

Executive Summary

SKA Consulting, L.P. (SKA), on behalf of Sage Interests, Inc., InTownBuilder GP, LLC, InTownHomes, Ltd., and Crosby 2100, Ltd. has prepared this Municipal Setting Designation (MSD) Application for approximately 2.36 acres of privately-owned commercial land and a publicly-owned right-of-way identified as the designated property. The designated property is located at 1807 Center Street and addressed as 1812 and 1814 Washington Avenue, which is approximately 0.5 miles northwest of downtown Houston, Texas. The designated property is bordered to the north by Center Street followed by undeveloped land; to the south by privately-owned commercial land and residential properties; to the east by privately-owned commercial land and residential properties; and to the west by Silver Street followed by privately-owned commercial land.

The designated property is currently developed with two different land uses:

- Commercial property (1807 Center Street property, approximately 1.68 acres), composed of two parcels and owned by two related entities. The commercial property is developed with an approximately 7,250 square-foot (SF) brick building, surrounded by associated asphalt and concrete-paved parking and driving areas. Presently, the commercial property is enrolled in the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) as VCP No. 1801.
- Public street and right-of-way (Washington Avenue, approximately 0.68 acres).

Properties in the vicinity of the designated property are predominantly mixed commercial and single-family residential.

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

According to records obtained from GeoSearch Inc., approximately 791 registered/permitted water wells are reportedly located within a 5-mile radius of the designated property. Of these, 14 are reportedly located within a 0.5-mile radius of the designated property. However, 4 of these 14 wells are reportedly plugged and abandoned, including the only downgradient well within a 0.5-mile radius of the designated property. This downgradient well is owned by the City of Houston and located approximately 0.46 miles southeast of the designated property. The remaining wells located within a 0.5-mile radius of the designated property are located crossgradient to upgradient of the designated property and/or are screened at depths greater than 463 feet. As such, these potable water wells are not likely to be affected by contaminants present in soil or groundwater at the designated property, as there are no soil plumes and the groundwater plume is stable and delineated on the designated property.

Of the approximately 791 registered/permitted water wells reportedly located within 5 miles of the designated property, approximately 12 are reportedly owned or operated by a retail public water utility. In addition, 1 of the 12 water wells located within 5 miles of the designated property is reportedly owned by a municipality other than the City of Houston, specifically, the City of West University Place.

The depth to groundwater for the shallow groundwater bearing unit (GWBU) ranges from 23.95 to 79.51 feet below ground surface (ft-bgs). Chemicals of concern (COCs) historically detected in the shallow GWBU in excess of their respective TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential Groundwater Ingestion (^{GW}GW_{Ing}) Protective Concentration Levels (PCLs) (groundwater ingestion PCLs) are arsenic; barium; benzene; toluene, ethylbenzene; lead; naphthalene; total petroleum hydrocarbons (TPH); 1,2,4-trimethylbenzene; 1,1-dichloroethene (1,1-DCE); and trichloroethene (TCE). The most recent data indicates that only TCE is above its TCEQ TRRP groundwater ingestion PCL.

The historical petroleum-related exceedances of benzene, toluene, ethylbenzene, lead, naphthalene, TPH, and 1,2,4-trimethylbenzene are directly attributed to a release from a leaking petroleum storage tank (LPST) previously located on the designated property, as well as a release from a second LPST site located adjacently north of the designated property at 1818 Center Street. The presence of arsenic in groundwater is also attributed to these LPST releases, as the reducing environment caused by the petroleum hydrocarbon plumes resulted in the mobilization of naturally-occurring arsenic from soils to groundwater. Both of these LPST sites received regulatory closure from the TCEQ in March 2009 and require no further remedial or assessment action. Of these COCs, only arsenic, benzene, and ethylbenzene are currently detected in excess of their respective TCEQ TRRP Tier 1 ^{GW}GW_{Ing} PCLs. In addition, barium in excess of its TCEQ TRRP groundwater ingestion PCL was only detected in monitoring well MW-12, which is not located on Tract 2 of the N. Merfish Supply Company Property. There were also no sources of barium identified on Tract 2, indicating this isolated barium plume is likely from an off-site source. For these reasons, the previously-identified COCs (arsenic, barium, benzene, and ethylbenzene) are not considered PCL exceedances for the designated property.

The exceedances of 1,1-DCE and TCE may be a result of former dry cleaner operations on Tract 2. Concentrations of 1,1,-DCE currently do not exceed the applicable TRRP Tier 1 ^{GW}GW_{Ing} PCL. Therefore, TCE is only COC currently exceeding TRRP Tier 1 ^{GW}GW_{Ing} PCLs at the designated property.

The results of assessment and monitoring activities performed to date indicate one ^{GW}GW_{Ing} PCL exceedance (PCLE) zone is present on the designated property. The ^{GW}GW_{Ing} PCLE zone contains the one confirmed COC listed above (TCE), is stable and/or decreasing in magnitude, and contained within the boundaries of the designated property. No COCs have been detected in groundwater outside the designated property in excess of any TRRP ingestion or non-ingestion PCLs. In addition, no COCs are expected to migrate off the designated property in the future at concentrations that would exceed any applicable TRRP non-ingestion PCLs (the TRRP

PCLs applicable for the designated property should an MSD be granted). No other COCs have been detected in soil outside the designated property in excess of any TRRP ingestion or non-ingestion PCL.

The following Appendices “A” through “Y” provide the requested documentation corresponding to the Items in the attached City of Houston MSD Application checklist. Supporting documentation for certain items are attached and included with the item’s corresponding Appendix.

Appendix A – Legal Property Description

A legal description and deeds for the privately-owned parcels of the designated property are included in **Appendix A**. The entire commercial property was purchased in 2005 by Crosby 2100, Ltd. In 2010, ownership of the eastern 0.86 acres of the commercial property was deeded to Dittman on Washington, Ltd., by Westheimer Wilcrest GP, LLC and Jester Houston Investments, Ltd., the General Partner and Limited Partner, respectively, of Crosby 2100, Ltd. Metes and bounds for the privately-owned and public right-of-way and a survey of the entire designated property are also included in **Appendix A**.

AFTER RECORDING

Revised for

KIRBY TITLE, LLC

GF 4342

CLOSER *PH*

SPECIAL WARRANTY DEED

Y368365
04/04/05 100755800

\$26.00

*5110 Buffalo Spedway
Ste 202*

*Houston
Tx, 77007*

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

Date: March 17, 2005

Grantor:
Merfish Realty, LP, a Texas limited partnership

Grantor's Mailing Address (including county):
1211 Kress
Houston, Texas 77020
Harris County

Grantee:
Crosby 2100, Ltd., a Texas limited partnership

Grantee's Mailing Address (including county):
5177 Richmond Avenue, Suite 1166
Houston, Texas 77056
Harris County

Consideration:
Ten Dollars (\$10.00) and other good and valuable consideration.

Property (including any improvements):

Those certain tracts of land in Harris County, Texas more fully described on Exhibit "A" attached hereto and made a part hereof for all purposes.

Reservations from and Exceptions to Conveyance and Warranty:

Any and all liens, encumbrances, restrictions, restrictive covenants, conditions, rights-of-way, leases, oil, gas and mineral rights, or other instrument of record among the Official Public Records of Real Property of Harris County, Texas, including but not limited to those described on Exhibit "B" attached hereto and made a part hereof for all purposes.

FILED
05 APR -4 PM 3:27
COUNTY CLERK
HARRIS COUNTY, TEXAS

2005-03-27 14:28:22

Grantor, for the consideration and subject to the reservations from and exceptions to conveyance and warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any wise belonging, to have and hold it to Grantee, Grantee's successors and assigns forever. Grantor hereby binds Grantor and Grantor's successors and assigns to warrant and forever defend all and singular the Property to Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under Grantor, but not otherwise, except as to the reservations from and exceptions to warranty.

GRANTEE ACKNOWLEDGES THAT GRANTEE HAS INDEPENDENTLY AND PERSONALLY INSPECTED THE PROPERTY. THE PROPERTY IS HEREBY CONVEYED BY GRANTOR AND ACCEPTED BY GRANTEE IN ITS PRESENT CONDITION, "AS IS, WITH ALL FAULTS, AND WITHOUT ANY WARRANTY WHATSOEVER, EXPRESS OR IMPLIED" (OTHER THAN THE SPECIAL WARRANTY OF TITLE INCLUDED HEREIN AND THE REPRESENTATIONS AND WARRANTIES EXPRESSLY SET OUT IN PARAGRAPH 5 OF THE ADDENDUM TO THAT CERTAIN COMMERCIAL CONTRACT - IMPROVED PROPERTY DATED EFFECTIVE AUGUST 26, 2004, AS AMENDED, BETWEEN N. MERFISH SUPPLY CO. AS SELLER, AND SAGE INTERESTS, INC. AS BUYER, REGARDING THE PURCHASE AND SALE OF THE PROPERTY), SPECIFICALLY WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, WITHOUT ANY WARRANTY OF (I) THE VALUE OR DEVELOPMENT POTENTIAL OF THE PROPERTY, (II) THE PRESENCE OR AVAILABILITY OF UTILITIES, (III) THE SOIL CONDITIONS EXISTING AT THE PROPERTY FOR ANY PARTICULAR PURPOSE OR DEVELOPMENT POTENTIAL, (IV) THE PRESENCE OR ABSENCE OF ANY HAZARDOUS SUBSTANCES OF MATTER, WETLANDS, OR ENDANGERED SPECIES IN OR ON THE PROPERTY, (V) COMPLIANCE OF THE PROPERTY WITH ANY APPLICABLE LAWS, REGULATIONS OR OTHER GOVERNMENTAL REQUIREMENTS, OR (VI) THE ACCURACY OF ANY INFORMATION PROVIDED BY GRANTOR TO GRANTEE, OTHER THAN GRANTOR HAS NO CURRENT, ACTUAL KNOWLEDGE THAT SUCH INFORMATION CONTAINS ANY INFORMATION THAT IS MATERIALLY INCORRECT. EXCEPT AS EXPRESSLY SET FORTH HEREIN, GRANTOR MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND TO GRANTEE, INCLUDING, WITHOUT LIMITATION, THE PHYSICAL CONDITION OF THE PROPERTY AND ANY IMPROVEMENTS LOCATED THEREON, OR THEIR SUITABILITY FOR ANY PARTICULAR PURPOSE OF MERCHANTABILITY.

When the context requires, singular nouns and pronouns include the plural.

EXECUTED as of the date above written.

MERFISH REALTY, LP
By: Merfish Realty Management, LLC
General Partner

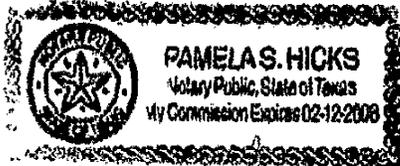
By: Rochelle Merfish Jacobson
Rochelle Merfish Jacobson, Manager

STATE OF TEXAS

§
§
§

COUNTY OF HARRIS

This instrument was acknowledged before me on the 17th day of March, 2005, by Rochelle Merfish Jacobson, Manager of Merfish Realty Management, LLC, a Texas limited liability company and General Partner of Merfish Realty, LP, a Texas limited partnership, on behalf of said limited liability company and limited partnership.



[Handwritten Signature]

Notary Public in and for the State of Texas

AFTER RECORDING RETURN TO:

Kirby Title LLC
Attn: Pam Hicks
5110 Buffalo Speedway, Suite 202
Houston, Texas 77005
Phone: (713) 668-2323/Fax: (713) 668-2337
GF No. 04125294 (4341)

PREPARED IN THE LAW OFFICE OF:

Zimmerman, Axelrad,
Meyer, Stern & Wise, P.C.
Attn: Mary S. Tourenq
3040 Post Oak Blvd., Suite 1300
Houston, Texas 77056
Phone: (713) 552-1234/Fax: (713) 963-0859

44-22-69-68-22

PROBSTFELD ASSOCIATES
PROFESSIONAL SURVEYORS



21830 Kingsland Blvd., Suite 106 ▲ Katy, Texas 77450 ▲ Office 281.829-0034 ▲ Fax 281.829.0233

1902 Washington Avenue

A tract or parcel of land containing 0.9257 acres (40,322 square feet) being known as Lot 3, 4, 5, 6, 7, 8, 9, & 10, in Block 425, of W. R. Baker North Side Buffalo Bayou, of the Baker, Shearne & Riordan Addition, located in the John Austin Two League Grant, Abstract 1, Harris County, Texas, according to the unrecorded plat thereof on file at the Department of Public Works, City of Houston, Harris County, Texas, said 0.9257 acre tract being more particularly described by metes and bounds as follows with bearings based on the recorded plat of Washington Place, an addition in Harris County, Texas, according to the plat as recorded in Film Code No. 434010 of the Map Records of Harris County, Texas;

BEGINNING at a found 3 / 4 inch iron pipe marking the intersection of the South right of way line of Center Street, (75 feet in width), and the West right of way line of Silver Street, (50 feet in width), said found 3 / 4 inch iron pipe marking the Northeast corner of Lot 7, in Block 425 of said W. R. Baker, said found 3 / 4 inch iron pipe also marking the **POINT OF BEGINNING** and the Northeast corner of the herein described tract;

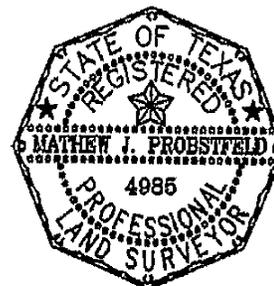
THENCE South 02 degrees 52 minutes 15 seconds East, with the said West right of way line of Silver Street, a distance of 202.50 feet, (call 200.00 feet), to a found 1 / 2 inch iron rod marking the intersection of the said West right of way line of Silver Street, and the North right of way line of Washington Avenue, (80 feet in width), said found 1 / 2 inch iron rod marking the Southeast corner of said Lot 6, said found 1 / 2 inch iron rod also marking the Southeast corner of the herein described tract;

THENCE North 85 degrees 02 minutes 01 seconds West, along the said North right of way line of Washington Avenue, with the South line of Lot 6, Lot 5, Lot 4, and Lot 3, a distance of 201.00 feet, (call 200.00 feet), to a found 1 / 2 inch iron rod marking the Southwest corner of said Lot 3, same being the Southeast corner of Lot 2, said found 1 / 2 inch iron rod also marking the Southwest corner of the herein described tract;

THENCE North 02 degrees 52 minutes 15 seconds West, along the common lot line of said Lot 2 and Lot 3, a distance of 202.50 feet, (call 200.00 feet), to a set 1 / 2 inch iron rod with cap lying in the said South right of way line of Center Street, said set 1 / 2 inch iron rod with cap marking the Northeast corner of said Lot 11, same being the Northwest corner of said Lot 10, said set 1 / 2 inch iron rod with cap also marking the Northwest corner of the herein described tract;

THENCE South 85 degrees 02 minutes 01 seconds East, along the said South right of way line of Center Street, with the North line of Lot 10, Lot 9, Lot 8 and Lot 7, a distance of 201.00 feet, (call 200.00 feet), to the **POINT OF BEGINNING** and containing 0.9257 acres (40,322 square feet) of land.


Mathew J. Probstfeld
Registered Professional Land Surveyor
State of Texas No. 4985
March 7, 2005



J:\Metes & Bounds\1902 Washington Ave. Blk. 425 W R Baker N Merfish.doc

PROBSTFELD ASSOCIATES
PROFESSIONAL SURVEYORS

21830 Kingland Blvd., Suite 106 ▲ Katy, Texas 77450 ▲ Office 281.829-0034 ▲ Fax 281.829.0233

1807 Center Street

A tract or parcel of land containing 1.6815 acres (73,248 square feet) being known as Lot 1, 2, 3, 4, 5, 12, 13, 14, 15 & 16, in Block 445, of W. R. Baker North Side Buffalo Bayou, of the Baker, Shearne & Riordan Addition, located in the John Austin Two League Grant, Abstract 1, Harris County, Texas, according to the unrecorded plat thereof on file at the Department of Public Works, City of Houston, Harris County, Texas, TOGETHER WITH that certain tract of land being known as Lot 6, 7, 10, & 11, and the West 15.00 feet of Lot 8 and Lot 9, in Block 445, W. R. Baker as conveyed to N. Merfish Plumbing Supply as recorded in Harris County Clerk's File No. N996883, said 1.6815 acre tract being more particularly described by metes and bounds as follows with bearings based on the recorded plat of Washington Place, an addition in Harris County, Texas, according to the plat as recorded in Film Code No. 434010 of the Map Records of Harris County, Texas;

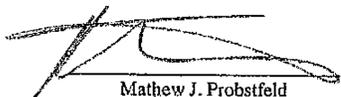
BEGINNING at a set 1 / 2 inch iron rod with cap marking the intersection of the South right of way line of Center Street, (75 feet in width), and the East right of way line of Silver Street, (50 feet in width), said set 1 / 2 inch iron rod with cap marking the Northwest corner of Lot 16, in Block 445 of said W. R. Baker, a found 5 / 8 inch iron rod bears North 85 degrees West, a distance of 0.38 feet, said set 1 / 2 inch iron rod with cap also marking the **POINT OF BEGINNING** and the Northwest corner of the herein described tract;

THENCE South 85 degrees 02 minutes 01 seconds East, with the said South right of way line of Center Street, passing at 252.02 feet a found 1 / 2 inch iron rod marking the Northeast corner of Lot 12, same being the Northeast corner of Lot 11, said found 1 / 2 inch iron rod also marking the Northwest corner of said N. Merfish Plumbing Supply tract as described in Harris County Clerk's File No. N996883, continuing for a total distance of 370.04 feet to a found 1 / 2 inch iron rod lying in the North line of Lot 9, of said Block 445, said found 1 / 2 inch iron rod marking the Northeast corner of said N. Merfish Plumbing Supply tract, said found 1 / 2 inch iron rod also marking the Northeast corner of the herein described tract;

THENCE South 02 degrees 23 minutes 49 seconds East, passing at 100.00 feet a point in the South line of said Lot 9, same being the North line of Lot 8, continuing for a total distance of 200.04 feet to a found 1 / 2 inch iron rod with cap lying in the North right of way line of Washington Avenue, (80 feet in width), said found 1 / 2 inch iron rod with cap marking the Southeast corner of said N. Merfish Plumbing Supply tract, said found 1 / 2 inch iron rod with cap also marking the Southeast corner of the herein described tract;

THENCE North 85 degrees 02 minutes 01 seconds West, along the said North right of way line of Washington Avenue, passing at 115.00 feet a point for corner being the Southwest corner of Lot 6, same being the Southeast corner of Lot 5, said point for corner also being the Southwest corner of said N. Merfish Plumbing Supply tract, continuing for a total distance of 368.37 feet to a set 1 / 2 inch iron rod with cap from which a found 3 / 4 inch iron pipe in concrete bears North 24 degrees 29 minutes West, a distance of 1.74 feet, said set 1 / 2 inch iron rod with cap marking the intersection of the said North right of way line of Washington Avenue and the said East right of way line of Silver Street, said set 1 / 2 inch iron rod with cap marking the Southwest corner of Lot 1, in said Block 445, said set 1 / 2 inch iron rod with cap also marking the Southwest corner of the herein described tract;

THENCE North 02 degrees 52 minutes 15 seconds West, along the said East right of way line of Silver Street, a distance of 200.26 feet (call 200.00 feet), to the **POINT OF BEGINNING** and containing 1.6815 acres (73,248 square feet) of land.


Mathew J. Probstfeld
Registered Professional Land Surveyor
State of Texas No. 4985
February 2, 2005



J:\Metes & Bounds\1807 Center St. Blk. 445 W R Baker N Merfish.doc

PROBSTFELD ASSOCIATES
PROFESSIONAL LAND SURVEYORS

21830 Kingsland Blvd., Suite 106 ▲ Katy, Texas 77450 ▲ Office 281.829-0034 ▲ Fax 281.829.0233

1818 Center Street

A tract or parcel of land containing 0.4742 acres (20,656 square feet) being known as Lots 1, 2, 15, & 16, in Block 446, of W. R. Baker North Side Buffalo Bayou, of the Baker, Shearne & Flordan Addition, located in the John Austin Two League Grant, Abstract 1, Harris County, Texas, according to the unrecorded plat thereof on file at the Department of Public Works, City of Houston, Harris County, Texas, TOGETHER WITH that certain Westerly portion of Lot 3 and Lot 14, in said Block 446, of W. R. Baker, as conveyed to Nathan Merfish as recorded in Volume 3130, Page 257 of the Deed Records of Harris County, Texas, said 0.4742 acre tract being more particularly described as follows with bearings based on Washington Place, an addition in Harris County, Texas, according to the plat as recorded in Film Code No. 434010 of the Map Records of Harris County, Texas;

BEGINNING at a found 1 inch iron pipe marking the intersection of the North right of way line of Center Street, (75 feet in width), and the East right of way line of Silver Street, (50 feet in width), said found 1 inch iron pipe marking the Southwest corner of Lot 1, in said Block 446, W. R. Baker, said found 1 inch iron pipe also marking the **POINT OF BEGINNING** and the Southwest corner of the herein described tract;

THENCE North 03 degrees 19 minutes 10 seconds West, along the said East right of way line of Silver Street, passing at 100.00 feet a point for corner being the Northwest corner of said Lot 1, same being the Southwest corner of Lot 16, continuing for a total distance of 199.80 feet, (call 200.00 feet), to a found 1 inch iron pipe marking the intersection of the said East right of way line of Silver Street, with the South right of way line of the Southern Pacific Railroad, (right of way varies), said found 1 inch iron pipe marking the Northwest corner of said Lot 16, said found 1 inch iron pipe also marking the Northwest corner of the herein described tract;

THENCE South 85 degrees 03 minutes 00 seconds East, along the North line of said Block 446, passing at 100.00 feet a point for corner being the Northeast corner of Lot 15, same being the Northwest corner of Lot 14, said point for corner also being the Northwest corner of said Nathan Merfish tract, continuing for a total distance of 103.90 feet to a found 1 inch iron pipe, from which a found 1 / 2 inch iron rod bears North 04 degrees 40 minutes West, a distance of 1.06 feet, a found 1 / 2 inch iron pipe bears North 10 degrees 54 minutes West, a distance of 1.40 feet, said found 1 inch iron pipe marking the Northeast corner of said Nathan Merfish tract, said found 1 inch iron pipe also marking the Northeast corner of the herein described tract;

THENCE South 03 degrees 38 minutes 30 seconds East, with the East line of said Nathan Merfish tract, passing at 100.00 feet a point in the South line of said Lot 14, same being the North line of Lot 3, continuing for a total distance of 200.00 feet to a found 1 inch iron pipe lying in the said North right of way line of Center Street, said found 1 inch iron pipe also marking the Southeast corner of the herein described tract;

THENCE North 85 degrees 02 minutes 01 seconds West, along the said North right of way line of Center Street, passing at 5.04 feet a point for corner being the Southwest corner of said Lot 3, same being the Southeast corner of Lot 2, said point for corner being the Southwest corner of said Nathan Merfish tract, continuing for a total distance of 105.04 feet to the **POINT OF BEGINNING** and containing 0.4742 acres (20,656 square feet) of land.


Mathew J. Probstfeld
Registered Professional Land Surveyor
State of Texas No. 4985
February 2, 2005



J:\Metes & Bounds\1818 Center Lots 1 2 15 16 and W portion of 3-14 Blk. 446 WR Baker Merfish...

**EXHIBIT B TO DEED FROM
MERFISH REALTY, LP TO CROSBY 2100, LTD.**

PERMITTED EXCEPTIONS

1. Fence off line as shown on survey dated February 5, 2005, prepared by Mathew J. Probstfeld, Registered Public Surveyor No. 4985 in the State of Texas.
2. City of Houston Ordinance 1999-262, relating to rules, regulations and design standards for development and platting and providing for the establishment of building setback lines.
3. City of Houston Ordinance 89-1312, a certified copy of which is recorded under Harris County Clerk's file number M-337573, relating to the giving of a Notice regarding Deed Restrictions to buyers of restricted property.

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

APR - 4 2005



Dorely B. Kaufman
COUNTY CLERK
HARRIS COUNTY, TEXAS

AFTER RECORDING RETURN TO:
KIRBY TITLE, LLC
1520 OLIVER
STE. 100
HOUSTON, TX 77007

20100150988
05/07/2010 RP3 \$28.00

20100187225
05/07/2010 RP3 \$28.00

Please record to correct error in Grantee's name.

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

4
WB
W
K

CONTRIBUTION DEED

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

That we, **JESTER HOUSTON INVESTMENTS, LTD.**, a Texas limited partnership ("Grantor"), for the purpose of making a contribution of capital to a limited liability company (i.e. Grantee), the receipt of which is hereby acknowledged have GRANTED and CONVEYED and, by these presents, do GRANT and CONVEY unto **DITTMAN ON WASHINGTON, LLC**, a Texas limited liability company ("Grantee"), of the County of Harris and State of Texas, whose mailing address is 1520 Oliver Street, Houston, Texas 77007, an undivided 99% interest in that certain approximately 37,519 square foot tract of land more particularly described on Exhibit "A" attached hereto and made a part hereof (the "Property"), together with all improvements, if any situated thereon, all of the foregoing ON AN AS-IS BASIS, IN THEIR PRESENT CONDITION, WITHOUT ANY EXPRESS WARRANTY AND WITHOUT ANY IMPLIED WARRANTY OF MERCHANTABILITY, HABITABILITY, SUITABILITY OR OTHER IMPLIED WARRANTY.

Ltd. Partnership

Lee

This conveyance is made by Grantor and accepted by Grantee subject to ad valorem taxes for 2010, easements, restrictions, other matters of record (but only to the extent such easements, restrictions and other matters are valid and enforceable against the Property), all other matters that a correct survey of the Property would reflect, and regulations and ordinances of municipal and/or other governmental authorities (all of the foregoing collectively referred to herein as the "Permitted Exceptions").

TO HAVE AND TO HOLD the above described Property, together with all and singular the rights and appurtenances thereto in anywise belonging, subject to the Permitted Exceptions, unto the said Grantee, its successors and assigns forever, and we do hereby bind ourselves, and our successors, to warrant and forever defend, subject to the Permitted Exceptions, all and singular the Property, unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under us, but not otherwise.

This Deed shall also be effective to convey to Grantee all right, title and interest of Grantor in and to adjacent streets, alleys and rights-of-way.

20100187225

The Deed evidences a contribution to the capital of Grantee.

Ad valorem taxes for 2010 have been prorated at closing and ninety-nine percent of which are hereby assumed by Grantee.

EXECUTED as of the 9th day of April, 2010.

JESTER HOUSTON INVESTMENTS, LTD., a
Texas limited partnership

By: Jester Houston GP, LLC, a Texas limited
liability company

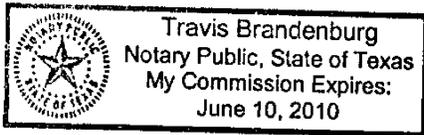
By: [Signature]
Frank M. K. Liu, Sole Member

GRANTOR

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

This instrument was acknowledged before me on the 9th day of April, 2010, by Frank M.K. Liu, sole member of Jester Houston GP, LLC, a Texas limited liability company, the general partner of Jester Houston Investments, Ltd., a Texas limited partnership, on behalf of said limited liability company acting in such capacity. 20

[Signature]
Notary Public in and for the State of Texas



My commission expires: 6-10-2010



HP 071-77-2264

EXHIBIT "A"

SEP 11 1977 2255

21

LEGAL DESCRIPTION

Description of a 0.8613 acre tract (37,519 square feet) out of a called 1.6815 acre tract described in an instrument dated March 17, 2005, from Merfish Realty, LP, to Crosby 2100, Ltd., recorded under Harris County Clerk's File No. Y368365, of the Official Public Records of Real Property of Harris County, Texas, and being all of Lots 5, 6, 7, 10, 11, and 12 and a portion of Lots 4, 8, 9 and 13, in Block 445 of The Baker, Shearne & Riordan Addition, of the W. R. Barker North Side of Buffalo Bayou, as delineated on City of Houston Engineer's Drawing No. 300-A and situated within the John Austin Survey, Abstract 1, City of Houston, Harris County, Texas, and said 0.8613 acre tract being more particularly described by metes and bounds as follows:

D

COMMENCEING from a 5/8-inch iron rod found at the southeast intersection of the South right-of-way line of Center Street (75-foot wide per The Baker, Shearne & Riordan Addition) and the East right-of-way line of Silver Street (50-foot wide) and being the Northwest corner of said Block 445;

THENCE SOUTH 82°51'50" EAST along the South right-of-way line of said Center Street and North line of said Block 445 a distance of 181.91 feet to a set 5/8-inch iron rod with "TRI-TECH" cap set for the POINT OF BEGINNING and Northeast corner of herein described tract;

THENCE SOUTH 82°51'50" EAST along the South right-of-way line of said Center Street and North line of said Block 445 a distance of 188.91 feet to a 1/2-inch iron rod found at the Northwest corner of a tract described to Richard Cortez, as recorded in H.C.C.F. No. X695464, the Northeast corner of said 1.6815 acre tract and Northeast corner of herein described tract;

THENCE SOUTH 00°02'49" EAST along the West line of said Cortez tract and East line of said called 1.6815 acre tract, at a distance of 100.00 feet pass the Southwest corner of said Cortez tract and the Northwest corner of a tract of land described to Charlie Cuevas, as recorded in H.C.C.F. No. F399902, and continuing along the same coarse a total distance of 200.01 feet to a 1/2-inch iron rod found being the Southwest corner of said Cuevas tract, in the north right-of-way line of Washington Avenue (80-foot wide per The Baker, Shearne & Riordan Addition), the southeast corner of said 1.6815 acre tract and Southeast corner of herein described tract;

THENCE NORTH 82°51'50" WEST along the North right-of-way line of said Washington Avenue and South Line of said Block 445 a distance of 189.23 feet to a 5/8-inch iron rod with "TRI-TECH" cap set being on the North right-of-way line of said Washington Avenue and the Southwest corner herein described tract;

THENCE NORTH 00°02'41" EAST crossing said 1.6815 acre tract, a distance of 199.97 feet to the PLACE OF BEGINNING and containing 0.8613 acres (37,519 square feet) of land.

RECORDER'S MEMORANDUM:

At the time of recordation, this instrument was found to be inadequate for the best photographic reproduction because of illegibility, carbon or photo copy, discolored paper, etc. All blackouts, additions and changes were present at the time the instrument was filed and recorded.

PP-2266

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 the number Sequence on the date and at the time stamped herein by me, and was duly RECORDED, in the Official Public Records of Real Property of Harris County, Texas on

MAY - 7 2010



Candy B. Keyman
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 the Number Sequence on the date and at the time stamped herein by me, and was duly RECORDED, in the Official Public Records of Real Property of Harris County, Texas on

APR 16 2010



Candy B. Keyman
COUNTY CLERK
HARRIS COUNTY, TEXAS

Candy B. Keyman
COUNTY CLERK
HARRIS COUNTY, TEXAS

2010 MAY - 7 AM 11: 25

FILED

AFTER RECORDING RETURN TO:
KIRBY TITLE, LLC
1520 OLIVER
STE. 100
HOUSTON, TX 77007

20100150087
04/16/2010 RP1 \$28.00

20100187226
05/07/2010 RP3 \$28.00

Document being rerecorded to correct Grantee's name.

4
WD
2

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

CONTRIBUTION DEED

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

That we, **WESTHEIMER WILCREST GP, LLC**, a Texas limited liability company ("Grantor"), for the purpose of making a contribution of capital to another limited liability company (i.e. Grantee), the receipt of which is hereby acknowledged have GRANTED and CONVEYED and, by these presents, do GRANT and CONVEY unto **DITTMAN ON WASHINGTON, LLC**, a Texas limited liability company ("Grantee"), of the County of Harris and State of Texas, whose mailing address is 1520 Oliver Street, Houston, Texas 77007, an undivided 1% interest in that certain approximately 37,519 square foot tract of land more particularly described on Exhibit "A" attached hereto and made a part hereof (the "Property"), together with all improvements, if any situated thereon, all of the foregoing ON AN AS-IS BASIS, IN THEIR PRESENT CONDITION, WITHOUT ANY EXPRESS WARRANTY AND WITHOUT ANY IMPLIED WARRANTY OF MERCHANTABILITY, HABITABILITY, SUITABILITY OR OTHER IMPLIED WARRANTY.

Ltd.
Partnership

Lee

This conveyance is made by Grantor and accepted by Grantee subject to ad valorem taxes for 2010, easements, restrictions, other matters of record (but only to the extent such easements, restrictions and other matters are valid and enforceable against the Property), all other matters that a correct survey of the Property would reflect, and regulations and ordinances of municipal and/or other governmental authorities (all of the foregoing collectively referred to herein as the "Permitted Exceptions").

TO HAVE AND TO HOLD the above described Property, together with all and singular the rights and appurtenances thereto in anywise belonging, subject to the Permitted Exceptions, unto the said Grantee, its successors and assigns forever, and we do hereby bind ourselves, and our successors, to warrant and forever defend, subject to the Permitted Exceptions, all and singular the Property, unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under us, but not otherwise.

This Deed shall also be effective to convey to Grantee all right, title and interest of Grantor in and to adjacent streets, alleys and rights-of-way.

The Deed evidences a contribution to the capital of Grantee.

Ad valorem taxes for 2010 have been prorated at closing and one percent of which are hereby assumed by Grantee.

EXECUTED as of the 9th day of April, 2010.

WESTHEIMER WILCREST GP, LLC, a Texas limited liability company

lu

By: *Frank M.K. Liu*
Frank M.K. Liu, Manager

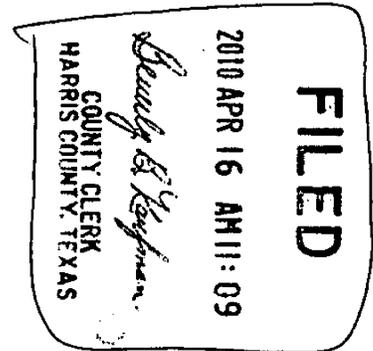
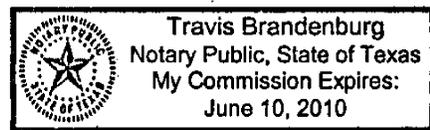
GRANTOR

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

This instrument was acknowledged before me on the 9th day of April, 2010, by Frank M.K. Liu, Manager of Westheimer Wilcrest GP, LLC, a Texas limited liability company, on behalf of said entity.

Travis Brandenburg
Notary Public in and for the State of Texas

My commission expires: 6-10-2010



HP 071-77-2269

EXHIBIT "A"

RE 071-77-2220

LEGAL DESCRIPTION

Description of a 0.8613 acre tract (37,519 square feet) out of a called 1.6815 acre tract described in an instrument dated March 17, 2005, from Merfish Realty, LP, to Crosby 2100, Ltd., recorded under Harris County Clerk's File No. Y368365, of the Official Public Records of Real Property of Harris County, Texas, and being all of Lots 5, 6, 7, 10, 11, and 12 and a portion of Lots 4, 8, 9 and 13, in Block 445 of The Baker, Shearne & Riordan Addition, of the W. R. Barker North Side of Buffalo Bayou, as delineated on City of Houston Engineer's Drawing No. 300-A and situated within the John Austin Survey, Abstract 1, City of Houston, Harris County, Texas, and said 0.8613 acre tract being more particularly described by metes and bounds as follows:

COMMENCEING from a 5/8-inch iron rod found at the southeast intersection of the South right-of-way line of Center Street (75-foot wide per The Baker, Shearne & Riordan Addition) and the East right-of-way line of Silver Street (50-foot wide) and being the Northwest corner of said Block 445;

THENCE SOUTH 82°51'50" EAST along the South right-of-way line of said Center Street and North line of said Block 445 a distance of 181.91 feet to a set 5/8-inch iron rod with "TRI-TECH" cap set for the POINT OF BEGINNING and Northeast corner of herein described tract;

THENCE SOUTH 82°51'50" EAST along the South right-of-way line of said Center Street and North line of said Block 445 a distance of 188.91 feet to a 1/2-inch iron rod found at the Northwest corner of a tract described to Richard Cortez, as recorded in H.C.C.F. No. X695464, the Northeast corner of said 1.6815 acre tract and Northeast corner of herein described tract;

THENCE SOUTH 00°02'49" EAST along the West line of said Cortez tract and East line of said called 1.6815 acre tract, at a distance of 100.00 feet pass the Southwest corner of said Cortez tract and the Northwest corner of a tract of land described to Charlie Cuevas, as recorded in H.C.C.F. No. F399902, and continuing along the same course a total distance of 200.01 feet to a 1/2-inch iron rod found being the Southwest corner of said Cuevas tract, in the north right-of-way line of Washington Avenue (80-foot wide per The Baker, Shearne & Riordan Addition), the southeast corner of said 1.6815 acre tract and Southeast corner of herein described tract;

THENCE NORTH 82°51'50" WEST along the North right-of-way line of said Washington Avenue and South Line of said Block 445 a distance of 189.23 feet to a 5/8-inch iron rod with "TRI-TECH" cap set being on the North right-of-way line of said Washington Avenue and the Southwest corner herein described tract;

THENCE NORTH 00°02'41" EAST crossing said 1.6815 acre tract, a distance of 199.97 feet to the PLACE OF BEGINNING and containing 0.8613 acres (37,519 square feet) of land.

RECORDER'S MEMORANDUM:

At the time of recordation, this instrument was found to be inadequate for the best photographic reproduction because of illegibility, carbon or photo copy, discolored paper, etc. All blackouts, additions and changes were present at the time the instrument was filed and recorded.

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

MAY - 7 2010



Dorely B. Kayman
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 herein by me, and was duly RECORDED, in the Official Public Records of Real Property of Harris County, Texas on

APR 16 2010



Dorely B. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

Dorely B. Kayman
COUNTY CLERK
HARRIS COUNTY, TEXAS

2010 MAY - 7 AM 11: 25

FILED

TRACT 1

0.8218 ACRE
35,798 SQUARE FEET
JOHN AUSTIN SURVEY
ABSTRACT NO. 1
CITY OF HOUSTON
HARRIS COUNTY, TEXAS

FIELD NOTE DESCRIPTION of a 0.8218 acre (35,798 square foot) tract of land located in the John Austin Survey, Abstract Number 1, City of Houston, Harris County, Texas, said 0.8218 acre tract of land being the remainder of the called 1.6815 acre tract described deed to Crosby 2100, Ltd., recorded under Harris County Clerk's File Number (H.C.C.F. No.) Y368365, said 0.8218 acre tract being more particularly described by metes and bounds as follows: (The bearings described herein are oriented to the Texas Coordinate System, South Central Zone, NAD 1983.)

BEGINNING at a 5/8-inch iron rod found marking the southeast corner of the intersection of the southerly Right-of-Way (R.O.W.) line of Center Street (based on a width 75 feet) and the easterly R.O.W. line of Silver Street (based on a width of 50 feet), the northwest corner of said called 1.6815 acre tract and the herein described tract;

THENCE, South 85 degrees 01 minutes 45 seconds East, departing the easterly R.O.W. line of said Silver Street and along said southerly R.O.W. line of said Center Street, a distance of 181.91 feet, to a 5/8-inch iron rod with orange plastic cap stamped "West Belt Surveying Inc" set in the southerly R.O.W. line of said Center Street marking the northwest corner of the called 0.8613 acre tract described in the deed to Dittman on Washington, L.P., recorded under H.C.C.F. Nos. 20100150087, 20100187225 and 20100187226 acre tract and the northeast corner of the herein described tract;

THENCE, South 02 degrees 07 minutes 14 seconds East, departing the southerly R.O.W. line of Center Street, over and across aforesaid called 1.6815 acre tract and along the west line of said called 0.8613 acre tract, a distance of 199.73 feet, to an "X" cut in concrete set in the northerly R.O.W. line of Washington Avenue (based on a width of 80 feet) marking the southwest corner of said called 0.8613 acre tract and the southeast corner of the herein described tract;

THENCE, North 85 degrees 00 minutes 15 seconds West, along the northerly R.O.W. line of Washington Avenue, a distance of 179.39 feet, to an "X" cut in concrete found marking the northeast corner of the intersection of the northerly R.O.W. line of said Washington Avenue and the easterly R.O.W. line of aforesaid Silver Street, the southwest corner of aforesaid called 1.6815 acre tract and the herein described tract, from which a 1-inch iron pipe found bears, North 11 degrees 30 minutes West, 1.29 feet;

THENCE, North 02 degrees 50 minutes 29 seconds West, departing the northerly R.O.W. line of said Washington Avenue and along the easterly R.O.W. line of said Silver Street, a distance of 199.98 feet, to the POINT OF BEGINNING and containing a computed area of 0.8218 acre (35,798 square feet) of land as depicted on the Standard Land Survey dated: June 24, 2015, prepared by West Belt Surveying, Inc., Project No. S275-0001A.

TRACT 2

0.8605 ACRE
37,483 SQUARE FEET
JOHN AUSTIN SURVEY
ABSTRACT NO. 1
CITY OF HOUSTON
HARRIS COUNTY, TEXAS

FIELD NOTE DESCRIPTION of a 0.8605 acre (37,483 square foot) tract of land located in the John Austin Survey, Abstract Number 1, City of Houston, Harris County, Texas, said 0.8605 acre tract of land being all of the called 0.8613 acre tract described deed to Dittman on Washington, L.P. recorded under Harris County Clerk's File Number's (H.C.C.F. No.) 20100150087, 20100187225 and 20100187226, said 0.8605 acre tract being more particularly described by metes and bounds as follows: (The bearings described herein are oriented to the Texas Coordinate System, South Central Zone, NAD 1983.)

COMMENCING at a 5/8-inch iron rod found marking the southeast corner of the intersection of the southerly Right-of-Way (R.O.W.) line of Center Street (based on a width 75 feet) and the easterly R.O.W. line of Silver Street (based on a width of 50 feet) and the northwest corner of the remainder of a called 1.6815 acre tract described in the deed to Crosby 2100, Ltd., recorded under H.C.C.F. No. Y368365;

THENCE, South 85 degrees 01 minutes 45 seconds East, departing the easterly R.O.W. line of said Silver Street and along said southerly R.O.W. line of said Center Street, a distance of 181.91 feet, to a 5/8-inch iron rod with orange plastic cap stamped "West Belt Surveying Inc" set in the southerly R.O.W. line of said Center Street marking the POINT OF BEGINNING, the northwest corner of said called 0.8613 acre tract and the herein described tract;

THENCE, South 85 degrees 01 minutes 45 seconds East, continuing along said southerly R.O.W. line of Center Street, a distance of 188.60 feet, to a 1/2-inch iron rod found marking the northwest corner of the called 0.1923 acre tract described in the deed to Mark A. Holden and Stacy M. Holden, recorded under H.C.C.F. No. 20140331286, the northeast corner of said called 0.8613 acre tract and the herein described tract;

THENCE, South 02 degrees 23 minutes 33 seconds East, along the east line of said called 0.8613 acre tract, a distance of 199.94 feet, to the northerly R.O.W. line of Washington Avenue (based on a width of 80 feet), the southwest corner of the tract described in the deed to Richard Cortez, recorded under H.C.C.F. No. F399902, the southeast corner of said called 0.8613 acre tract and the herein described tract, from which a 1/2-inch iron rod bears North 62 degrees 07 minutes East, 0.74 feet;

THENCE, North 85 degrees 00 minutes 15 seconds West, along said northerly R.O.W. line of said Washington Avenue, a distance of 189.56 feet, an "X" cut in concrete set in the northerly R.O.W. line of said Washington Avenue marking the southwest corner of said called 0.8613 acre tract and the herein described tract;

THENCE, North 02 degrees 07 minutes 14 seconds West, departing the northerly R.O.W. line of said Washington Avenue, over and across aforesaid called 1.6815 acre tract and along the west line of said called 0.8613 acre tract, a distance of 199.73 feet, to the POINT OF BEGINNING and containing a computed area of 0.8605 acre (37,483 square feet) of land as depicted on the Standard Land Survey dated: June 24, 2015, prepared by West Belt Surveying, Inc., Project No. S275-0001A.

TRACT 3

0.6770 ACRE
29,490 SQUARE FEET
JOHN AUSTIN SURVEY
ABSTRACT NO. 1
CITY OF HOUSTON
HARRIS COUNTY, TEXAS

FIELD NOTE DESCRIPTION of a 0.6770 acre (29,490 square foot) tract of land located in the John Austin Survey, Abstract Number 1, City of Houston, Harris County, Texas, said 0.6770 acre tract of land being all of Washington Avenue (based on a width of 80 feet) contiguous to the remainder of a called 1.6815 acre tract described in the deed to Crosby 2100, Ltd., recorded under H.C.C.F. No. Y368365 and the called 0.8613 acre tract described deed to Dittman on Washington, L.P. recorded under Harris County Clerk's File Number's (H.C.C.F. No.) 20100150087, 20100187225 and 20100187226, said 0.8605 acre tract being more particularly described by metes and bounds as follows: (The bearings described herein are oriented to the Texas Coordinate System, South Central Zone, NAD 1983.)

BEGINNING at an "X" cut in concrete found marking the northeast corner of the intersection of the northerly Right-of-Way (R.O.W.) line of said Washington Avenue and the easterly R.O.W. line of Silver Street (based on a width of 50 feet), the southwest corner of said called 1.6815 acre tract and the northwest corner of the herein described tract;

THENCE, South 85 degrees 00 minutes 15 seconds East, departing the easterly R.O.W. line of said Silver Street and along said northerly R.O.W. line of said Washington Avenue, a distance of 368.95 feet, to the southwest corner of the tract described in the deed to Richard Cortez, recorded under H.C.C.F. No. F399902, the southeast corner of aforesaid called 0.8613 acre tract and the northeast corner of the herein described tract, from which a 1/2-inch iron rod found bears, North 62 degrees 07 minutes East, 0.74 feet;

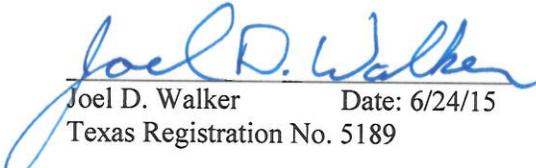
THENCE, South 02 degrees 23 minutes 33 seconds East, departing the northerly R.O.W. line of said Washington Avenue and over and across said Washington Avenue, a distance of 80.67 feet, to the southerly R.O.W. line of said Washington Avenue and the southeast corner of the herein described tract;

THENCE, North 85 degrees 00 minutes 15 seconds West, along the southerly R.O.W. line of said Washington Avenue, a distance of 368.31 feet, to the southwest corner of the herein described tract;

THENCE, North 02 degrees 50 minutes 29 seconds West, departing the southerly R.O.W. line of said Washington Avenue and over and across said Washington Avenue, a distance of 80.75 feet, to the POINT OF BEGINNING and containing a computed area of 0.6770 acre (29,490 square feet) of land as depicted on the Standard Land Survey dated: June 24, 2015, prepared by West Belt Surveying, Inc., Project No. S275-0001A.

West Belt Surveying, Inc.
Certified Firm No. 10073800
21020 Park Row
Katy, Texas 77449
(281) 599-8288




Joel D. Walker Date: 6/24/15
Texas Registration No. 5189

Appendix B – Property Use

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

Current and Anticipated Land Use of the Designated Property

The designated property consists of three parcels with three different owners totaling approximately 2.36 acres. One of the owners (Crosby 2100, Ltd.) is also a VCP Applicant. The parcels are described as follows:

- Two parcels of privately-owned commercially-developed land totaling approximately 1.68-acres are owned by related entities and addressed at 1812 Washington Avenue (Parcel 1) and 1814 Washington Avenue (Parcel 2). Parcel 1, approximately 0.8218-acres, is owned by Crosby 2100, Ltd., and Parcel 2, approximately 0.8605-acres, is owned by Dittman on Washington, Ltd., an entity related to Crosby 2100, Ltd as discussed in **Appendix A**. Parcels 1 and 2, totaling approximately 1.68-acres, are collectively known as 1807 Center Street (Tract 2 of the N. Merfish Supply Company Property).

Parcels 1 and 2 are described as Tracts 1 and 2, respectively, in the metes and bounds description included in **Appendix A**. Please note Tracts 1 and 2 described in the metes and bounds description do not correspond with Tracts 1 and 2 of the N. Merfish Supply Company Property. In this report, Tract 2 refers to Tract 2 of the N. Merfish Supply Company Property (Parcels 1 and 2) unless specifically stated to be Tract 2 as described in the metes and bounds description (Parcel 2).

- One parcel (Parcel 3) is a publicly-owned right-of-way (ROW): Washington Avenue (approximately 0.6770 acre) along the southern boundary of Tract 2 of the N. Merfish Supply Company Property. Parcel 3 is described as Tract 3 in the metes and bounds description included in **Appendix A**. Please note Tract 3 described in the metes and bounds description (Parcel 3) does not correspond with Tract 3 of the N. Merfish Supply Company Property. Tract 3 of the N. Merfish Supply Company Property is located north of the designated property and addressed as 1818 Center Street. In this report, Tract 3 refers to Tract 3 of the N. Merfish Supply Company Property unless specifically stated to be Tract 3 as described in the metes and bounds description (Parcel 3).

The designated property for the MSD application is located approximately 0.5 miles northwest of downtown Houston, Texas. The designated property is bordered to the north by Center Street followed by undeveloped land; to the south by privately-owned commercial land and residential properties; to the east by privately-owned commercial land and residential properties; and to the west by Silver Street followed by privately-owned commercial land. Plat maps and metes and bounds descriptions of the parcels of the designated property are included in **Appendix A**.

The western portion of the designated property is located in the Buffalo Bayou Watershed, and the eastern portion of the designated property is located in the White Oak Bayou Watershed. White Oak Bayou is a tributary to Buffalo Bayou located near downtown Houston. According to

the Federal Emergency Management Agency (FEMA) Federal Insurance Rate Map (FIRM) No. 48201C0670M (dated 6/9/2014), the designated property is classified as Zone X (unshaded) and is determined by FEMA to be outside the 0.2% annual chance floodplains. A watershed map and a FEMA floodplain map of the area containing the designated property are included as **Figures C.2** and **C.3**, respectively.

Approximately 95 percent of the commercial property is covered by an on-site building and gravel, concrete, or asphalt pavement. The public parcel (Washington Avenue) is covered by asphalt. The on-site commercial building, approximately 7,250 square feet (SF), was vacant until May 2015, and currently occupied by B&B Butchers and Restaurant. Other improvements to the subject property include a parking lot to the north, east, and west of the building, driveways and sidewalks. Tract 2 of the N. Merfish Supply Company Property is enrolled in the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) as VCP No. 1801 under the TCEQ Texas Risk Reduction Program (TRRP) for adverse environmental impacts which may be related to former on-site dry cleaning operations. Therefore, it is also referred to as the VCP Property. The former use of the VCP Property is further discussed in **Appendix J**.

Current and Anticipated Land Use of the Surrounding Properties

Properties in the vicinity of the designated property are mix of commercial and residential. Commercial properties and schools are located north and west of the designated property and commercial properties and single-family residences are located south and east of the designated property. A map detailing the land use of the surrounding properties within 500 feet of the designated property is presented as **Figure C.4**. The future land use in the area of the designated property is anticipated to remain mixed commercial and single-family residential.

Water Wells

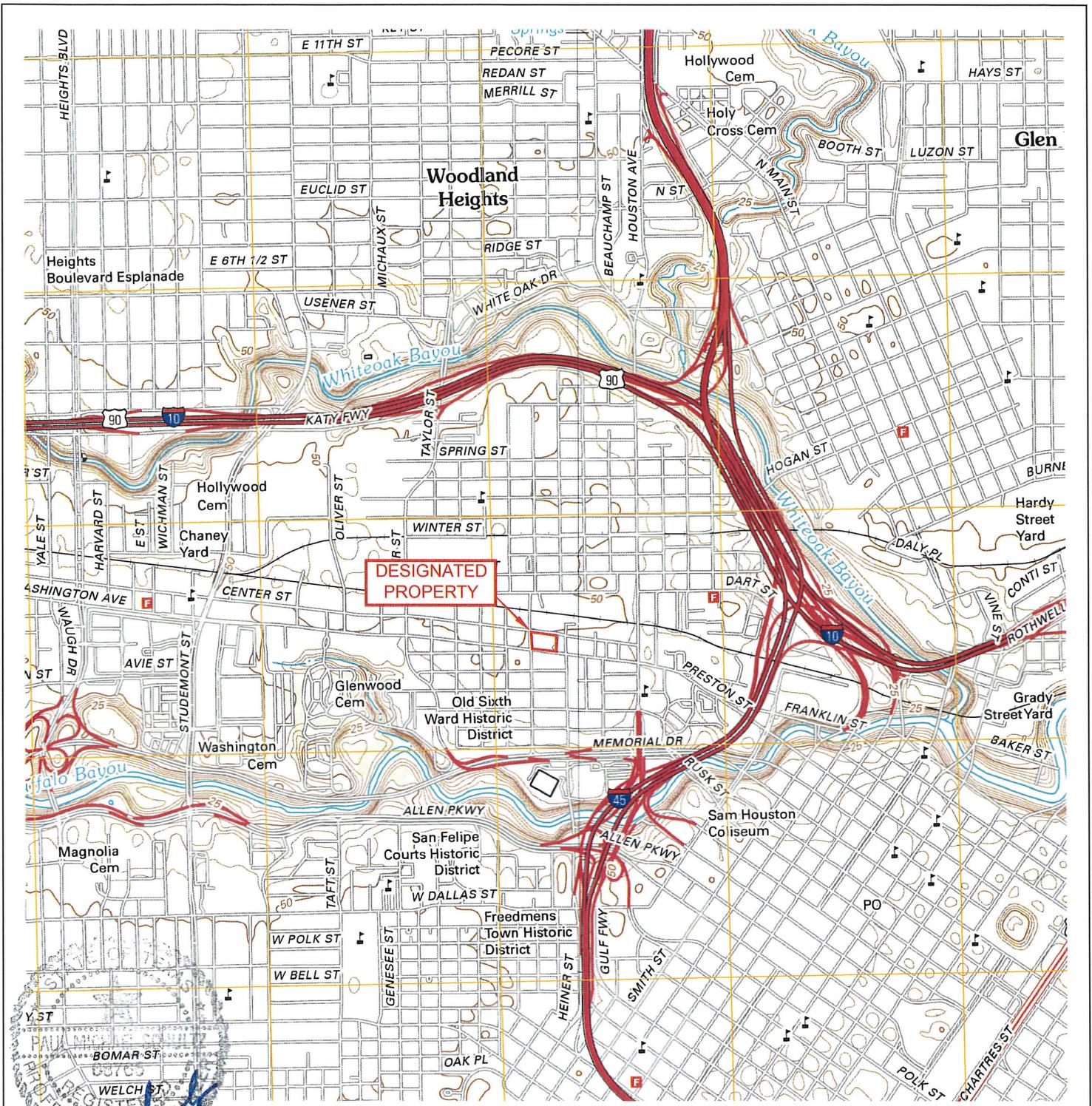
According to records obtained from GeoSearch Inc., approximately 791 registered/permitted water wells are reportedly located within a 5-mile radius of the designated property. Of these, 14 are reportedly located within a 0.5-mile radius of the designated property. However, 4 of these wells are reportedly plugged or destroyed, including the only downgradient well within a 0.5-mile radius of the designated property.

This former downgradient water well was owned by the City of Houston, and it is located approximately 0.46 miles southeast of the designated property. The remaining wells located within a 0.5-mile radius of the designated property are located crossgradient to upgradient of the designated property and/or are screened at depths greater than 463 feet. As such, these potable water wells are not likely to be affected by contaminants present in soil or groundwater at the designated property, as there are no soil plumes and the groundwater plume is stable and delineated on the designated property.

Appendix C – Site Maps

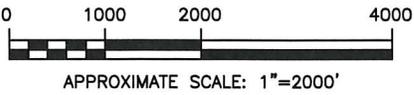
The following figures are included in **Appendix C**:

- Figure C.1 Site Vicinity and Topographic Map
- Figure C.2 Watershed Map
- Figure C.3 Floodplain Map
- Figure C.4 Surrounding Land Use Map
- Figure C.5 Soil and Groundwater Sample Location Map
- Figure C.6A Groundwater Gradient Map – July 23, 2013
- Figure C.6B Groundwater Gradient Map – October 2, 2013
- Figure C.6C Groundwater Gradient Map – November 18, 2014
- Figure C.7 Groundwater Protective Concentration Level Exceedance Zone Map



M. Stitt

REFERENCE USGS 7.5-MINUTE TOPOGRAPHIC QUADRANGLE MAP
HOUSTON HEIGHTS AND SETTEGAST, TEXAS
2013



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

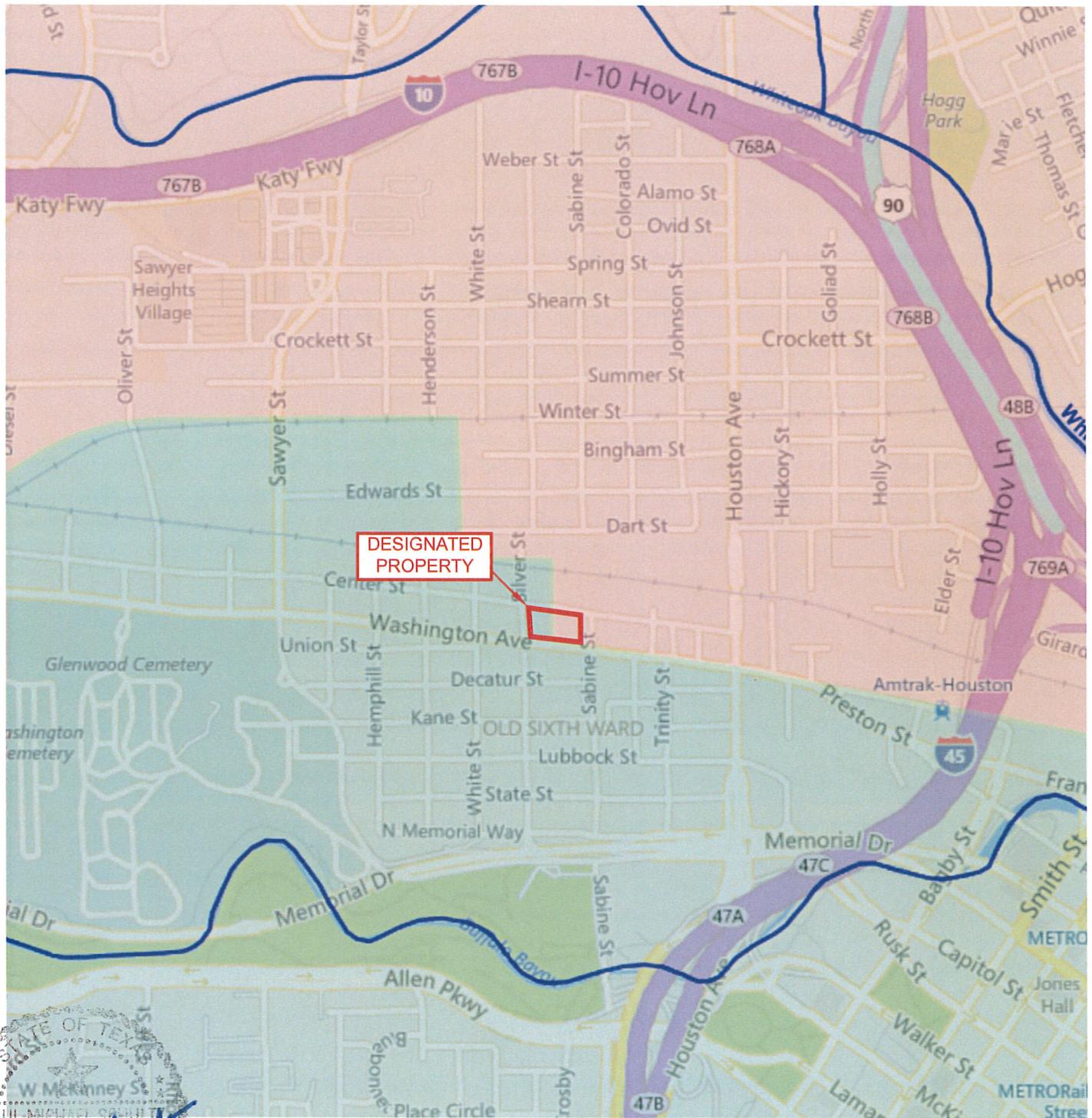
SITE VICINITY AND TOPOGRAPHIC MAP

FIGURE
C.1

CITY OF HOUSTON
MUNICIPAL SUPPLY DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801



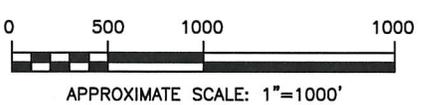
DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	5-1-06	DRAWN BY:	ELM	
2	SECOND REVISION	10-17-07	CHECKED BY:	TCR	
3	THIRD REVISION	-	APPROVED BY:	JRM	



**DESIGNATED
PROPERTY**

STATE OF TEXAS
PAUL MICHAEL SCHULTZ
PROFESSIONAL
GEOGRAPHER
MSK

LEGEND
 WHITE OAK BAYOU WATERSHED
 BUFFALO BAYOU WATERSHED



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

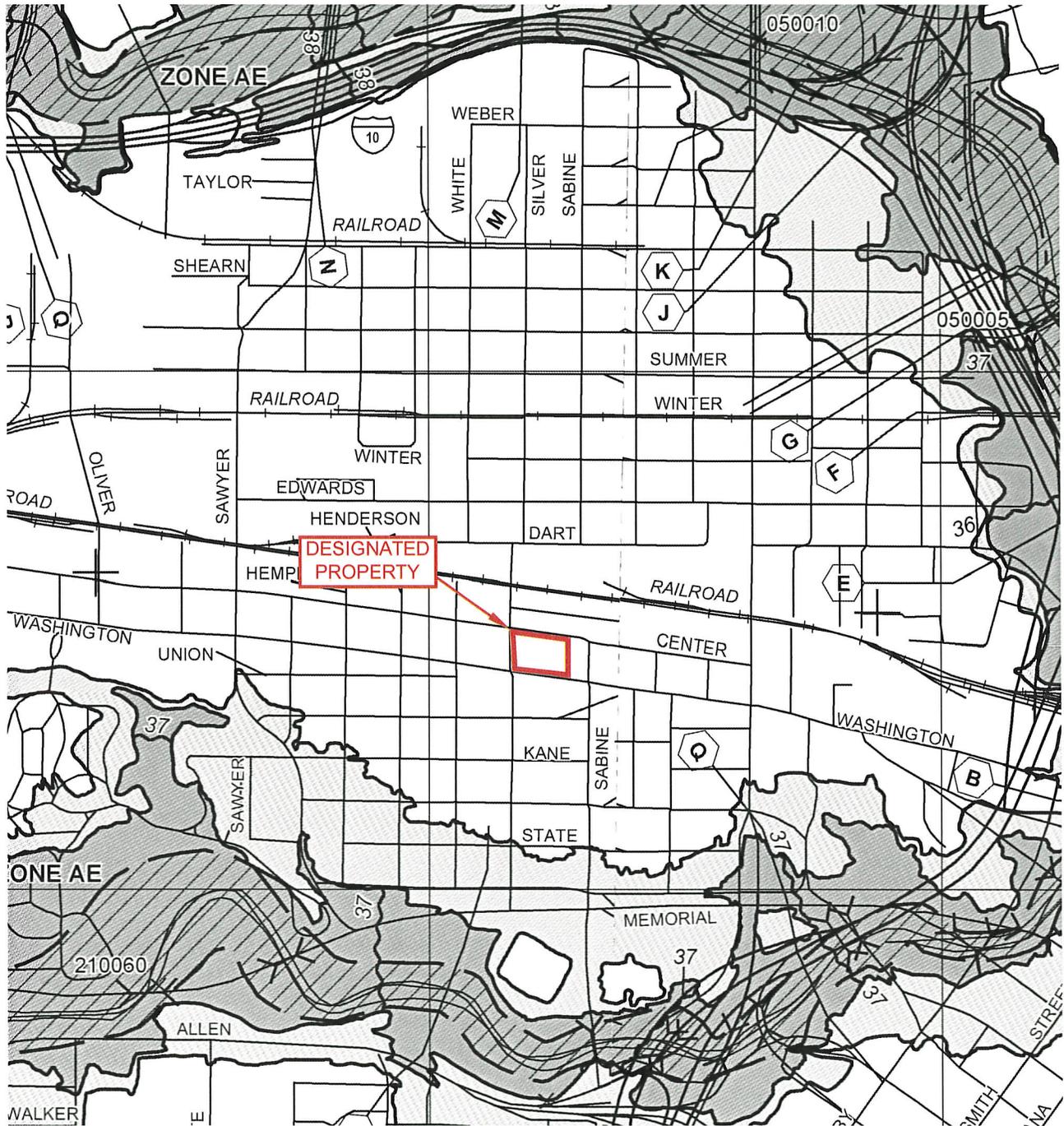
WATERSHED MAP

FIGURE
C.2

CITY OF HOUSTON
MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801



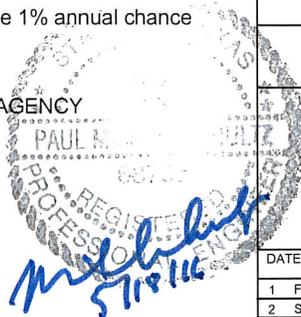
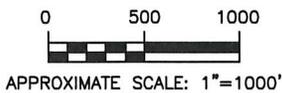
DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	5-1-06	DRAWN BY:	ELM	
2	SECOND REVISION	10-17-07	CHECKED BY:	TCR	
3	THIRD REVISION	-	APPROVED BY:	JRM	



EXPLANATION:

- Zone X (Unshaded) - Areas determined to be outside the 0.2% annual chance floodplains.
- Zone X (Shaded) - Areas determined to be between 0.2% and 0.1% annual chance floodplains.
- Zone AE - Areas subject to inundation by the 1% annual chance flood event.

FEDERAL EMERGENCY MANAGEMENT AGENCY
 HARRIS COUNTY, TEXAS
 MAP NO.: 48201C0670M (6/9/2014)



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

Texas Registered Engineering Firm F-005009
 Texas Registered Geoscience Firm 50011

FLOODPLAIN MAP

CITY OF HOUSTON
 MUNICIPAL SETTING DESIGNATION APPLICATION
 N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
 1807 CENTER STREET
 HOUSTON, HARRIS COUNTY, TEXAS
 VCP NO. 1801

FIGURE
C.3



DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	-	DRAWN BY:	ELM	
2	SECOND REVISION	-	CHECKED BY:	TCR	
3	THIRD REVISION	-	APPROVED BY:	JRM	

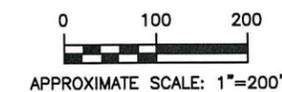


LEGEND

- DESIGNATED PROPERTY BOUNDARY
- ROADS
- 500' RADIUS
- RAILROAD

PARCEL LAND USE

- COMMERCIAL/INDUSTRIAL
- RESIDENTIAL
- VACANT
- OTHER LAND USES
(E.G. SCHOOLS, CHURCHES)



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

SURROUNDING LAND USE MAP

FIGURE
C.4

CITY OF HOUSTON
MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	-		DRAWN BY:	ELM
2	SECOND REVISION	-		CHECKED BY:	TCR
3	THIRD REVISION	-		APPROVED BY:	JRM





- LEGEND**
- VCP PROPERTY BOUNDARY
 - - - DESIGNATED PROPERTY BOUNDARY
 - FORMER UST SYSTEM
 - ON-SITE BUILDING
 - - - FORMER ON-SITE BUILDING
 - x x x CHAIN-LINK FENCE
 - SB-1 SOIL BORING LOCATION
 - MW-1 MONITORING WELL LOCATION
 - MW-15 DESTROYED MONITORING WELL LOCATION
 - TMW-1 FORMER TEMPORARY MONITORING WELL LOCATION

0 30 60
APPROXIMATE SCALE: 1"=60'

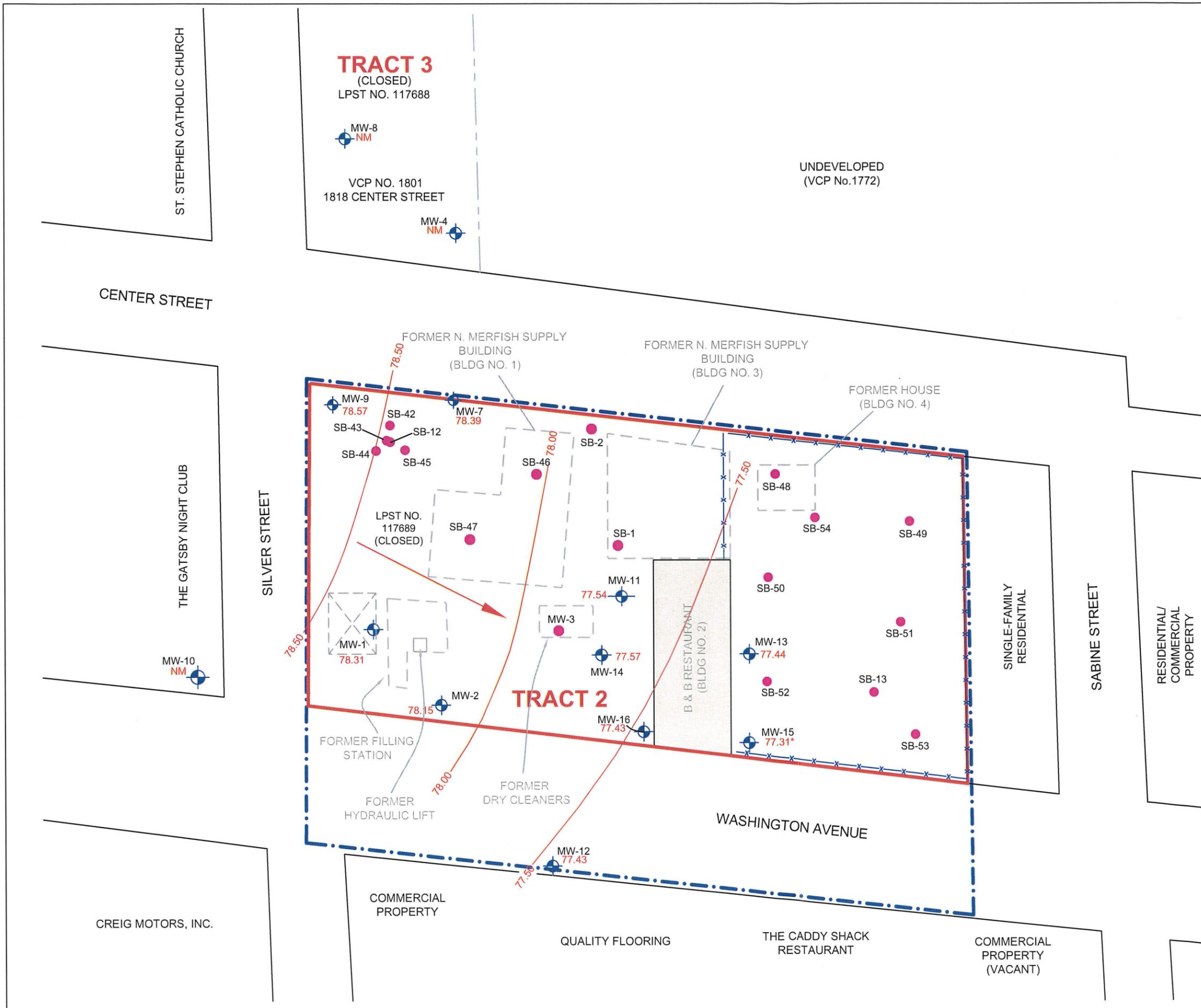
oska SKA CONSULTING, L.P.
1888 STEBBINS DR., SUITE 100
HOUSTON, TEXAS 77043

SOIL AND GROUNDWATER SAMPLE LOCATION MAP

FIGURE C.5

CITY OF HOUSTON
MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	-	DRAWN BY:	ELM	
2	SECOND REVISION	-	CHECKED BY:	TCR	
3	THIRD REVISION	-	APPROVED BY:	JRM	



LEGEND

- VCP PROPERTY BOUNDARY
- - - DESIGNATED PROPERTY BOUNDARY
- FORMER UST SYSTEM
- ON-SITE BUILDING
- FORMER ON-SITE BUILDING
- CHAIN-LINK FENCE
- SB-1 SOIL BORING LOCATION
- MW-1 MONITORING WELL LOCATION
- 77.44 GROUNDWATER ELEVATION
- 77.31* GROUNDWATER ELEVATION NOT UTILIZED FOR GROUNDWATER GRADIENT
- 78.50 GROUNDWATER GRADIENT CONTOUR
- GROUNDWATER FLOW DIRECTION

NOTE: FORMER TEMPORARY MONITORING WELLS NOT SHOWN.

APPROXIMATE SCALE: 1"=60'

PAUL MICHAEL SCHULTZ
REGISTERED PROFESSIONAL ENGINEER
5/18/16

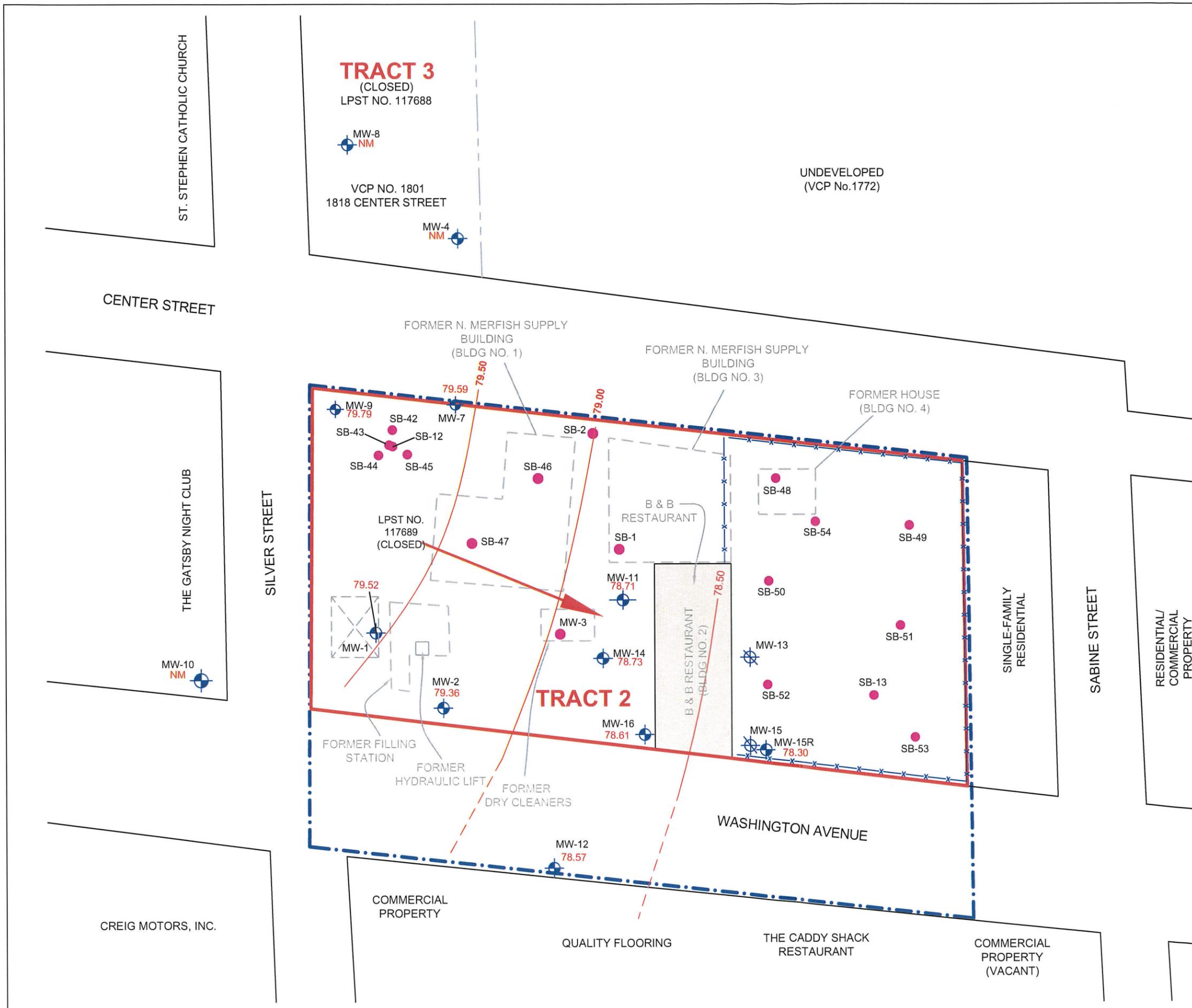
SKA CONSULTING, L.P.
1888 STEBBINS DR., SUITE 100
HOUSTON, TEXAS 77043

GROUNDWATER GRADIENT MAP
JULY 23, 2013

CITY OF HOUSTON
MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

DATE: MAY 2016	JOB NO: 2002-0036	SCALE: AS SHOWN
1 FIRST REVISION	-	DRAWN BY: ELM
2 SECOND REVISION	-	CHECKED BY: TCR
3 THIRD REVISION	-	APPROVED BY: JRM

FIGURE
C.6A



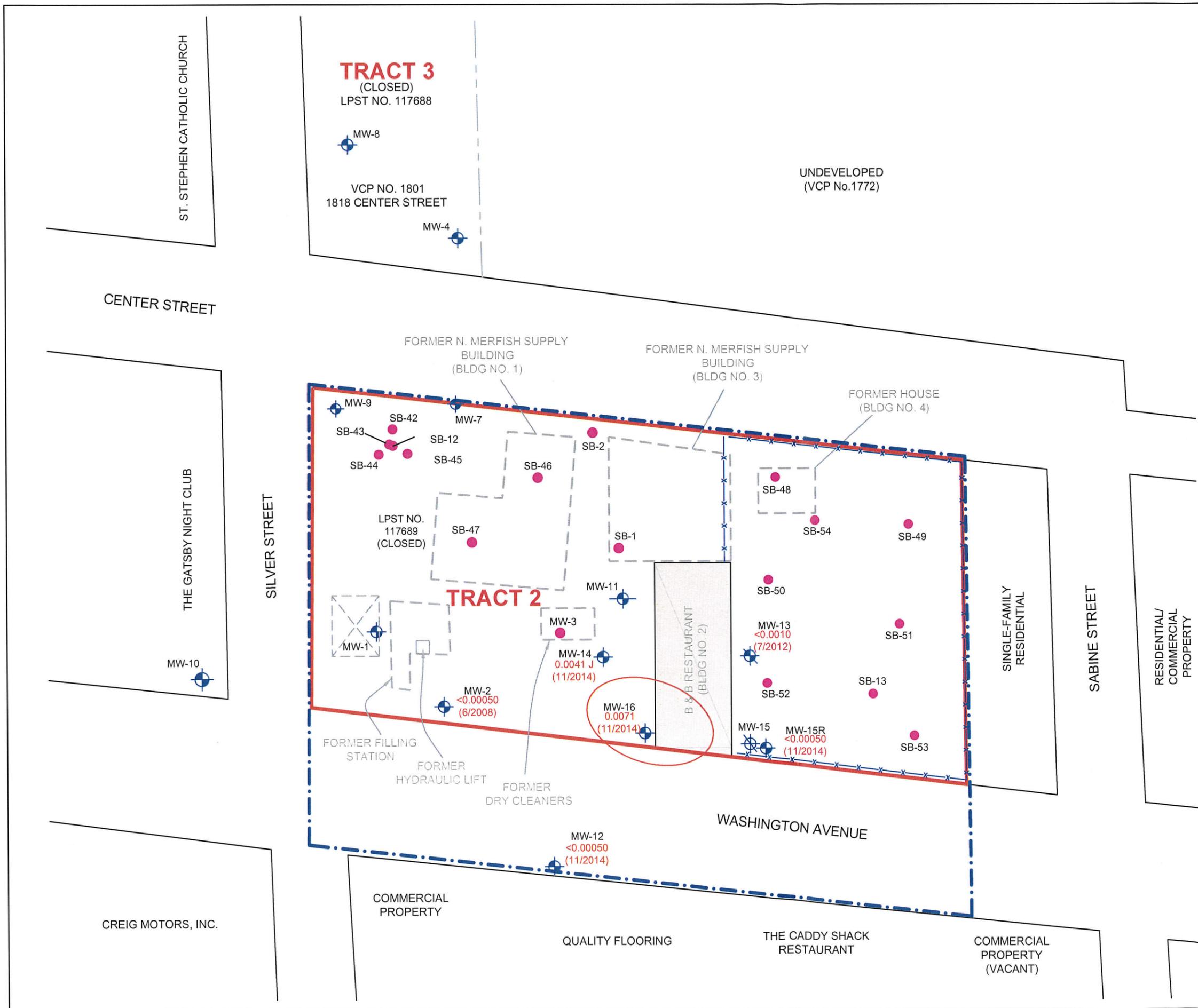
- LEGEND**
- VCP PROPERTY BOUNDARY
 - · - · - DESIGNATED PROPERTY BOUNDARY
 - FORMER UST SYSTEM
 - ON-SITE BUILDING
 - - - FORMER ON-SITE BUILDING
 - x x x x CHAIN-LINK FENCE
 - SB-1 SOIL BORING LOCATION
 - MW-1 MONITORING WELL LOCATION
 - MW-15 DESTROYED MONITORING WELL LOCATION
 - 79.79 GROUNDWATER ELEVATION
 - 79.50 GROUNDWATER GRADIENT CONTOUR
 - GROUNDWATER FLOW DIRECTION

NOTE: FORMER TEMPORARY MONITORING WELLS NOT SHOWN.

APPROXIMATE SCALE: 1"=60'

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

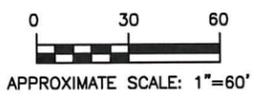
GROUNDWATER GRADIENT MAP		FIGURE C.6C
NOVEMBER 18, 2014		
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2 1807 CENTER STREET HOUSTON, HARRIS COUNTY, TEXAS VCP NO. 1801		
DATE: MAY 2016	JOB NO: 2002-0036	SCALE: AS SHOWN
1 FIRST REVISION	-	DRAWN BY: ELM
2 SECOND REVISION	-	CHECKED BY: TCR
3 THIRD REVISION	-	APPROVED BY: JRM



LEGEND

	VCP PROPERTY BOUNDARY
	DESIGNATED PROPERTY BOUNDARY
	FORMER UST SYSTEM
	ON-SITE BUILDING
	FORMER ON-SITE BUILDING
	CHAIN-LINK FENCE
	SOIL BORING LOCATION
	MONITORING WELL LOCATION
	DESTROYED MONITORING WELL LOCATION
	TRICHLOROETHENE (TCE) PCLE ZONE

NOTES:
 1. THE MOST RECENT ANALYTICAL RESULTS FOR TCE ARE DEPICTED IN RED FOR EACH MONITORING WELL, ALONG WITH THE SAMPLE DATE IN PARENTHESES.
 2. TCE CONCENTRATIONS ARE IN MILLIGRAMS PER LITER (mg/L)
 3. FORMER TEMPORARY MONITORING WELLS NOT SHOWN.



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

GROUNDWATER PROTECTIVE CONCENTRATION LEVEL EXCEEDANCE (PCLE) ZONE MAP

FIGURE
C.7

CITY OF HOUSTON
 MUNICIPAL SETTING DESIGNATION APPLICATION
 N. MERFISH SUPPLY COMPANY PROPERTY-TRACT 2
 1807 CENTER STREET
 HOUSTON, HARRIS COUNTY, TEXAS
 VCP NO. 1801

DATE:	MAY 2016	JOB NO:	2002-0036	SCALE:	AS SHOWN
1	FIRST REVISION	-	DRAWN BY:	ELM	
2	SECOND REVISION	-	CHECKED BY:	TCR	
3	THIRD REVISION	-	APPROVED BY:	JRM	



Appendix D – COCs in Designated Groundwater

Initial groundwater sampling and analysis activities indicated nine COCs were historically present in the shallow GWBU at the designated property: arsenic, barium, benzene, 1,1-DCE, ethylbenzene, lead, TCE, TPH, and 1,2,4-trimethylbenzene. While arsenic, benzene, ethylbenzene, TPH, and 1,2,4-trimethylbenzene were detected in concentrations exceeding applicable PCLs in groundwater, these are not considered PCL exceedances under TRRP as these are attributed to a former Leaking Petroleum Storage Tank (LPST [LPST ID No. 117689]) site located on the southwestern portion of the subject property, as well as a former LPST site (LPST ID No. 117688) located adjacently north of the designated property at 1818 Center Street (Tract 3). Lead was only detected in groundwater above the TRRP groundwater ingestion PCL from one monitoring well during sampling events in 2005 through early 2007. Lead is not considered a COC in groundwater because subsequent groundwater sampling events in late 2007 and 2008 indicated lead in groundwater was below the groundwater ingestion PCL. The TPH and petroleum-related constituents in groundwater (benzene, ethylbenzene, and 1,2,4-trimethylbenzene) are the direct result of a release from the former underground storage tank (UST) systems associated with these LPST sites. Consequently, the presence of the petroleum hydrocarbons in groundwater caused reducing conditions at the site, which resulted in the mobilization of naturally-occurring arsenic in soils within the vicinity of the groundwater hydrocarbon plumes. Documentation of the mobilization of naturally-occurring arsenic in soil was presented to the TCEQ in a letter dated June 18, 2010, and is included as **Attachment 1**. Based on the information in **Attachment 1**, the TCEQ granted regulatory closure to both the on-site and north-adjacent LPST sites in March 2009; therefore, the aforementioned contaminants (arsenic, benzene, ethylbenzene, TPH, and 1,2,4-trimethylbenzene) are not considered COCs at the designated property. The TCEQ closure letters for Tracts 2 and 3 are included in **Attachment 2**.

Barium was only detected above its TRRP ^{GW}GW_{ing} PCL in monitoring well MW-12, which is not located on the VCP Property. Furthermore, no potential source areas for barium were identified on the VCP Property, indicating that the detected barium is from an off-site source. As such, barium is not considered a COC for the designated property.

In addition, while 1,1-DCE was detected previously at concentrations which exceeded its applicable TRRP 1 Tier 1 groundwater ingestion PCL, the most recent groundwater analytical results indicate that concentrations of 1,1-DCE (0.0068 mg/L) no longer exceeds the applicable critical TRRP groundwater ingestion PCL of 0.007 mg/L. Therefore, TCE is the only COC detected with a concentration exceeding its applicable TRRP Tier 1 groundwater ingestion PCL at the designated property.

A brief summary discussion regarding the COC currently present in the groundwater of the designated property follows. Maps showing the current locations and concentrations of TCE in the shallow GWBU are provided in **Appendix C** and summary tables of all groundwater sampling and analysis results obtained for the designated property are provided in **Appendix G** as **Tables G.1** and **G.2**.

Ingestion PCLE Zone in Designated Groundwater

The results of the groundwater sampling and analytical testing from the designated property indicate TCE is present in the shallow GWBU in excess of the COC's applicable TRRP Tier 1

Residential ^{GW}GW_{ing} PCL. The groundwater gauging data collected from permanent monitoring wells within the designated property indicates groundwater in the shallow GWBU flows to the southeast (**Figures C.6A through C.6C**). To delineate the downgradient extent of the PCLE Zone, permanent monitoring well MW-15R was installed and sampled in November 2014, as monitoring well MW-15 was destroyed when the eastern portion of the VCP Property was repaved as a surface parking lot.

Further discussion regarding the TRRP groundwater ingestion PCLE zone follows. The location of the groundwater PCLE zone is shown on **Figure C.7** in **Appendix C**.

TCE PCLE Zone

The most recent groundwater monitoring data indicates the existence of a TCE groundwater ingestion PCLE zone in the shallow GWBU located in the south-central portion of the designated property (**Figure C.7**). The maximum concentration of TCE (0.025 mg/L) detected in groundwater from the designated property was detected in groundwater samples collected from monitoring well MW-16 in July 2013. The most recent TCE concentration detected in groundwater from MW-16 was 0.0071 mg/L in November 2014. While comparison of TCE concentrations from monitoring well MW-16 over time indicate substantially decreasing COC concentrations, the most recent TCE concentration still exceeds the critical TRRP Groundwater Ingestion PCL of 0.005 mg/L.

The TCE PCLE zone encompasses approximately 13,060 square feet (SF) and is comprised of monitoring well MW-16 (**Figure C.7**). Concentrations of TCE in excess of the TRRP groundwater ingestion PCL were detected in monitoring well MW-14 during sampling events from June 2009 until October 2013. However, the most recent sampling event indicates that the concentration of TCE (0.0041 J mg/L) has decreased in monitoring well MW-14 to less than the applicable TRRP ^{GW}GW_{ing} PCL for TCE of 0.005 mg/L. As such, monitoring well MW-14 is not included in the TCE PCLE zone.

The TCE PCLE zone is delineated laterally by monitoring wells MW-11, MW-13, MW-15R, MW-12, and MW-2 to the north, northeast, east, south, and west, respectively (**Figure C.7**). **Figure C.6C** indicates that monitoring well MW-15R is the most downgradient monitoring well for the designated property and delineates the TCE PCLE Zone.

The COC (TCE) detected in the PCLE Zone is a chlorinated ethene based on the ethene molecular structure (two double-bonded carbon atoms). TCE is present in the groundwater in the dissolved-phase and no direct evidence of non-aqueous phase liquid (NAPL) has been observed or detected. Due to its high density, TCE NAPL is considered a dense non-aqueous phase liquid (DNAPL). DNAPL-phase COCs have a tendency to migrate vertically and “sink” in GWBUs. Typically, dissolved-phase COCs preferentially migrate with groundwater flow. However, DNAPLs, when present, can migrate along the dip of geologic contacts, possibly counter to groundwater flow. Some monitoring wells installed at the designated property fully penetrate the shallow GWBU (including monitoring wells MW-14 and MW-16, which have exhibited detectable concentrations of TCE), but DNAPL has not been observed. While not fully penetrating, monitoring well MW-12 was sampled at the bottom of the screen interval to ensure the maximum concentration of TCE would be detected; DNAPL was also not observed in this well.

Non-Ingestion PCLE Zone in Designated Groundwater

The only COC detected in the shallow GWBU which currently exceeds its applicable TRRP groundwater ingestion PCLs is TCE, which did not exceed its applicable TRRP non-ingestion groundwater PCL (TRRP Tier 1 Residential ^{Air}GW_{Inh-v} PCLs) of 24 mg/L (TCE). As such, no TRRP non-ingestion groundwater PCLE zones exist at the designated property. Additionally, vapor intrusion from the TCE contaminant plume in groundwater is unlikely based on the low TCE concentrations in groundwater (most recent concentration of 0.0071 mg/L in monitoring well MW-16) relative to the concentrations necessary to cause a threat to indoor air (24 mg/L).

Appendix E – Summary of Soil and Groundwater Data

Summary of Soil Data

Soil sampling and analysis results obtained for soil samples collected from the designated property indicate that two COCs (arsenic and lead) were detected in excess of their respective TRRP Tier 1 soil-to-groundwater ingestion PCLs (TRRP Tier 1 residential ^{GW}Soil_{Ing} PCLs) in soil boring SB-12, located on the northwestern portion of the designated property. Utilizing site-specific pH, TRRP Tier 2 soil-to-groundwater ingestion PCLs were calculated for arsenic and lead in soil on the designated property. Neither arsenic nor lead exceeded the calculated site-specific TRRP Tier 2 soil-to-groundwater ingestion PCLs. Benzene, toluene, and other related volatile organic compounds (VOCs) commonly attributed to LPST sites were also detected in soils on the designated property from temporary monitoring well TMW-1 (located in the vicinity of the former on-site LPST site); however, the COCs were below the applicable TRRP Tier 1 soil-to-groundwater PCLs. Therefore, there are no surface or subsurface soil PCLE zones on the designated property.

The TRRP Tier 1 and 2 PCLs utilized for soils to determine the designated property's soil-to-groundwater ingestion and non-ingestion PCLE zones are included in **Table G.1**. A summary of maximum soil concentrations compared to both soil-to-groundwater ingestion PCLs and non-ingestion PCLs are included in **Table E.1**.

None of the contaminants detected in the soil at the designated property exceed their applicable TRRP non-ingestion soil PCLs (^{Tot}Soil_{Comb}) PCLs for surface soils and soil-to-air inhalation PCLs (^{Air}Soil_{Inh-v} PCLs) for subsurface soils. As such, no TRRP non-ingestion soil PCLE zones exist at the designated property.

Summary of Groundwater Data

As previously discussed and detailed in **Appendix D**, initial groundwater sampling and analysis activities performed to date have revealed detectable concentrations of arsenic, barium, benzene, 1,1-DCE, ethylbenzene, lead, TCE, TPH, and 1,2,4-trimethylbenzene in the groundwater of the designated property in excess of their respective TRRP groundwater ingestion PCLs. While arsenic, benzene, ethylbenzene, TPH, and 1,2,4-trimethylbenzene were detected above applicable PCLs in groundwater, they are not considered COCs for the designated property as they are attributed to the previously-described former LPST site located on the southwestern portion of the VCP Property and the former LPST site located adjacently north of the designated property. Lead is not considered a COC in groundwater for the designated property as it only exceeded its TRRP ^{GW}GW_{Ing} PCL in monitoring well MW-2 in groundwater sampling events conducted from 2005 to early 2007. Subsequent lead detections were below its TRRP ^{GW}GW_{Ing} PCL. Also, barium is not considered a COC for the designated property, as it was only detected above the TRRP groundwater ingestion PCL in monitoring well MW-12, which is not located on the VCP property. Furthermore, no potential source areas for barium were identified on the VCP property, indicating that the detected barium is from an off-site source. In addition, while 1,1-DCE was historically a constituent of the groundwater PCLE zone, the most recent groundwater analytical results indicate that concentrations of 1,1-DCE (0.0068 mg/L) no longer exceed the applicable critical TRRP groundwater ingestion PCL of 0.007 mg/L. Therefore, there is only one COC (TCE) currently above TRRP Tier 1 groundwater ingestion PCLs in the shallow GWBU at the designated property.

None of the COCs detected in the shallow GWBU exceed their applicable TRRP non-ingestion groundwater PCLs (TRRP Tier 1 residential ^{Air}GW_{Inh-v} PCLs). As such, no TRRP non-ingestion groundwater PCLE zones exist at the designated property.

Summary tables showing the maximum concentrations of COCs detected in groundwater at the designated property in excess of their respective TRRP groundwater ingestion PCLs are provided in **Table E.2**. Included with the maximum COC concentrations detected in groundwater in **Table E.2** are the COC's applicable TRRP PCLs for both ingestion and non-ingestion exposure pathways.

The COC (TCE) in groundwater on the designated property that currently exceeds its respective TRRP groundwater ingestion PCL (the critical TRRP PCLs without an MSD) is indicated in **Table E.2** and is highlighted yellow. No COCs currently exceed their respective TRRP non-ingestion PCLs (critical TRRP PCLs with an MSD).

Complete summaries of all sampling and analysis results for soil and groundwater samples collected from the designated property are provided in **Tables G.1** and **G.2**, respectively. The locations of all soil and groundwater sampling points are presented on **Figure C.5** in **Appendix C**.

**TABLE E.1
SUMMARY OF MAXIMUM SOIL CONCENTRATIONS
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY – TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801**

CHEMICALS OF CONCERN	MAXIMUM SOIL CONCENTRATION				CRITICAL TRRP TIER 1 RESIDENTIAL SOIL PROTECTIVE CONCENTRATION LEVEL (PCL)	
	Sample ID	Sample Depth	Sample Date	Detected Concentration (mg/kg)	Ingestion PCL (Without MSD)	Non-Ingestion PCL (With MSD)
					^{GW} Soil _{ing} (mg/kg)	^{Tot} Soil _{Comb} (mg/kg)
Acetone	SB-46	2.5-5	6/10/09	0.048	43	600,000
Arsenic	SB-12	9-10	10/26/05	7.93	12.8*	24
Barium	SB-49	0-0.5	10/27/09	410	440	8,100
Benzene ⁶	TMW-1	7.5-10	12/9/04	0.006	0.026	160
Beryllium	SB-46	2.5-5	6/10/09	0.762	1.8	38
Cadmium	SB-48	0-0.5	10/27/09	0.427	1.5	52
Chromium	SB-49	0-0.5	10/27/09	13.8	2,400	33,000
Copper	SB-46	2.5-5	6/10/09	6.31	1,000	1,300
Ethylbenzene ⁶	TMW-1	22.5-25	12/9/04	0.019	7.6	6,400
Lead	SB-49	0-0.5	10/27/09	176	500*	500
Mercury	SB-48	0-0.5	10/27/09	0.335	8.3	16
Methylene chloride	SB-46	2.5-5	6/10/09	0.00556	0.013	13,000
Methyl tert-butyl ether ⁶	TMW-1	7.5-10	12/9/04	0.017	0.62	1,400
Naphthalene ⁶	SB-47	2.5-5	6/10/09	0.0025	31	270
Nickel	SB-46	10-12.5	6/10/09	7.51	160	840
Selenium	SB-12	9-10	10/26/05	2.27	2.3	310
Silver	SB-49	0-0.5	10/27/09	0.153	0.48	97
Thallium	SB-46	10-12.5	6/10/09	0.217	1.7	6.3
Toluene ⁶	TMW-1	7.5-10	12/9/04	0.12	8.2	63,000
TPH ⁶ (C ₆ to C ₁₂)	TMW-1	22.5-25	12/9/04	38	65	1,300
Total Xylenes ⁵	TMW-1	22.5-25	12/9/04	0.05	120	9,400
Zinc	SB-46	2.5-5	6/10/09	17.4	2,400	9,900

NOTES:

- 1) "--" indicates not applicable.
- 2) "*" indicates site specific Tier 2 soil-to-groundwater ingestion PCL.
- 3) COCs highlighted in yellow exceed the critical TRRP Tier 1 Residential Soil PCL (applicable TRRP Tier 1 Residential Soil Ingestion PCL) without an MSD; but do not exceed the critical TRRP Tier 1 Residential Soil PCL (applicable TRRP Tier 1 Residential Soil Non-Ingestion PCL) with an MSD.
- 4) COCs highlighted in green exceed the critical TRRP Tier 1 Residential Soil PCL (applicable TRRP Tier 1 Residential Soil Non-Ingestion PCL) with an MSD.
- 5) The benzene, ethylbenzene, MTBE, naphthalene, toluene, total petroleum hydrocarbons (TPH), and total xylenes detections are attributed to a former LPST site (LPST ID No. 117689) previously located on Tract 2 of the N. Merfish Supply Company Property, as well as a former LPST site (LPST ID No. 117688) previously located adjacently north of the designated property at 1818 Center Street. The LPST sites were closed as Priority 4.1 sites in March 2009, and no further assessments or actions are needed. Therefore, ingestion PCLs for these COCs do not apply.

**TABLE E.2
SUMMARY OF MAXIMUM GROUNDWATER CONCENTRATIONS
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY PROPERTY – TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801**

CHEMICALS OF CONCERN	GROUNDWATER-BEARING UNIT	MAXIMUM GROUNDWATER CONCENTRATION			CRITICAL TRRP TIER 1 RESIDENTIAL GROUNDWATER PROTECTIVE CONCENTRATION LEVEL (PCL)	
		Sample ID	Sample Date	Detected Concentration (mg/L)	Ingestion PCL (Without MSD)	Non-Ingestion PCL (With MSD)
					^{GW} GW _{ing} (mg/L)	^{Air} GW _{Inh-V} (mg/L)
Arsenic ⁶	Shallow	MW-12	6/5/08	0.285	0.01	--
Barium ⁷	Shallow	MW-12	6/5/08	10.3	2.0	--
Benzene ⁶	Shallow	MW-2	11/8/05	9.5	0.005	180
1,1-Dichloroethene	Shallow	MW-14	4/4/12	0.028	0.007	1,700
Ethylbenzene ⁶	Shallow	MW-2	11/8/05	2.4	0.7	30,000
Lead ⁸	Shallow	MW-2	11/8/05	0.0187	0.015	--
Naphthalene ⁶	Shallow	MW-2	12/13/06	0.73	0.49	320
Total TPH ⁶ (C ₆ to C ₃₅)	Shallow	MW-2	11/27/07	22.8	0.98	1,800
Trichloroethene	Shallow	MW-16	7/23/13	0.025	0.005	24
1,2,4-Trimethylbenzene ⁶	Shallow	MW-2	11/8/05	2.1	1.2	190

NOTES:

- 1) "--" indicates not applicable.
- 2) Only contaminants of concern (COCs) that have historically exceeded or currently exceed their applicable critical TRRP Tier 1 Residential Groundwater PCLs shown on this table.
- 3) COCs highlighted in yellow were identified as COCs for the designated property and currently exceed the critical TRRP Tier 1 Residential Groundwater PCL (applicable TRRP Tier 1 Residential Groundwater Ingestion PCL) without an MSD; but do not exceed the critical TRRP Tier 1 Residential Groundwater PCL (applicable TRRP Tier 1 Residential Groundwater Non-Ingestion PCL) with an MSD.
- 4) COCs highlighted in green exceed the critical TRRP Tier 1 Residential Groundwater PCL (applicable TRRP Tier 1 Residential Groundwater Non-Ingestion PCL) with an MSD.
- 5) A PCL has not been established for total Total Petroleum Hydrocarbons (TPH) (C₆ to C₃₅). The most conservative residential PCLs for TPH were utilized in this table.
- 6) The arsenic, benzene, ethylbenzene, naphthalene, total petroleum hydrocarbons (TPH), and 1,2,4-trimethylbenzene detections are attributed to a former LPST site (LPST No. 117689) previously located on Tract 2 of the N. Merfish Supply Company Property, as well as a former LPST site (LPST ID No. 117688) previously located adjacently north of the designated property at 1818 Center Street. The LPST sites were closed as Priority 4.1 sites in March 2009, and no further assessments or actions are needed. Therefore, ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.
- 7) The barium detection occurred in MW-12, which is not located on the VCP property. In addition, no potential source areas for barium were identified on the VCP property, indicated that the detected barium is from an off-site source. No further assessments or actions are needed. Therefore, the ingestion PCL for barium does not apply, and is not considered a PCL exceedance.
- 8) The maximum lead detection in MW-2 occurred in 2005. Subsequent detections were below the TRRP Tier 1 groundwater ingestion PCL for lead. Therefore, lead is not considered a PCL exceedance for the property.

Appendix F – Off-Site Impacted Property Owners

As the groundwater PCLE zone is delineated on the designated property, there are no off-site property owners which have been impacted by the groundwater plume. Therefore, a list of off-site impacted property owners is not included in this MSD application.

Appendix G – Plume Stability

Soil and groundwater assessments and monitoring activities performed to date on the designated property have identified one distinct groundwater contaminant plume. No soil plumes have been identified at the designated property. The groundwater contaminant plume is composed of TCE and is located on the south-central portion of the designated property. The following sections provide discussions regarding the stability of the groundwater contaminant plume within the designated property.

Groundwater Plume

Assessment activities performed to date on the designated property have revealed one distinct chlorinated ethene groundwater plume consisting of TCE only, as shown on **Figure C.7**.

Chlorinated Ethene Plume

Evidence of a chlorinated ethene plume consisting of 1,1-DCE, cis-1,2-dichloroethene (cis-1,2-DCE), TCE, and vinyl chloride (VC) was detected in groundwater sampled from monitoring well MW-14 after installation in June 2009; however, only 1,1-DCE and TCE were detected above their respective TRRP groundwater ingestion PCLs. The plume was located downgradient of a former dry cleaning facility located on the south-central portion of the VCP Property. Monitoring well MW-16 was installed in April 2013 to delineate the chlorinated ethene plume, and the most recent groundwater sampling results indicate a single COC (TCE) in monitoring well MW-16 above its respective TRRP groundwater ingestion PCL (TRRP Tier 1 Residential^{GW}GW_{ing} PCLs). While 1,1-DCE and TCE were historically detected above their respective TRRP groundwater ingestion PCLs in monitoring well MW-14, concentrations of the COCs have been consistently decreasing since 2009. In addition, the most recent groundwater sampling event in November 2014 indicated concentrations of 1,1-DCE and TCE in monitoring well MW-14 were no longer in excess of their respective TRRP groundwater ingestion PCLs (TRRP Tier 1 Residential^{GW}GW_{ing} PCLs).

A graph of total chlorinated ethene concentrations in groundwater sampled from monitoring wells MW-14 and MW-16 is included to illustrate the decreasing nature of the chlorinated ethene plume in these wells (**Graph G.1**). The presence of TCE degradation products (1,1-DCE, cis-1,2-DCE, TCE, and VC) in monitoring wells MW-14 and/or MW-16 indicates that degradation (i.e. natural attenuation) of TCE is occurring.

No other monitoring wells on the designated property besides monitoring wells MW-14 and MW-16 have had detectable concentrations of TCE. As stated in **Appendix D**, the most recent groundwater gradient map (**Figure C.6C**) indicates that monitoring well MW-15R is the most downgradient monitoring well for the designated property, and COC concentrations from groundwater sampled at monitoring well MW-15R are below detectable levels. Therefore, the chlorinated ethene plume is delineated to the residential assessment level and contained within the designated property.

TABLE G.1
SOIL DATA SUMMARY - BTEX/MTBE, VOCs, AND SVOCs
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

Sample ID	Sample Depth (ft-bgs)	Sample Date	BTEX/MTBE					VOCs			SVOCs
			*Benzene (mg/kg)	*Toluene (mg/kg)	*Ethylbenzene (mg/kg)	*Total Xylenes (mg/kg)	*Methyl tert-butyl ether (mg/kg)	Acetone (mg/kg)	Methylene chloride (mg/kg)	* Naphthalene (mg/kg)	Semi-Volatile Organic Compounds (SVOCs) (mg/kg)
PERMANENT MONITORING WELLS											
MW-2	4-5	10/31/2005	-	-	-	-	-	0.039	<0.0013	<0.00061	-
	9-10	10/31/2005	-	-	-	-	-	0.011 J	<0.0013	<0.00061	-
MW-3*	4-5	11/1/2005	-	-	-	-	-	0.011 J	<0.0013	<0.00061	-
	9-10	11/1/2005	-	-	-	-	-	0.0067 J	<0.0013	<0.00061	-
MW-14	77.5-80	6/10/2009	-	-	-	-	-	0.021 J	0.0026	<0.00061	-
MW-15	10-12.5	4/14/2011	-	-	-	-	-	0.0057 J	0.0012	0.0015 J	-
	22.5-25	4/14/2011	-	-	-	-	-	<0.0023	<0.0011	<0.00056	-
MW-15R	22.5-25	11/14/2014	-	-	-	-	-	<0.0053	<0.0029	<0.00091	-
MW-16	78-80	4/25/2013	-	-	-	-	-	<0.0060	<0.0033	<0.0010	-
TEMPORARY MONITORING WELLS											
TMW-1	7.5-10	12/9/2004	0.006	0.12	0.013	0.028	0.017	-	-	-	-
	22.5-25	12/9/2004	0.00075 J	0.054	0.019	0.05	0.0091	-	-	-	-
TMW-2	30-32.5	12/8/2004	-	-	-	-	-	<0.00094	<0.0013	<0.00061	-
	37.5-40	12/8/2004	-	-	-	-	-	<0.00095	<0.0013	<0.00061	-
SOIL BORINGS											
SB-1	2.5-5	12/9/04	-	-	-	-	-	0.0067 J	<0.0013	<0.00061	ND
SB-2	2.5-5	12/9/04	-	-	-	-	-	<0.00092	<0.0013	<0.00061	ND
SB-12	4-5	10/26/05	-	-	-	-	-	0.031	<0.0013	<0.00061	-
	9-10	10/26/05	-	-	-	-	-	<0.0025	<0.0013	<0.00061	-
SB-13	4-5	10/26/05	-	-	-	-	-	<0.0026	<0.0013	<0.00061	-
	9-10	10/26/05	-	-	-	-	-	<0.0025	<0.0013	<0.00061	-
SB-46	2.5-5	6/10/2009	-	-	-	-	-	0.048	0.00556 J	<0.00061	-
	10-12.5	6/10/2009	-	-	-	-	-	0.019 J	0.0040 J	<0.00061	-
SB-47	2.5-5	6/10/2009	-	-	-	-	-	<0.0024	0.0040 J	0.0025 J	-
REGULATORY STANDARDS											
TCEQ TRRP Tier 1 Residential ^{Tot} Soil _{Comb} PCLs (0.5-acre source area)			120	5,900	6,400	6,000	800	66,000	1,600	220	--
TCEQ TRRP Tier 1 Residential ^{GW} Soil _{Ing} PCLs (0.5-Acre Source Area)			0.026	8.2	7.6	120	0.62	43	0.013	31	--
TCEQ TRRP Tier 1 Residential ^{Air} Soil _{Inh-V} PCLs (0.5-Acre Source Area)			160	63,000	29,000	9,400	1,400	600,000	13,000	270	--

Notes:

- "-" indicates not analyzed.
- "--" indicates not applicable.
- "mg/kg" represents milligrams per kilogram.
- "TCEQ" represents Texas Commission on Environmental Quality.
- "TRRP" represents Texas Risk Reduction Program.
- "VOCs" represents volatile organic compounds.
- "BTEX/MTBE" represents benzene, toluene, ethylbenzene, xylenes, and methyl tert-butyl ether.
- Only VOC analytes with at least one sample with a concentration above the laboratory reporting limit shown on this table.
- "ND" indicates no analytes detected.
- "**" indicates soil samples only were collected; the monitoring well was not installed.
- "<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).
- Bold values exhibit a concentration in excess of the laboratory SDL.
- "J" indicates that the target analyte was positively identified above the SDL but below the Method Quantitation Limit (MQL).
- Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs).
- TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 1: Tier 1 Residential Soil PCLs - dated March 4, 2016.
- *COCs with an asterisk are attributed to two former LPST sites (LPST Nos. 117688 and 117689). As these LPST sites were closed as Priority 4.1 sites in March 2009, groundwater ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.

**TABLE G.1
SOIL DATA SUMMARY - METALS, pH
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801**

Sample ID	Sample Depth (ft-bgs)	Sample Date	PRIORITY POLLUTANT METALS + BARIUM													pH	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium		Zinc
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)
PERMANENT MONITORING WELLS																	
MW-2	4-5	10/31/2005	-	2.07	93.1	-	<0.027	8.79	-	13.6	0.00504 J	-	0.671	<0.018	-	-	-
	9-10	10/31/2005	-	3.06	101	-	0.0557 J	7.28	-	9.87	0.00627 J	-	1.08	<0.017	-	-	-
MW-3	4-5	11/1/2005	-	1.46	286	-	<0.026	5.6	-	8.88	0.00947 J	-	0.826	<0.018	-	-	7.56
SOIL BORINGS																	
SB-1	2.5-5	12/9/04	<0.12	0.861	82.8	0.549	0.0251 J	4.27	4.52	10.8	0.00744 J	2.53	0.358 J	<0.017	0.0618 J	8.72	6.26
SB-2	2.5-5	12/9/04	<0.13	0.853	67.3	0.462	<0.027	6.95	2.76	5.85	0.00734 J	1.87	0.515	0.0209 J	0.143 J	9.48	-
SB-12	4-5	10/26/05	-	1.19	28.3	-	0.0433 J	5.29	-	11.4	0.00683 J	-	0.400 J	<0.018	-	-	6.96
	9-10	10/26/05	-	7.93	133	-	0.0676 J	9.24	-	18.0	<0.0017	-	2.27	<0.017	-	-	-
SB-13	4-5	10/26/05	-	1.06	95.8	-	<0.028	8.67	-	8.24	0.00553 J	-	0.739	<0.019	-	-	-
	9-10	10/26/05	-	1.58	78.4	-	<0.028	5.43	-	5.30	<0.0017	-	0.503	<0.018	-	-	-
SB-42	9-10	8/2/2007	-	2.17	-	-	-	-	-	8.13	-	-	-	-	-	-	-
SB-43	14-15	8/2/2007	-	2.02	-	-	-	-	-	9.35	-	-	-	-	-	-	-
SB-44	9-10	8/2/2007	-	1.65	-	-	-	-	-	9.32	-	-	-	-	-	-	-
SB-45	9-10	8/2/2007	-	3.28	-	-	-	-	-	11.7	-	-	-	-	-	-	-
SB-46	2.5-5	6/10/2009	<0.31	2.34	161	0.762	<0.050	9.39	6.31	22.5	0.0173 J	6.04	1.33	<0.50	0.210 J	17.4	-
	10-12.5	6/10/2009	<0.27	1.91	50.6	0.395 J	0.0867 J	4.21	3.61	4.44	<0.0018	7.51	0.669	<0.044	0.217 J	9.68	-
SB-47	2.5-5	6/10/2009	<0.27	1.80	30.1	0.664	<0.042	5.83	4.22	8.26	0.00796 J	2.75	0.863	<0.042	0.147 J	6.66	-
SB-48	0-0.5	10/27/2009	-	5.83	179	-	0.427 J	10.5	-	85.3	0.335	-	0.600	0.0948 J	-	-	-
SB-49	0-0.5	10/27/2009	-	2.50	410	-	0.923	13.8	-	176	0.0581	-	0.453 J	0.153 J	-	-	-
SB-50	0-0.5	10/27/2009	-	4.28	16.7	-	0.0514 J	4.13	-	5.10	0.00694	-	0.524	<0.039	-	-	-
SB-51	0-0.5	10/27/2009	-	3.42	23.4	-	0.0890 J	4.96	-	16.5	0.0118	-	0.622	0.0469 J	-	-	-
SB-52	0-0.5	10/27/2009	-	3.24	27.1	-	0.107 J	7.10	-	31.8	0.0143	-	0.679	0.0676 J	-	-	-
SB-53	0-0.5	10/27/2009	-	2.99	27.0	-	0.112 J	6.92	-	34.2	0.0276	-	0.565	0.0518 J	-	-	-
SB-54	0-0.5	10/27/2009	-	3.35	60.8	-	0.248 J	6.20	-	57.0	0.0442	-	0.573	0.120	-	-	-
REGULATORY STANDARDS																	
TCEQ TRRP Tier 1 Residential ^{Tot} Soil _{Comb} PCLs (0.5-Acre Source Area)			15	24	8,100	38	52	33,000	1,300	500	8.3	840	310	97	6.3	9,900	--
TCEQ TRRP Tier 1 Residential ^{GW} Soil _{Ing} PCLs (0.5-Acre Source Area)			5.4	5.0	440	1.8	1.5	2,400	1,000	3.0	2.1	160	2.3	0.48	1.7	2,400	--
Texas-Specific Background Concentrations (30 TAC 350.51(m))			1.0	5.9	300	1.5	--	30	15	15	0.04	10	0.3	--	--	30	--
TCEQ TRRP Tier 2 Residential ^{GW} Soil _{Ing} PCLs (0.5-Acre Source Area)			--	12.8	--	--	--	--	--	1,208	8,700	--	--	--	--	--	--
TCEQ TRRP Tier 1 Residential ^{All} Soil _{Inh-v} PCLs (0.5-Acre Source Area)			--	--	--	--	--	--	--	16	--	--	--	--	--	--	--

Notes:

"-" indicates not analyzed.

"--" indicates not applicable.

"SU" represents standard units.

"TCEQ" represents Texas Commission on Environmental Quality.

"TRRP" represents Texas Risk Reduction Program.

"<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).

Bold values exhibit a concentration in excess of the laboratory SDL.

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

Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP Tier 1 Residential Soil Protective Concentration Levels (PCLs).

TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 1: Tier 1 Residential Soil PCLs - dated March 4, 2016..

TABLE G.1
SOIL DATA SUMMARY - TPH
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

Sample ID	Sample Depth	Sample Date	*TOTAL PETROLEUM HYDROCARBONS (TPH)			
			C ₆ to C ₁₂	>C ₁₂ to C ₂₈	>C ₂₈ to C ₃₅	Total TPH (C ₆ to C ₃₅)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
PERMANENT MONITORING WELLS						
MW-14	77.5-80	6/11/2009	<20	<20	<20	<20
MW-15	10-12.5	4/14/2011	<17	<17	<17	<17
	22.5-25	4/14/2011	<17	<17	<17	<17
TEMPORARY MONITORING WELLS						
TMW-1	7.5-10	12/9/2004	<19	<19	<19	<19
	22.5-25	12/9/2004	38 J	<18	<18	38.0 J
TMW-2	30-32.5	12/8/2004	<20	<20	<20	<20
SOIL BORINGS						
SB-1	2.5-5	12/9/04	<20	<20	<20	<20
SB-2	2.5-5	12/9/04	<19	<19	<19	<19
SB-46	2.5-5	6/10/2009	<20	<20	<20	<20
	10-12.5	6/10/2009	<20	<20	<20	<20
SB-47	2.5-5	6/10/2009	<19	<19	<19	<19
SB-48	0-0.5	10/27/2009	<19	<19	<19	<19
SB-49	0-0.5	10/27/2009	<19	<19	<19	<19
SB-50	0-0.5	10/27/2009	<17	<17	<17	<17
SB-51	0-0.5	10/27/2009	<18	<18	<18	<18
SB-52	0-0.5	10/27/2009	<18	<18	<18	<18
SB-53	0-0.5	10/27/2009	<18	<18	<18	<18
SB-54	0-0.5	10/27/2009	<20	<20	<20	<20
REGULATORY STANDARDS						
TCEQ TRRP Tier 1 Residential ^{Tot} Soil _{Comb} PCLs (0.5-acre source area)			1600	2,300	2,300	--
TCEQ TRRP Tier 1 Residential ^{GW} Soil _{Ing} PCLs (0.5-Acre Source Area)			65	200	200	--
TCEQ TRRP Tier 1 Residential ^{Air} Soil _{Inh-v} PCLs (0.5-Acre Source Area)			3,100	15,000	15,000	--

Notes:

"--" indicates not applicable.

"mg/kg" represents milligrams per kilogram.

"TCEQ" represents Texas Commission on Environmental Quality.

"TRRP" represents Texas Risk Reduction Program.

"<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).

Bold values exhibit a concentration in excess of the laboratory SDL.

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

Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP

Tier 1 Residential Soil Protective Concentration Levels (PCLs).

TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 1: Tier 1 Residential Soil PCLs - dated March 4, 2016.

*COCs with an asterisk are attributed to two former LPST sites (LPST Nos. 117688 and 117689). As these LPST sites were

closed as Priority 4.1 sites in March 2009, groundwater ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.

**TABLE G.2
GROUNDWATER DATA SUMMARY - VOCs
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801**

Sample ID	Sample Date	Acetone	Benzene	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	4-Isopropyltoluene	Methyl tert-butyl ether	4-Methyl-2-pentanone	Naphthalene	n-Propylbenzene	Tetrachloroethylene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	o-Xylene	m,p-Xylene	
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
PERMANENT MONITORING WELLS																											
MW-1	11/8/2005	<0.0025	0.029	<0.00080	<0.00050	0.031	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	0.14	0.17	0.013	<0.00050	<0.0016	0.37	0.45	<0.00060	<0.00050	<0.00050	1.5	0.33	<0.00050	0.0062	0.2	
	12/14/2006	<0.0025	0.011	<0.00080	<0.00050	0.022	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	0.030	0.081	<0.00070	<0.00050	<0.0016	0.095	0.22	<0.00060	<0.00050	<0.00050	0.28	0.071	<0.00050	0.0015 J	0.024	
	4/18/2007	0.052	0.0060	<0.00080	<0.00050	0.021	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	0.024	0.073	0.054	<0.00050	<0.0016	0.12	0.19	<0.00060	<0.00050	<0.00050	0.31	0.078	<0.00050	0.0011 J	0.022	
	8/1/2007	<0.0025	0.0042 J	<0.00080	0.047	0.020	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	0.019	<0.00070	<0.00070	<0.00050	<0.0016	0.087	<0.0070	<0.00060	<0.00050	<0.00050	0.37	0.065	<0.00050	0.00094 J	0.019	
	11/27/2007	<0.0025	0.0072	<0.00080	0.044	0.018	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.014	0.057	0.0043 J	<0.00050	<0.0016	0.095	0.17	<0.00060	<0.00050	<0.00050	0.19	0.036	<0.00050	0.0010 J	0.013	
6/5/2008	0.033	0.0041 J	<0.0010	0.034	0.020	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	0.010	0.052	0.0053	<0.00050	<0.0010	0.12	0.16	<0.00060	<0.00050	<0.00050	0.17	0.028	<0.00050	0.0030 J	0.016		
MW-2	11/8/2005	<0.0025	9.5	<0.00080	<0.00050	0.019	0.0035 J	<0.00050	<0.00050	<0.00060	<0.00050	2.4	0.15	0.015	<0.00050	<0.0016	0.72	0.27	<0.00060	1.0	<0.00050	2.1	0.56	<0.00050	2.2	6.6	
	12/13/2006	<0.0025	8.8	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00060	<0.00050	1.9	0.12	<0.00070	<0.00050	<0.0016	0.73	0.25	<0.00060	0.074	<0.00050	1.8	0.49	<0.00050	0.29	4.7	
	4/19/2007	<0.0025	0.76	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00060	<0.00050	1.9	0.11	0.010	0.00095 J	<0.0016	0.45	0.28	<0.00060	0.040	<0.00050	1.9	0.46	<0.00050	0.043	3.8	
	8/1/2007	<0.0025	7.2	<0.00080	0.043	0.016	<0.00070	<0.00050	<0.00050	<0.00060	<0.00050	1.6	<0.00070	<0.00070	<0.00050	0.0045 J	0.47	<0.0070	<0.00060	0.041	<0.00050	1.6	0.32	<0.00050	0.027	3.2	
	11/27/2007	0.041	7.4	0.0088 J	0.047	0.017	0.00090 J	<0.00050	<0.00050	<0.00060	<0.00050	1.5	0.16	0.012	<0.00050	<0.0016	0.39	0.25	<0.00060	0.054	<0.00050	1.7	0.21	<0.00050	0.023	2.5	
6/4/2008	<0.0010	5.2	<0.0010	0.030	0.016	<0.00060	<0.00050	<0.00050	<0.00060	<0.00050	0.79	0.11	<0.00050	<0.00050	<0.0010	0.27	0.18	<0.00060	0.042	<0.00050	0.79	0.13	<0.00050	0.042	1.9		
MW-7	6/21/2006	-	0.011	-	-	-	-	-	-	-	-	0.0027	-	-	0.0044 J	-	-	-	-	<0.00020	-	-	-	<0.00050	0.0053	-	
	12/13/2006	<0.0025	0.098	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	0.0012 J	0.0019 J	<0.00070	<0.00050	<0.0016	<0.0011	0.0032 J	<0.00060	<0.00050	<0.00050	0.0011 J	<0.00070	<0.00050	<0.00050	0.0033 J	
	4/19/2007	<0.0025	0.0016 J	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00060	<0.00050	<0.00050	0.00081 J	<0.00070	<0.00050	0.00053 J	<0.0016	<0.0011	0.0013 J	<0.00060	0.00068 J	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010
	7/31/2007	<0.0025	0.0012 J	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00060	<0.00050	<0.00050	<0.00070	<0.00070	0.00076 J	<0.0016	<0.0011	0.00076 J	<0.00060	0.00068 J	<0.00060	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010
	11/27/2007	<0.0025	0.0010 J	<0.00080	<0.00080	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	0.0015 J	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
6/4/2008	<0.0010	<0.00050	<0.0010	<0.00060	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0014 J	<0.0010	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010		
MW-9	12/13/2006	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	4/17/2007	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	7/30/2007	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	11/26/2007	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
6/3/2008	<0.0010	<0.00050	<0.0010	<0.00060	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010		
MW-10	12/12/2006	<0.0025	<0.00060	<0.00080	<0.00050	0.0055	0.0046 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0064	<0.00070	<0.00050	<0.0016	<0.0011	0.0049 J	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	4/18/2007	<0.0025	<0.00060	<0.00080	<0.00050	0.0038 J	0.0029 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0055	<0.00070	<0.00050	<0.0016	<0.0011	0.0046 J	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	7/31/2007	<0.0025	<0.00060	<0.00080	<0.00050	0.0016 J	0.0011 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0023 J	<0.00070	<0.00050	<0.0016	<0.0011	0.0019 J	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	11/26/2007	<0.0025	<0.00060	<0.00080	<0.00050	0.0017 J	0.0014 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0020 J	<0.00070	<0.00050	<0.0016	<0.0011	0.0016 J	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
6/4/2008	<0.0010	<0.00050	<0.0010	<0.00060	0.0015 J	0.0019 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0018 J	<0.00050	<0.00050	<0.0010	<0.00050	0.0015 J	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010		
MW-11	12/12/2006	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	0.0011 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00070	<0.00060	<0.00050	<0.00060	<0.00060	<0.00070	<0.00060	<0.00050	<0.0010	
	4/17/2007	<0.0025	<0.00060	<0.00080	<0.00050	<0.00070	<0.00070	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00070	<0.00070	<0.00050	<0.0016	<0.0011	<0.00									

**TABLE G.2
GROUNDWATER DATA SUMMARY - VOCs
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801**

Sample ID	Sample Date	Acetone	* Benzene	2-Butanone	*n-Butylbenzene	*sec-Butylbenzene	*tert-Butylbenzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	*Ethylbenzene	*Isopropylbenzene	*4-Isopropyltoluene	*Methyl tert-butyl ether	4-Methyl-2-pentanone	*Naphthalene	*n-Propylbenzene	Tetrachloroethylene	*Toluene	Trichloroethene	*1,2,4-Trimethylbenzene	*1,3,5-Trimethylbenzene	Vinyl chloride	*o-Xylene	*m,p-Xylene	
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
PERMANENT MONITORING WELLS																											
MW-13	6/11/2009	<0.0010	<0.00050	<0.0010	<0.00060	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0017 J	<0.0010	<0.00050	<0.00050	0.00076 J	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010
	8/11/2011	<0.0040	<0.0010	<0.0020	<0.0020	<0.0016	<0.0011	<0.0010	<0.0011	<0.0013	<0.0025	<0.0011	<0.0012	<0.0013	<0.0012	<0.0018	<0.0010	<0.00080	<0.0017	<0.0010	<0.0011	<0.00080	<0.00090	<0.0010	<0.0010	<0.0010	<0.0021
	4/4/2012	<0.0040	<0.0010	<0.0020	<0.0020	<0.0016	<0.0011	<0.0010	<0.0011	<0.0013	<0.0025	<0.0011	<0.0012	<0.0013	<0.0012	<0.0018	<0.0010	<0.00080	<0.0017	<0.0010	<0.0011	<0.00080	<0.00090	<0.0010	<0.0010	<0.0010	<0.0021
MW-14	7/19/2012	<0.0030	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.00050	<0.00060	<0.0010	<0.00050	<0.00050	<0.00060	<0.0010	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010
	6/11/2009	<0.0010	<0.00050	<0.0010	<0.00060	<0.00050	<0.00060	0.0019 J	0.016	0.028	0.016	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00060	<0.00050	0.015	<0.00050	<0.00050	0.0018	<0.00050	<0.0010	
	8/11/2011	<0.0040	<0.0010	<0.0020	<0.0020	<0.0016	<0.0011	<0.0010	0.012	0.024	0.012	<0.0011	<0.0012	<0.0013	<0.0012	<0.0018	<0.0010	<0.00080	<0.0017	<0.0010	0.013	<0.00080	<0.00090	0.0014 J	<0.0010	<0.0021	
	4/4/2012	<0.0040	<0.0010	<0.0020	<0.0020	<0.0016	<0.0011	<0.0010	0.012	0.028	0.011	<0.0011	<0.0012	<0.0013	<0.0012	<0.0018	<0.0010	<0.00080	<0.0017	<0.0010	0.013	<0.00080	<0.00090	0.0012 J	<0.0010	<0.0021	
	7/19/2012	<0.0030	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	0.0090	0.017	0.0078	<0.00050	<0.00050	<0.00060	<0.0010	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	0.0078	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	
MW-15R	10/2/2013	<0.010	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	0.0066	0.013	0.0062	<0.00050	<0.00050	<0.00060	<0.0010	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	0.0066	<0.00050	<0.00050	0.00071 J	<0.00050	<0.0010	
	11/18/2014	<0.0020	<0.00060	<0.0010	<0.0010	<0.00060	<0.00060	<0.00060	0.0038 J	0.0068	0.0036 J	<0.00050	<0.00050	<0.00050	<0.00060	<0.0010	<0.00070	<0.00050	<0.00060	<0.00050	0.0041 J	<0.00050	<0.00060	<0.00040	<0.00050	<0.0015	
MW-16	11/18/2014	<0.0020	<0.00060	<0.0010	<0.0010	<0.00060	<0.00060	<0.00060	<0.00040	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00060	<0.0010	<0.00070	<0.00050	<0.00060	<0.00050	<0.00050	<0.00050	<0.00040	<0.00050	<0.0015		
	4/26/2013	<0.010	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.00050	<0.00060	<0.0010	<0.00050	<0.00050	<0.00060	<0.0010	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	0.014	<0.00050	<0.00050	<0.00050	<0.0010		
	7/23/2013	<0.010	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.00050	<0.00060	<0.0010	<0.00050	<0.00050	<0.00060	0.0015 J	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	0.025	<0.00050	<0.00050	<0.00050	<0.0010		
	10/2/2013	<0.010	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.00050	<0.00060	0.0023 J	<0.00050	<0.00050	<0.00060	0.0015 J	<0.0018	<0.0010	<0.00080	<0.0010	<0.00050	0.020	<0.00050	<0.00050	<0.00050	<0.0010		
	11/18/2014	0.0044 J	<0.00060	<0.0010	<0.0010	<0.00060	<0.00060	<0.00060	<0.00040	<0.00050	0.0016 J	<0.00050	<0.00050	<0.00050	0.00099 J	<0.0010	<0.00070	<0.00050	<0.00060	<0.00050	0.0071	<0.00050	<0.00060	<0.00040	<0.0015		
REGULATORY STANDARDS																											
TCEQ TRRP Tier 1 Residential ^{GW} GW _{ing} PCLs		22	0.005	15	0.98	1.2	0.98	0.24	4.9	0.0070	0.070	0.7	2.4	2.4	0.24	2.0	0.49	0.98	0.005	1.0	0.005	1.2	1.2	0.0020	10	10	
TCEQ TRRP Tier 1 Residential ^{Air} GW _{inh-v} PCLs (0.5-Acre Source Area)		1,000,000	180	1,000,000	--	--	--	20	43,000	1,700	1,200	30,000	4,400	--	4,000	670,000	320	6,000	500	64,000	24	190	130	3.8	760,000	9,400	

Notes:

"-" indicates not analyzed.

"mg/L" indicates milligrams per liter.

"TCEQ" represents Texas Commission on Environmental Quality.

"TRRP" represents Texas Risk Reduction Program.

Only VOC analytes with at least one sample with a concentration above the laboratory reporting limit shown on this table.

"<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).

Bold values exhibit a concentration in excess of the laboratory SDL.

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

Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs).

TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 3: Tier 1 Residential Groundwater PCLs - dated March 4, 2016.

*COCs with an asterisk are attributed to two former LPST sites (LPST Nos. 117688 and 117689). As these LPST sites were closed as Priority 4.1 sites in March 2009, groundwater ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.

TABLE G.2
GROUNDWATER DATA SUMMARY - METALS
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

Sample ID	Sample Date	METALS										
		*Arsenic (mg/L)	**Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	#Lead (mg/L)	Mercury (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Zinc (mg/L)
PERMANENT MONITORING WELLS												
MW-1	11/8/2005	0.0069	0.351	<0.00015	0.00627	-	0.00356 J	<0.000200	-	<0.0017	<0.00020	-
	12/14/2006	0.0182	0.334	<0.00015	0.00254 J	-	0.000549 J	<0.000042	-	<0.0017	<0.00020	-
	4/18/2007	0.0118	0.360	<0.00015	0.00355 J	-	0.00163 J	<0.000042	-	<0.0017	<0.00020	-
	8/1/2007	0.00812	0.305	0.000214 J	0.000820 J	-	0.00145 J	<0.000042	-	<0.0017	0.000205 J	-
	11/27/2007	0.00834	0.320	0.000374 J	0.00147 J	-	0.000532 J	<0.000042	-	<0.0017	<0.00020	-
	6/5/2008	0.0122	0.393	<0.0010	0.00159 J	-	<0.0012	<0.000042	-	0.00220 J	<0.00070	-
MW-2	11/8/2005	0.113	0.675	<0.00015	0.00621	-	0.0187	<0.000200	-	<0.0017	<0.00020	-
	12/13/2006	0.176	0.603	<0.00015	0.00349 J	-	0.0169	<0.000042	-	<0.0017	<0.00020	-
	4/19/2007	0.139	0.535	<0.00015	<0.00050	-	0.0156	<0.000042	-	0.00212 J	<0.00020	-
	8/1/2007	0.134	0.450	0.000371 J	0.00184 J	-	0.0148	<0.000042	-	<0.0017	0.000234 J	-
	11/27/2007	0.164	0.588	0.000249 J	0.00161 J	-	0.0129	<0.000042	-	<0.0017	<0.00020	-
	6/4/2008	0.0949	0.382	<0.0010	0.00131 J	-	0.0102	<0.000042	-	<0.0022	<0.00070	-
MW-7	12/13/2006	0.0280	0.210	<0.00015	0.00435 J	-	0.000316 J	<0.000042	-	<0.0017	<0.00020	-
	4/19/2007	0.0236	0.206	<0.00015	0.00221 J	-	0.000460 J	<0.000042	-	<0.0017	<0.00020	-
	7/31/2007	0.0330	0.195	0.000248 J	0.00174 J	-	0.000950 J	<0.000042	-	<0.0017	0.000219 J	-
	11/27/2007	0.0287	0.232	0.000174 J	0.00278 J	-	0.000417 J	<0.000042	-	<0.0017	<0.00020	-
	6/4/2008	0.0343	0.232	<0.0010	0.00233 J	-	<0.0012	<0.000042	-	<0.0022	<0.00070	-
MW-9	12/13/2006	0.00488 J	0.308	0.000158 J	0.00326 J	-	0.000211 J	<0.000042	-	0.00520	<0.00020	-
	4/17/2007	0.00539	0.208	0.000278 J	0.00900	-	0.00320 J	<0.000042	-	0.00652	<0.00020	-
	7/30/2007	0.00394 J	0.153	0.000291 J	0.00133 J	-	0.00143 J	<0.000042	-	0.00351 J	0.000215 J	-
	11/26/2007	0.00377 J	0.158	0.000176 J	0.00201 J	-	0.000440 J	<0.000042	-	0.00405 J	<0.00020	-
	6/3/2008	0.00424 J	0.153	<0.0010	0.00112 J	-	<0.0012	<0.000042	-	0.00385 J	<0.00070	-
MW-10	12/12/2006	0.0227	0.316	0.000307	0.00247	-	0.000456	<0.000042	-	<0.0017	<0.00020	-
	4/18/2007	0.0524	0.269	<0.00015	0.00306 J	-	0.000857 J	<0.000042	-	0.00230 J	<0.00020	-
	7/31/2007	0.0163	0.195	0.000210 J	0.00400 J	-	0.000743 J	<0.000042	-	0.00226 J	0.000206 J	-
	11/26/2007	0.0142	0.215	<0.00015	0.00163 J	-	0.000577 J	<0.000042	-	<0.0017	<0.00020	-
	6/4/2008	0.00958	0.201	<0.0010	0.00239 J	-	<0.0012	<0.000042	-	<0.0022	<0.00070	-
MW-11	12/12/2006	0.00707	0.192	0.000194 J	0.00329 J	-	0.000560 J	<0.000042	-	0.00388 J	<0.00020	-
	4/17/2007	0.00792	0.219	<0.00015	0.00178 J	-	0.000695 J	<0.000042	-	0.00750	<0.00020	-
	7/31/2007	0.00524	0.156	0.000262 J	0.00197 J	-	0.00310 J	<0.000042	-	0.00521	0.000205 J	-
	11/26/2007	0.0165	0.169	0.000961 J	0.00152 J	-	0.00164 J	<0.000042	-	0.00453 J	0.000388 J	-
	6/3/2008	0.0325	0.263	<0.0010	0.00108 J	-	<0.0012	<0.000042	-	0.00281 J	<0.00070	-
MW-12	12/12/2006	0.170	1.49	0.000158 J	0.00358 J	-	0.00469 J	<0.000042	-	<0.0017	<0.00020	-
	4/18/2007	0.101	1.18	<0.00015	0.00401 J	-	0.00321 J	<0.000042	-	0.00187 J	<0.00020	-
	8/1/2007	0.0958	0.582	0.000205 J	0.00108 J	-	0.000698 J	<0.000042	-	<0.0017	<0.00020	-
	11/27/2007	0.235	8.08	0.000738 J	0.00228 J	-	0.00139 J	<0.000042	-	<0.0017	<0.00020	-
	6/5/2008	0.285	10.3	<0.0010	0.00108 J	-	<0.0012	<0.000042	-	<0.0022	<0.00070	-
	8/11/2011	0.177	5.43	<0.00080	0.0245	-	<0.00070	<0.000042	-	<0.0010	<0.00080	-
MW-13	6/11/2009	0.0279	0.0815	<0.00060	0.00140 J	0.00364 J	<0.00040	<0.000042	0.00548	<0.0025	<0.00070	0.00521
	8/11/2011	0.0218	0.0553	<0.00080	<0.0012	-	<0.00070	<0.000042	-	<0.0010	<0.00080	-
MW-14	6/12/2009	0.000906 J	0.126	<0.00060	0.00263 J	0.000923 J	0.000919 J	<0.000042	0.00691	<0.0025	<0.00070	0.0105
	8/11/2011	<0.0013	0.0816	<0.00080	<0.0012	-	<0.00070	<0.000042	-	0.00220 J	<0.00080	-
REGULATORY STANDARDS												
TCEQ TRRP Tier 1 Residential ^{GW} GW _{ing} PCLs		0.010	2.0	0.005	0.10	1.3	0.015	0.002	0.49	0.05	0.12	7.3
TCEQ TRRP Tier 1 Residential ^{Air} GW _{inh-v} PCLs (0.5-Acre Source Area)		--	--	--	--	--	--	7.3	--	--	--	--

Notes:

"-" indicates not analyzed.

"--" indicates not applicable.

"mg/L" represents milligrams per liter.

"TCEQ" represents Texas Commission on Environmental Quality.

"TRRP" represents Texas Risk Reduction Program.

"<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).

Bold values exhibit a concentration in excess of the laboratory SDL.

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

Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs).

TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 3: Tier 1 Residential Groundwater PCLs - dated November 12, 2014.

*COCs with an asterisk are attributed to two former LPST sites (LPST Nos. 117688 and 117689).

As these LPST sites were closed as Priority 4.1 sites in March 2009, groundwater ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.

** As barium was detected in MW-12, which is not on the VCP Property, and no potential source areas for barium were identified on the subject property, the groundwater ingestion PCL for barium does not apply and is not considered a PCL exceedance.

#Most recent lead detections in MW-2 were below the TRRP Tier 1 groundwater ingestion PCL; therefore, lead is not considered a PCL exceedance for the property.

TABLE G.2
GROUNDWATER DATA SUMMARY - TPH
CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION
N. MERFISH SUPPLY COMPANY - TRACT 2
1807 CENTER STREET
HOUSTON, HARRIS COUNTY, TEXAS
VCP NO. 1801

Sample Name	Sample Date	*TOTAL PETROLEUM HYDROCARBONS (TPH)			
		C ₆ to C ₁₂	C ₁₂ to C ₂₈	C ₂₈ to C ₃₅	Total TPH (C ₆ to C ₃₅)
		(mg/L)	(mg/L)	(mg/L)	(mg/L)
PERMANENT MONITORING WELLS					
MW-1	12/14/2006	2.3	2.7	4.3	9.30
	8/1/2007	2.3	<0.20	<0.20	2.30
	11/27/2007	0.24 (J)	0.32 (J)	<0.18	0.560
	6/5/2008	3.6	0.40	<0.18	4.00
MW-2	12/13/2006	<0.20	<0.20	18	18.0
	8/1/2007	19	<0.20	<0.20	19.0
	11/27/2007	21	1.8	<0.18	22.8
	6/4/2008	4.4	<0.18	<0.18	4.40
MW-7	12/13/2006	<0.20	<0.20	<0.20	<0.20
	7/31/2007	<0.20	<0.20	<0.20	<0.20
	11/27/2007	<0.18	<0.18	<0.18	<0.18
	6/4/2008	<0.18	<0.18	<0.18	<0.18
MW-9	12/13/2006	<0.20	<0.20	<0.20	<0.20
	7/30/2007	<0.20	<0.20	<0.20	<0.20
	11/26/2007	<0.18	<0.18	<0.18	<0.18
	6/3/2008	<0.18	<0.18	<0.18	<0.18
MW-10	12/12/2006	<0.20	<0.20	<0.20	<0.20
	7/31/2007	<0.20	<0.20	<0.20	<0.20
	11/26/2007	<0.18	<0.18	<0.18	<0.18
	6/4/2008	<0.18	<0.18	<0.18	<0.18
MW-11	12/12/2006	<0.20	<0.20	<0.20	<0.20
	7/31/2007	<0.20	<0.20	<0.20	<0.20
	11/26/2007	<0.18	<0.18	<0.18	<0.18
	6/3/2008	<0.18	<0.18	<0.18	<0.18
MW-12	12/12/2006	<0.20	<0.20	<0.20	<0.20
	8/1/2007	<0.20	<0.20	<0.20	<0.20
	11/27/2007	<0.18	<0.18	<0.18	<0.18
	6/5/2008	<0.18	<0.18	<0.18	<0.18
MW-13	6/11/2009	<0.19	<0.19	<0.19	<0.19
	8/11/2011	<0.19	<0.19	<0.19	<0.19
MW-14	6/12/2009	<0.19	<0.19	<0.19	<0.19
	8/11/2011	<0.19	<0.19	<0.19	<0.19
REGULATORY STANDARDS					
TCEQ TRRP Tier 1 Residential ^{GW} PCLs		0.98	0.98	0.98	--
TCEQ TRRP Tier 1 Residential ^{Air} PCLs (0.5-Acre Source Area)		1,800	7,500	7,500	--

Notes:

"--" indicates not applicable.

"mg/L" represents milligrams per liter.

"TCEQ" represents Texas Commission on Environmental Quality.

"TRRP" represents Texas Risk Reduction Program.

"<" indicates the analyte was not detected at or above the laboratory sample detection limit (SDL).

Bold values exhibit a concentration in excess of the laboratory SDL.

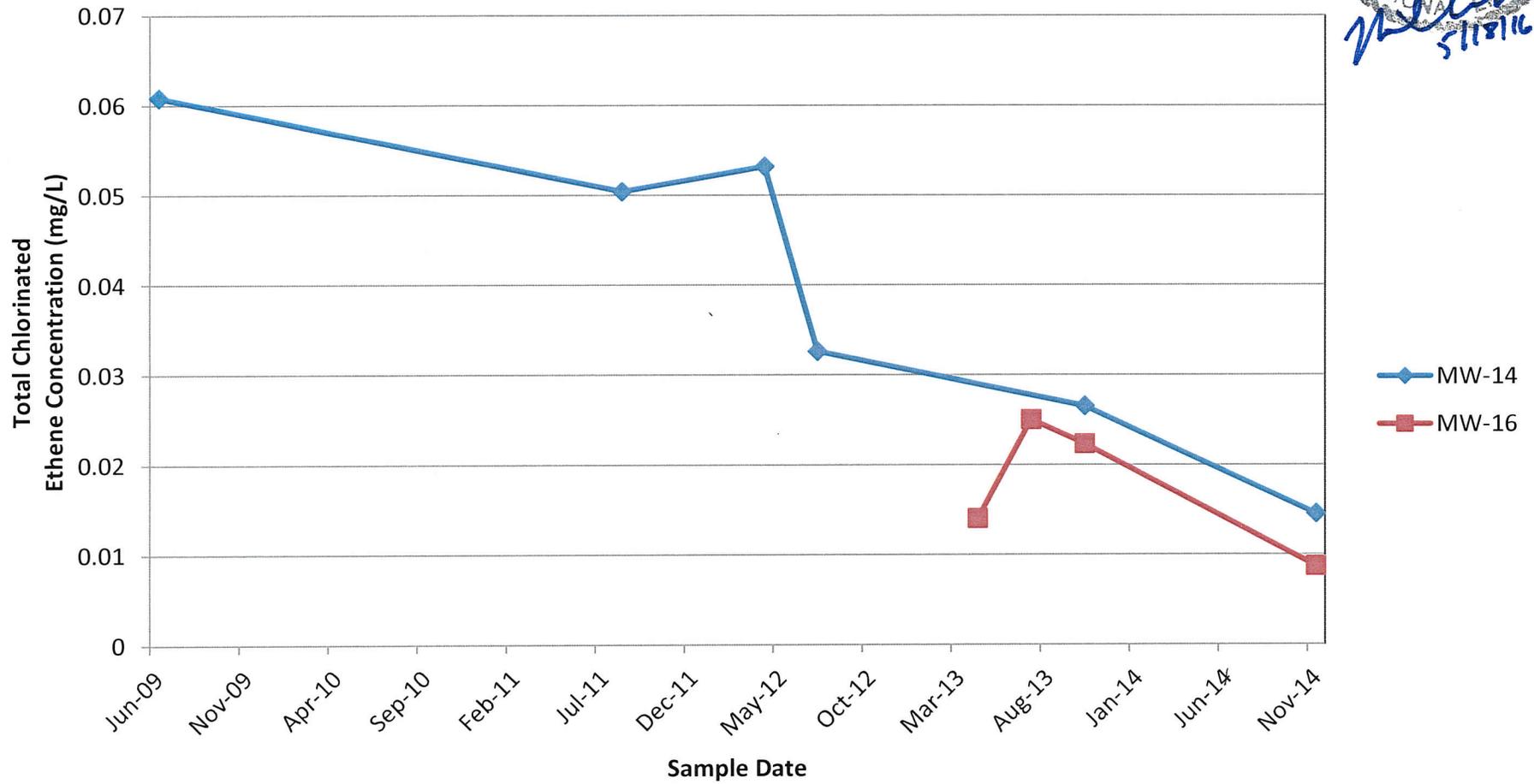
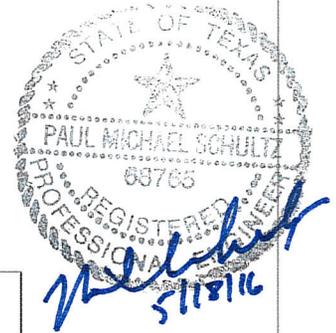
"J" indicates the analyte was positively identified above the SDL but below the Method Quantitation Limit (MQL).

Concentrations in bold and highlighted yellow exhibit a concentration in excess of the applicable TRRP Tier 1 Residential Groundwater Protective Levels (PCLs).

TCEQ TRRP Tier 1 Residential PCLs (30 TAC 350) Table 3: Tier 1 Residential Groundwater PCLs - dated March 4, 2016.

*TPH is attributed to two former LPST sites (LPST Nos. 117688 and 117689). As these LPST sites were closed as Priority 4.1 sites in March 2009, groundwater ingestion PCLs for these COCs do not apply and are not considered PCL exceedances.

Graph G.1
Total Chlorinated Ethenes in Groundwater - MW-14 and MW-16
N. Merfish Supply Company - Tract 2
1807 Center Street, Houston, Texas
VCP No. 1801



Appendix H – Contamination Exceedance Without MSD

Soil sampling and analysis activities did not reveal any COC detections above applicable TCEQ TRRP Tier 1 or Tier 2 Soil-to-Groundwater Ingestion PCLs (TRRP Tier 1 or Tier 2 Residential ^{GW}Soil_{Ing} PCL).

The most recent groundwater analytical results have revealed concentrations of TCE present in the groundwater of the designated property currently above its critical TCEQ TRRP Tier 1 Groundwater Ingestion PCL (TRRP Tier 1 Residential ^{GW}GW_{Ing} PCLs).

Without an MSD, the TRRP residential ^{GW}GW_{Ing} PCL represents the TRRP residential assessment level for all COCs present in groundwater at the designated property. As such, the current concentration of TCE in the groundwater of the designated property exceeds its TRRP residential assessment level. Based on the groundwater assessment results obtained to date, TCE is not known or expected to occur in groundwater downgradient of the designated property in excess of any TRRP residential assessment levels (with or without an MSD). As the TCE plume is stable to decreasing, groundwater contamination exceeding residential assessment levels without an MSD will remain within the designated property.