

CITY OF HOUSTON



PUBLIC WORKS AND ENGINEERING PLANNING & DEVELOPMENT DIVISION

EXECUTIVE SUMMARY

Project Overview

InControl Technologies, Inc. was retained by Eureka Properties to provide environmental consulting services at their facility located at 8300 Hempstead Rd., Houston, Harris County, Texas. The subject property (the Site) consists of one large warehouse building and several smaller outbuildings totaling 17.8932-acres of land located southeast of downtown Houston, Harris County, Texas (**Figure C1**). The surrounding area is a mix of residential and commercial development (**Figure B**).

The subject property is located in the White Oak Bayou watershed (**Figure C2**) and the property is not located within the 100-year floodplain (**Figure C3**).

A volatile organic compound (VOC) Median Specific Concentration (MSC) Limit Exceedance zone was identified at the subject property. The MSC exceedance zones are depicted on **Figure C4-1** through **Figure C4-4**.

Historical Environmental Condition

The former Smith Industries, Inc. Liquidating Trust Property (site) is located approximately 4 miles northwest of downtown Houston, Harris County, Texas. The property covers approximately 43 acres and is located in an industrial area. The site was divided into three areas: the Oil and Gas area, the Galvanizing Area, and the Office Area. The Oil and Gas area includes all structures and the paved and graveled areas on the eastern half of the facility. The Galvanizing Area includes all structures and paved and graveled areas in the northwestern section of the facility. The Office Area includes the remaining southwest section of the facility located around the administration building. The Office Area and Galvanizing Areas are separated by the former MKT Railroad right-of-way. The railroad track is no longer active and was removed by MKT.

Prior to discontinuation of operations in 1994, the facility was primarily used for the manufacture and fabrication of steel products. The galvanizing division used a hot dye molten zinc process for the coating of fabricated steel products. Some chlorinated solvents were also utilized for cleaning purposes. The oil and gas division reportedly utilized epoxy resin coatings, oils, paints, solvents, and welding fluxes for tank manufacturing.

On June 1, 1994, Smith Industries, Inc. filed for bankruptcy. Due to the bankruptcy, there are very few records available regarding the operation. In many cases, the exact location of a particular activity is not

known. The property was liquidated under the direction of a trustee selected by the creditor's committee (Smith Industries, Inc. Liquidating Trust). The property was subdivided into two tracts of land. The southern tract was sold to Eureka Properties, Ltd in 1999. The property is currently being used for the manufacture and storage of concrete structures. The northern tract of land is currently undergoing response actions through the Corrective Action Program. The applicant for the northern tract is SGL Acotec Houston. The two tracts are being worked independently of each other.

Between 1995 and 1998, numerous soil and groundwater investigations were completed across the subject property. The samples were analyzed for volatile organic compounds, total petroleum hydrocarbons, and RCRA Metals.

In 1999, the Texas Commission on Environmental Quality (TCEQ) issued a Conditional Certificate of Completion (CCOC) for the former Smith Industries, Inc. property under the Voluntary Cleanup Program (VCP). As a requirement of the CCOC, post-closure activities were required to maintain the certificate as described in the Response Action Work Plan (RAWP) dated 1999. As part of post-closure activities, a groundwater monitoring program was initiated to include semiannual sampling for two years, followed by two years of annual sampling. Annual groundwater monitoring has continued beyond the initial four years of post-closure monitoring. To facilitate a final certificate of closure, Eureka Properties is seeking a Municipal Setting Designation (MSD) to eliminate the groundwater ingestion pathway.

InControl Technologies was retained by Baker Concrete in 2014 to conduct quarterly groundwater monitoring. InControl conducted a site-wide groundwater monitoring and sampling event in November 2014. On February 17, 2015, InControl installed one replacement groundwater monitoring well (MW-11R) south of the subject property along Washington Ave. as a delineation point. On June 10, 2015, InControl installed two additional delineation wells (MW-19 and MW-20).

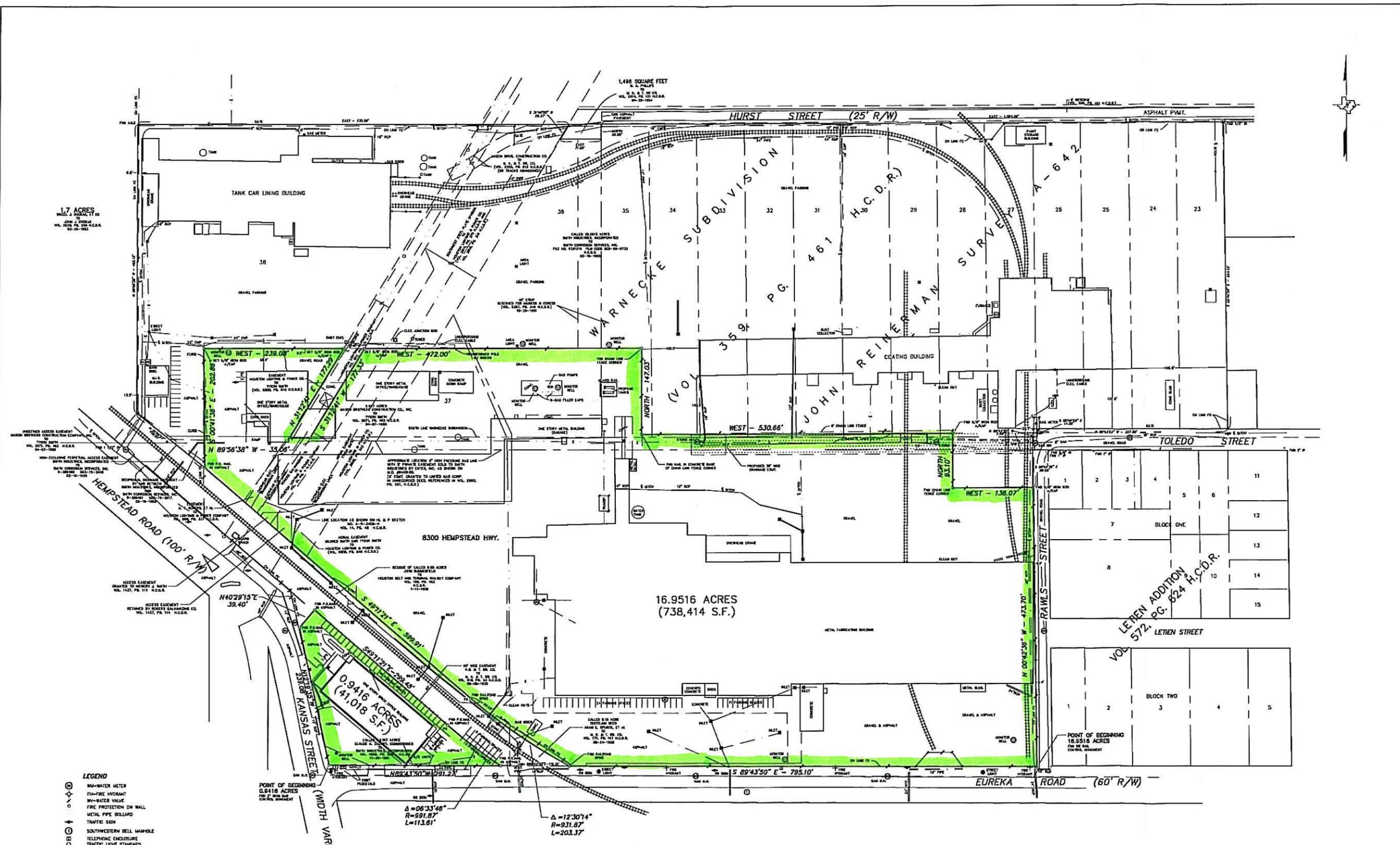
White Oak Bayou is located approximately 0.88-miles northeast (cross gradient) of the proposed MSD boundary. Due to the distance from this water body to the proposed MSD area, the bayou is not directly threatened by natural movement of the affected groundwater identified on the site (**Figure C2**).

Appendix A

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

The legal description including a metes and bounds description, a copy of the deed for the designated property, and a plat map are included in this section.

Figure A is the proposed MSD boundary at the Baker Concrete property located at 8300 Hempstead Rd.



1.7 ACRES
VOL. 102, PG. 111 H.C.S.R.

1,400 SQUARE FEET
H.C.S.R.

16.9516 ACRES
(738,414 S.F.)

0.9416 ACRES
(41,018 S.F.)

- LEGEND**
- ⊕ WATER METER
 - ⊕ FIRE HYDRANT
 - ⊕ WATER VALVE
 - ⊕ FIRE PROTECTION ON WALL
 - ⊕ METAL PIPE BOLLARD
 - ⊕ TRAFFIC SIGN
 - ⊕ SOUTHWESTERN BELL MANHOLE
 - ⊕ TELEPHONE ENCLOSURE
 - ⊕ TRAFFIC LIGHT STAND
 - ⊕ POWER POLE
 - ⊕ POWER POLE W/DOWN GUY
 - ⊕ STREET/AREA LIGHT
 - ⊕ GAS VALVE
 - ⊕ GAS METER
 - ⊕ STORM/SANITARY SEWER MANHOLE
 - ⊕ AREA DRAIN
 - ⊕ TYPE B-B INLET
 - ⊕ TYPE B INLET
 - ⊕ ROOF OVERHANG
 - ⊕ H.L.P. MANHOLE
 - ⊕ OVERHEAD ELECTRIC LINE
 - ⊕ STORM SEWER WITH SIZE
 - ⊕ BURIED GAS LINE WITH SIZE
 - ⊕ BURIED WATER LINE WITH SIZE
 - ⊕ CHAIN LINK FENCE
 - ⊕ CORRUGATED METAL PIPE
 - ⊕ INDICATES FLOW DIRECTION
 - ⊕ MONITOR WELL

**DEED REFERENCE TABLE FOR SMITH INDUSTRIES INC.
8300 HEMPSTEAD HIGHWAY LOCATION**

PURCH. DATE	GRANTOR	ACREAGE	RECORDING	GRANTEE
03-21-1982	TRISTAN SMITH (114/260783) FIRST CITY NATIONAL BANK OF HOUSTON AS TRUSTEE (18/330716)		VOL. 4714, PG. 488	SMITH INDUSTRIES INC.
FIRST TRACT	SAME AS ABOVE		VOL. 4714, PG. 488	SMITH INDUSTRIES INC.
SECOND TRACT	SAME AS ABOVE	5 AC.	VOL. 4714, PG. 488	SMITH INDUSTRIES INC.
THIRD TRACT	SAME AS ABOVE	2,897 AC.	VOL. 4714, PG. 488	SMITH INDUSTRIES INC.
FOURTH TRACT	SAME AS ABOVE	0.8851 AC.	VOL. 4714, PG. 488	SMITH INDUSTRIES INC.
11-20-1981	CLAUDE A. ZACHRY, COMMISSIONER	0.8367 AC.	VOL. 4356, PG. 225	SMITH INDUSTRIES INC.
04-13-1984	E.H. GEORGE, ET UX	1.2158 AC.	VOL. 5483, PG. 302	SMITH INDUSTRIES INC.
04-10-1984	BLACK, SNYLLS & BRYSON, INC.	11.3338 AC.	VOL. 5488, PG. 34	SMITH INDUSTRIES INC.

03-30-1988
DATE

A.M. Mathis
H. M. MATHIS
R.P.L.S. NO. 4517

I HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS THE ACTUAL CONDITIONS FOUND ON THE GROUND AT THE TIME OF THIS SURVEY AND ALL IMPROVEMENTS ARE SHOWN WITHIN THE PROPERTY LINES EXCEPT AS SHOWN.

THIS PROFESSIONAL SERVICE SUBSTANTIALLY CONFORMS TO THE CURRENT STATE SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1A CONTROL SURVEY.

- GENERAL NOTES**
1. REFERENCE TO MAPS, PLANS, RECORDS, ETC. IS MADE FOR INFORMATION ONLY.
 2. NO PORTION OF THE SUBJECT SITE IS LOCATED WITHIN THE 100 YEAR SPECIAL FLOOD HAZARD AREA ACCORDING TO THE MOST RECENT OFFICIAL FLOOD MAP DATED 11-09-1987. THE MAP IS AVAILABLE FROM THE FEDERAL BUREAU OF SURVEYING AND MAPPING, WASHINGTON, D.C.
 3. FUTURE DEVELOPMENT OF THE SITE IS SUBJECT TO CITY OF HOUSTON ORDINANCE NO. 65-1076, PERTAINING TO BUILDING LINES.
 4. FOR ADDITIONAL BUILDING RESTRICTIONS, SEE RESTRICTING COVENANTS RECORDED AT THE HO. H-38868, H.C.S.R.

5. SEE SEPARATE LEGAL DESCRIPTIONS.
6. UTILITIES SHOWN BASED ON CITY OF HOUSTON AND UTILITY COMPANY DRAWINGS WITH FIELD TIES TO CONTAINING SURVEY POINTS.
7. DUE TO A LACK OF HISTORICAL INFORMATION TO VERIFY EXISTING FIELD TIES, ALL UTILITIES SHOWN TO BE APPROXIMATE.
8. EASEMENTS CONTAINED IN VOL. 102, PG. 111 H.C.S.R. AND VOL. 102, PG. 112, H.C.S.R. ARE NOT SHOWN ON THIS PLAN.
9. SEE A SURVEY TO EUREKA ROAD, VOL. 104, PG. 178 & VOL. 102, PG. 114, H.C.S.R.

REVISED 04-13-1988

PREJEAN & COMPANY, INC.
SURVEYING / MAPPING

18.9516 & 0.9416 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
AND PORTIONS OF
LOTS 29 THROUGH 38
WARNECKE SUBDIVISION
(VOL. 353, PG. 481 H.C.D.R.)
HOUSTON, HARRIS COUNTY, TEXAS

DATE 03-30-1988 SCALE: 1"=60' JOB NO. 101-108-1

G.F. NO. 98107855 STEWART TITLE

METES AND BOUNDS DESCRIPTION
16.9516 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

All that certain 16.9516 acres of land out of the John Reinerman Survey, A-642 and portions of Lots 28 through 38, Warnecke Subdivision according to the plat thereof filed at Volume 359, Page 461 Harris County Deed Records and being more particularly described by metes and bounds as follows:

BEGINNING at a found railroad rail in the north right-of-way line of Eureka Road (60' wide) at its intersection with the west right-of-way line of Rawls Street (width varies),

THENCE N 00° 42' 36" W - 473.70', with said west right-of-way line to a found 5/8" iron rod with cap for corner, being the most southerly southeast corner of a called 20.2613 acre tract of land described in a deed dated 02-16-1995 from Smith Industries, Incorporated to Smith Corrosion Services, Inc. filed in the Official Public Records of Real Property of Harris County, Texas at Clerk File No. R-281216, Film Code No. 502-88-0732;

THENCE with the southerly line of said 20.2613 acre tract the following five (5) courses and distances:

West - 136.07' to a found chain link fence corner;
North - 93.10' to a found 5/8" iron rod with cap for corner;
West - 530.66' to a nail found in the concrete base of a chain link fence corner;
North - 147.03' to a found chain link fence corner;
West - 472.00' to a set 5/8" iron rod with cap for corner;

THENCE S 31° 12' 41" W - 177.33', with the easterly line of a tract of land described in a deed dated 08-25-1930 from L. H. Georgi to Houston Lighting & Power Company, filed in Volume 852, Page 431, Harris County Deed Records, to a point for corner;

THENCE N 89° 56' 38" W - 35.06', with the southerly line of said Houston Lighting & Power Company tract, to a point for corner;

THENCE N 310 12'41" E - 177.29', with the westerly line of said Houston Lighting & Power Company tract, to a set 5/8" iron rod with cap for corner;

THENCE with the southerly line of said 20.2613 acre tract the following two (2) courses and distances:

West - 239.08' to a found 5/8" iron rod with cap for corner;
S 00° 41' 36" E - 202.86' to a found P. K. nail in asphalt for corner;

THENCE S 49° 11' 21" E - 599.91', with the northeast line of a called 60' wide easement tract described in a deed dated 09-06-1929 from Houston Belt & Terminal Railway Company to Missouri-Kansas & Texas Railroad Company filed in the Deed Records of Harris County, Texas in Volume 818, Page 43, to a found railroad spike marking the Point of Curvature of a curve to the left having a central angle of 12° 30' 14", a radius of 931.87';

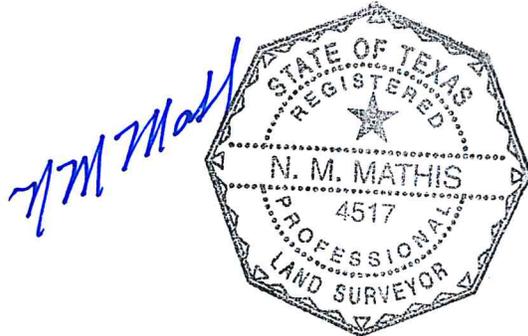
THENCE continuing with said northeast line, at 83.53' pass the most northerly corner of a called 0.15 acre tract described in a Quitclaim Deed dated 08-24-1928 from Adam E. Spurck, et al to Missouri-Kansas-Texas Railroad Company filed in the Deed Records of Harris County, Texas in Volume 771, Page 167, and continue, with the northeast line of said 0.15 acre tract in all an arc distance of 203.37' to a found railroad spike for corner;

THENCE S 89° 43' 50" E - 795.10' with the aforementioned north right-of-way line of Eureka Road to the POINT OF BEGINNING and containing 16.9516 acres (738,414 square feet) of land, more or less.

Compiled from survey by:

PREJEAN & COMPANY, INC.
Surveying/Mapping

n: docs\101-106-1a.mb.doc
March 30, 1998
Reissued Feb 25, 1999



METES AND BOUNDS DESCRIPTION
0.9416 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

All that certain 0.9416 acres of land out of the John Reinerman Survey, A-642 and being all that certain called 0.9367 acre tract of land described in a deed dated 11-20-1961 from Claude A. Zachry, Commissioner to Smith Industries, Inc. filed in the Deed Records of Harris County, Texas at Volume 4556, Page 205 and being more particularly described by metes and bounds as follows:

BEGINNING at a found 2" iron bar in the north right-of-way line of Eureka Road (60' wide) at its intersection with the east right-of-way line of Kansas Street (width varies);

THENCE N 12° 19' 35" W - 239.08', with said east right-of-way line to a P.K. Nail set in asphalt for corner;

THENCE N 40° 29' 15" E - 39.40' to a P.K. Nail set in asphalt for corner in the southwesterly line of a called 60' wide easement tract described in a deed dated 09-06-1929 from Houston Belt and Terminal Railway Company to Missouri-Kansas-Texas Railroad Company filed in the Deed Records of Harris County, Texas at Volume 818, Page 43;

THENCE S 49° 11' 21" E - 299.48' with said southwesterly line to a P.K. Nail set in asphalt marking the Point of Curvature of a curve to the left having a central angle of 06° 33' 46", a radius of 991.87';

THENCE continuing with said southwesterly line for an arc distance of 113.61' to a P.K. Nail set in asphalt for corner in the aforementioned north right-of-way line of Eureka Road;

THENCE N 89° 43' 50" W - 291.27' with said north right-of-way line to the POINT OF BEGINNING and containing 0.9416 acres (41,018 square feet) of land, more or less.

Compiled from survey by:

PREJEAN & COMPANY, Inc.
surveying/mapping

n:101-106-1.mb.doc
March 30, 1998
Reissued Feb 25, 1999



W7# 96107955 JPL

Unit 41 T575486

524-18-2874

STEWART TITLE HOUSTON DIVISION

SPECIAL WARRANTY DEED

STATE OF TEXAS

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF HARRIS

§

§

03/02/99 200093156 T575486

\$19.00

THAT, Gary L. Benson, a resident of Houston, Texas, hereinafter called "Grantor", for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration in hand paid to Grantor by Eureka Properties, Ltd., a Texas limited partnership, hereinafter called "Grantee", whose mailing address is P.O. Box 920970, Houston, Texas 77292-0970, the receipt and sufficiency of which consideration are hereby acknowledged, and for the further consideration of the execution and delivery by Grantee of a promissory note of even date herewith payable to the order of Southwest Bank of Texas, N.A., hereinafter called "Beneficiary," in the original principal sum of Two Million Two Hundred Thousand Dollars (\$2,200,000.00), a portion of which funds have been advanced by Beneficiary to Grantor, at the request of and as a loan to Grantee, representing a portion of the purchase price of the property, bearing interest at the rate and being due and payable as therein specified, the payment of said note being secured by a vendor's lien and superior title herein retained and being additionally secured by a Deed of Trust of even date herewith to George M. Marshall, Trustee, for the use and benefit of Beneficiary, has GRANTED, SOLD and CONVEYED, and by these presents does hereby GRANT, SELL and CONVEY unto Grantee, the real property described on attached Exhibit A, hereinafter called the "Property,"

TO HAVE AND TO HOLD the Property together with all and singular the rights and appurtenances thereto in anywise belonging unto Grantee, its successors and assigns forever, subject to the matters herein stated; and Grantor does hereby bind himself and his successors and assigns, to WARRANT AND FOREVER DEFEND, all and singular, the Property unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through, or under Grantor, but not otherwise.

It is, however, expressly agreed that a vendor's lien and superior title are hereby retained against the Property, in favor of Beneficiary, until the note referenced above and all interest thereon are fully paid according to the face, tenor, effect and reading thereof, when this Deed shall become absolute, and the said vendor's lien and superior title herein retained are hereby transferred, assigned, sold and conveyed to Beneficiary, its successors and assigns, without recourse on Grantor in any manner for the payment of said indebtedness.

This conveyance, however, is made and accepted subject to the vendor's lien retained herein and any other liens securing payment of the note described above, all mineral reservations, restrictions, encumbrances, easements, covenants and conditions relating to the hereinabove described property filed for record in the County Clerk's Office of Harris County, Texas.

Grantor warrants and represents that all ad valorem taxes and assessments for the Property for the year 1998 and all prior years have been fully paid. Grantee assumes liability for the payment of taxes and assessments for the current year.

Hold For:

STEWART TITLE HOUSTON DIVISION

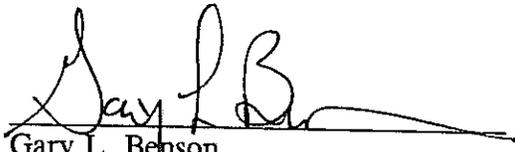
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524-18-2875

By Grantee's acceptance of this Deed, Grantee agrees that Grantor shall not be responsible or liable to Grantee for any conditions affecting the Property, as Grantee is acquiring the same "AS IS," "WHERE IS" and "WITH ALL FAULTS." Grantee or anyone claiming by, through or under Grantee, hereby fully releases Grantor, Grantor's heirs and assigns from any and all claims that Grantee may now have or hereafter acquire against Grantor, for any cost, loss, liability, damage, expense, demand, action or cause of action arising from or related to any conditions affecting the Property. Grantee further acknowledges and agrees that this release shall be given full force and effect according to each of its expressed terms and provisions, including, but not limited to, those relating to unknown and unsuspected claims, damages and causes of action. This covenant releasing Grantor shall be a covenant running with the Property and shall be binding upon Grantee.

EXECUTED this 1st day of March, 1999.


Gary L. Benson

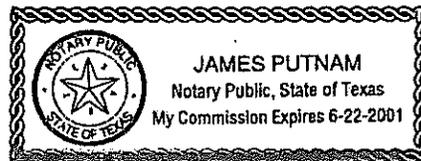
108

Grantee's address:
P.O. Box 920970
Houston, Texas 77292-0970

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

The foregoing instrument was acknowledged before me on the 1 day of March, 1999, by Gary L. Benson.


Notary Public
State of Texas



524-18-2876

**EXHIBIT A
PROPERTY DESCRIPTION**

524-18-2877

METES AND BOUNDS DESCRIPTION
16.9516 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

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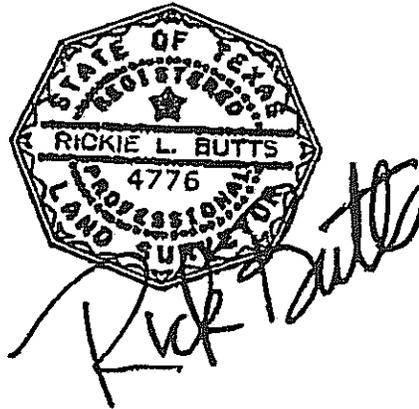
524-18-2878

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Compiled from survey by:

PREJEAN & COMPANY, INC.
Surveying/Mapping
N:\Rick\docs\101-1061.mpb
March 30, 1998



524-18-2879

METES AND BOUNDS DESCRIPTION
0.9416 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

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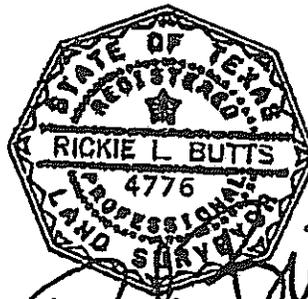
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Compiled from survey by:

PREJEAN & COMPANY, Inc.
surveying/mapp.ng
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March 30, 1998



Rick Butts

COUNTY CLERK
HARRIS COUNTY, TEXAS

Beverly B. Kaufman

99 MAR -2 PM 3:35

FILED

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.

MAR 2 1999



Beverly B. Kaufman
COUNTY CLERK
HARRIS COUNTY TEXAS

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.

ND 127# 96107955 Jpl/ah
Unit 41

524-18-2863

T575484
STEWART TITLE HOUSTON DIVISION

03/02/99 200893154 T575484 \$19.00

SPECIAL WARRANTY DEED

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

THAT THE UNDERSIGNED, GERMAINE COSSABOOM, LIQUIDATING TRUSTEE OF THE SMITH INDUSTRIES, INC. LIQUIDATING TRUST, hereinafter called "Grantor", whether one or more, for and in consideration of the sum of TEN DOLLARS (\$10.00) cash, and other good and valuable consideration in hand paid to Grantor by GARY L. BENSON, ~~TRUSTEE~~, hereinafter called Grantee, whether one or more, whose mailing address is 8300 Hempstead Rd, Houston, TX, the receipt and sufficiency of which consideration is hereby acknowledged, has GRANTED, SOLD and CONVEYED, and by these presents does hereby GRANT, SELL and CONVEY unto Grantee, the real property described on attached Exhibit "A".

TO HAVE AND TO HOLD the Property together with all and singular the rights and appurtenances thereto in anywise belonging unto the said Grantee, its successors and assigns forever, subject to the matters herein stated; and Grantor does hereby bind itself and its successors and assigns, to WARRANT AND FOREVER DEFEND, all and singular, the Property unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through, or under Grantor, but not otherwise.

This conveyance, however, is made and accepted subject to any and all restrictions, encumbrances, easements, covenants and conditions, if any, relating to the hereinabove described property as the same are filed for record in the County Clerk's Office of Harris County, Texas.

Grantor warrants and represents that all ad valorem taxes and assessments for the Property for the year 1998 and all prior years have been fully paid. Subject to the foregoing, such taxes and assessments for the current year have been prorated between the parties hereto as of the effective date of this Deed, and Grantee assumes liability for the payment thereof.

By Grantee's acceptance of this Deed, Grantee agrees that Grantor shall not be responsible or liable to Grantee for any conditions affecting the Property, as Grantee is purchasing the same "AS IS," "WHERE IS" and "WITH ALL FAULTS." Grantee or anyone claiming by, through or under Grantee, hereby fully releases Grantor, Grantor's representatives, attorneys and agents from any and all claims that Grantee may now have or hereafter acquire against Grantor, for any cost, loss, liability, damage, expense, demand, action or cause of action arising from or related to any conditions affecting the Property. Grantee further acknowledges and agrees that this release shall be given full force and effect according to each of its expressed terms and

Hold For:
STEWART TITLE HOUSTON DIVISION

524-18-2864

action. This covenant releasing Grantor shall be a covenant running with the Property and shall be binding upon Grantee.

EXECUTED this 1st day of March, 1999.

Grantee's Address:

6301 Hurst
Houston, Texas 77008-6267

Germaine Cossaboom, Trustee ²⁰

Germaine Cossaboom, Liquidating Trustee
of The Smith Industries, Inc. Liquidating
Trust

THE STATE OF TEXAS

§

COUNTY OF HARRIS

§

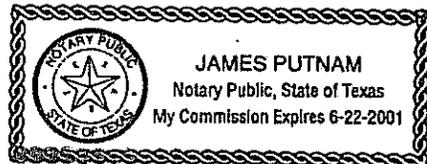
§

The foregoing instrument was acknowledged before me on the 1st day of March, 1999, by Germaine Cossaboom, Liquidating Trustee of The Smith Industries, Inc. Liquidating Trust.

James Putnam

NOTARY PUBLIC, STATE OF TEXAS
PRINTED NAME OF NOTARY

MY COMMISSION EXPIRES:



524-18-2865

EXHIBIT "A"
PROPERTY DESCRIPTION

EXHIBIT "A"

524-18-2866

METES AND BOUNDS DESCRIPTION
16.9516 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

All that certain 16.9516 acres of land out of the John Reinerman Survey, A-642 and portions of Lots 28 through 38, Warnecke Subdivision according to the plat thereof filed at Volume 359, Page 461 Harris County Deed Records and being more particularly described by metes and bounds as follows:

BEGINNING at a found railroad rail in the north right-of-way line of Eureka Road (60' wide) at its intersection with the west right-of-way line of Rawls Street (width varies),

THENCE N 00° 42' 36" W - 473.70', with said west right-of-way line to a found 5/8" iron rod with cap for corner, being the most southerly southeast corner of a called 20.2613 acre tract of land described in a deed dated 02-16-1996 from Smith Industries, Incorporated to Smith Corrosion Services, Inc. filed in the Official Public Records of Real Property of Harris County, Texas at Clerk File No. R-281216, Film Code No. 602-89-0732;

THENCE with the southerly line of said 20.2613 acre tract the following five (5) courses and distances:

- West - 136.07' to a found chain link fence corner;
- North - 93.10' to a found 5/8" iron rod with cap for corner;
- West - 530.56' to a nail found in the concrete base of a chain link fence corner;
- North - 147.03' to a found chain link fence corner;
- West - 472.00' to a set 5/8" iron rod with cap for corner;

THENCE S 31° 12' 41" W - 177.33', with the easterly line of a tract of land described in a deed dated 08-25-1930 from L. H. Georgi to Houston Lighting & Power Company, filed in Volume 852, Page 431, Harris County Deed Records, to a point for corner;

THENCE N 89° 56' 38" W - 35.06', with the southerly line of said Houston Lighting & Power Company tract, to a point for corner;

THENCE N 31° 12' 41" E - 177.29', with the westerly line of said Houston Lighting & Power Company tract, to a set 5/8" iron rod with cap for corner;

THENCE with the southerly line of said 20.2613 acre tract the following two (2) courses and distances:

- West - 239.08' to a found 5/8" iron rod with cap for corner,
- S 00° 41' 36" E - 202.66' to a found P.K. nail in asphalt for corner;

THENCE S 49° 11' 21" E - 595.91', with the northeast line of a called 60' wide easement tract described in a deed dated 09-06-1929 from Houston Belt & Terminal Railway Company to Missouri-Kansas & Texas Railroad Company filed in the Deed Records of Harris County, Texas in Volume 818 Page 43, to a found railroad spike marking the Point of Curvature of a curve to the left having a central angle of 12° 30' 14", a radius of 931.87';

524-18-2867

THENCE continuing with said northeast line, at 83.53' pass the most northerly corner of a called 0.15 acre tract described in a Quitclaim Deed dated 08-24-1928 from Adam E. Spurck, et al to Missouri-Kansas-Texas Railroad Company filed in the Deed Records of Harris County, Texas in Volume 771, Page 167, and continue, with the northeast line of said 0.15 acre tract in all an arc distance of 203.37' to a found railroad spike for corner;

THENCE S 89° 43' 50" E - 795.10' with the aforementioned north right-of-way line of Eureka Road to the POINT OF BEGINNING and containing 16.9516 acres (738,414 square feet) of land, more or less.

524-18-2868

METES AND BOUNDS DESCRIPTION
0.9416 ACRES OUT OF
JOHN REINERMAN SURVEY, A-642
HOUSTON, HARRIS COUNTY, TEXAS

All that certain 0.9416 acres of land out of the John Reinerman Survey, A-642 and being all that certain called 0.9367 acre tract of land described in a deed dated 11-20-1981 from Claude A. Zachry, Commissioner to Smith Industries, Inc. filed in the Deed Records of Harris County, Texas at Volume 4556, Page 205 and being more particularly described by metes and bounds as follows:

BEGINNING at a found 2" iron bar in the north right-of-way line of Eureka Road (60' wide) at its intersection with the east right-of-way line of Kansas Street (width varies);

THENCE N 12° 19' 35" W - 239.08', with said east right-of-way line to a P.K. nail found in asphalt for corner;

THENCE N 40° 29' 15" E - 39.40' to a P.K. nail found in asphalt for corner in the southwesterly line of a called 60' wide easement tract described in a deed dated 09-06-1929 from Houston Belt and Terminal Railway Company to Missouri-Kansas-Texas Railroad Company filed in the Deed Records of Harris County, Texas at Volume 816, Page 49;

THENCE S 49° 11' 21" E - 299.48' with said southwesterly line to a P.K. nail found in asphalt marking the Point of Curvature of a curve to the left having a central angle of 06° 33' 46", a radius of 991.87';

THENCE continuing with said southwesterly line for an arc distance of 113.61' to a P.K. nail found in asphalt for corner in the aforementioned north right-of-way line of Eureka Road;

THENCE N 89° 43' 50" W - 291.27' with said north right-of-way line to the POINT OF BEGINNING and containing 0.9416 acres (41,018 square feet) of land, more or less.

ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE IS UNLAWFUL 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.

MAR 2 1999



Beulah B. Kaufman
COUNTY CLERK
HARRIS COUNTY TEXAS

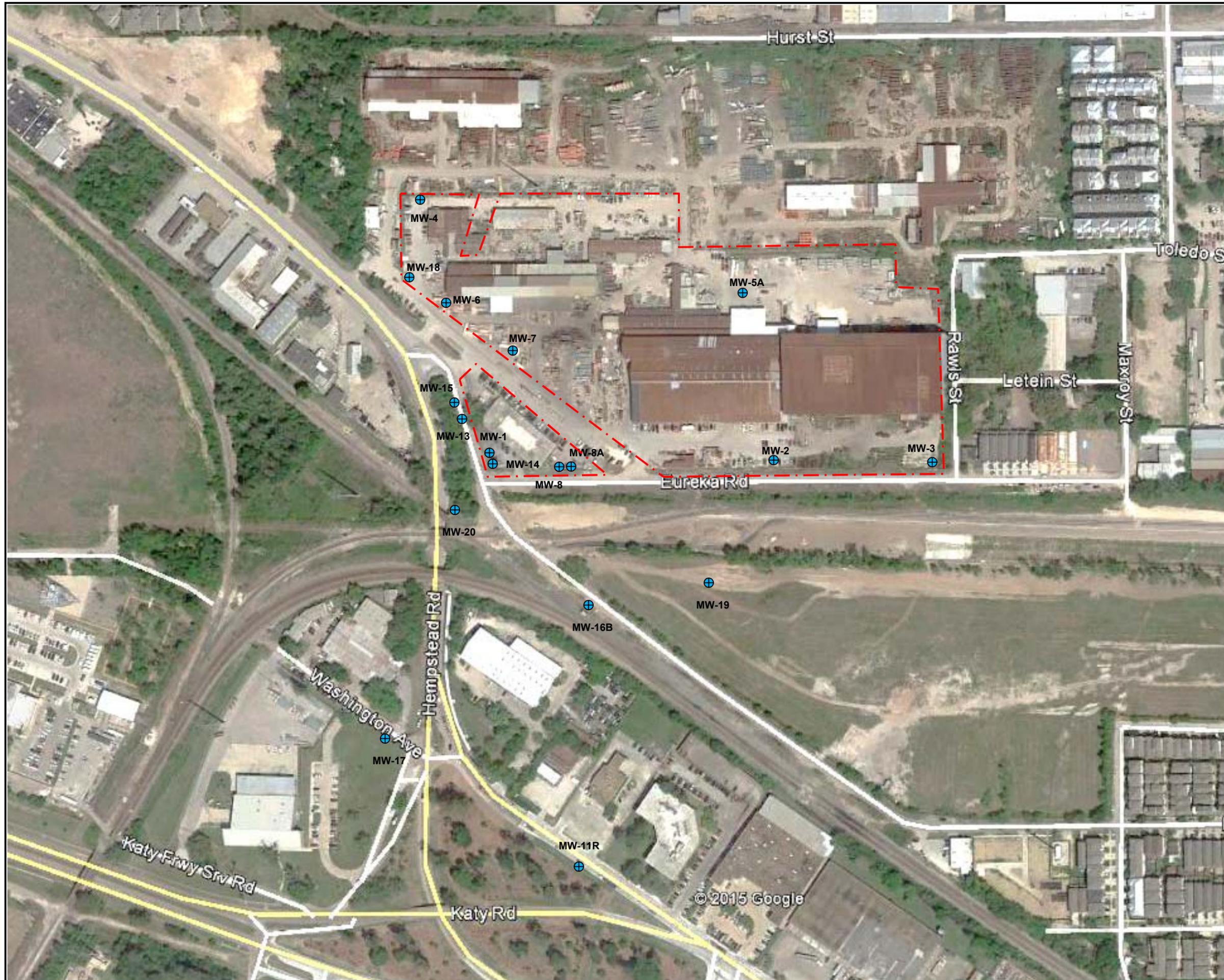
Beulah B. Kaufman
COUNTY CLERK
HARRIS COUNTY TEXAS

99 MAR - 2 PM 3:34

FILED

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.



LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19**



Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

MSD Boundary Map

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 7/7/15	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: A

Appendix B

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

The proposed MSD area is composed of two tracts of land. The main portion of the property is 16.9516-acres which is currently occupied by Baker Concrete. In addition, there is a small tract of land on the southwest side of a former rail spur that is 0.9416-acres. This property is also occupied by Baker Concrete. Both tracts of land are owned by Eureka Properties.

The property is located northwest of downtown Houston, Harris County, Texas and within the City of Houston limits. The affected property is located in a mix of residential and commercial development (**Figure B**). **Figure B** provides a description of the surrounding land use within 500-feet of the site.

The current and future use of the subject property is expected to remain commercial.

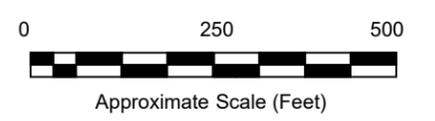
- North – commercial development;
- East – a mix of residential and commercial development;
- South –commercial/vacant;
- West – a mix of residential and commercial development.

The subject area is currently transitioning from commercial/industrial to residential.



LEGEND:

-  MSD Boundary
-  500-ft Boundary



Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

500-ft Boundary

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 3/17/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: B

Appendix C

A site map showing:

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

The following is a listing of figures included in **Appendix C**.

Figure C1 – Topographic Map

Figure C2 – Watershed Map

Figure C3 – Flood Plain Map

Figure C4-1 – TCE Concentrations in Groundwater (March 2016)

Figure C4-2 – Cis-1,2-DCE Concentrations in Groundwater (March 2016)

Figure C4-3 – VC Concentrations in Groundwater (March 2016)

Figure C4-4 – 1,1-DCE Concentrations in Groundwater (March 2016)

Figure C5 – Soil Boring Location Map

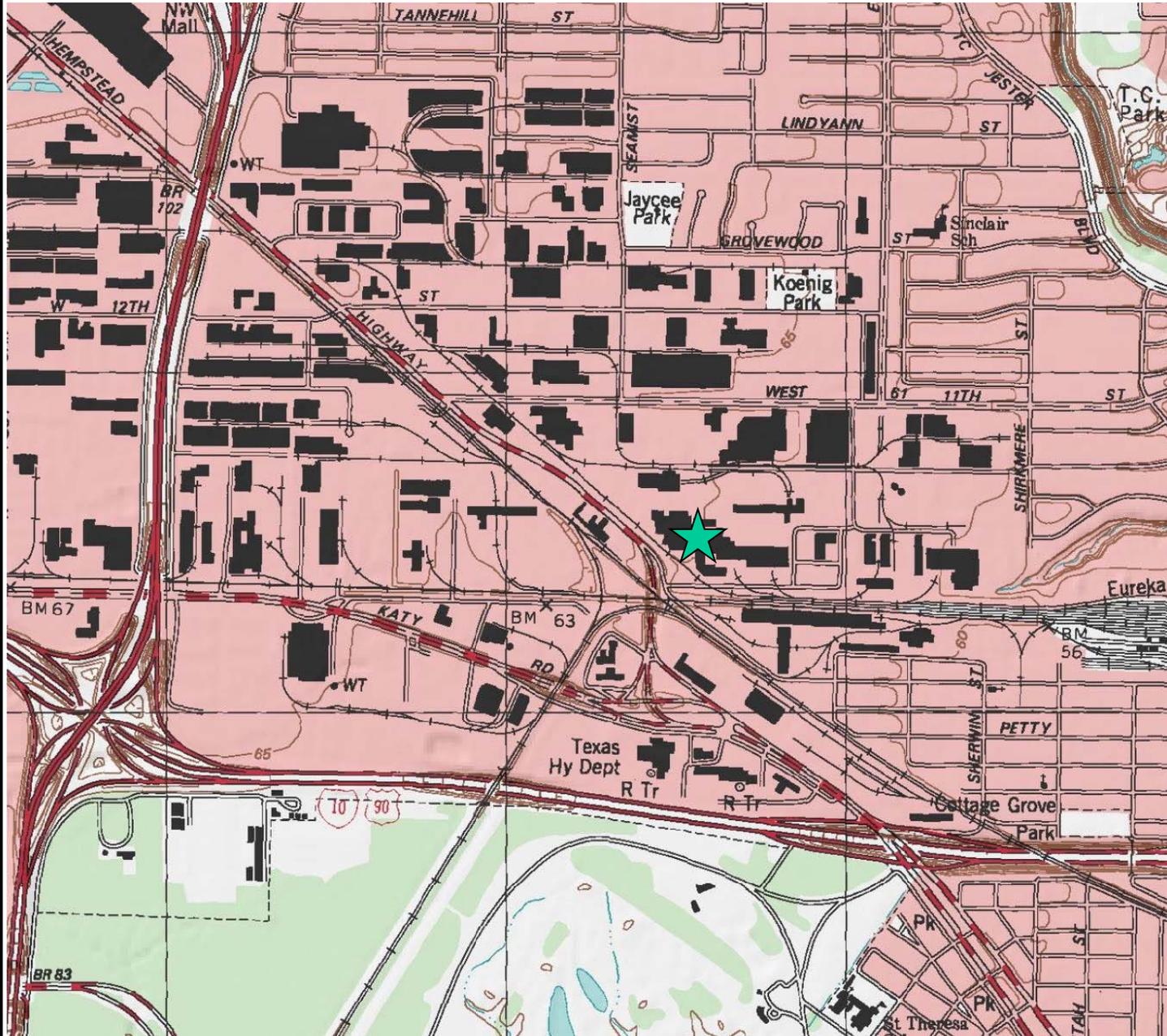
Figure C6 – Groundwater Monitoring Well Location Map

Figure C7 – Groundwater Gradient Map (March 2016)

Figure C1 depicts the geographic location of the site. The subject property is located in the White Oak Bayou watershed (**Figure C2**) and the property is not located within the 100-year floodplain (**Figure C3**).

Figure C4-1 through **Figure C4-4** depicts the Median Specific Concentration (MSC) exceedance zones associated with the subject property. **Figure C5** and **Figure C6** depict the locations of the soil and groundwater samples, respectively. The groundwater gradient is highly influenced by surface features and road cuts for Hempstead Highway and the surrounding area. The groundwater gradient is generally to the south. However, on the northern portion of the site, the groundwater gradient is to the southeast and as it moves southerly, the groundwater flow radiates to the southwest. The general groundwater gradient is approximately 0.009 feet/foot (**Figure C7**). The primary chemicals of concern (COCs) are trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), and 1,1-dichloroethene (1,1-DCE) (**Figure C4-1** through **Figure C4-4**).

The first groundwater bearing unit is comprised of sand and is encountered at a depth of approximately 30-foot (ft) below ground surface (bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 35-ft bgs and is underlain by a clay. The average static depth to groundwater in the monitoring wells is 12-ft bgs.



LEGEND:

★ Site



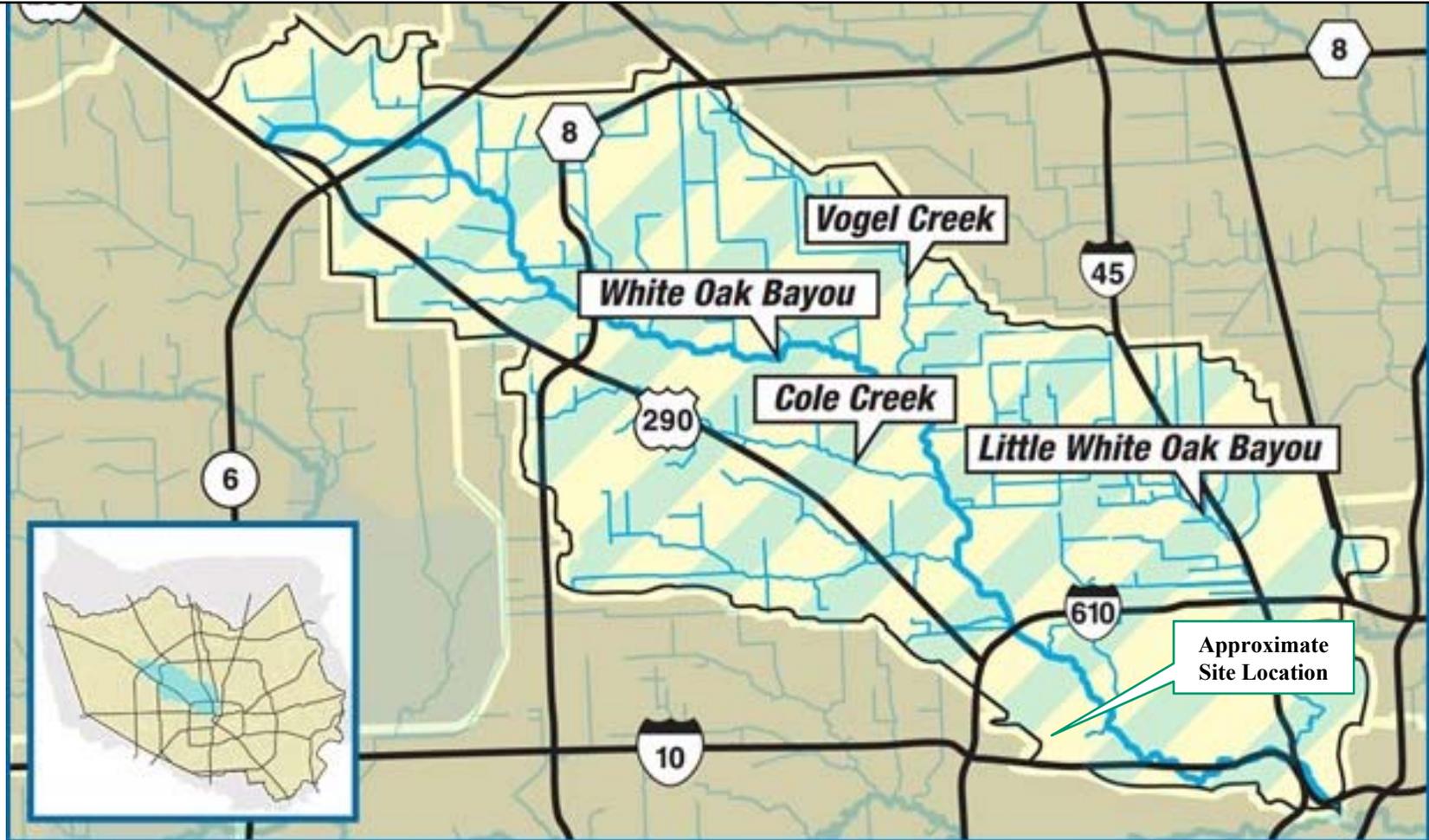
Approximate Scale (Feet)

InControl Technologies, Inc.

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Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

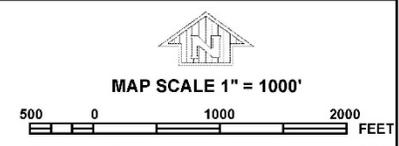
Topographic Map

CLIENT:	Baker Concrete Products		PM:	MFM
LOCATION:	8300 Hempstead Hwy Houston, Texas 77008		CHECKED:	
DETAILED:	DESIGNED:	PROJECT NO.:	FIGURE:	
7/10/15	LMG	798-101	C1	



Source: Harris County Flood Control District

InControl Technologies, Inc.			
14731 Pebble Bend Drive Houston, Texas 77068 (281) 580-8892 FAX (281) 580-8853			
White Oak Bayou Watershed			
CLIENT:	Baker Concrete Products	PM:	MFM
LOCATION:	8300 Hempstead Hwy Houston, Texas 77008		CHECKED:
DETAILED:	DESIGNED:	PROJECT NO.:	FIGURE:
4/7/16	LMG	798-101	C2



PANEL 0670M

FIRM
FLOOD INSURANCE RATE MAP
HARRIS COUNTY,
TEXAS
AND INCORPORATED AREAS

PANEL 670 OF 1150
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS	NUMBER	PANEL	SUITE/IX
COMMUNITY			
HOUSTON, CITY OF	482786	0670	M

Notice to User: This Map Number shown below should be used when obtaining map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
48201C0670M

MAP REVISED
JUNE 9, 2014

Federal Emergency Management Agency

JOINS PANEL 0665

Source: FEMA

InControl Technologies, Inc.
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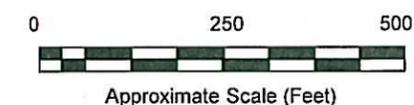
Flood Plain Map

CLIENT:	Baker Concrete Products		PM:	MFM
LOCATION:	8300 Hempstead Hwy Houston, Texas 77008		CHECKED:	
DETAILED:	DESIGNED:	PROJECT NO.:	FIGURE:	
4/7/16	LMG	798-101	C3	



LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19**
-  Medium Specific Concentration Limit
TCE = 0.005 mg/L
- NS = Not Sampled



Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

**TCE Concentration Map
 March 2016**

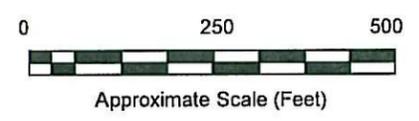
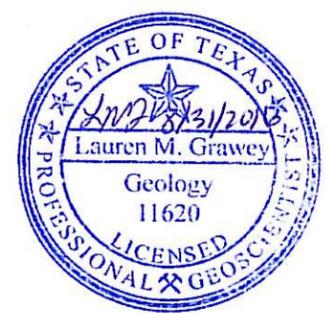
CLIENT:	Baker Concrete Products	PM:	MFM
LOCATION:	8300 Hempstead Road Houston, TX 77008	CHECKED:	
DETAILED:	DESIGNED:	PROJECT NO:	FIGURE:
3/17/16	LMG	798-101-1	C4-1



LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19**
-  Medium Specific Concentration Limit
Cis-1,2-DCE = 0.07 mg/L

NS = Not Sampled

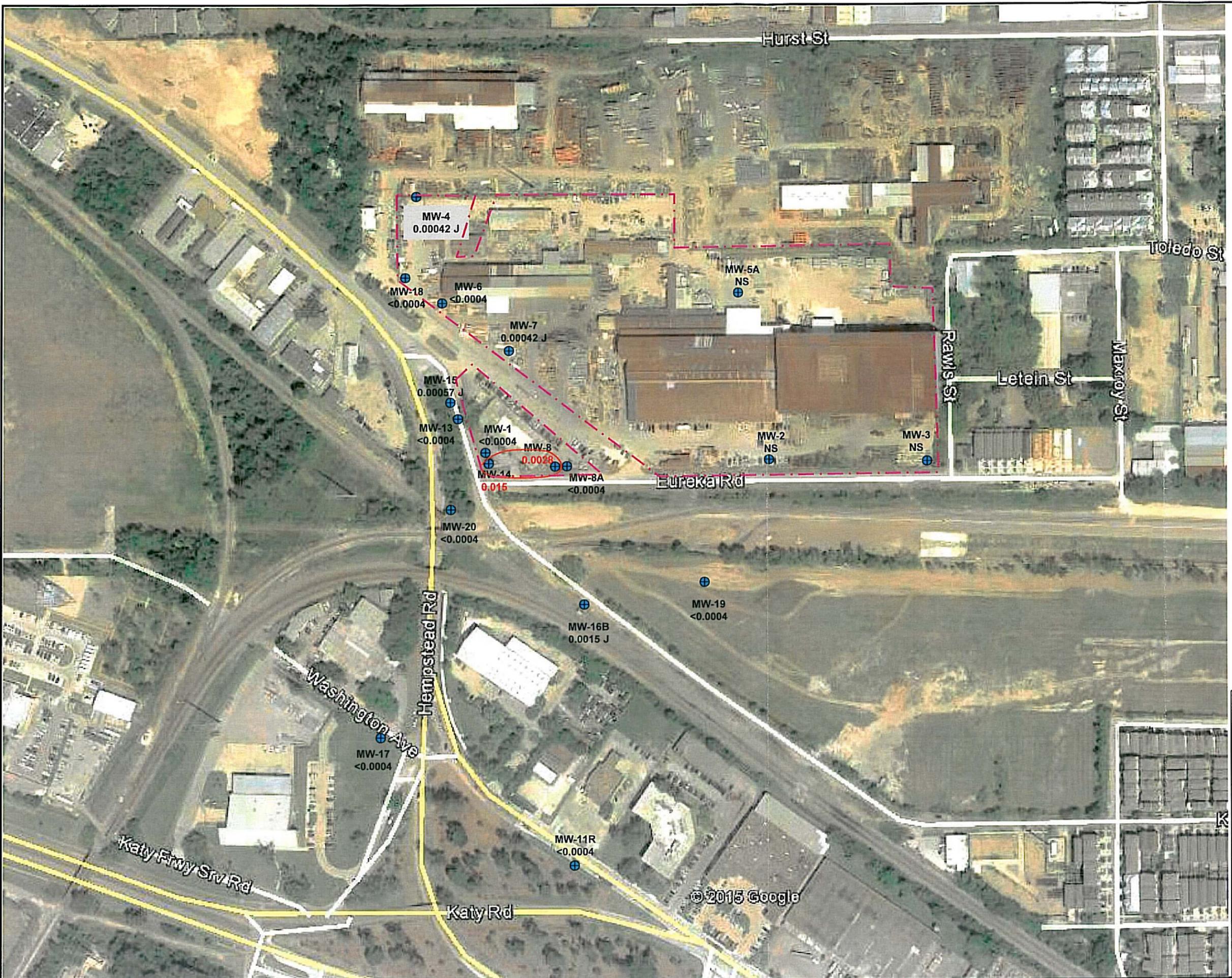


Date of Aerial: 4/8/2014

InControl Technologies, Inc.
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 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

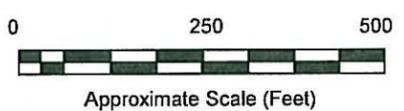
**Cis-1,2-DCE Concentration Map
 March 2016**

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 3/17/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C4-2



LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19
-  Medium Specific Concentration Limit
VC = 0.002 mg/L
- NS = Not Sampled



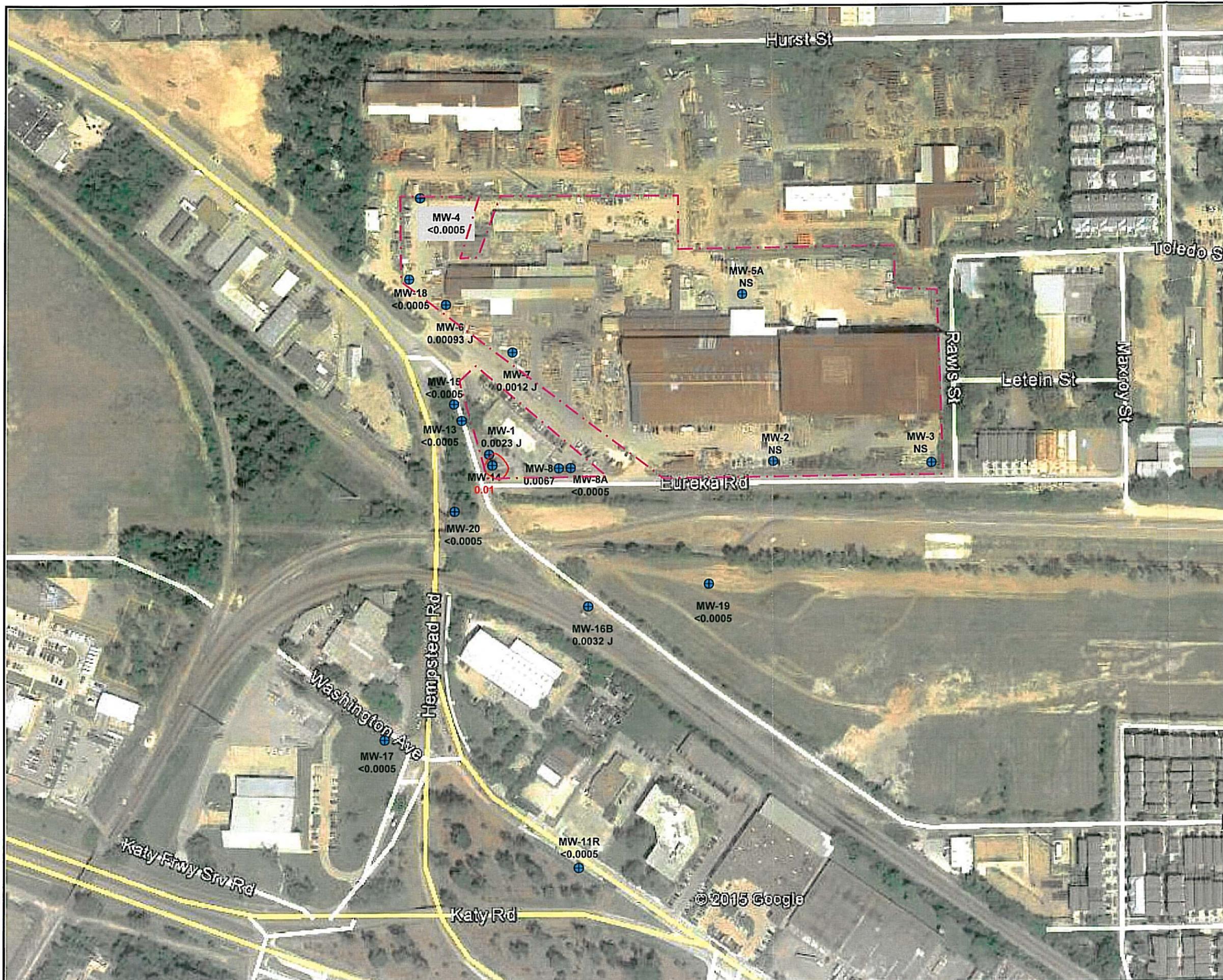
Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

**VC Concentration Map
 March 2016**

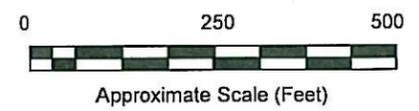
CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 3/17/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C4-3

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LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19**
-  Medium Specific Concentration Limit
1,1-DCE = 0.007 mg/L
- NS = Not Sampled



Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

**1,1-DCE Concentration Map
 March 2016**

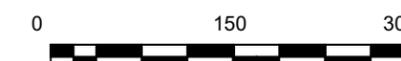
CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 3/17/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C4-4

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LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
- MW-19**
-  Soil Boring Location
- J-25**



Approximate Scale (Feet)

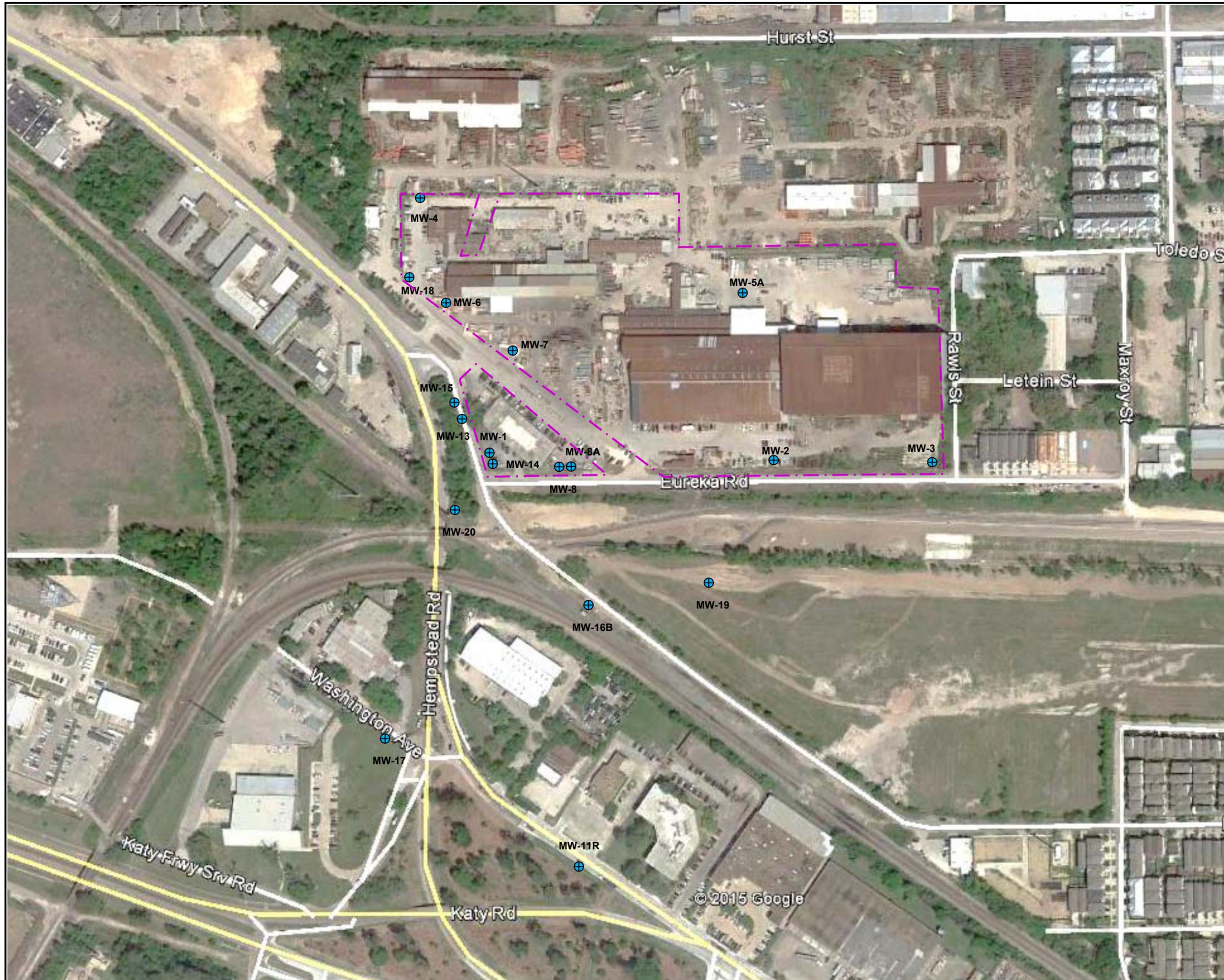
Date of Aerial: 4/8/2014

InControl Technologies, Inc.

14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Soil Sampling Location Map

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 4/19/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C5



LEGEND:

- MSD Boundary
- + Groundwater Monitoring Well

MW-19



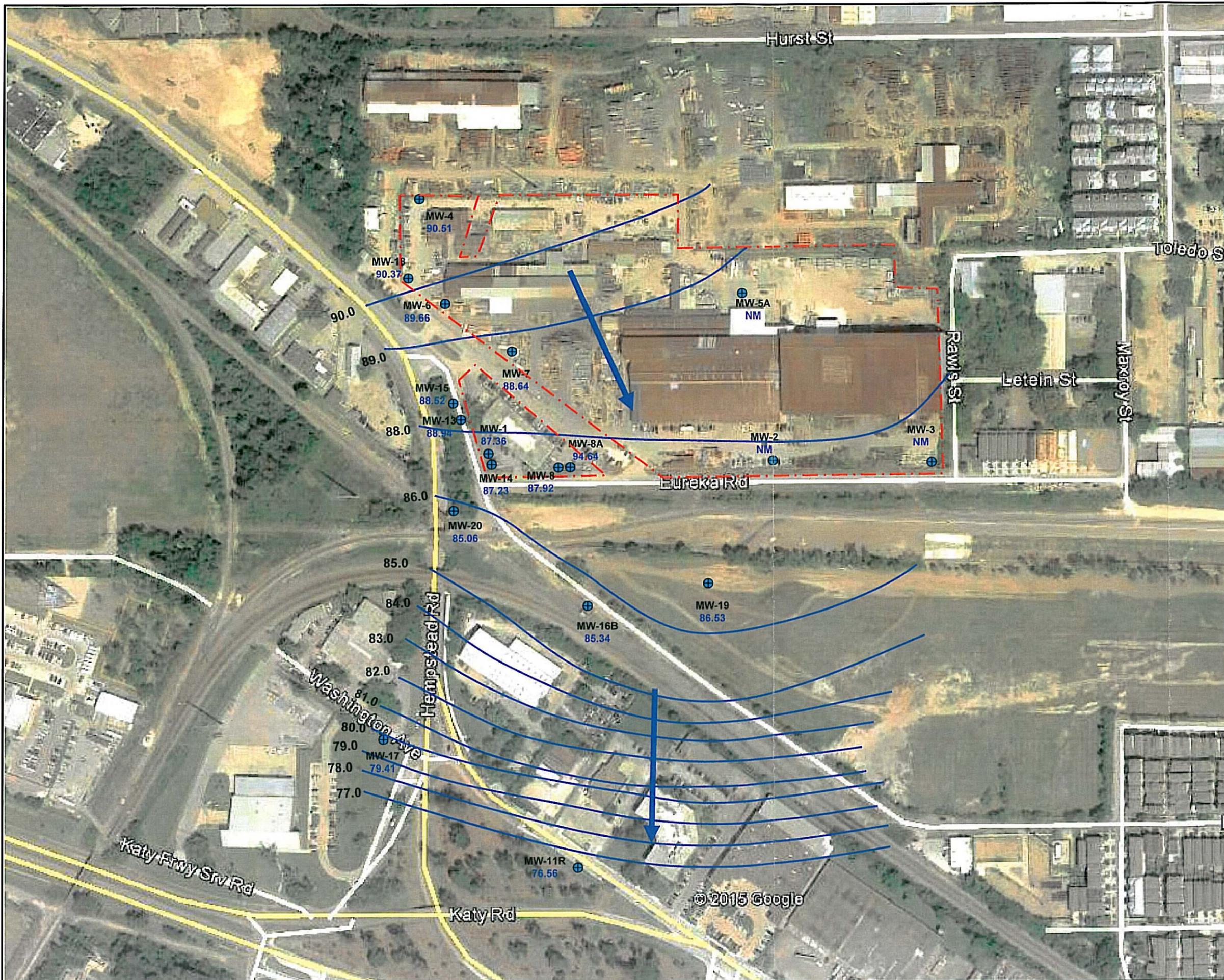
Approximate Scale (Feet)

Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

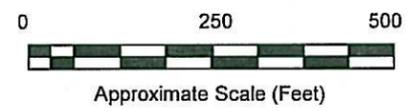
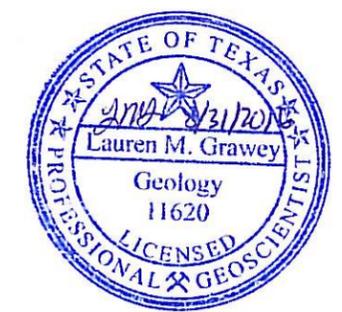
Monitoring Well Location Map

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 7/7/15	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C6



LEGEND:

-  MSD Boundary
-  Groundwater Monitoring Well
-  Gradient Contour



Date of Aerial: 4/8/2014

InControl Technologies, Inc.
 14731 Pebble Bend Drive
 Houston, Texas 77068
 (281) 580-8892 FAX (281) 580-8853

**Groundwater Gradient Map
 March 2016**

CLIENT: Baker Concrete Products		PM: MFM	
LOCATION: 8300 Hempstead Road Houston, TX 77008		CHECKED:	
DETAILED: 3/17/16	DESIGNED: LMG	PROJECT NO: 798-101-1	FIGURE: C7

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Appendix D

For each contaminant of concern within the designated groundwater:

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

A) Protective Concentration Level Exceedance (PCLE) Zone – A review of recent groundwater sampling data indicates that the chemicals of concern (COCs) that currently exceed the Texas Risk Reduction Rule Medium Specific Concentrations (MSCs) are trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), and 1,1-dichloroethene (1,1-DCE) (**Table D1**). The MSC exceedance zones are depicted on **Figure C4-1** through **Figure C4-4** and are discussed in more detail below. The concentrations in all monitoring wells are relatively stable. The area of affected groundwater is laterally delineated. This project is seeking closure under the Risk Reduction Rule. Under that program, there are no non-ingestion standards. For the purpose of this application, the Texas Risk Reduction Program (TRRP) non-ingestion protective concentration levels (PCLs) are being used. A comparison of the groundwater sampling results with applicable non-ingestion PCLs ($^{Air}GW_{Inh-V}$) indicates that none of the groundwater samples report any concentrations above the $^{Air}GW_{Inh-V}$ PCL.

The first groundwater bearing unit is comprised of sand and is encountered at a depth of approximately 30-bgs during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 35-ft bgs and is underlain by a clay. The average static depth to groundwater in the monitoring wells is 12-ft bgs.

B) Groundwater Data Ingestion PCL Exceedances – The following table represents the most recent groundwater monitoring data for the site collected in March 2016.

Table D1 – Groundwater Ingestion PCL Exceedances in First Groundwater Bearing Unit

Monitoring Well ID	PCE (mg/L)	TCE (mg/L)	Cis-1,2-DCE (mg/L)	VC (mg/L)	1,1-DCE (mg/L)
Median Spec. Conc.	0.005	0.005	0.07	0.002	0.007
Tier 1 ^{Air}GW_{Inh-v} PCLs	500	24	1,200	3.8	1,700
MW-1	<0.0006	0.17	0.064	<0.0004	0.0023 J
MW-4	<0.0006	0.025	0.1	0.00042 J	<0.0005
MW-6	<0.0006	0.019	0.012	<0.0004	0.00093 J
MW-7	<0.0006	0.04	0.024	0.00042 J	0.0012 J
MW-8	<0.0006	0.73	0.1	0.0028	0.0067
MW-8A	<0.0006	<0.0005	<0.0006	<0.0004	<0.0005
MW-11R	<0.0006	0.0057	0.00082 J	<0.0004	<0.0005
MW-13	<0.0006	0.0017 J	<0.0006	<0.0004	<0.0005
MW-14	<0.0006	1.7	0.23	0.015	0.01
MW-15	<0.0006	0.0074	0.0054	0.00057 J	<0.0005
MW-16B	<0.0006	0.32	0.041	0.0015 J	0.0032 J
MW-17	<0.0006	0.00071 J	<0.0006	<0.0004	<0.0005
MW-18	<0.0006	0.0019 J	0.00091 J	<0.0004	<0.0005
MW-19	<0.0006	0.0016 J	<0.0006	<0.0004	<0.0005
MW-20	<0.0006	0.008	0.004 J	<0.0004	<0.0005

Notes – Values in **Bold** exceed the MSC (ingestion PCLE)

Values in **Bold** exceed the ^{Air}GW_{Inh-v} PCL (non-ingestion PCLE)

All groundwater COC concentrations observed at the site to date are less than the ^{Air}GW_{Inh-v} non-ingestion PCL. The plume is laterally delineated.

C) Groundwater COCs – The COCs detected in groundwater samples (TCE and its breakdown products) are associated with the use of chlorinated solvents for cleaning machined parts within the proposed MSD boundary.

Chlorinated solvents are characterized by their high volatilities, high densities, low viscosities, low interfacial tension, low absolute solubilities, high relative solubilities, low partitioning to soil materials and low degradability. Chlorinated solvents will dissolve in water at low concentrations but once the groundwater has reached the saturation limit for that compound, the chlorinated solvent will form a separate phase in equilibrium with the water. Because chlorinated solvents have higher densities relative to water, the separate phase may “sink”. However, these compounds tend to form micro-droplets which adhere to the soil particles within the saturated unit. It is also common for these chemicals to collect within the capillary

fringe between the vadose zone and the saturated unit. Because of these characteristics, these compounds are referred to as “dense non-aqueous phase liquids” (DNAPLs). In extremely high concentrations DNAPLs can penetrate the water table and form “pools” on the top of less permeable layers. Historically, DNAPL has not been identified in any of the monitor wells within the groundwater monitor well network using both an interface probe and visual screening.

Based on the field observations and laboratory results, it appears that the groundwater COCs on the subject property are primarily dissolved in the shallow groundwater.

Appendix E

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

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

Appendix E contains tables summarizing the concentration levels for the primary chemicals of concern in soil and groundwater. The tables include the concentration level, the ingestion protective concentration limits ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), the non-ingestion protective concentration limits for soil ($^{Tot}Soil_{Comb}$ and $^{Air}Soil_{Inh-V}$) and groundwater ($^{Air}GW_{Inh-V}$), the critical protective concentration limits assuming no MSD is in place ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), and the critical PCLs assuming that an MSD is in place ($^{Tot}Soil_{Comb}$ for soil and $^{Air}GW_{Inh-V}$ for groundwater). The following is a list of the tables in **Appendix E**.

- Table E1** Volatile Organic Compounds (VOCs) in Soil
- Table E2** Total Petroleum Hydrocarbons (TPH) in Soil
- Table E3** RCRA Metals in Soil
- Table E4** Volatile Organic Compounds (VOCs) in Groundwater

Table 1
 Summary of Volatile Organic Compounds in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,2-Dichloroethane
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Median Specific Concentration			3.7	120	140	0.036	0.27
B-1	15	2/5/1996	0.018	-	-	-	-
B-3	12	2/5/1996	<0.005	-	-	-	-
E-25	2	2/6/1996	-	<0.005	0.006	<0.005	<0.005
F-25	2	2/7/1996	-	0.089	<0.005	0.007	0.085
MW-6	28	7/30/1997	0.008	-	-	-	-
MW-7	34	7/30/1997	0.15	-	-	-	-

Notes: <: Analyte was not detected at or above the reported sample detection limit

Table 2
 Summary of Total Petroleum Hydrocarbons in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	C6 to C35 (Total) mg/kg
Median Specific Concentration			15
A-15	2	2/5/1996	928
	10	2/5/1996	<10.0
A-25	2	2/5/1996	21
	10	2/5/1996	<10.0
B-15	10	2/5/1996	<10.0
B-25	2	2/6/1996	37
	10	2/6/1996	11
BKG01		7/30/1997	188
BKG02		7/30/1997	83
BKG03		7/30/1997	81
BKG04		7/30/1997	66
BKG05		7/30/1997	683
C-15	2	2/6/1996	533
	10	2/6/1996	<10.0
C-25	2	2/6/1996	576
	10	2/6/1996	<10.0
D-15	2	2/6/1996	1160
	10	2/6/1996	<10.0
D-25	2	2/6/1996	<10.0
	10	2/6/1996	<10.0
E-15	2	2/6/1996	37
	10	2/6/1996	<10.0
E-25	2	2/6/1996	<10.0
	10	2/6/1996	<10.0
F-15	2	2/7/1996	30
	10	2/7/1996	27
F-25	2	2/7/1996	15
	10	2/7/1996	<10.0
G-15	2	2/7/1996	23
	10	2/7/1996	26
G-25	2	2/7/1996	22
	10	2/7/1996	<10.0
H-15	2	2/7/1996	26
	10	2/7/1996	25

Table 2
 Summary of Total Petroleum Hydrocarbons in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	C6 to C35 (Total) mg/kg
Median Specific Concentration			15
H-25	2	2/7/1996	47
	10	2/7/1996	10
I-15	2	2/7/1996	46
	10	2/7/1996	30
I-25	2	2/7/1996	<10.0
	10	2/7/1996	<10.0
J-15	2	2/7/1996	20
	10	2/7/1996	<10.0
J-25	10	2/7/1996	<10.0
SS-1		2/5/1996	65
SS-11		2/6/1996	30
SS-12		2/6/1996	37
SS-13		2/6/1996	27
SS-2		2/5/1996	110
SS-23		8/6/1997	325
SS-24		8/6/1997	265
SS-25		8/6/1997	430
SS-27		8/6/1997	10700
SS-27A		2/19/1998	13000
SS-28		2/19/1998	2910
SS-29	0-0.5	10/1/1998	201
SS-3		2/5/1996	65
SS-30	0-0.5	10/1/1998	247
SS-31	0-0.5	10/1/1998	<50.0
SS-4		2/5/1996	80
SS-5		2/5/1996	80
SS-6		2/5/1996	70
MW-1	2	7/2/1995	245
	10	7/2/1995	16
MW-2	2	7/2/1995	159
	10	7/2/1995	<10.0
MW-3	2	7/11/1995	774
	10	7/11/1995	<10.0
MW-4	2	7/11/1995	203
	10	7/11/1995	<10.0

Table 2
 Summary of Total Petroleum Hydrocarbons in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	C6 to C35 (Total) mg/kg
Median Specific Concentration			15
MW-5	2	7/11/1995	294
	10	7/11/1995	46
MW-6	28	7/30/1997	<10.0
MW-7	34	7/30/1997	<10.0
MW-8	29	7/31/1997	<10.0
MW-8A	12	7/31/1997	10
MW-9	7	8/5/1997	72
	21	8/5/1997	<10.0
MW-10	28	8/5/1997	<10.0

Notes: Exceeds an MCL
 <: Analyte was not detected at or above the reported sample detection limit

Table 3
Summary of RCRA Metals in Soil
Former Smith Industries
8300 Hempstead, Houston, TX 77008
VCP No. 275

Sample ID	Depth	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Median Specific Concentration			20	2600	52	5900	500	0.011	130	47	5900
A-15	2	2/5/1996	3.1	103	<1.0	16.1	91.8	0.04	<0.5	<1.0	529
	10	2/5/1996	1.8	27.5	<1.0	8.4	<5.0	<0.01	<0.5	<1.0	7.5
A-25	2	2/5/1996	1.2	17.3	<1.0	4.4	<5.0	<0.01	<0.5	<1.0	11.9
	10	2/5/1996	<0.5	7.6	<1.0	5.9	<5.0	<0.01	<0.5	<1.0	4.8
B-1	2	2/5/1996	2.39	84	5.89	21	430	<0.1	<0.5	<2.0	61300
	4	2/5/1996	-	-	-	6.81	13	-	-	-	36100
	15	2/5/1996	-	-	-	7.4	20	-	-	-	5300
B-15	10	2/5/1996	1.7	162	<1.0	7.7	<5.0	<0.01	<0.5	<1.0	8.6
B-2	14	2/6/1996	-	-	-	7.3	1.5	-	-	-	1360
B-25	2	2/6/1996	2	37.1	<1.0	35.9	27.1	0.05	<0.5	<1.0	507
	10	2/6/1996	1.8	32.7	<1.0	10.2	5.3	0.14	<0.5	<1.0	8.4
B-3	12	2/5/1996	-	-	-	<2.0	3.8	-	-	-	575
B-4	11	2/6/1996	-	-	-	<2.0	2.9	-	-	-	395
B-6		2/6/2016	-	-	-	10.3	2.1	-	-	-	1400
BKG01		7/30/1997	1.7	170	<0.06	26	189	<0.025	<0.07	<0.016	1000
BKG02		7/30/1997	3.4	88	0.5	18	52	<0.025	<0.07	<0.06	770
BKG03		7/30/1997	4	181	0.38	32	103	<0.025	<0.07	<0.06	1270
BKG04		7/30/1997	3.5	66	<6.0	13	54	0.031	<0.07	<0.06	1090
BKG05		7/30/1997	29	116	1	83	423	0.046	<0.07	<0.06	2920
C-15	2	2/6/1996	28	105	5	211	280	0.11	1.03	<1.0	978
	10	2/6/1996	3	95.4	<1.0	8.3	8.6	<0.01	<0.5	<1.0	12.1
C-25	2	2/6/1996	1.7	52.5	<1.0	5.6	31.2	0.14	<0.5	<1.0	23.1
	10	2/6/1996	2.5	29.2	<1.0	10.2	5.3	0.14	<0.5	<1.0	354
D-15	2	2/6/1996	3	84.7	<1.0	149	72.4	0.03	1.28	<1.0	314
	10	2/6/1996	2.3	12.1	<1.0	4.6	<5.0	<0.01	<0.5	<1.0	5.3

Table 3
Summary of RCRA Metals in Soil
Former Smith Industries
8300 Hempstead, Houston, TX 77008
VCP No. 275

Sample ID	Depth	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Median Specific Concentration			20	2600	52	5900	500	0.011	130	47	5900
D-25	2	2/6/1996	1.3	26.6	<1.0	4.2	<5.0	0.01	<0.5	<1.0	4
	10	2/6/1996	3.2	75.5	<1.0	6.9	5.9	0.01	<0.5	<1.0	8
E-15	2	2/6/1996	2.3	31.5	<1.0	10.7	6.1	0.04	<0.5	<1.0	10.6
	10	2/6/1996	0.9	33.3	<0.0	3.1	<5.0	<0.01	<0.5	<1.0	75.6
E-25	2	2/6/1996	1.6	30.8	<1.0	23.2	<5.0	<0.01	<0.5	<1.0	6.6
	10	2/6/1996	2.1	74.5	<1.0	7.7	<5.0	<0.01	<0.5	<1.0	6.9
F-15	2	2/7/1996	<0.5	16.6	<1.0	3.8	<5.0	<0.01	<0.5	<1.0	10.6
	10	2/7/1996	3.1	17.7	<1.0	4	9.6	<0.01	<0.5	<1.0	5.3
F-25	2	2/7/1996	1.2	46.7	<1.0	5.8	5.2	0.01	<0.5	<1.0	5.2
	10	2/7/1996	3.9	42.3	<1.0	3.2	8	0.01	<0.5	<1.0	6
G-15	2	2/7/1996	1.1	7.5	<1.0	3.4	<5.0	<0.01	<0.5	<0.1	8.2
	10	2/7/1996	1.5	44	<1.0	6.4	8.7	<0.01	<0.5	<1.0	8.3
G-25	2	2/7/1996	2.3	43.5	<1.0	13.2	6.3	<0.01	1.2	<1.0	14.3
	10	2/7/1996	4.5	121	<1.0	5.9	7	<0.01	<0.52	<1.0	4.3
H-15	2	2/7/1996	4.1	33	<1.0	5.5	6.1	0.01	<0.5	<1.0	7.5
	10	2/7/1996	<0.5	21.2	<1.0	4.3	<5.0	<0.01	<0.5	<1.0	4
H-25	2	2/7/1996	3	72.8	<1.0	9.9	6.5	<0.01	1.08	<1.0	10.7
	10	2/7/1996	1.3	46.6	<1.0	3.5	<5.0	<0.01	<0.5	<1.0	3
I-15	2	2/7/1996	3	34.2	<1.0	5.7	25.3	0.02	<0.5	<1.0	21.7
	10	2/7/1996	0.8	12.1	<1.0	9.8	5.7	<0.01	<0.5	<1.0	84
I-25	2	2/7/1996	1	24.2	<1.0	3.4	5.7	<0.01	<0.5	<1.0	3.4
	10	2/7/1996	1.5	29.2	<1.0	4.9	6.9	<0.01	<0.5	<1.0	3.1
J-15	2	2/7/1996	1.2	14.3	<1.0	3.4	<5.0	0.02	<0.5	<1.0	5.2
	10	2/7/1996	6.4	97.5	<1.0	7.2	6.4	0.02	<0.5	<1.0	1090

Table 3
 Summary of RCRA Metals in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Median Specific Concentration			20	2600	52	5900	500	0.011	130	47	5900
J-25	10	2/7/1996	0.8	121	<1.0	4	6.4	<0.01	<0.5	<1.0	4.3
SB25-036	3-3.5	7/27/1998	-	37.1	-	9.65	3.38	-	-	-	8.69
SB25-078	6.5-7	7/27/1998	-	19.7	-	6.68	4.96	-	-	-	151
SB25-144	12-12.5	7/27/1998	-	16.9	-	11.2	3.63	-	-	-	357
SS-1		2/5/1996	94.5	348	-	63.9	800	-	-	-	2480
SS-11		2/6/1996	1.56	71.7	0.26	9.01	80	<0.1	<0.5	<2.0	166
SS-12		2/6/1996	2.65	130	0.82	13.9	540	0.11	0.73	<2.0	529
SS-13		2/6/1996	4.23	43.8	0.34	12.6	80	<0.1	<0.5	<2.0	250
SS-2		2/5/1996	3.9	271	-	33.2	450	-	-	-	2940
SS-20		7/3/1996	10.3	72.6	8.43	45.6	1700	<0.1	1	<2.0	247000
SS-21		7/3/1996	10.2	95.5	<2.0	92.5	112	<0.01	<0.5	<2.0	1640
SS-22		8/9/1997	63.1	129	1.99	40.7	331	0.129	<0.07	<0.06	1360
SS-23		8/6/1997	10.9	133	1.43	38.1	77.2	0.214	<0.07	4.34	5480
SS-23A		2/19/1998	-	-	-	-	-	-	-	-	2900
SS-24		8/6/1997	69.4	117	2.82	132	274	0.238	<0.07	<0.06	4290
SS-24A	0	2/19/1998	10.9	119	4.09	58.7	92.6	0.86	<0.1	<0.1	3040
	2	2/19/1998	2.13	15.8	<0.06	2.56	2.91	<0.05	<0.1	<0.1	101
	3	2/19/1998	1.89	24.1	<0.06	6.37	14	<0.025	<0.1	<0.1	91.6
	4	2/19/1998	1.43	121	<0.06	7.77	6.77	<0.025	<0.1	<0.1	17.4
SS-25		8/6/1997	23.6	93.8	1.06	106	265	<0.025	<0.07	<0.06	2650
SS-26		8/6/1997	33	123	1.35	105	79	0.478	<0.07	<0.06	936
SS-27		8/6/1997	14	130	1.46	129	277	<0.025	<0.07	<0.06	4500
SS-27A		2/19/1998	-	-	-	-	-	-	-	-	4150
SS-3		2/5/1996	18.6	44.7	-	20.5	54	-	-	-	211

Table 3
 Summary of RCRA Metals in Soil
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Depth	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Median Specific Concentration			20	2600	52	5900	500	0.011	130	47	5900
SS-4		2/5/1996	24.3	20.3	<0.1	5.12	5	<0.1	<0.5	<2.0	-
SS-7		2/5/1996	-	-	-	105	1680	-	-	-	18200
SS-8		2/5/1996	-	-	-	274	50	-	-	-	3480
MW-1	2	7/2/1995	2.4	85.1	<1.0	8.3	18.9	0.04	0.59	<1.0	64.1
	10	7/2/1995	1	28.5	<1.0	3.4	<5.0	<0.01	0.05	<1.0	3.4
MW-2	2	7/2/1995	103	42.5	<1.0	12.1	25.1	0.02	<0.5	<1.0	125
	10	7/2/1995	2.2	17.8	<1.0	4	8.1	<0.01	<0.5	<1.0	4.1
MW-3	2	7/11/1995	240	345	4.2	70.3	867	0.58	2.78	<1.0	2520
	10	7/11/1995	4	65.8	<1.0	4.2	10.7	<0.01	<0.5	<1.0	5.8
MW-4	2	7/11/1995	3.6	14.6	<1.0	11	8.5	<0.01	<0.5	<1.0	40.3
	10	7/11/1995	<0.5	11.5	<1.0	2.8	<5.0	<0.01	<0.5	<1.0	2.8
MW-5	2	7/11/1995	6.8	65.1	<1.0	22.1	17.6	0.16	<0.5	<1.0	91.1
	10	7/11/1995	1.1	35.9	<1.0	5.4	<5.0	<0.01	<0.5	<1.0	10.9
MW-6	28	7/30/1997	<0.06	48.8	<0.06	4.27	2.49	<0.025	<0.07	0.18	18
MW-7	34	7/30/1997	0.06	58.3	<0.06	4.9	1.2	<0.025	<0.07	<0.06	18
MW-8	29	7/31/1997	<0.06	95	<0.06	6.4	2.6	<0.025	<0.07	0.4	27.4
MW-8A	12	7/31/1997	1.04	53	<0.06	2.4	2.24	<0.025	<0.07	<0.06	103
MW-9	7	8/5/1997	0.99	36.8	<0.06	5.45	61.7	0.039	<0.07	<0.06	88.1
	21	8/5/1997	0.8	9.33	<0.06	2.67	2.87	<0.025	<0.07	<0.06	3.45
MW-10	28	8/5/1997	5.52	122	<0.06	4.87	6.9	<0.025	<0.07	<0.06	14.9

Notes:

Exceeds an MCL

<: Analyte was not detected at or above the reported sample detection limit

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
8300 Hempstead, Houston, TX 77008
VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-1	7/1/1995	-	4.17	<0.005	-	<0.05	-
	8/1/1997	-	1.9	0.14	-	<0.01	-
	2/1/1998	-	1.7	0.12	-	<0.01	-
	7/1/1998	-	2.2	0.13	-	<0.01	-
	10/1/1998	-	2.1	0.14	-	<0.01	-
	6/1/1999	-	2	0.13	-	<0.01	-
	12/1/1999	-	1.3	0.1	-	<0.01	-
	6/1/2000	-	1.1	0.1	-	<0.01	-
	12/1/2000	-	1	0.09	-	<0.01	-
	10/1/2001	-	0.8	0.082	-	<0.01	-
	11/2/2002	-	0.79	0.11	-	<0.01	-
	2/4/2004	-	0.39	0.75	-	<0.01	-
	11/3/2014	<0.0006	0.19	0.059	0.0053	0.0011 J	0.0021 J
	6/24/2015	<0.0006	0.22	0.08	0.0072	0.0014 J	0.003 J
	9/21/2015	<0.0006	0.23	0.067	0.0058	<0.0004	0.0026 J
	12/17/2015	<0.0006	0.17	0.061	0.0055	0.00086 J	0.0023 J
3/16/2016	<0.0006	0.17	0.064	0.0046 J	<0.0004	0.0023 J	
MW-2	7/1/1995	-	<0.005	<0.005	-	<0.005	-
	2/1/1996	-	<0.005	<0.005	-	<0.005	-
	8/1/1997	-	<0.005	<0.005	-	<0.01	-
	2/1/1998	-	<0.005	<0.005	-	<0.01	-
	7/1/1998	-	<0.005	<0.005	-	<0.01	-
	10/1/1998	-	<0.005	<0.005	-	<0.01	-
	6/1/1999	-	<0.005	<0.005	-	<0.01	-
	12/1/1999	-	<0.005	<0.005	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	<0.005	-	<0.01	-
	11/2/2002	-	<0.005	<0.005	-	<0.01	-
	2/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/4/2004	-	<0.005	<0.005	-	<0.01	-
12/5/2005	-	<0.005	<0.005	-	<0.01	-	

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
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Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-2 cont.	11/21/2006	-	<0.005	<0.005	-	<0.01	-
	12/29/2008	-	<0.005	<0.005	-	<0.002	-
	4/12/2010	-	<0.005	<0.005	-	<0.002	-
	4/26/2011	-	<0.005	<0.005	-	<0.002	-
	2/20/2013	-	<0.005	<0.005	-	<0.002	-
	11/3/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	6/24/2015	<0.0006	0.0022 J	<0.0006	<0.0004	<0.0004	<0.0005
	9/22/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
MW-3	7/1/1995	-	0.009	0.021	-	-	-
	2/1/1996	-	<0.005	<0.005	-	<0.005	-
	8/1/1997	-	<0.005	0.013	-	<0.005	-
	2/1/1998	-	<0.005	0.015	-	<0.01	-
	7/1/1998	-	<0.005	0.011	-	<0.01	-
	10/1/1998	-	<0.005	0.006	-	<0.01	-
	6/1/1999	-	<0.005	0.008	-	<0.01	-
	12/1/1999	-	<0.005	0.006	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	0.007	-	<0.01	-
	11/2/2002	-	<0.005	0.011	-	<0.01	-
	2/4/2004	-	0.01	0.028	-	<0.01	-
	12/4/2004	-	<0.005	0.016	-	<0.01	-
	11/3/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	6/24/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	9/22/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
12/17/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	
MW-4	7/1/1995	-	0.745	0.529	-	0.029	-
	8/1/1997	-	0.2	0.18	-	<0.01	-
	2/1/1998	-	0.12	0.11	-	<0.01	-
	7/1/1998	-	0.061	0.059	-	<0.01	-
	10/1/1998	-	0.059	0.055	-	<0.01	-
	6/1/1999	-	0.032	0.041	-	<0.01	-

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
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VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-4 cont.	12/1/1999	-	0.019	0.023	-	<0.01	-
	6/1/2000	-	0.028	0.031	-	<0.01	-
	12/1/2000	-	0.031	0.039	-	<0.01	-
	10/1/2001	-	0.028	0.049	-	<0.01	-
	11/2/2002	-	0.013	0.022	-	<0.01	-
	2/4/2004	-	0.023	0.048	-	<0.01	-
	12/4/2004	-	0.021	0.051	-	<0.01	-
	12/5/2005	-	0.016	0.039	-	<0.01	-
	11/21/2006	-	0.009	0.024	-	<0.01	-
	12/28/2007	-	0.023	0.048	-	<0.01	-
	12/30/2008	-	0.011	0.028	-	<0.002	-
	4/12/2010	-	0.006	0.025	-	<0.002	-
	4/26/2011	-	0.006	0.022	-	<0.002	-
	2/20/2013	-	0.094	0.094	-	0.0021	-
	11/3/2014	<0.0006	0.049	0.057	0.0035 J	0.00056 J	<0.0005
	6/26/2015	<0.0006	0.13	0.15	0.0094	0.00069 J	<0.0005
	9/22/2015	<0.0006	0.0072	0.0084	0.00054 J	<0.0004	<0.0005
12/18/2015	<0.0006	0.023	0.033	0.0021 J	<0.0004	<0.0005	
3/15/2016	<0.0006	0.025	0.1	0.0054	0.00042 J	<0.0005	
MW-5	7/1/1995	-	0.3	0.217	-	0.019	-
	2/1/1996	-	0.054	0.249	-	0.034	-
	8/1/1997	-	0.024	0.26	-	0.021	-
	2/1/1998	-	0.025	0.2	-	0.021	-
	7/1/1998	-	0.035	0.18	-	0.052	-
	10/1/1998	-	0.025	0.22	-	0.042	-
	12/1/1999	-	0.019	0.098	-	0.012	-
	6/1/2000	-	0.027	0.092	-	<0.01	-
	12/1/2000	-	0.028	0.075	-	<0.01	-
	10/1/2001	-	0.013	0.51	-	<0.01	-
	11/2/2002	-	0.01	0.026	-	<0.01	-
	2/4/2004	-	0.007	0.026	-	<0.01	-
	12/4/2004	-	0.005	0.018	-	<0.01	-
12/5/2005	-	<0.005	0.022	-	<0.01	-	

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
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VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-5 cont.	11/21/2006	-	<0.005	0.017	-	<0.01	-
	12/28/2007	-	<0.005	0.007	-	<0.01	-
	4/12/2010	-	<0.005	0.013	-	<0.002	-
	4/25/2011	-	<0.005	0.009	-	<0.002	-
	2/20/2013	-	<0.005	<0.005	-	<0.002	-
	6/24/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
MW-5A	11/4/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	9/22/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	12/18/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
MW-6	8/1/1997	-	0.58	0.52	-	<0.01	-
	2/1/1998	-	0.58	0.8	-	<0.01	-
	7/1/1998	-	1.1	1.4	-	0.013	-
	10/1/1998	-	1.2	1.9	-	0.02	-
	6/1/1999	-	1.2	2.2	-	0.02	-
	12/1/1999	-	1	1.9	-	0.017	-
	6/1/2000	-	1.1	2.1	-	0.015	-
	12/1/2000	-	0.93	1.8	-	0.014	-
	10/1/2001	-	0.57	1.4	-	0.012	-
	11/2/2002	-	0.32	1.6	-	0.012	-
	2/4/2004	-	0.041	0.073	-	<0.01	-
	12/4/2004	-	0.038	0.48	-	<0.013	-
	12/5/2005	-	0.498	0.442	-	0.018	-
	11/21/2006	-	0.451	0.409	-	0.021	-
	12/28/2007	-	0.78	0.57	-	0.012	-
	12/30/2008	-	0.77	0.5	-	0.01	-
	4/12/2010	-	0.6	0.4	-	<0.002	-
	4/26/2011	-	0.48	0.32	-	0.0045	-
	2/20/2013	-	0.32	0.18	-	0.0045	-
	11/3/2014	<0.0006	0.17	0.1	0.0021 J	0.0019 J	0.0077
6/24/2015	<0.0006	0.02	0.012	<0.0004	<0.0004	0.001 J	
9/21/2015	<0.0006	0.091	0.059	0.001 J	<0.0004	0.0047 J	
12/18/2015	<0.0006	0.0078	0.0042 J	<0.0004	<0.0004	<0.0005	
3/15/2016	<0.0006	0.019	0.012	<0.0004	<0.0004	0.00093 J	

Table 4
Summary of Volatile Organic Compounds in Groundwater
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Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-7	8/1/1997	-	4.4	0.44	-	0.039	-
	2/1/1998	-	4.5	0.54	-	0.041	-
	7/1/1998	-	4.8	0.46	-	0.037	-
	10/1/1998	-	2.8	0.17	-	0.034	-
	6/1/1999	-	4	0.32	-	0.036	-
	12/1/1999	-	3.4	0.22	-	0.037	-
	6/1/2000	-	4.9	0.34	-	0.048	-
	12/1/2000	-	4.7	0.33	-	0.56	-
	10/1/2001	-	5	0.49	-	0.1	-
	11/2/2002	-	6.1	1.02	-	0.13	-
	2/4/2004	-	3.9	0.7	-	0.047	-
	12/4/2004	-	2.9	0.82	-	0.071	-
	12/5/2005	-	2.44	0.777	-	0.055	-
	11/21/2006	-	2.102	0.686	-	0.042	-
	12/28/2007	-	0.03	0.007	-	<0.01	-
	12/30/2008	-	2	1.1	-	0.021	-
	4/12/2010	-	1.8	1.2	-	0.018	-
	4/26/2011	-	2	1.1	-	0.01	-
	2/22/2013	-	0.86	0.57	-	0.009	-
	11/3/2014	<0.0006	0.19	0.11	0.0022 J	0.0022	0.0059
6/26/2015	<0.0006	0.28	0.12	0.0026 J	0.0014 J	0.0056	
9/22/2015	<0.0006	0.12	0.086	0.0013 J	0.00052 J	0.0034 J	
12/18/2015	<0.0006	0.02	0.012	<0.0004	<0.0004	0.00054 J	
3/15/2016	<0.0006	0.04	0.024	0.0005 J	0.00042 J	0.0012 J	
MW-8	8/1/1997	-	0.15	0.037	-	<0.01	-
	2/1/1998	-	0.12	0.025	-	<0.01	-
	7/1/1998	-	0.15	0.028	-	<0.01	-
	10/1/1998	-	0.32	0.063	-	<0.01	-
	6/1/1999	-	0.27	2.2	-	0.02	-
	12/1/1999	-	0.006	<0.005	-	<0.01	-
	6/1/2000	-	0.018	<0.005	-	<0.01	-
	12/1/2000	-	0.32	0.05	-	<0.01	-
	10/1/2001	-	0.367	0.055	-	<0.01	-
	11/2/2002	-	0.42	0.055	-	<0.01	-

Table 4
Summary of Volatile Organic Compounds in Groundwater
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Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-8 cont.	2/4/2004	-	0.4	0.057	-	<0.01	-
	12/4/2004	-	0.35	0.061	-	<0.01	-
	12/5/2005	-	0.221	0.054	-	<0.01	-
	11/21/2006	-	0.186	0.043	-	<0.01	-
	12/28/2007	-	0.36	0.092	-	<0.01	-
	12/30/2008	-	0.33	0.094	-	<0.01	-
	4/13/2010	-	0.41	0.11	-	<0.01	-
	4/26/2011	-	0.74	0.15	-	0.0059	-
	2/22/2013	-	0.96	0.16	-	0.0048	-
	11/3/2014	<0.0006	1.5	0.19	0.012	0.0058	0.011
	6/25/2015	<0.0006	1.6	0.18	0.011 J	0.0055	0.014
	9/22/2015	<0.0006	1.2	0.16	0.0069	0.003	0.014
	12/17/2015	<0.0006	0.54	0.059	0.0031 J	0.0014 J	0.0037 J
3/16/2016	<0.0006	0.73	0.1	0.0061	0.0028	0.0067	
MW-8A	11/3/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	6/25/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	9/22/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	3/16/2016	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
MW-9	8/1/1997	-	1.3	0.079	-	<0.01	-
	2/1/1998	-	1	0.079	-	<0.01	-
	7/1/1998	-	1.9	0.11	-	0.01	-
	10/1/1998	-	1.7	0.13	-	0.016	-
	6/1/1999	-	1.7	0.14	-	0.012	-
	12/1/1999	-	0.11	0.082	-	<0.01	-
	6/1/2000	-	0.91	0.071	-	<0.01	-
	12/1/2000	-	0.92	0.08	-	<0.01	-
	10/1/2001	-	0.64	0.06	-	<0.01	-
	11/2/2002	-	0.17	0.016	-	<0.01	-
	2/4/2004	-	0.23	0.026	-	<0.01	-
	12/4/2004	-	0.45	0.052	-	<0.01	-
	12/5/2005	-	0.469	0.09	-	<0.01	-
	11/21/2006	-	0.423	0.118	-	<0.01	-
12/28/2007	-	0.4	0.085	-	<0.01	-	

Table 4
Summary of Volatile Organic Compounds in Groundwater
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Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-9 cont.	12/30/2008	-	0.41	0.11	-	0.0027	-
	4/12/2010	-	0.31	0.081	-	<0.002	-
	4/25/2011	-	0.21	0.063	-	<0.002	-
	2/20/2013	-	0.015	0.005	-	<0.002	-
MW-10	8/1/1997	-	0.071	0.016	-	<0.01	-
	2/1/1998	-	0.077	0.01	-	<0.01	-
	7/1/1998	-	0.084	0.01	-	<0.01	-
	10/1/1998	-	0.091	0.011	-	<0.01	-
	6/1/1999	-	0.12	0.014	-	<0.01	-
	12/1/1999	-	0.096	0.013	-	<0.01	-
	6/1/2000	-	0.1	0.012	-	<0.01	-
	12/1/2000	-	0.16	0.017	-	<0.01	-
	10/1/2001	-	0.193	0.024	-	<0.01	-
	11/2/2002	-	0.28	0.026	-	<0.01	-
	2/4/2004	-	0.38	0.12	-	<0.01	-
	12/4/2004	-	1.1	0.088	-	<0.01	-
	12/5/2005	-	0.766	0.094	-	<0.01	-
	11/21/2006	-	0.61	0.088	-	<0.01	-
	12/28/2007	-	0.92	0.063	-	<0.01	-
	12/30/2008	-	0.79	0.077	-	0.0023	-
4/12/2010	-	0.6	0.084	-	0.036	-	
4/25/2011	-	0.64	0.069	-	0.006	-	
2/20/2013	-	0.57	0.076	-	0.002	-	
MW-11	8/1/1997	-	<0.005	<0.005	-	<0.01	-
	2/1/1998	-	<0.005	<0.005	-	<0.01	-
	7/1/1998	-	<0.005	<0.005	-	<0.01	-
	10/1/1998	-	<0.005	<0.005	-	<0.01	-
	6/1/1999	-	<0.005	<0.005	-	<0.01	-
	12/1/1999	-	<0.005	<0.005	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	<0.005	-	<0.01	-
	11/2/2002	-	<0.005	<0.005	-	<0.01	-
	2/4/2004	-	<0.005	<0.005	-	<0.01	-

Table 4
Summary of Volatile Organic Compounds in Groundwater
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Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-11 cont.	12/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/5/2005	-	<0.005	<0.005	-	<0.01	-
	11/20/2006	-	<0.005	<0.005	-	<0.01	-
	12/28/2007	-	<0.005	<0.005	-	<0.01	-
	12/29/2008	-	<0.005	<0.005	-	<0.002	-
	4/12/2010	-	<0.005	<0.005	-	<0.002	-
	4/25/2011	-	<0.005	<0.005	-	<0.002	-
MW-11R	6/24/2015	<0.0006	0.0026 J	<0.0006	<0.0004	<0.0004	<0.0005
	9/21/2015	<0.0006	0.0033 J	<0.0006	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	0.0041 J	<0.0006	<0.0004	<0.0004	<0.0005
	3/15/2016	<0.0006	0.0057	0.00082 J	<0.0004	<0.0004	<0.0005
MW-13	11/4/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	6/25/2015	<0.0006	0.0014 J	<0.0006	<0.0004	<0.0004	<0.0005
	9/21/2015	<0.0006	0.00064 J	<0.0006	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	0.0027 J	0.00081 J	<0.0004	<0.0004	<0.0005
	3/15/2016	<0.0006	0.0017 J	<0.0006	<0.0004	<0.0004	<0.0005
MW-14	7/1/1998	-	1	0.059	-	<0.01	-
	10/1/1998	-	2.4	0.17	-	0.023	-
	6/1/1999	-	2.3	0.15	-	0.03	-
	12/1/1999	-	2	0.13	-	0.015	-
	6/1/2000	-	1.9	0.15	-	0.013	-
	12/1/2000	-	1.9	0.13	-	0.013	-
	10/1/2001	-	2.4	0.17	-	0.018	-
	11/2/2002	-	3.1	0.26	-	0.038	-
	2/4/2004	-	2.8	0.16	-	0.014	-
	12/4/2004	-	2.4	0.2	-	0.023	-
	12/5/2005	-	1.65	0.199	-	0.022	-
	11/21/2006	-	1.17	0.149	-	0.018	-
	12/28/2007	-	0.25	0.026	-	<0.01	-
	12/30/2008	-	2.4	0.22	-	0.016	-
	4/13/2010	-	2.2	0.21	-	0.023	-
	4/26/2011	-	2.3	0.22	-	0.019	-
2/22/2013	-	1.3	0.18	-	0.008	-	

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
8300 Hempstead, Houston, TX 77008
VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-14 cont.	11/3/2014	<0.0006	0.92	0.14	0.009	0.0057	0.0047 J
	6/24/2015	<0.0006	1.4	0.17	<0.01	0.0093	0.0077
	9/21/2015	<0.0006	1.3	0.19	0.01	0.0081	0.0062
	12/17/2015	<0.0006	1.4	0.18	0.0094 J	0.0083	0.0078
	3/16/2016	<0.0006	1.7	0.23	0.014	0.015	0.01
MW-15	7/1/1998	-	0.017	<0.005	-	<0.01	-
	10/1/1998	-	0.048	0.012	-	<0.01	-
	6/1/1999	-	0.03	0.008	-	<0.01	-
	12/1/1999	-	0.02	0.006	-	<0.01	-
	6/1/2000	-	0.016	0.006	-	<0.01	-
	12/1/2000	-	0.019	0.006	-	<0.01	-
	10/1/2001	-	0.015	0.007	-	<0.01	-
	11/2/2002	-	0.013	0.007	-	0.015	-
	2/4/2004	-	0.007	0.006	-	0.015	-
	12/4/2004	-	0.015	0.008	-	<0.01	-
	12/5/2005	-	0.011	<0.005	-	<0.01	-
	11/21/2006	-	<0.005	<0.005	-	<0.01	-
	12/29/2007	-	0.006	<0.005	-	<0.01	-
	12/29/2008	-	0.007	<0.005	-	<0.002	-
	4/12/2010	-	0.008	<0.005	-	<0.002	-
	4/26/2011	-	0.01	0.0047 J	-	<0.002	-
	2/22/2013	-	0.008	0.006	-	<0.002	-
	11/3/2014	<0.0006	0.0076	0.0058	<0.0004	0.00047 J	<0.0005
	6/25/2015	<0.0006	0.0099	0.0071	<0.0004	0.00085 J	<0.0005
	9/21/2015	<0.0006	0.0081	0.0055	<0.0004	<0.0004	<0.0005
12/17/2015	<0.0006	0.0075	0.0058	<0.0004	0.00052 J	<0.0005	
3/15/2016	<0.0006	0.0074	0.0054	<0.0004	0.00057 J	<0.0005	
MW-16	7/1/1998	-	<0.005	<0.005	-	<0.01	-
	10/1/1998	-	<0.005	<0.005	-	<0.01	-
	6/1/1999	-	<0.005	<0.005	-	<0.01	-
	12/1/1999	-	<0.005	<0.005	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	<0.005	-	<0.01	-

Table 4
Summary of Volatile Organic Compounds in Groundwater
Former Smith Industries
8300 Hempstead, Houston, TX 77008
VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-16 cont.	11/2/2002	-	<0.005	<0.005	-	<0.01	-
	2/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/5/2005	-	<0.005	<0.005	-	<0.01	-
	11/20/2006	-	<0.005	<0.005	-	<0.01	-
	12/28/2007	-	<0.005	<0.005	-	<0.01	-
	12/29/2008	-	<0.005	<0.005	-	<0.002	-
	8/10/2011	-	0.035	0.015	-	<0.002	-
	2/22/2013	-	0.12	0.022	-	<0.002	-
MW-16B	11/3/2014	<0.0006	0.26	0.036	0.0027 J	0.0011 J	0.0033 J
	6/25/2015	<0.0006	0.29	0.041	0.0036 J	0.0015 J	0.0031 J
	9/21/2015	<0.0006	0.26	0.035	0.0031 J	<0.0004	0.0025 J
	12/17/2015	<0.0006	0.4	0.038	0.0033 J	0.001 J	0.0026 J
	3/15/2016	<0.0006	0.32	0.041	0.0037 J	0.0015 J	0.0032 J
MW-17	7/1/1998	-	<0.005	<0.005	-	<0.01	-
	10/1/1998	-	<0.005	<0.005	-	<0.01	-
	6/1/1999	-	<0.005	<0.005	-	<0.01	-
	12/1/1999	-	<0.005	<0.005	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	<0.005	-	<0.01	-
	11/2/2002	-	<0.005	<0.005	-	<0.01	-
	2/4/2004	-	<0.005	<0.005	-	<0.01	-
	2/20/2013	-	<0.005	<0.005	-	<0.002	-
	11/4/2014	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	6/24/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	9/21/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005
	3/15/2016	<0.0006	0.00071 J	<0.0006	<0.0004	<0.0004	<0.0005

Table 4
 Summary of Volatile Organic Compounds in Groundwater
 Former Smith Industries
 8300 Hempstead, Houston, TX 77008
 VCP No. 275

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Medium Specific Conc.		0.005	0.005	0.07	0.1	0.002	0.007
MW-18	7/1/1998	-	<0.005	<0.005	-	<0.01	-
	10/1/1998	-	<0.005	0.005	-	<0.01	-
	6/1/1999	-	<0.005	<0.005	-	<0.01	-
	12/1/1999	-	<0.005	<0.005	-	<0.01	-
	6/1/2000	-	<0.005	<0.005	-	<0.01	-
	12/1/2000	-	<0.005	<0.005	-	<0.01	-
	10/1/2001	-	<0.005	<0.005	-	<0.01	-
	11/2/2002	-	<0.005	<0.005	-	<0.01	-
	2/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/4/2004	-	<0.005	<0.005	-	<0.01	-
	12/5/2005	-	<0.005	<0.005	-	<0.01	-
	11/21/2006	-	<0.005	<0.005	-	<0.01	-
	12/29/2007	-	<0.005	<0.005	-	<0.002	-
	12/29/2008	-	0.001	0.001	-	<0.002	-
	4/12/2010	-	<0.005	<0.005	-	<0.002	-
	4/26/2011	-	0.0018 J	0.0023 J	-	<0.002	-
	2/20/2013	-	<0.005	<0.005	-	<0.002	-
	11/4/2014	<0.0006	0.0025 J	0.0014 J	<0.0004	<0.0004	<0.0005
	6/26/2015	<0.0006	0.0063	0.0033 J	<0.0004	<0.0004	<0.0005
	9/22/2015	<0.0006	0.0037 J	0.002 J	<0.0004	<0.0004	<0.0005
12/18/2015	<0.0006	0.0026 J	0.0012 J	<0.0004	<0.0004	<0.0005	
3/16/2016	<0.0006	0.0019 J	0.00091 J	<0.0004	<0.0004	<0.0005	
MW-19	6/25/2015	<0.0006	0.0012 J	<0.0006	<0.0004	<0.0004	<0.0005
	9/21/2015	<0.0006	0.00064 J	<0.0006	<0.0004	<0.0004	<0.0005
	12/18/2015	<0.0006	0.0014 J	<0.0006	<0.0004	<0.0004	<0.0005
	3/15/2016	<0.0006	0.0016 J	<0.0006	<0.0004	<0.0004	<0.0005
MW-20	6/25/2015	<0.0006	0.0062	0.0041 J	<0.0004	<0.0004	<0.0005
	9/21/2015	<0.0006	0.0056	0.0034 J	<0.0004	<0.0004	<0.0005
	12/17/2015	<0.0006	0.0088	0.0047 J	<0.0004	<0.0004	<0.0005
	3/15/2016	<0.0006	0.008	0.004 J	<0.0004	<0.0004	<0.0005

Notes:

 Exceeds a MCL

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

Appendix F

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

Shallow groundwater has been affected by dissolved phase chemicals including TCE, cis-1,2-DCE, VC, and 1,1-DCE. The area of affected groundwater is depicted on **Figure C4-1** through **Figure C4-4**. Based on the results of the most recent groundwater monitoring and sampling event conducted in March 2016, the area of affected groundwater extends off-site in the downgradient direction.

The plume potentially extends beneath the following offsite properties:

Property Address	Owner Name	Owner Mailing Address	HCAD Property ID No.
8200 Washington Ave. Houston, TX 77007	DH 2004 Interests LP	8101 Hempstead Rd. Houston, TX 77008-6127	044-082-000-0001
8150 Washington Ave. Houston, TX 77007	DH 2004 Interests LP	8101 Hempstead Rd. Houston, TX 77008-6127	044-082-000-0703
8120 Washington Ave. Houston, TX 77007	District 12 Hwy Employees Credit Union	PO Box 2248 Houston, TX 77252-2248	044-082-000-0720
Right-of-Way	City of Houston	611 Walker St. Houston, TX 77002	None

InControl has not been in contact with any of the above mentioned property owners. Historical notice was provided to these entities by the previous consultant.

Appendix G

A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, **with the basis for that statement.** Please include historical sampling data.

Shallow groundwater is affected by dissolved phase chemicals including TCE, cis-1,2-DCE, VC, and 1,1-DCE. These chemicals are believed to be associated with the vapor degreasing operations and oilfield tool cleaning conducted on the subject property. The chlorinated solvents tend to move rapidly in the sub-surface environment and quickly reach equilibrium as long as there is no ongoing contributing mass source. The source is no longer active at this site.

The current groundwater monitoring network consists of eighteen permanent groundwater monitoring wells installed in the first groundwater bearing unit (GWBU). Fourteen of these wells have exceeded an MSC at some point during the sampling history. The lateral extent of groundwater impact in the shallow groundwater bearing unit has been delineated. According to the most recent groundwater data, the concentrations of COCs within the plume appear to be relatively stable (**Table E4**). **Figure C4-1** through **Figure C4-4** depicts the COC plume in shallow groundwater.

In summary, the groundwater data collected to date indicates that the area of affected groundwater is stable, and was the result of historic releases associated with past operations within the proposed MSD boundary.

Appendix H

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

On the Designated Property

As described in **Appendix D**, TCE, cis-1,2-DCE, VC, and 1,1-DCE were reported at concentrations that exceeded the Risk Reduction Rule MSC without a Municipal Setting Designation (GW-Res) in several groundwater monitoring wells. Groundwater samples collected from groundwater monitoring wells within the proposed MSD boundary reported one or more COCs at concentrations greater than the MSC residential ingestion exceedance level without a municipal setting designation (GW-Res) (**Figure C4-1** through **Figure C4-4**, **Table E4**). A review of the most recent groundwater sampling data within the proposed MSD boundary confirms these findings.

Off the Designated Property

There are seven off-site monitoring wells associated with this site. Groundwater samples collected from these off-site groundwater monitoring points indicate that the area of impacted groundwater has extended off-site in the downgradient direction. During the most recent sampling event in March 2016, four of the seven wells reported concentrations above the RRR MSC values without a MSD. The concentrations in these wells remain relatively stable. The off-site extent of impacted groundwater was delineated to the residential assessment level without a MSD to the most reasonable extent possible.