	NT	NT	NT
Bromodichloromethane	mg/kg	98	0.18	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Bromoform	mg/kg	280	0.22	<0.0572	<0.0566	<0.0535	<0.0641	<0.0506	<0.0376	<0.0356
Bromomethane	mg/kg	24	0.065	<0.0286	<0.0283	<0.0235	<0.0321	<0.0253	<0.0188	<0.0178
n-Butylbenzene	mg/kg	3300	76	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	<0.0188	0.017 J
sec-Butylbenzene	mg/kg	3300	42	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	<0.0188	0.0369
tert-Butylbenzene	mg/kg	3300	50	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	0.00602 J
Carbon tetrachloride	mg/kg	23	0.031	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
Chlorobenzene	mg/kg	320	0.55	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Chlorodibromomethane	mg/kg	72	0.18	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Chloroethane	mg/kg	23000	15	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	<0.00713
Chloroform	mg/kg	8	0.17	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Chloromethane	mg/kg	84	0.2	<0.0286	<0.0283	<0.0235	<0.0321	<0.0253	<0.0188	<0.0178
2-Chlorotoluene	mg/kg	1100	4.5	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
4-Chlorotoluene	mg/kg	1600	5.4	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.0572	<0.0566	<0.0588	<0.0641	<0.0506	<0.0376	<0.0356
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
Dibromomethane	mg/kg	42	0.56	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
Dichlorodifluoromethane	mg/kg	750	120	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
1,2-Dichloroethane	mg/kg	30	0.0069	<0.00572	<0.00566	<0.00535	<0.00641	0.00132 BJ	<0.00376	<0.00356
1,1-Dichloroethene	mg/kg	1600	0.025	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,2-Dichloropropane	mg/kg	31	0.011	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
1,1-Dichloropropene	mg/kg	26	0.067	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
1,3-Dichloropropane	mg/kg	26	0.032	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.0114	<0.0113	<0.0135	<0.0128	<0.0101	<0.00752	<0.00713
2,2-Dichloropropane	mg/kg	31	0.06	<0.00572 J4	<0.00566 J4	<0.00535 J4	<0.00641 J4	<0.00506 J4	<0.00376	<0.00356
Di-isopropyl ether	mg/kg	3300	6	<0.00229	<0.00226	<0.00235	<0.00256	<0.00202	<0.00150	<0.00143
Ethylbenzene	mg/kg	5300	3.8	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.0572 J4	<0.0566 J4	<0.0535 J4	<0.0641 J4	<0.0506 J4	<0.0376 J4	<0.0356 J4
Isopropylbenzene	mg/kg	3000	170	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	0.000949 J	0.00102 J
p-Isopropyltoluene	mg/kg	8200	120	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	<0.00713
2-Butanone (MEK)	mg/kg	33000	15	<0.229	0.145 BJ	<0.235	<0.256	<0.202	<0.150	<0.143
Methylene Chloride	mg/kg	1500	0.0065	<0.0572	<0.0566	<0.0535	<0.0641	<0.0506	<0.0376	<0.0356
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	<0.0572	<0.0566	<0.0535	<0.0641	<0.0506	<0.0376	<0.0356
Methyl tert-butyl ether	mg/kg	590	0.31	<0.00229	<0.00226	<0.00235	<0.00256	<0.00202	<0.00150	<0.00143
Naphthalene	mg/kg	120	16	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	0.00919 J	0.00932 J
n-Propylbenzene	mg/kg	1600	22	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	<0.00713
Styrene	mg/kg	4300	1.6	<0.0286	<0.0283	<0.0235	<0.0321	<0.0253	<0.0188	<0.0178
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
Tetrachloroethene	mg/kg	420	0.025	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Toluene	mg/kg	5400	4.1	0.00686 J	0.0044 J	0.00464 J	0.00424 J	0.00375 J	<0.00752	<0.00713
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	<0.0188 J4	<0.0178 J4
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.0286	<0.0283	<0.0235	<0.0321	<0.0253	<0.0188 J4	<0.0178 J4
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.00572	<0.00566	<0.00535	<0.00641	<0.00506	<0.00376	<0.00356
Trichloroethene	mg/kg	11	0.017	<0.00229	<0.00226	<0.00235	<0.00256	<0.00202	<0.00150	<0.00143
Trichlorofluoromethane	mg/kg	25000	64	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	<0.0286	<0.0283	<0.0293	<0.0321	<0.0253	<0.0188	<0.0178
1,2,4-Trimethylbenzene	mg/kg	1200	16	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	<0.00713
1,2,3-Trimethylbenzene	mg/kg	1100	11	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752 J4	<0.00713 J4
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.0114	<0.0113	<0.0117	<0.0128	<0.0101	<0.00752	<0.00713
Vinyl chloride	mg/kg	3.4	0.011	<0.00572	<0.00566	<0.00588	<0.00641	<0.00506	<0.00376	<0.00356
Xylenes, Total	mg/kg	3700	61	<0.0149	<0.0147	<0.0153	<0.0167	<0.0131	<0.00978	<0.00927

30 Acres PCL

Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit
NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

B - The same analyte is found in the associated blank.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - VOCs

SAMPLE ID				EB-1 26-28	EB-2 3-5
DATE COLLECTED				2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result
Acetone	mg/kg	59000	21	<0.0684	<0.0726
Acrylonitrile	mg/kg	2.2	0.0017	<0.0171	<0.0182
Benzene	mg/kg	69	0.013	<0.00137	<0.00145
Bromobenzene	mg/kg	280	1.2	<0.0171	<0.0182
Bromochloromethane	mg/kg	3300	1.5	NT	NT
Bromodichloromethane	mg/kg	98	0.18	<0.00342	<0.00363
Bromoform	mg/kg	280	0.22	<0.0342	<0.0363
Bromomethane	mg/kg	24	0.065	<0.0171	<0.0182
n-Butylbenzene	mg/kg	3300	76	0.00813 J	<0.0182
sec-Butylbenzene	mg/kg	3300	42	0.0157 J	<0.0182
tert-Butylbenzene	mg/kg	3300	50	<0.00684	<0.00726
Carbon tetrachloride	mg/kg	23	0.031	<0.00684	<0.00726
Chlorobenzene	mg/kg	320	0.55	<0.00342	<0.00363
Chlorodibromomethane	mg/kg	72	0.18	<0.00342	<0.00363
Chloroethane	mg/kg	23000	15	<0.00684	<0.00726
Chloroform	mg/kg	8	0.17	<0.00342	<0.00363
Chloromethane	mg/kg	84	0.2	<0.0171	<0.0182
2-Chlorotoluene	mg/kg	1100	4.5	<0.00342	<0.00363
4-Chlorotoluene	mg/kg	1600	5.4	<0.00684	<0.00726
1,2-Dibromo-3-Chloropropane	mg/kg	0.08	0.00087	<0.0342	<0.0363
1,2-Dibromoethane	mg/kg	2.1	0.0001	<0.00342	<0.00363
Dibromomethane	mg/kg	42	0.56	<0.00684	<0.00726
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.00684	<0.00726
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.00684	<0.00726
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.00684	<0.00726
Dichlorodifluoromethane	mg/kg	750	120	<0.00342	<0.00363
1,1-Dichloroethane	mg/kg	8800	9.2	<0.00342	<0.00363
1,2-Dichloroethane	mg/kg	30	0.0069	<0.00342	<0.00363
1,1-Dichloroethene	mg/kg	1600	0.025	<0.00342	<0.00363
cis-1,2-Dichloroethene	mg/kg	120	0.12	<0.00342	<0.00363
trans-1,2-Dichloroethene	mg/kg	370	0.25	<0.00684	<0.00726
1,2-Dichloropropane	mg/kg	31	0.011	<0.00684	<0.00726
1,1-Dichloropropene	mg/kg	26	0.067	<0.00342	<0.00363
1,3-Dichloropropane	mg/kg	26	0.032	<0.00684	<0.00726
cis-1,3-Dichloropropene	mg/kg	7.8	0.0033	<0.00342	<0.00363
trans-1,3-Dichloropropene	mg/kg	26	0.018	<0.00684	<0.00726
2,2-Dichloropropane	mg/kg	31	0.06	<0.00342	<0.00363
Di-isopropyl ether	mg/kg	3300	6	<0.00137	<0.00145
Ethylbenzene	mg/kg	5300	3.8	<0.00342	<0.00363
Hexachloro-1,3-butadiene	mg/kg	12	1.6	<0.0342 J4	<0.0363 J4
Isopropylbenzene	mg/kg	3000	170	0.00382	<0.00363
p-Isopropyltoluene	mg/kg	8200	120	<0.00684	<0.00726
2-Butanone (MEK)	mg/kg	33000	15	<0.137	<0.145
Methylene Chloride	mg/kg	1500	0.0065	<0.0342	<0.0363
4-Methyl-2-pentanone (MIBK)	mg/kg	5400	2.5	<0.0342	<0.0363
Methyl tert-butyl ether	mg/kg	590	0.31	<0.00137	<0.00145
Naphthalene	mg/kg	120	16	0.0468	<0.0182
n-Propylbenzene	mg/kg	1600	22	0.00768	<0.00726
Styrene	mg/kg	4300	1.6	<0.0171	<0.0182
1,1,1,2-Tetrachloroethane	mg/kg	39	0.71	<0.00342	<0.00363
1,1,2,2-Tetrachloroethane	mg/kg	30	0.012	<0.00342	<0.00363
1,1,2-Trichlorotrifluoroethane	mg/kg	39000	40000	<0.00342	<0.00363
Tetrachloroethene	mg/kg	420	0.025	<0.00342	<0.00363
Toluene	mg/kg	5400	4.1	<0.00684	<0.00726
1,2,3-Trichlorobenzene	mg/kg	87	13	<0.0171 J4	<0.0182 J4
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.0171 J4	<0.0182 J4
1,1,1-Trichloroethane	mg/kg	32000	0.81	<0.00342	<0.00363
1,1,2-Trichloroethane	mg/kg	10	0.01	<0.00342	<0.00363
Trichloroethene	mg/kg	11	0.017	<0.00137	<0.00145
Trichlorofluoromethane	mg/kg	25000	64	<0.00342	<0.00363
1,2,3-Trichloropropane	mg/kg	0.2	0.00027	<0.0171	<0.0182
1,2,4-Trimethylbenzene	mg/kg	1200	16	<0.00684	<0.00726
1,2,3-Trimethylbenzene	mg/kg	1100	11	<0.00684 J4	<0.00726 J4
1,3,5-Trimethylbenzene	mg/kg	1100	18	<0.00684	<0.00726
Vinyl chloride	mg/kg	3.4	0.011	<0.00342	<0.00363
Xylenes, Total	mg/kg	3700	61	<0.00890	<0.00944

30 Acres PCL

Highlighted Values Exceed State-Specific, Site-Specific, and PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

B - The same analyte is found in the associated blank.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-1 13-15	SB-2 13-15	SB-3 15-17	SB-4 21-23	SB-5 15-17
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0762	<0.0807	0.0547 J	<0.0763	<0.0393
Acenaphthylene	mg/kg	3800	200	<0.0762	<0.0807	<0.0741	<0.0763	<0.0393
Anthracene	mg/kg	18000	3400	<0.0762	<0.0807	0.145	<0.0763	<0.0393
Benzdine	mg/kg	0.013	0.000006	<0.762	<0.807	<0.741	<0.763	<0.393
Benzo(a)anthracene	mg/kg	41	65	<0.0762	0.0288 J	0.44	<0.0763	<0.0393
Benzo(b)fluoranthene	mg/kg	41	220	<0.0762	0.0333 J	0.487	<0.0763	<0.0393
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0762	<0.0807	0.178	<0.0763	<0.0393
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0762	<0.0807	0.209	<0.0763	<0.0393
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0762	0.0227 J	0.349	<0.0763	<0.0393
Bis(2-chloroethoxy)methane	mg/kg	2.5	0.0059	<0.762	<0.807	<0.741	<0.763	<0.393
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.762	<0.807 J3	<0.741	<0.763	<0.393
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.762	<0.807 J3	<0.741	<0.763	<0.393
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.762	<0.807	<0.741	<0.763	<0.393
2-Chloronaphthalene	mg/kg	5000	330	<0.0762	<0.0807	<0.0741	<0.0763	<0.0393
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.762	<0.807	<0.741	<0.763	<0.393
Chrysene	mg/kg	4100	5600	<0.0762	0.0259 J	0.438	<0.0763	<0.0393
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0762	<0.0807	0.0450 J	<0.0763	<0.0393
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	NT
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.762	<0.807	<0.741	<0.763	<0.393
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.762	<0.807	<0.741	<0.763	<0.393
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.762	<0.807	<0.741	<0.763	<0.393
Fluoranthene	mg/kg	2300	960	<0.0762	0.0627 J	0.970	<0.0763	<0.0393
Fluorene	mg/kg	2300	150	<0.0762	<0.0807	0.0408 J	<0.0763	<0.0393
Hexachlorobenzene	mg/kg	1	0.56	<0.762	<0.807	<0.741	<0.763	<0.393
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.762	<0.807 J3	<0.741	<0.763	<0.393
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.762	<0.807 J6	<0.741	<0.763	<0.393
Hexachloroethane	mg/kg	46	0.64	<0.762	<0.807 J3	<0.741	<0.763	<0.393
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0762	0.0191 J	0.234	<0.0763	<0.0393
Isophorone	mg/kg	4900	1.5	<0.762	<0.807	<0.741	<0.763	<0.393
Naphthalene	mg/kg	120	16	<0.0762	<0.0807	<0.0741	<0.0763	<0.0393
Nitrobenzene	mg/kg	34	0.18	<0.762	<0.807	<0.741	<0.763	<0.393
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.762	<0.807	<0.741	<0.763	<0.393
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.762	<0.807	<0.741	<0.763	<0.393
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.762	<0.807	<0.741	<0.763	<0.393
Phenanthrene	mg/kg	1700	210	<0.0762	0.0419 J	0.549	<0.0763	<0.0393
Benzylbutyl phthalate	mg/kg	1600	130	<0.762	<0.807	<0.741	<0.763	<0.393
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.762	<0.807	<0.741	<0.763	<0.393
Di-n-butyl phthalate	mg/kg	6200	1700	<0.762	<0.807	<0.741	<0.763	<0.393
Diethyl Phthalate	mg/kg	53000	78	<0.762	<0.807	<0.741	<0.763	<0.393
Dimethyl Phthalate	mg/kg	53000	31	<0.762	<0.807	<0.741	<0.763	<0.393
Di-n-octyl phthalate	mg/kg	640	410000	<0.762	<0.807	<0.741	<0.763	<0.393
Pyrene	mg/kg	1700	560	<0.0762	0.0516 J	0.772	<0.0763	<0.0393
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.762	<0.807 J3	<0.741	<0.763	<0.393
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.762	<0.807	<0.741	<0.763	<0.393
2-Chlorophenol	mg/kg	410	0.82	<0.762	<0.807	<0.741	<0.763	<0.393
2,4-Dichlorophenol	mg/kg	200	0.18	<0.762	<0.807	<0.741	<0.763	<0.393
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.762	<0.807	<0.741	<0.763	<0.393
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.762	<0.807	<0.741	<0.763	<0.393
2,4-Dinitrophenol	mg/kg	130	0.047	<0.762	<0.807 J3	<0.741	<0.763	<0.393
2-Nitrophenol	mg/kg	130	0.067	<0.762	<0.807	<0.741	<0.763	<0.393
4-Nitrophenol	mg/kg	130	0.05	<0.762	<0.807	<0.741	<0.763	<0.393
Pentachlorophenol	mg/kg	0.73	0.0092	<0.762	<0.807	<0.741	<0.763	<0.393
Phenol	mg/kg	950	9.6	<0.762	<0.807	<0.741	<0.763	<0.393
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.762	<0.807	<0.741	<0.763	<0.393

30 Acres PCL
Highlighted Values Exceed PCL Limit
NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.
Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-6 28-30	SB-7 22-24	SB-8 24-26	SB-9 15-17	SB-10 28-30
DATE COLLECTED				6/12/2019	6/12/2019	6/12/2019	6/12/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0425	<0.0392	<0.0398	0.0107 J	<0.0396
Acenaphthylene	mg/kg	3800	200	<0.0425	<0.0392	<0.0398	<0.0396	<0.0396
Anthracene	mg/kg	18000	3400	<0.0425	<0.0392	<0.0398	0.0219 J	<0.0396
Benzidine	mg/kg	0.013	0.000006	<0.425	<0.392	<0.398	<0.396	<0.396
Benzo(a)anthracene	mg/kg	41	65	<0.0425	<0.0392	<0.0398	0.0758	<0.0396
Benzo(b)fluoranthene	mg/kg	41	220	<0.0425	<0.0392	<0.0398	0.0841	<0.0396
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0425	<0.0392	<0.0398	0.0316 J	<0.0396
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0425	<0.0392	<0.0398	0.0347 J	<0.0396
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0425	<0.0392	<0.0398	0.0586	<0.0396
Bis(2-chloroethoxy)methane	mg/kg	2.5	0.0059	<0.425	<0.392	<0.398	<0.396	<0.396
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.425	<0.392	<0.398	<0.396	<0.396
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.425	<0.392	<0.398	<0.396	<0.396
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.425	<0.392	<0.398	<0.396	<0.396
2-Chloronaphthalene	mg/kg	5000	330	<0.0425	<0.0392	<0.0398	<0.0396	<0.0396
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.425	<0.392	<0.398	<0.396	<0.396
Chrysene	mg/kg	4100	5600	<0.0425	<0.0392	<0.0398	0.0739	<0.0396
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0425	<0.0392	<0.0398	<0.0396	<0.0396
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	NT
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.425	<0.392	<0.398	<0.396	<0.396
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.425	<0.392	<0.398	<0.396	<0.396
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.425	<0.392	<0.398	<0.396	<0.396
Fluoranthene	mg/kg	2300	960	<0.0425	<0.0392	<0.0398	0.185	<0.0396
Fluorene	mg/kg	2300	150	<0.0425	<0.0392	<0.0398	<0.0396	<0.0396
Hexachlorobenzene	mg/kg	1	0.56	<0.425	<0.392	<0.398	<0.396	<0.396
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.425	<0.392	<0.398	<0.396	<0.396
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.425	<0.392	<0.398	<0.396	<0.396
Hexachloroethane	mg/kg	46	0.64	<0.425	<0.392	<0.398	<0.396	<0.396
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0425	<0.0392	<0.0398	0.0398	<0.0396
Isophorone	mg/kg	4900	1.5	<0.425	<0.392	<0.398	<0.396	<0.396
Naphthalene	mg/kg	120	16	<0.0425	<0.0392	<0.0398	<0.0396	<0.0396
Nitrobenzene	mg/kg	34	0.18	<0.425	<0.392	<0.398	<0.396	<0.396
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.425	<0.392	<0.398	<0.396	<0.396
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.425	<0.392	<0.398	<0.396	<0.396
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.425	<0.392	<0.398	<0.396	<0.396
Phenanthrene	mg/kg	1700	210	<0.0425	<0.0392	<0.0398	0.124	<0.0396
Benzylbutyl phthalate	mg/kg	1600	130	<0.425	<0.392	<0.398	<0.396	<0.396
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.425	<0.392	<0.398	<0.396	<0.396
Di-n-butyl phthalate	mg/kg	6200	1700	<0.425	<0.392	<0.398	<0.396	<0.396
Diethyl Phthalate	mg/kg	53000	78	<0.425	<0.392	<0.398	<0.396	<0.396
Dimethyl Phthalate	mg/kg	53000	31	<0.425	<0.392	<0.398	<0.396	<0.396
Di-n-octyl phthalate	mg/kg	640	410000	<0.425	<0.392	<0.398	<0.396	<0.396
Pyrene	mg/kg	1700	560	<0.0425	<0.0392	<0.0398	0.152	<0.0396
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.425	<0.392	<0.398	<0.396	<0.396
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.425	<0.392	<0.398	<0.396	<0.396
2-Chlorophenol	mg/kg	410	0.82	<0.425	<0.392	<0.398	<0.396	<0.396
2,4-Dichlorophenol	mg/kg	200	0.18	<0.425	<0.392	<0.398	<0.396	<0.396
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.425	<0.392	<0.398	<0.396	<0.396
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.425	<0.392	<0.398	<0.396	<0.396
2,4-Dinitrophenol	mg/kg	130	0.047	<0.425	<0.392	<0.398	<0.396	<0.396
2-Nitrophenol	mg/kg	130	0.067	<0.425	<0.392	<0.398	<0.396	<0.396
4-Nitrophenol	mg/kg	130	0.05	<0.425	<0.392	<0.398	<0.396	<0.396
Pentachlorophenol	mg/kg	0.73	0.0092	<0.425	<0.392	<0.398	<0.396	<0.396
Phenol	mg/kg	950	9.6	<0.425	<0.392	<0.398	<0.396	<0.396
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.425	<0.392	<0.398	<0.396	<0.396

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-11 2-4	SB-11 11-13	SS-2 (Stockpile)	SB-1 0-2	SB-1 2-4
DATE COLLECTED				6/12/2019	6/12/2019	1/3/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0389	<0.0385	<0.00271	0.0129 J	<0.0398
Acenaphthylene	mg/kg	3800	200	<0.0389	<0.0385	<0.00286	0.109	<0.0398
Anthracene	mg/kg	18000	3400	<0.0389	<0.0385	0.0402	0.258	<0.0398
Benzdine	mg/kg	0.013	0.000006	<0.389	<0.385	NS	<3.89	<2.00
Benzo(a)anthracene	mg/kg	41	65	<0.0389	<0.0385	0.291	1.09	<0.0398
Benzo(b)fluoranthene	mg/kg	41	220	<0.0389	<0.0385	0.368	1.37	<0.0398
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0389	<0.0385	0.128	0.477	<0.0398
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0389	<0.0385	0.211	0.632	<0.0398
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0389	<0.0385	0.3	1.21	<0.0398
Bis(2-chloroethoxy)methane	mg/kg	2.5	0.0059	<0.389	<0.385	NT	<0.775	<0.398
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.389	<0.385	NT	<0.775	<0.398
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.389	<0.385	NT	<0.775	<0.398
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.389	<0.385	NT	<0.775	<0.398
2-Chloronaphthalene	mg/kg	5000	330	<0.0389	<0.0385	NT	<0.0775	<0.0398
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.389	<0.385	NT	<0.775	<0.398
Chrysene	mg/kg	4100	5600	<0.0389	<0.0385	0.329	1.0	<0.0398
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0389	<0.0385	0.0519	0.135	<0.0398
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	NT
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.389	<0.385	NT	<0.775	<0.398
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.389	<0.385	NT	<0.775	<0.398
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.389	<0.385	NT	<0.775	<0.398
Fluoranthene	mg/kg	2300	960	<0.0389	0.0113 J	0.42	2.39	<0.0398
Fluorene	mg/kg	2300	150	<0.0389	<0.0385	0.00916	0.0419 J	<0.0398
Hexachlorobenzene	mg/kg	1	0.56	<0.389	<0.385	NT	<0.775	<0.398
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.389	<0.385	NT	<0.775	<0.398
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.389	<0.385	NT	<0.775	<0.398
Hexachloroethane	mg/kg	46	0.64	<0.389	<0.385	NT	<0.775	<0.398
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0389	<0.0385	0.146	0.753	<0.0398
Isophorone	mg/kg	4900	1.5	<0.389	<0.385	NT	<0.775	<0.398
Naphthalene	mg/kg	120	16	<0.0389	<0.0385	0.00675	0.0782	<0.0398
Nitrobenzene	mg/kg	34	0.18	<0.389	<0.385	NT	<0.775	<0.398
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.389	<0.385	NT	<0.775	<0.398
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.389	<0.385	NT	<0.775	<0.398
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.389	<0.385	NT	<0.775	<0.398
Phenanthrene	mg/kg	1700	210	<0.0389	<0.0385	0.0793	0.89	<0.0398
Benzylbutyl phthalate	mg/kg	1600	130	<0.389	<0.385	NT	<0.775	<0.398
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.389	<0.385	NT	<0.775	<0.398
Di-n-butyl phthalate	mg/kg	6200	1700	<0.389	<0.385	NT	<0.775	<0.398
Diethyl Phthalate	mg/kg	53000	78	<0.389	<0.385	NT	<0.775	<0.398
Dimethyl Phthalate	mg/kg	53000	31	<0.389	<0.385	NT	<0.775	<0.398
Di-n-octyl phthalate	mg/kg	640	410000	<0.389	<0.385	NT	<0.775	<0.398
Pyrene	mg/kg	1700	560	<0.0389	0.0302 J	0.57	1.86	<0.0398
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.389	<0.385	NT	<0.775	<0.398
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.389	<0.385	NT	<0.775	<0.398
2-Chlorophenol	mg/kg	410	0.82	<0.389	<0.385	NT	<0.775	<0.398
2,4-Dichlorophenol	mg/kg	200	0.18	<0.389	<0.385	NT	<0.775	<0.398
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.389	<0.385	NT	<0.775	<0.398
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.389	<0.385	NT	<0.775	<0.398
2,4-Dinitrophenol	mg/kg	130	0.047	<0.389	<0.385	NT	<0.775	<0.398
2-Nitrophenol	mg/kg	130	0.067	<0.389	<0.385	NT	<0.775	<0.398
4-Nitrophenol	mg/kg	130	0.05	<0.389	<0.385	NT	<0.775	<0.398
Pentachlorophenol	mg/kg	0.73	0.0092	<0.389	<0.385	NT	<0.775	<0.398
Phenol	mg/kg	950	9.6	<0.389	<0.385	NT	<0.775	<0.398
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.389	<0.385	NT	<0.775	<0.398

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-1 4-6	SB-1 6-8	SB-1 8-10	SB-1 13-15	SB-1 18-20	SB-1 23-25
DATE COLLECTED				12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Acenaphthylene	mg/kg	3800	200	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Anthracene	mg/kg	18000	3400	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzdine	mg/kg	0.013	0.000006	<2.14	<1.99	<1.95	<1.92	<2.16	<1.90
Benzo(a)anthracene	mg/kg	41	65	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzo(b)fluoranthene	mg/kg	41	220	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Bis(2-chloroethoxy)methane	mg/kg	2.5	0.0059	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2-Chloronaphthalene	mg/kg	5000	330	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Chrysene	mg/kg	4100	5600	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	NT	NT
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Fluoranthene	mg/kg	2300	960	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Fluorene	mg/kg	2300	150	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Hexachlorobenzene	mg/kg	1	0.56	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Hexachloroethane	mg/kg	46	0.64	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Isophorone	mg/kg	4900	1.5	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Naphthalene	mg/kg	120	16	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Nitrobenzene	mg/kg	34	0.18	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Phenanthrene	mg/kg	1700	210	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
Benzylbutyl phthalate	mg/kg	1600	130	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Di-n-butyl phthalate	mg/kg	6200	1700	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Diethyl Phthalate	mg/kg	53000	78	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Dimethyl Phthalate	mg/kg	53000	31	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Di-n-octyl phthalate	mg/kg	640	410000	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Pyrene	mg/kg	1700	560	<0.0428	<0.0397	<0.0390	<0.0382	<0.0431	<0.0378
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2-Chlorophenol	mg/kg	410	0.82	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,4-Dichlorophenol	mg/kg	200	0.18	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,4-Dinitrophenol	mg/kg	130	0.047	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2-Nitrophenol	mg/kg	130	0.067	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
4-Nitrophenol	mg/kg	130	0.05	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Pentachlorophenol	mg/kg	0.73	0.0092	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
Phenol	mg/kg	950	9.6	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.428	<0.397	<0.390	<0.382	<0.431	<0.378

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-1 28-30	SB-2 0-2	SB-2 2-4	SB-2 4-6	SB-2 6-8	SB-2 8-10
DATE COLLECTED				12/7/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
Acenaphthylene	mg/kg	3800	200	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
Anthracene	mg/kg	18000	3400	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
Benzidine	mg/kg	0.013	0.000006	<1.93	<1.92	<1.86	<1.94	<2.17	<2.11
Benzo(a)anthracene	mg/kg	41	65	<0.0385	<0.0382	0.0317 J	<0.0387	<0.0432	<0.0421
Benzo(b)fluoranthene	mg/kg	41	220	<0.0385	<0.0382	0.0436	<0.0387	<0.0432	<0.0421
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0385	<0.0382	0.0141 J	<0.0387	<0.0432	<0.0421
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0385	<0.0382	0.0232 J	<0.0387	<0.0432	<0.0421
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0385	<0.0382	0.0428	<0.0387	<0.0432	<0.0421
Bis(2-chlorethoxy)methane	mg/kg	2.5	0.0059	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2-Chloronaphthalene	mg/kg	5000	330	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Chrysene	mg/kg	4100	5600	<0.0385	<0.0382	0.0319 J	<0.0387	<0.0432	<0.0421
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	NT	NT
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Fluoranthene	mg/kg	2300	960	<0.0385	0.00700 J	0.0503	<0.0387	<0.0432	<0.0421
Fluorene	mg/kg	2300	150	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
Hexachlorobenzene	mg/kg	1	0.56	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Hexachloroethane	mg/kg	46	0.64	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0385	<0.0382	0.0263 J	<0.0387	<0.0432	<0.0421
Isophorone	mg/kg	4900	1.5	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Naphthalene	mg/kg	120	16	<0.0385	<0.0382	<0.0372	<0.0387	<0.0432	<0.0421
Nitrobenzene	mg/kg	34	0.18	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Phenanthrene	mg/kg	1700	210	<0.0385	<0.0382	0.0128 J	<0.0387	<0.0432	<0.0421
Benzylbutyl phthalate	mg/kg	1600	130	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Di-n-butyl phthalate	mg/kg	6200	1700	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Diethyl Phthalate	mg/kg	53000	78	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Dimethyl Phthalate	mg/kg	53000	31	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Di-n-octyl phthalate	mg/kg	640	410000	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Pyrene	mg/kg	1700	560	<0.0385	<0.0382	0.0406	<0.0387	<0.0432	<0.0421
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2-Chlorophenol	mg/kg	410	0.82	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,4-Dichlorophenol	mg/kg	200	0.18	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,4-Dinitrophenol	mg/kg	130	0.047	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2-Nitrophenol	mg/kg	130	0.067	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
4-Nitrophenol	mg/kg	130	0.05	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Pentachlorophenol	mg/kg	0.73	0.0092	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
Phenol	mg/kg	950	9.6	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.385	<0.382	<0.372	<0.387	<0.432	<0.421

30 Acres PCL
Highlighted Values Exceed PCL Limit
NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.
Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - SVOCs

SAMPLE ID				SB-2 13-15	SB-2 18-20	SB-2 23-25	SB-2 28-30	EB-1 1-3	EB-1 6-8
DATE COLLECTED				12/8/2020	12/8/2020	12/8/2020	12/8/2020	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Acenaphthylene	mg/kg	3800	200	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Anthracene	mg/kg	18000	3400	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzdine	mg/kg	0.013	0.000006	<2.36	<2.14	<2.10	<2.10	<2.08	<1.97
Benzo(a)anthracene	mg/kg	41	65	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzo(b)fluoranthene	mg/kg	41	220	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Bis(2-chlorethoxy)methane	mg/kg	2.5	0.0059	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2-Chloronaphthalene	mg/kg	5000	330	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Chrysene	mg/kg	4100	5600	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
1,2-Dichlorobenzene	mg/kg	390	8.9	NT	NT	NT	NT	<0.415	<0.394
1,3-Dichlorobenzene	mg/kg	62	3.4	NT	NT	NT	NT	<0.415	<0.394
1,4-Dichlorobenzene	mg/kg	250	1.1	NT	NT	NT	NT	<0.415	<0.394
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Fluoranthene	mg/kg	2300	960	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Fluorene	mg/kg	2300	150	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Hexachlorobenzene	mg/kg	1	0.56	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Hexachloroethane	mg/kg	46	0.64	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Isophorone	mg/kg	4900	1.5	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Naphthalene	mg/kg	120	16	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Nitrobenzene	mg/kg	34	0.18	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Phenanthrene	mg/kg	1700	210	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
Benzylbutyl phthalate	mg/kg	1600	130	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Di-n-butyl phthalate	mg/kg	6200	1700	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Diethyl Phthalate	mg/kg	53000	78	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Dimethyl Phthalate	mg/kg	53000	31	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Di-n-octyl phthalate	mg/kg	640	410000	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Pyrene	mg/kg	1700	560	<0.0470	<0.0427	<0.0418	<0.0420	<0.0415	<0.0394
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2-Chlorophenol	mg/kg	410	0.82	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,4-Dichlorophenol	mg/kg	200	0.18	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,4-Dinitrophenol	mg/kg	130	0.047	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2-Nitrophenol	mg/kg	130	0.067	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
4-Nitrophenol	mg/kg	130	0.05	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
Pentachlorophenol	mg/kg	0.73	0.0092	<0.470	<0.427	<0.418	<0.418	<0.415	<0.394
Phenol	mg/kg	950	9.6	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.470	<0.427	<0.418	<0.420	<0.415	<0.394

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
SOIL DATA SUMMARY - SVOCs

SAMPLE ID		EB-1 26-28	EB-2 3-5		
DATE COLLECTED		2/22/2021	2/22/2021		
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result
Acenaphthene	mg/kg	3000	120	<0.0385	<0.0399
Acenaphthylene	mg/kg	3800	200	<0.0385	<0.0399
Anthracene	mg/kg	18000	3400	<0.0385	<0.0399
Benzdine	mg/kg	0.013	0.000006	<1.93	<2.00
Benzo(a)anthracene	mg/kg	41	65	<0.0385	<0.0399
Benzo(b)fluoranthene	mg/kg	41	220	<0.0385	<0.0399
Benzo(k)fluoranthene	mg/kg	420	2200	<0.0385	<0.0399
Benzo(g,h,i)perylene	mg/kg	1800	23000	<0.0385	<0.0399
Benzo(a)pyrene	mg/kg	4.1	3.8	<0.0385	<0.0399
Bis(2-chlorethoxy)methane	mg/kg	2.5	0.0059	<0.385	<0.399
Bis(2-chloroethyl)ether	mg/kg	1.4	0.0011	<0.385	<0.399
2,2-oxybis(1-chloropropane)	mg/kg	41	0.095	<0.385	<0.399
4-Bromophenyl-phenylether	mg/kg	0.27	0.18	<0.385	<0.399
2-Chloronaphthalene	mg/kg	5000	330	<0.0385	<0.0399
4-Chlorophenyl-phenylether	mg/kg	0.15	0.016	<0.385	<0.399
Chrysene	mg/kg	4100	5600	<0.0385	<0.0399
Dibenz(a,h)anthracene	mg/kg	4	7.6	<0.0385	<0.0399
1,2-Dichlorobenzene	mg/kg	390	8.9	<0.385	<0.399
1,3-Dichlorobenzene	mg/kg	62	3.4	<0.385	<0.399
1,4-Dichlorobenzene	mg/kg	250	1.1	<0.385	<0.399
3,3-Dichlorobenzidine	mg/kg	10	0.031	<0.385	<0.399
2,4-Dinitrotoluene	mg/kg	6.9	0.0027	<0.385	<0.399
2,6-Dinitrotoluene	mg/kg	6.9	0.0024	<0.385	<0.399
Fluoranthene	mg/kg	2300	960	<0.0385	<0.0399
Fluorene	mg/kg	2300	150	0.0141 J	<0.0399
Hexachlorobenzene	mg/kg	1	0.56	<0.385	<0.399
Hexachloro-1,3-Butadiene	mg/kg	12	1.6	<0.385	<0.399
Hexachlorocyclopentadiene	mg/kg	7.2	9.6	<0.385	<0.399
Hexachloroethane	mg/kg	46	0.64	<0.385	<0.399
Indeno(1,2,3-cd)pyrene	mg/kg	42	630	<0.0385	<0.0399
Isophorone	mg/kg	4900	1.5	<0.385	<0.399
Naphthalene	mg/kg	120	16	0.0196 J	<0.0399
Nitrobenzene	mg/kg	34	0.18	<0.385	<0.399
n-Nitrosodimethylamine	mg/kg	0.055	0.000018	<0.385	<0.399
n-Nitrosodiphenylamine	mg/kg	570	1.4	<0.385	<0.399
n-Nitrosodi-n-propylamine	mg/kg	0.4	0.00018	<0.385	<0.399
Phenanthrene	mg/kg	1700	210	0.0218 J	<0.0399
Benzylbutyl phthalate	mg/kg	1600	130	<0.385	<0.399
Bis(2-ethylhexyl)phthalate	mg/kg	43	82	<0.385	<0.399
Di-n-butyl phthalate	mg/kg	6200	1700	<0.385	<0.399
Diethyl Phthalate	mg/kg	53000	78	<0.385	<0.399
Dimethyl Phthalate	mg/kg	53000	31	<0.385	<0.399
Di-n-octyl phthalate	mg/kg	640	410000	<0.385	<0.399
Pyrene	mg/kg	1700	560	<0.0385	<0.0399
1,2,4-Trichlorobenzene	mg/kg	70	2.4	<0.385	<0.399
4-Chloro-3-methylphenol	mg/kg	330	2.3	<0.385	<0.399
2-Chlorophenol	mg/kg	410	0.82	<0.385	<0.399
2,4-Dichlorophenol	mg/kg	200	0.18	<0.385	<0.399
2,4-Dimethylphenol	mg/kg	1300	1.6	<0.385	<0.399
4,6-Dinitro-2-methylphenol	mg/kg	6.7	0.0023	<0.385	<0.399
2,4-Dinitrophenol	mg/kg	130	0.047	<0.385	<0.399
2-Nitrophenol	mg/kg	130	0.067	<0.385	<0.399
4-Nitrophenol	mg/kg	130	0.05	<0.385	<0.399
Pentachlorophenol	mg/kg	0.73	0.0092	<0.385	<0.399
Phenol	mg/kg	950	9.6	<0.385	<0.399
2,4,6-Trichlorophenol	mg/kg	67	0.087	<0.385	<0.399

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-1 13-15	SB-2 13-15	SB-3 15-17	SB-4 21-23	SB-5 15-17
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<57.2	<60.6	<55.6	<57.3	<59.0
TPH C12 - C28	mg/kg	2000	99	<57.2	<60.6	<55.6	<57.3	<59.0
TPH C28 - C35	mg/kg	2000	99	<57.2	<60.6	<55.6	<57.3	<59.0
TPH C6 - C35	mg/kg	2000	99	<57.2	<60.6	<55.6	<57.3	<59.0

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-6 28-30	SB-7 22-24	SB-8 24-26	SB-9 15-17	SB-10 28-30
DATE COLLECTED				6/12/2019	6/12/2019	6/12/2019	6/12/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<63.9	<58.9	<59.8	<59.4	<59.5
TPH C12 - C28	mg/kg	2000	99	<63.9	<58.9	<59.8	<59.4	<59.5
TPH C28 - C35	mg/kg	2000	99	39.7 J	<58.9	<59.8	<59.4	<59.5
TPH C6 - C35	mg/kg	2000	99	39.7 J	<58.9	<59.8	<59.4	<59.5

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-11 2-4	SB-11 11-13	SS-1 (Bottom) - 7'	SS-2 (Stockpile)	SS-3 (East Wall) - 6'
DATE COLLECTED				6/12/2019	6/12/2019	1/3/2020	1/3/2020	1/3/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<58.4	38.3 J	<19.4	62.6	<24.7
TPH C12 - C28	mg/kg	2000	99	<58.4	525	<19.4	1690	<24.7
TPH C28 - C35	mg/kg	2000	99	<58.4	94.6	<19.4	65.3	25.4
TPH C6 - C35	mg/kg	2000	99	<58.4	658	<19.4	1820	25.4

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID		SB-1 0-2	SB-1 2-4	SB-1 4-6	SB-1 6-8	SB-1 8-10		
DATE COLLECTED		12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/7/2020		
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<58.2	<59.8 J3	<64.2 J3	<59.6 J3	<58.5 J3
TPH C12 - C28	mg/kg	2000	99	87.5	<59.8 J3	<64.2 J3	<59.6 J3	<58.5 J3
TPH C28 - C35	mg/kg	2000	99	81.7	<59.8	<64.2	<59.6	<58.3
TPH C6 - C35	mg/kg	2000	99	169	<59.8 J3	<64.2 J3	<59.6 J3	<58.5 J3

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-1 13-15	SB-1 18-20	SB-1 23-25	SB-1 28-30	SB-2 0-2
DATE COLLECTED				12/7/2020	12/7/2020	12/7/2020	12/7/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<57.4 J3	<64.7 J3	<56.8 J3	<57.8 J3	<57.4
TPH C12 - C28	mg/kg	2000	99	<57.4 J3	<64.7 J3	<56.8 J3	<57.8 J3	<57.4
TPH C28 - C35	mg/kg	2000	99	<57.4	<64.7	<56.8	<57.8	<57.4
TPH C6 - C35	mg/kg	2000	99	<57.4 J3	<64.7 J3	<56.8 J3	<57.8 J3	<57.4

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-2 2-4	SB-2 4-6	SB-2 6-8	SB-2 8-10	SB-2 13-15
DATE COLLECTED				12/8/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<55.8	<58.1	<64.9	<63.2	<70.6
TPH C12 - C28	mg/kg	2000	99	<55.8	<58.1	<64.9	<63.2	<70.6
TPH C28 - C35	mg/kg	2000	99	<55.8	<58.1	<64.9	<63.2	<70.6
TPH C6 - C35	mg/kg	2000	99	<55.8	<58.1	<64.9	<63.2	<70.6

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				SB-2 18-20	SB-2 23-25	SB-2 28-30	EB-1 1-3	EB-1 6-8
DATE COLLECTED				12/8/2020	12/8/2020	12/8/2020	2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
TPH C6 - C12	mg/kg	1100	33	<64.2	<62.8	<63.0	<62.4	<59.1
TPH C12 - C28	mg/kg	2000	99	<64.2	<62.8	<63.0	<62.4	30 J
TPH C28 - C35	mg/kg	2000	99	<64.2	<62.8	<63.0	<62.4	<59.1
TPH C6 - C35	mg/kg	2000	99	<64.2	<62.8	<63.0	<62.4	30 J

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - TPH

SAMPLE ID				EB-1 26-28	EB-2 3-5
DATE COLLECTED				2/22/2021	2/22/2021
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result
TPH C6 - C12	mg/kg	1100	33	<57.8	<59.9
TPH C12 - C28	mg/kg	2000	99	18.4 J	<59.9
TPH C28 - C35	mg/kg	2000	99	<57.8	21.8 J
TPH C6 - C35	mg/kg	2000	99	18.4 J	21.8 J

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-1 0-5	SB-2 0-5	SB-3 0-5	SB-4 0-5	SB-5 0-5
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1221	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1232	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1242	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1248	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1254	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239
PCB 1260	mg/kg	1.1	5.3	<0.0236	<0.0219	<0.0170	<0.0170	<0.0239

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-6 0-5	SB-7 0-5	SB-8 0-5	SB-9 0-5	SB-10 0-5
DATE COLLECTED				6/12/2019	6/12/2019	6/12/2019	6/12/2019	6/12/2019
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1221	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1232	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1242	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1248	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1254	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170
PCB 1260	mg/kg	1.1	5.3	<0.0208	<0.0191	<0.0193	<0.0206	<0.0170

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-11 0-5	SB-1 0-2	SB-1 2-4	SB-1 4-6	SB-1 6-8
DATE COLLECTED				6/12/2019	12/7/2020	12/7/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0199	<0.0396	<0.0406	<0.0437	<0.0405
PCB 1221	mg/kg	1.1	5.3	<0.0199	<0.0396	<0.0406	<0.0437	<0.0405
PCB 1232	mg/kg	1.1	5.3	<0.0199	<0.0396	<0.0406	<0.0437	<0.0405
PCB 1242	mg/kg	1.1	5.3	<0.0199	<0.0396	<0.0406	<0.0437	<0.0405
PCB 1248	mg/kg	1.1	5.3	<0.0199	<0.0170	<0.0203	<0.0218	<0.0203
PCB 1254	mg/kg	1.1	5.3	<0.0199	<0.0170	<0.0203	<0.0218	<0.0203
PCB 1260	mg/kg	1.1	5.3	<0.0199	<0.0170	<0.0203	<0.0218	<0.0203

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-1 8-10	SB-1 13-15	SB-1 18-20	SB-1 23-25
DATE COLLECTED				12/7/2020	12/7/2020	12/7/2020	12/7/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0398	<0.0390	<0.0440	<0.0386
PCB 1221	mg/kg	1.1	5.3	<0.0398	<0.0390	<0.0440	<0.0386
PCB 1232	mg/kg	1.1	5.3	<0.0398	<0.0390	<0.0440	<0.0386
PCB 1242	mg/kg	1.1	5.3	<0.0398	<0.0390	<0.0440	<0.0386
PCB 1248	mg/kg	1.1	5.3	<0.0199	<0.0195	<0.0220	<0.0193
PCB 1254	mg/kg	1.1	5.3	<0.0199	<0.0195	<0.0220	<0.0193
PCB 1260	mg/kg	1.1	5.3	<0.0199	<0.0195	<0.0220	<0.0193

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-1 28-30	SB-2 0-2	SB-2 2-4	SB-2 4-6	SB-2 6-8
DATE COLLECTED				12/7/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0393	<0.0390	<0.0340	<0.0395	<0.0340
PCB 1221	mg/kg	1.1	5.3	<0.0393	<0.0390	<0.0340	<0.0395	<0.0340
PCB 1232	mg/kg	1.1	5.3	<0.0393	<0.0390	<0.0340	<0.0395	<0.0340
PCB 1242	mg/kg	1.1	5.3	<0.0393	<0.0390	<0.0340	<0.0395	<0.0340
PCB 1248	mg/kg	1.1	5.3	<0.0197	<0.0195	<0.0170	<0.0198	<0.00958
PCB 1254	mg/kg	1.1	5.3	<0.0197	<0.0195	<0.0170	<0.0198	<0.00958
PCB 1260	mg/kg	1.1	5.3	<0.0197	<0.0195	<0.0170	<0.0198	<0.00958

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-2 8-10	SB-2 13-15	SB-2 18-20	SB-2 23-25
DATE COLLECTED				12/8/2020	12/8/2020	12/8/2020	12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result	Result	Result	Result
PCB 1016	mg/kg	1.1	5.3	<0.0430	<0.0480	<0.0340	<0.0427
PCB 1221	mg/kg	1.1	5.3	<0.0430	<0.0480	<0.0340	<0.0427
PCB 1232	mg/kg	1.1	5.3	<0.0430	<0.0480	<0.0340	<0.0427
PCB 1242	mg/kg	1.1	5.3	<0.0430	<0.0480	<0.0340	<0.0427
PCB 1248	mg/kg	1.1	5.3	<0.0170	<0.0240	<0.0218	<0.0213
PCB 1254	mg/kg	1.1	5.3	<0.0170	<0.0240	<0.0218	<0.0213
PCB 1260	mg/kg	1.1	5.3	<0.0170	<0.0240	<0.0218	<0.0213

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 4D-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 SOIL DATA SUMMARY - PCB

SAMPLE ID				SB-2 28-30
DATE COLLECTED				12/8/2020
Analyte	Units	Tier 1 Residential TotSoil (Critical PCL With MSD)	Tier 1 Residential GWSoil (Critical PCL Without MSD)	Result
PCB 1016	mg/kg	1.1	5.3	<0.0428
PCB 1221	mg/kg	1.1	5.3	<0.0428
PCB 1232	mg/kg	1.1	5.3	<0.0428
PCB 1242	mg/kg	1.1	5.3	<0.0428
PCB 1248	mg/kg	1.1	5.3	<0.0214
PCB 1254	mg/kg	1.1	5.3	<0.0214
PCB 1260	mg/kg	1.1	5.3	<0.0214

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-1
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - METALS

SAMPLE ID				MW-1	MW-2	MW-3	MW-4	GW-2 (MW-5)	GW-1 (MW-6)	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9
DATE COLLECTED				12/18/2019	12/18/2019	12/18/2019	1/6/2020	12/9/2020	12/9/2020	3/8/2021	04/22/2021	3/8/2021	04/21/2021	3/8/2021	04/22/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Antimony	mg/L	NA	0.006	<0.0100	<0.0100	<0.0100	<0.0100	NT	NT	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Arsenic	mg/L	NA	0.01	0.00872 J	<0.0100	0.0261	<0.0100	0.00546 J	0.0103	<0.0100	<0.0100	<0.0100	<0.0100	0.0249	0.0193
Barium	mg/L	NA	2	0.252	0.318	0.158	0.270	0.111	0.206	NT	NT	NT	NT	NT	NT
Beryllium	mg/L	NA	0.004	<0.00200	<0.00200	<0.00200	<0.00200	NT	NT	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.000419 J
Cadmium	mg/L	NA	0.005	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Chromium	mg/L	NA	0.1	<0.0100	<0.0100	<0.0100	0.00581 J	0.0455	0.00543 J	<0.0100	<0.0100	0.0018 J	<0.0100	<0.0100	0.00432 J
Copper	mg/L	NA	1.3	NT	NT	NT	NT	NT	NT	0.0166	<0.0100	0.00384 J	0.00387 B J	<0.0100	0.0221 B
Lead	mg/L	NA	0.015	<0.00500	<0.00500	<0.00500	<0.00500	0.00570 J	0.00830	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Nickel	mg/L	NA	0.49	<0.0100	<0.0100	<0.0100	<0.0100	NS	NS	0.00368 J	0.00284 J	0.00288 J	0.00297 J	0.00188 J	0.00793 J
Selenium	mg/L	NA	0.05	<0.0100	<0.0100	<0.0100	<0.0100	0.0132	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	mg/L	NA	0.12	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Thallium	mg/L	NA	0.002	NT	NT	NT	NT	NT	NT	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Zinc	mg/L	NA	7.3	NT	NT	NT	NT	NT	NT	<0.0500	<0.0500	<0.0500	<0.0500	0.008 J	0.00824 J
Mercury	mg/L	0.94	0.002	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200

30 Acres PCL
 Highlighted Values Exceed PCL Limit
 NT - Not Tested
 J - The identification of the analyte is acceptable; the reported value is an estimate.
 B - The same analyte is found in the associated blank.
 Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	MW-1
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	3/8/2021
Analyte	Units	Tier 1 Residential	Tier 1 Residential GWIng	Result	Result	Result	Result	Result	Result	Result
		GWInh-V (Critical PCL With MSD)	(Critical PCL Without MSD)							
Acetone	mg/L	1000000	22	<1.0 J4	<1.0 J4	<1.0 J4	<1.0 J4	<1.0 J4	<1.0 J4	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00125	<0.00125	<0.00125	<0.00125	<0.00125	<0.00125	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	0.00232	<0.00100	0.00584 J	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	0.00041 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	<0.00100	0.00068 J	0.00563	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100 J4	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	0.00031 J	0.00057 J	<0.00100	<0.00100	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per

TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-1	MW-1	MW-1	MW-2	MW-2	MW-2
DATE COLLECTED				04/21/2021	8/26/2021	10/12/2021	3/8/2021	04/21/2021	8/26/2021
Analyte	Units	Tier 1 Residential GWI _{inh} -V (Critical PCL With MSD)	Tier 1 Residential GW _{ing} (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500 J3,J4	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500 J3	<0.0500	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100 J3,J4	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250 J4	<0.00250	<0.00250	<0.00250	<0.00250 J4
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100 J4	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100 J3,J4	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100 J3	<0.0100	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500 J4	<0.00500	<0.00500	<0.00500	<0.00500 J4
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100	<0.00100	<0.00100	0.000134 J	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500 J3	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	0.000381 BJ	<0.00300	<0.00300	<0.00300	0.000337 BJ	<0.00300

30 Acres PCL
Highlighted Values Exceed PCL Limit
NT - Not Tested
Non-detected result that exceeds PCL. Treated as residential assessment level per
TRRP-14 Note 4, pg. 9 (Jan. 2019).
J - The identification of the analyte is acceptable; the reported value is an estimate.
J3 - The associated batch QC was outside the established quality control range for precision.
J4 - The associated batch QC was outside the established quality control range for accuracy.
B - The same analyte is found in the associated blank.
Maximum Concentration Level of Chemical of Concern Exceeding PCL.

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-2	MW-3	MW-3	MW-3	MW-3	MW-4
DATE COLLECTED				10/11/2021	3/8/2021	04/22/2021	8/28/2021	10/11/2021	3/8/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWInh-V (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500	<0.0500 J4	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	0.000236	0.000244 J	0.000189 J	0.000174 J	0.000493
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00011 J
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	0.00051 J	<0.00500	0.000427 J	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	0.00144	0.00144	0.000928 J	0.000773 J	0.0147
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	0.000137 J	<0.00100	0.000922 J	<0.00100	0.000197 J
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.0206
cis-1,2-Dichloroethene	mg/L	160	0.07	0.000181 J	0.102	0.133	0.0728	0.0696	0.0336
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	0.0019	0.0018	0.00136	0.00106	0.00058 J
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropene	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.000126 J
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	0.00105	0.00101	0.000161 J	0.000208 J	0.000115 J
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00049 J
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	0.00785	0.00879	0.00402	0.00373	0.00847
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	0.0025	0.00258	0.00186	0.00181	0.00498
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID		MW-4	MW-4	MW-4	GW-2 (MW-5)	GW-2 (MW-5)		
DATE COLLECTED		04/22/2021	8/26/2021	10/12/2021	12/9/2020	3/8/2021		
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500 J3,J4	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500 J3	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100 J3,J4	<0.0100	<0.0100
Benzene	mg/L	23	0.005	0.000305 J	0.000332 J	0.000351 J	<0.00100	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	0.00045 J	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	0.000753 J	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250 J4	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100 J4	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	0.000108 J	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	0.0115	0.0147	0.0069	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	0.000227 J	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	0.0144	0.016	0.00918	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	0.0309	0.0354	0.0212	<0.00100	<0.00100
trans-1,2-Dichloroethene	mg/L	99	0.1	0.000244 J	0.0005 J	0.000293 J	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100 J3,J4	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	0.000139 J	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100 J3	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500 J4	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	0.000109	0.000149 J	<0.00100	0.000199 J	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500 J3	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	0.00536	0.00319	0.000874 J	<0.00100	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100 J3	<0.00100 J4	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	0.0103	0.00716	0.00227	<0.00100	<0.00100
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	0.00273	0.00371	<0.00100	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				GW-2 (MW-5)	GW-2 (MW-5)	GW-2 (MW-5)	GW-2 (MW-5)	GW-1 (MW-6)
DATE COLLECTED				04/21/2021	8/26/2021	10/12/2021	5/6/2022	12/9/2020
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500 J3,J4	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500 J3	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100 J3,J4	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	0.00111
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	0.00217 J
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250 J4	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100 J4	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	<0.00100	<0.00100	<0.00100	<0.00100	0.00198
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100 J3,J4	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100 J3	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500 J4	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100	<0.00100	<0.00100	0.00022 J
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500 J3	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100	<0.00100	<0.00100	0.00037 J
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100 J4
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100 J3	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	<0.00100	<0.00100	<0.00100	0.000502 J
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	0.000352 BJ	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL
 Highlighted Values Exceed PCL Limit
 NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per
 TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.
 J3 - The associated batch QC was outside the established quality control range for precision.
 J4 - The associated batch QC was outside the established quality control range for accuracy.
 B - The same analyte is found in the associated blank.
 Maximum Concentration Level of Chemical of Concern Exceeding PCL.

TABLE 5B-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				GW-1 (MW-6)	GW-1 (MW-6)	GW-1 (MW-6)	GW-1 (MW-6)	MW-7
DATE COLLECTED				3/8/2021	04/22/2021	8/26/2021	10/12/2021	3/8/2021
Analyte	Units	Tier 1 Residential GWI _{inh-V} (Critical PCL With MSD)	Tier 1 Residential GWI _{ng} (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500	<0.0500 J3,J4	0.0136 J
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500	<0.0500 J3	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100	<0.0100 J3,J4	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	<0.00100	<0.00100	0.000842 J
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	0.00166	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100	<0.00100 J3	0.000333 J
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	0.000782 J
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	0.000176 J
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	0.000441	0.000192 J	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250 J4	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100 J4	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100	<0.00100	<0.00100	0.000491 J
cis-1,2-Dichloroethene	mg/L	160	0.07	0.00147	0.00133	0.00123	0.000897 J	0.0066
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100 J3	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100 J3,J4	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	0.000816 J
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100	<0.00100 J3	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100	<0.0100 J3	0.00273 J
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500 J4	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	0.000444 J	0.000531 J	0.000125 J	<0.00100	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500	<0.00500 J3	0.00268 J
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	0.001 J
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	0.000476 J	0.000587 J	<0.00100	<0.00100	0.000361 J
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100	<0.00100 J3	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100 J3	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	0.00113	0.000903 J	0.000781 J	0.000659 J	0.00578
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	<0.00100	<0.00100	<0.00100	0.000359 J
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per
 TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL.

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-7	MW-7	MW-7	MW-8	MW-8	MW-8
DATE COLLECTED				04/22/2021	8/27/2021	10/11/2021	3/8/2021	04/21/2021	8/27/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500 J4	<0.0500	<0.0500	<0.0500	<0.0500 J4
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	0.00155	0.00433	0.00466	0.000102 J	0.000113 J	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	0.000456 J	0.000612 J	0.000726 J	<0.00100	0.000347 J	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	0.000984 J	0.00161	0.00239	0.00014 J	0.000749 J	0.000363 J
tert-Butylbenzene	mg/L	NA	0.98	0.000255 J	0.000368 J	0.000487 J	<0.00100	0.000176 J	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00012 J
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	0.00126	0.000717 J
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	0.00119	0.00109
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	<0.00100	0.00103	0.00136	0.00114
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	0.000304 J	<0.00100	<0.00100	0.00029 J	0.00518	0.00793
cis-1,2-Dichloroethene	mg/L	160	0.07	0.00667	0.00471	0.00351	0.000315 J	0.0015	0.00101
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropene	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	0.000298 J	<0.00100	0.000501 J	0.00117	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	0.0011	0.00216	0.00199	0.000217 J	0.000825 J	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	0.000291 J	0.00038 J	0.000356 J	0.000356 J	<0.00100
2-Butanone (MEK)	mg/L	620000	15	0.0031 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	0.000133 J	0.000142 J	0.000333 J	0.00089 J	0.000695 J
Naphthalene	mg/L	41	0.49	0.00352 J	0.00655	0.00113 J	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	0.0016	0.00285	0.00236 J	0.000267 J	0.00101	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	0.000683 J	0.000497 J	0.000386 J	<0.00100	<0.00100	0.000354 J
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100	<0.00100 J3
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	0.00549	0.0037	0.00287	<0.00100	<0.00100	0.000279 J
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	0.000896 J	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	0.000435 J	0.000664 J	0.00047 J	0.0029	0.000213 J
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	0.000338 J	0.000368 J	0.000293 J	<0.00100	<0.00100	0.000328 J
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-8	MW-9	MW-9	MW-9	MW-9	MW-10
DATE COLLECTED				10/11/2021	3/8/2021	04/22/2021	8/27/2021	10/11/2021	8/27/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	0.0378 J	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500	<0.0500	<0.0500 J4	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.000711
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	0.000244 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000683 J
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 J4
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	0.000715 J	<0.00100	<0.00100	<0.00100	<0.00100	0.000189 J
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	0.00107	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	0.00097 J	0.00182	0.00308	0.00144	0.00321	0.149
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00187
1,1-Dichloroethene	mg/L	220	0.007	0.00965	0.000766 J	0.00144	0.00049	0.00139	0.222
cis-1,2-Dichloroethene	mg/L	160	0.07	0.00252	0.00347	0.00582	0.00237	0.00578	0.28
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00275
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00022 J
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	0.000148 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	0.00153 J	0.00306 J	<0.0100	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500 J4
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	0.000457 J	0.00227	0.00345	0.00282	0.00485	0.00206
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	0.000191 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	0.00214	<0.00100	0.000476 J	<0.00100	0.000601 J	0.177
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.000473 J
Trichloroethene	mg/L	3.1	0.005	0.00115	0.000431 J	0.000647 J	0.000227	0.000723 J	0.122
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	0.000282 J	0.000575 J	<0.00500	0.000856 J	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	0.000499 J	0.000263 J	0.000382 J	<0.00100	0.000313 J	0.0256
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-10	MW-11	MW-11	MW-11	MW-12	MW-12
DATE COLLECTED				10/12/2021	8/27/2021	10/12/2021	5/6/2022	8/28/2021	10/11/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWInh (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500 J3,J4	<0.0500	<0.0500 J3,J4	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500 J3	<0.0500	<0.0500 J3	<0.0500	<0.0500 J4	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100 J3,J4	<0.0100	<0.0100 J3,J4	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	0.000521 J	<0.00100	<0.00100	<0.00100	0.00109 J	0.0000972 J
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500 J3	<0.00500	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100 J3	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	0.000448 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250 J4	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100 J4	<0.00100	<0.00100 J4	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	0.000196 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	0.129	0.00109	0.000629 J	0.000726 J	0.00272	0.00218
1,2-Dichloroethane	mg/L	33	0.005	0.00141	<0.00100	<0.00100	<0.00100	0.000174 J	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	0.178	0.00157	0.00052 J	0.000569 J	0.00602	0.00489
cis-1,2-Dichloroethene	mg/L	160	0.07	0.217	0.00185	0.000921 J	0.000948 J	0.233	0.217
trans-1,2-Dichloroethene	mg/L	99	0.1	0.00151	<0.00100	<0.00100	<0.00100	0.00581	0.00523
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropene	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100 J3	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	0.000188 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100 J3,J4	<0.00100	<0.00100 J3,J4	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	0.000162 J	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100 J3	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100 J3	<0.0100	<0.0100 J3	<0.0100	<0.0100	0.00581 J
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500 J4	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100	<0.00100	<0.00100	0.00484	0.00412
Naphthalene	mg/L	41	0.49	<0.00500 J3	<0.00500	<0.00500 J3	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	0.104	0.000613 J	<0.00100	<0.00100	<0.00100	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100 J3	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100 J3	<0.00100	<0.00100 J3	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	0.0002 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	0.0956	0.000408 J	<0.00100	<0.00100	0.145	0.104
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	0.0016 J	0.00264 J
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	0.0176	<0.00100	<0.00100	<0.00100	0.0389	<0.00100
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL
Highlighted Values Exceed PCL Limit
NT - Not Tested
Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).
J - The identification of the analyte is acceptable; the reported value is an estimate.
J3 - The associated batch QC was outside the established quality control range for precision.
J4 - The associated batch QC was outside the established quality control range for accuracy.
B - The same analyte is found in the associated blank.
Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-13	MW-13	MW-14	MW-14	MW-15	MW-15
DATE COLLECTED				8/28/2021	10/11/2021	8/28/2021	10/11/2021	5/6/2022	8/4/2022
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500 J4	<0.0500	<0.0500 J4	<0.0500	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100	0.000239 J	<0.00100	0.00011 J	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500 J3	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	0.000206 J	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT	NT	NT	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500	0.000548 J	0.000602 J	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500	<0.00500	0.00129 J	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100	0.00103	0.00126	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	0.00195
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	<0.00100	0.000338 J	0.0789	0.111	0.00782	<0.00100
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100	0.000477 J	0.000655 J	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3-Dichloropropene	mg/L	33	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100	<0.00100	<0.00100	0.0034	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	<0.00100	0.0269	0.0318	0.00342	<0.00100
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	0.000263 J	0.000402 J	<0.00100	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-2
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - VOCs

SAMPLE ID				MW-16	MW-16
DATE COLLECTED				5/6/2022	8/4/2022
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result
Acetone	mg/L	1000000	22	<0.0500	<0.0500
Acrolein	mg/L	1200	0.012	<0.0500	<0.0500
Acrylonitrile	mg/L	7.5	0.0017	<0.0100	<0.0100
Benzene	mg/L	23	0.005	<0.00100	<0.00100
Bromobenzene	mg/L	290	0.2	<0.00100	<0.00100
Bromodichloromethane	mg/L	NA	0.08	<0.00100	<0.00100
Bromoform	mg/L	670	0.08	<0.00100	<0.00100
Bromomethane	mg/L	4.6	0.034	<0.00500 J3	<0.00500
n-Butylbenzene	mg/L	NA	1.2	<0.00100	<0.00100
sec-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100
tert-Butylbenzene	mg/L	NA	0.98	<0.00100	<0.00100
Carbon Tetrachloride	mg/L	2.5	0.005	<0.00100	<0.00100
Chlorobenzene	mg/L	150	0.1	<0.00100	<0.00100
Chlorodibromomethane	mg/L	NA	0.08	<0.00100	<0.00100
Chloroethane	mg/L	15000	9.8	<0.00500	<0.00500
2-Chloroethyl vinyl ether	mg/L	NA	0.0008	NT	NT
Chloroform	mg/L	2.6	0.08	<0.00500	<0.00500
Chloromethane	mg/L	4.7	0.07	<0.00250	<0.00250
2-Chlorotoluene	mg/L	3100	0.49	<0.00100	<0.00100
4-Chlorotoluene	mg/L	NA	0.49	<0.00100	<0.00100
1,2-Dibromo-3-Chloropropane	mg/L	0.08	0.0002	<0.00500	<0.00500
1,2-Dibromoethane	mg/L	9.8	0.00005	<0.00100	<0.00100
Dibromomethane	mg/L	31	0.12	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	150	0.6	<0.00100	<0.00100
1,3-Dichlorobenzene	mg/L	25	0.73	<0.00100	<0.00100
1,4-Dichlorobenzene	mg/L	2200	0.075	<0.00100	<0.00100
Dichlorodifluoromethane	mg/L	7.8	4.9	<0.00500	<0.00500
1,1-Dichloroethane	mg/L	5600	4.9	<0.00100	<0.00100
1,2-Dichloroethane	mg/L	33	0.005	<0.00100	<0.00100
1,1-Dichloroethene	mg/L	220	0.007	<0.00100	<0.00100
cis-1,2-Dichloroethene	mg/L	160	0.07	<0.00100	0.000779 J
trans-1,2-Dichloroethene	mg/L	99	0.1	<0.00100	<0.00100
1,2-Dichloropropane	mg/L	15	0.005	<0.00100	<0.00100
1,1-Dichloropropene	mg/L	2.5	0.0091	<0.00100	<0.00100
1,3-Dichloropropane	mg/L	33	0.0091	<0.00100	<0.00100
cis-1,3-Dichloropropene	mg/L	89	0.0017	<0.00100	<0.00100
trans-1,3-Dichloropropene	mg/L	25	0.0091	<0.00100	<0.00100
2,2-Dichloropropane	mg/L	7.3	0.013	<0.00100	<0.00100
Di-Isopropyl Ether	mg/L	2500	2.4	<0.00100	<0.00100
Ethylbenzene	mg/L	3800	0.7	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.00100	<0.00100
Isopropylbenzene	mg/L	570	2.4	<0.00100	<0.00100
p-Isopropyltoluene	mg/L	NA	2.4	0.000148 J	0.000154 B J
2-Butanone (MEK)	mg/L	620000	15	<0.0100	<0.0100
Methylene Chloride	mg/L	2800	0.005	<0.00500	<0.00500
4-Methyl-2-Pentanone (MIBK)	mg/L	87000	2	<0.0100	<0.0100
Methyl Tert-Butyl Ether	mg/L	520	0.24	<0.00100	<0.00100
Naphthalene	mg/L	41	0.49	<0.00500	<0.00500
n-Propylbenzene	mg/L	780	0.98	<0.00100	<0.00100
Styrene	mg/L	2000	0.1	<0.00100	<0.00100
1,1,1,2-Tetrachloroethane	mg/L	14	0.035	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	NA	0.0046	<0.00100	<0.00100
1,1,2-Trichlorotrifluoroethane	mg/L	200	730	<0.00100	<0.00100
Tetrachloroethene	mg/L	64	0.005	<0.00100	<0.00100
Toluene	mg/L	8200	1	<0.00100	<0.00100
1,2,3-Trichlorobenzene	mg/L	17	0.073	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.00100	<0.00100
1,1,1-Trichloroethane	mg/L	5200	0.2	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	10	0.005	<0.00100	<0.00100
Trichloroethene	mg/L	3.1	0.005	<0.00100	<0.00100
Trichlorofluoromethane	mg/L	NA	7.3	<0.00500	<0.00500
1,2,3-Trichloropropane	mg/L	4.2	0.00003	<0.00250	<0.00250
1,2,4-Trimethylbenzene	mg/L	630	0.83	<0.00100	<0.00100
1,2,3-Trimethylbenzene	mg/L	730	0.83	<0.00100	<0.00100
1,3,5-Trimethylbenzene	mg/L	490	0.83	<0.00100	<0.00100
Vinyl Chloride	mg/L	0.49	0.002	<0.00100	<0.00100
Xylenes, Total	mg/L	1300	10	<0.00300	<0.00300

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per

TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

J3 - The associated batch QC was outside the established quality control range for precision.

J4 - The associated batch QC was outside the established quality control range for accuracy.

B - The same analyte is found in the associated blank.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - SVOCs

SAMPLE ID				TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6
DATE COLLECTED				6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019
Analyte	Units	Tier 1 Residential	Tier 1 Residential	Result	Result	Result	Result	Result	Result
		GWinh-V (Critical PCL With MSD)	GWing (Critical PCL Without MSD)						
Acenaphthene	mg/L	NA	1.5	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Acenaphthylene	mg/L	NA	1.5	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Anthracene	mg/L	NA	7.3	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzidine	mg/L	0.84	0.000004	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzo(a)anthracene	mg/L	390	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(b)fluoranthene	mg/L	310	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(k)fluoranthene	mg/L	18000	0.091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(g,h,i)perylene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(a)pyrene	mg/L	3.8	0.0002	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Bis(2-chlorethoxy)methane	mg/L	10	0.00083	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Bis(2-chloroethyl)ether	mg/L	12	0.00083	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,2-oxybis(1-chloropropane)	mg/L	110	0.013	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Bromophenyl-phenylether	mg/L	0.2	0.000061	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chloronaphthalene	mg/L	NA	2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorophenyl-phenylether	mg/L	0.16	0.000061	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Chrysene	mg/L	110000	0.91	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibenz(a,h)anthracene	mg/L	200	0.0002	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2-Dichlorobenzene	mg/L	NA	0.6	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	mg/L	NA	0.73	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	mg/L	NA	0.075	NT	NT	NT	NT	NT	NT
1,2-Diphenylhydrazine	mg/L	NA	N/A	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
3,3-Dichlorobenzidine	mg/L	NA	0.002	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dinitrotoluene	mg/L	NA	0.0013	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,6-Dinitrotoluene	mg/L	NA	0.0013	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Fluoranthene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Fluorene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachlorobenzene	mg/L	0.74	0.001	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Hexachlorocyclopentadiene	mg/L	0.7	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Hexachloroethane	mg/L	950	0.017	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Indeno(1,2,3-cd)pyrene	mg/L	1800	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Isophorone	mg/L	NA	0.96	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Naphthalene	mg/L	41	0.49	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Nitrobenzene	mg/L	93	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodimethylamine	mg/L	2.6	0.000018	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodiphenylamine	mg/L	NA	0.19	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodi-n-propylamine	mg/L	NA	0.00013	<0.01000	<0.01000	<0.01000	<0.01000	<0.01000	<0.01000
Phenanthrene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzylbutyl phthalate	mg/L	NA	0.48	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Bis(2-ethylhexyl)phthalate	mg/L	NA	0.006	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Di-n-butyl phthalate	mg/L	NA	2.4	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Diethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Dimethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Di-n-octyl phthalate	mg/L	NA	0.24	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Pyrene	mg/L	NA	0.73	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chloro-3-methylphenol	mg/L	NA	0.12	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorophenol	mg/L	NA	0.12	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dichlorophenol	mg/L	NA	0.073	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dimethylphenol	mg/L	NA	0.49	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4,6-Dintro-2-methylphenol	mg/L	NA	0.0024	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dinitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Pentachlorophenol	mg/L	NA	0.001	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Phenol	mg/L	21000	7.3	0.00117 J	0.00541 J	0.00541 J	0.00561 J4	0.00254 J	0.00963 J
2,4,6-Trichlorophenol	mg/L	6400	0.024	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.

Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-3
IMARA HOUSTON, INC. - ISMAILI CENTER APAR
GROUNDWATER DATA SUMMARY - SVOCs

SAMPLE ID				GW-2 (MW-5)	GW-1 (MW-6)	MW-7	MW-7	MW-8
DATE COLLECTED				12/9/2020	12/9/2020	3/8/2021	04/22/2021	3/8/2021
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result
Acenaphthene	mg/L	NA	1.5	<0.00100	<0.00100	0.000162 J	0.000152 J	<0.00100
Acenaphthylene	mg/L	NA	1.5	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Anthracene	mg/L	NA	7.3	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzidine	mg/L	0.84	0.000004	<0.0100	<0.0100	<0.0100 J4	<0.0100	<0.0100 J4
Benzo(a)anthracene	mg/L	390	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(b)fluoranthene	mg/L	310	0.0091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(k)fluoranthene	mg/L	18000	0.091	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(g,h,i)perylene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Benzo(a)pyrene	mg/L	3.8	0.0002	<0.00100	<0.00100	<0.000200	<0.000200	<0.000200
Bis(2-chloroethoxy)methane	mg/L	10	0.00083	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Bis(2-chloroethyl)ether	mg/L	12	0.00083	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,2-oxybis(1-chloropropane)	mg/L	110	0.013	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Bromophenyl-phenylether	mg/L	0.2	0.000061	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chloronaphthalene	mg/L	NA	2	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-Chlorophenyl-phenylether	mg/L	0.16	0.000061	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Chrysene	mg/L	110000	0.91	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Dibenz(a,h)anthracene	mg/L	200	0.0002	<0.00100	<0.00100	<0.000200	<0.000200	<0.000200
1,2-Dichlorobenzene	mg/L	NA	0.6	<0.0100	<0.0100	NT	NT	NT
1,3-Dichlorobenzene	mg/L	NA	0.73	<0.0100	<0.0100	NT	NT	NT
1,4-Dichlorobenzene	mg/L	NA	0.075	<0.0100	<0.0100	NT	NT	NT
1,2-Diphenylhydrazine	mg/L	NA	N/A	<0.0100	<0.0100	NT	NT	NT
3,3-Dichlorobenzidine	mg/L	NA	0.002	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dinitrotoluene	mg/L	NA	0.0013	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,6-Dinitrotoluene	mg/L	NA	0.0013	<0.00100	<0.00100	<0.0100	<0.0100	<0.0100
Fluoranthene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Fluorene	mg/L	NA	0.98	<0.00100	<0.00100	0.00027 J	0.000166 J	<0.00100
Hexachlorobenzene	mg/L	0.74	0.001	<0.0100	<0.0100	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Hexachlorocyclopentadiene	mg/L	0.7	0.05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Hexachloroethane	mg/L	950	0.017	<0.00100	<0.00100	<0.0100	<0.0100	<0.0100
Indeno(1,2,3-cd)pyrene	mg/L	1800	0.0091	<0.0100	<0.0100	<0.00100	<0.00100	<0.00100
Isophorone	mg/L	NA	0.96	<0.00100	<0.00100	<0.0100	<0.0100	<0.0100
Naphthalene	mg/L	41	0.49	<0.0100	<0.0100	0.00181	0.00276	<0.00100
Nitrobenzene	mg/L	93	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodimethylamine	mg/L	2.6	0.000018	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodiphenylamine	mg/L	NA	0.19	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
n-Nitrosodi-n-propylamine	mg/L	NA	0.00013	<0.0010	<0.0010	<0.0100	<0.0100	<0.0100
Phenanthrene	mg/L	NA	0.73	<0.00300	<0.00300	0.000201 J	<0.00100	<0.00100
Benzylbutyl phthalate	mg/L	NA	0.48	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Bis(2-ethylhexyl)phthalate	mg/L	NA	0.006	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Di-n-butyl phthalate	mg/L	NA	2.4	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Diethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300	0.000547 J	<0.00300
Dimethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Di-n-octyl phthalate	mg/L	NA	0.24	<0.00100	<0.00100	<0.00300	<0.00300	<0.00300
Pyrene	mg/L	NA	0.73	<0.0100	<0.0100	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chloro-3-methylphenol	mg/L	NA	0.12	<0.0100	<0.0100	<0.0100 J4	<0.0100	<0.0100 J4
2-Chlorophenol	mg/L	NA	0.12	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dichlorophenol	mg/L	NA	0.073	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dimethylphenol	mg/L	NA	0.49	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4,6-Dintro-2-methylphenol	mg/L	NA	0.0024	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2,4-Dinitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Pentachlorophenol	mg/L	NA	0.001	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Phenol	mg/L	21000	7.3	<0.0100	<0.0100	<0.0100	0.00849 J	<0.0100
2,4,6-Trichlorophenol	mg/L	6400	0.024	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

30 Acres PCL
Highlighted Values Exceed PCL Limit
NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.
Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-3
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - SVOCs

SAMPLE ID				MW-8	MW-9	MW-9
DATE COLLECTED				04/21/2021	3/8/2021	04/22/2021
Analyte	Units	Tier 1 Residential GWinh-V (Critical PCL With MSD)	Tier 1 Residential GWing (Critical PCL Without MSD)	Result	Result	Result
Acenaphthene	mg/L	NA	1.5	<0.00100	<0.00100	<0.00100
Acenaphthylene	mg/L	NA	1.5	<0.00100	<0.00100	<0.00100
Anthracene	mg/L	NA	7.3	<0.00100	<0.00100	<0.00100
Benzidine	mg/L	0.84	0.000004	<0.0100	<0.0100 J4	<0.0100
Benzo(a)anthracene	mg/L	390	0.0091	<0.00100	<0.00100	<0.00100
Benzo(b)fluoranthene	mg/L	310	0.0091	<0.00100	<0.00100	<0.00100
Benzo(k)fluoranthene	mg/L	18000	0.091	<0.00100	<0.00100	<0.00100
Benzo(g,h,i)perylene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100
Benzo(a)pyrene	mg/L	3.8	0.0002	<0.000200	<0.000200	<0.000200
Bis(2-chloroethoxy)methane	mg/L	10	0.00083	<0.0100	<0.0100	<0.0100
Bis(2-chloroethyl)ether	mg/L	12	0.00083	<0.0100	<0.0100	<0.0100
2,2-oxybis(1-chloropropane)	mg/L	110	0.013	<0.0100	<0.0100	<0.0100
4-Bromophenyl-phenylether	mg/L	0.2	0.000061	<0.0100	<0.0100	<0.0100
2-Chloronaphthalene	mg/L	NA	2	<0.00100	<0.00100	<0.00100
4-Chlorophenyl-phenylether	mg/L	0.16	0.000061	<0.0100	<0.0100	<0.0100
Chrysene	mg/L	110000	0.91	<0.00100	<0.00100	<0.00100
Dibenz(a,h)anthracene	mg/L	200	0.0002	<0.000200	<0.000200	<0.000200
1,2-Dichlorobenzene	mg/L	NA	0.6	NT	NT	NT
1,3-Dichlorobenzene	mg/L	NA	0.73	NT	NT	NT
1,4-Dichlorobenzene	mg/L	NA	0.075	NT	NT	NT
1,2-Diphenylhydrazine	mg/L	NA	N/A	NT	NT	NT
3,3-Dichlorobenzidine	mg/L	NA	0.002	<0.0100	<0.0100	<0.0100
2,4-Dinitrotoluene	mg/L	NA	0.0013	<0.0100	<0.0100	<0.0100
2,6-Dinitrotoluene	mg/L	NA	0.0013	<0.0100	<0.0100	<0.0100
Fluoranthene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100
Fluorene	mg/L	NA	0.98	<0.00100	<0.00100	<0.00100
Hexachlorobenzene	mg/L	0.74	0.001	<0.00100	<0.00100	<0.00100
Hexachloro-1,3-Butadiene	mg/L	1.1	0.012	<0.0100	<0.0100	<0.0100
Hexachlorocyclopentadiene	mg/L	0.7	0.05	<0.0100	<0.0100	<0.0100
Hexachloroethane	mg/L	950	0.017	<0.0100	<0.0100	<0.0100
Indeno(1,2,3-cd)pyrene	mg/L	1800	0.0091	<0.00100	<0.00100	<0.00100
Isophorone	mg/L	NA	0.96	<0.0100	<0.0100	<0.0100
Naphthalene	mg/L	41	0.49	0.000159 J	<0.00100	<0.00100
Nitrobenzene	mg/L	93	0.049	<0.0100	<0.0100	<0.0100
n-Nitrosodimethylamine	mg/L	2.6	0.000018	<0.0100	<0.0100	<0.0100
n-Nitrosodiphenylamine	mg/L	NA	0.19	<0.0100	<0.0100	<0.0100
n-Nitrosodi-n-propylamine	mg/L	NA	0.00013	<0.0100	<0.0100	<0.0100
Phenanthrene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100
Benzylbutyl phthalate	mg/L	NA	0.48	<0.00300	<0.00300	<0.00300
Bis(2-ethylhexyl)phthalate	mg/L	NA	0.006	<0.00300	<0.00300	<0.00300
Di-n-butyl phthalate	mg/L	NA	2.4	<0.00300	<0.00300	<0.00300
Diethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300
Dimethyl Phthalate	mg/L	NA	20	<0.00300	<0.00300	<0.00300
Di-n-octyl phthalate	mg/L	NA	0.24	<0.00300	<0.00300	<0.00300
Pyrene	mg/L	NA	0.73	<0.00100	<0.00100	<0.00100
1,2,4-Trichlorobenzene	mg/L	20	0.07	<0.0100	<0.0100	<0.0100
4-Chloro-3-methylphenol	mg/L	NA	0.12	<0.0100	<0.0100 J4	<0.0100
2-Chlorophenol	mg/L	NA	0.12	<0.0100	<0.0100	<0.0100
2,4-Dichlorophenol	mg/L	NA	0.073	<0.0100	<0.0100	<0.0100
2,4-Dimethylphenol	mg/L	NA	0.49	<0.0100	<0.0100	<0.0100
4,6-Dintro-2-methylphenol	mg/L	NA	0.0024	<0.0100	<0.0100	<0.0100
2,4-Dinitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100
2-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100
4-Nitrophenol	mg/L	NA	0.049	<0.0100	<0.0100	<0.0100
Pentachlorophenol	mg/L	NA	0.001	<0.0100	<0.0100	<0.0100
Phenol	mg/L	21000	7.3	<0.0100	<0.0100	<0.0100
2,4,6-Trichlorophenol	mg/L	6400	0.024	<0.0100	<0.0100	<0.0100

30 Acres PCL
 Highlighted Values Exceed PCL Limit
 NT - Not Tested

Non-detected result that exceeds PCL. Treated as residential assessment level per
 TRRP-14 Note 4, pg. 9 (Jan. 2019).

J - The identification of the analyte is acceptable; the reported value is an estimate.
 Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-4
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - TPH

SAMPLE ID		TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	GW-2 (MW-5)	GW-1 (MW-6)	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	
DATE COLLECTED		6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	12/9/2020	12/9/2020	3/8/2021	04/22/2021	3/8/2021	04/21/2021	3/8/2021	04/22/2021	
Analyte	Units	Tier 1 Residential GWIh-V (Critical PCL With MSD)	Tier 1 Residential GWIg (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
TPH C6 - C12	mg/L	2.9	0.98	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.918	<0.900	<0.900	<0.900	<0.900	<0.900
TPH C12 - C28	mg/L	2.9	0.98	2.67	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.918	<0.900	<0.900	<0.900	<0.900	<0.900
TPH C28 - C35	mg/L	2.9	0.98	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.918	<0.900	<0.900	<0.900	<0.900	<0.900
TPH C6 - C35	mg/L	2.9	0.98	2.67	<0.900	<0.900	<0.900	<0.900	<0.900	<0.900	<0.918	<0.900	<0.900	<0.900	<0.900	<0.900

30 Acres PCL
 Highlighted Values Exceed PCL Limit
 NT - Not Tested
 Maximum Concentration Level of Chemical of Concern Exceeding PCL

TABLE 5B-5
 IMARA HOUSTON, INC. - ISMAILI CENTER APAR
 GROUNDWATER DATA SUMMARY - PCBs

SAMPLE ID		TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	GW-2 (MW-5)	GW-1 (MW-6)
DATE COLLECTED		6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	6/13/2019	12/9/2020	12/9/2020
Analyte	Units	Tier 1 Residential GWInh-V (Critical PCL With MSD)	Tier 1 Residential GWIng (Critical PCL Without MSD)	Result	Result	Result	Result	Result	Result
PCB 1016	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1221	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1232	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1242	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1248	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1254	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
PCB 1260	mg/L	0.38	0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500

30 Acres PCL

Highlighted Values Exceed PCL Limit

NT - Not Tested

Maximum Concentration Level of Chemical of Concern Exceeding PCL

Appendix F

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

The groundwater plume extends west beneath the City of Houston right-of-way (Montrose Boulevard) and east towards Stanford Street as depicted in Appendix C-f; however, no impacts are present across Jackson Street or Ruiz Street from the Site. The groundwater plume does not extend beneath any additional properties. The list of property owners where the plume extends is presented below. The property owners have not been notified about the APAR findings or this MSD application.

The City of Houston is an affected property owner. The extent of the groundwater plume and its relation to the City of Houston right of ways have been discussed with the City's MSD division through prior conversations and emails.

- San Simeon Apartments LLC
5728 LBJ Freeway, Suite 400
Dallas, Texas 75240-6357
- Bel Air Viv LLC
2800 North Dallas Parkway, Suite 101
Plano, Texas 75093-5994
- Magnolia Cemetery Corporation of Houston
1019 Prince Street
Houston, Texas 77008-6428
- Lakeside Place PFC
2640 Fountain View Drive
Houston, Texas 77057-7630

Appendix G

A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, with the basis for that statement. mPlease include historical sampling data.

The source of the groundwater plume has been removed.

The presumed sources for the contamination at the Site are:

- A former rail spur located along the eastern Site boundary running from the northern boundary to the southern boundary. Metals were identified as COCs for the APAR and may have had their source as the rail spur.
- PCB transformers at the HL&P facility (SWR 32594). PCBs were not identified as a COC for the APAR.
- Spent solvents at the HL&P facility. Chlorinated VOCs were identified as COCs for the APAR.
- Two 250-gallon underground storage tanks (USTs) described as “filled in place.” TPH was identified as a COC for the APAR.

The USTs, rail spur, and HL&P facility no longer exist. The Subject Site was a grass field at the beginning of assessment activities and is currently undergoing construction for the Ismaili Center. The TCEQ Central Registry database identified SWR 32594 to seven (7) waste management units; however, only one (1) unit was constructed (WMU 001) that may have potentially managed chlorinated hydrocarbon waste materials. This WMU and SWR were closed out by TCEQ on November 21, 2005.

The plume contamination is stable.

Based on data from nine (9) groundwater monitoring events in December 2019, January 2020, December 2020, March 2021, April 2021, August 2021, October 2021, May 2022, and August 2022, the plume is maintaining a stable band extending east/west in the southern portion of the Subject Site. The impacted groundwater zone on the Site has been reduced via removal of soils in the GWBU for the below-ground parking garage, such that COC loadings to the system have been reduced. This is to say that the source materials that originally impacted soils and groundwater have been largely removed.

The plume is delineated.

The 1,1-dichloroethene, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride concentrations in monitoring wells to the north (MW-1, MW-2, MW-5, and MW-13), east (MW-16), south (MW-6 and MW-11), and west (MW-15) were all non-detect or below their respective ^{GW}GW_{ING} PCLs. The plume extent and delineation are depicted in Appendix C-f, and summarized sampling data tables are attached in Appendix E. Mike Duffin with TCEQ concurs that the plume has been delineated in the attached TCEQ letter, dated July 22, 2022 (Executive Summary attachment).

Appendix H

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

Based on data from nine (9) groundwater monitoring events in December 2019, January 2020, December 2020, March 2021, April 2021, August 2021, October 2021, May 2022, and August 2022, arsenic (ranging from 0.0103 to 0.0261 milligrams per liter [mg/L]) and chlorinated VOCs (1,1-dichloroethene [0.00793 to 0.222 mg/L]; cis-1,2-dichloroethene [0.0728 to 0.28 mg/L]; tetrachloroethene [0.00536 to 0.177 mg/L]; trichloroethene [0.00549 to 0.145 mg/L]; and vinyl chloride [0.0025 to 0.0389 mg/L]) exceed their TRRP Tier 1 Residential ^{GW}GW_{ING} PCL (ingestion PCL), which is the critical Residential PCL without an MSD in place.