

CITY OF HOUSTON



**PUBLIC WORKS AND
ENGINEERING
PLANNING & DEVELOPMENT
DIVISION**

EXECUTIVE SUMMARY

APPENDIX A

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

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

ATTACHMENTS

- Attachment A.1 Metes and Bounds Description and Plat Map
Attachment A.2 Deeds of Subject Properties

APPENDIX A

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Attachment A.1

Metes and Bounds Description and Plat Map

**Champion Hi-Tech Manufacturing, Inc.
J. Whalen, Inc.
5.609 Acres**

**J. Robinson Survey
Abstract No. 680**

STATE OF TEXAS §

COUNTY OF HARRIS §

METES AND BOUNDS DESCRIPTION of a 5.609-acre tract in the J. Robinson Survey, Abstract No. 680, Harris County, Texas. Said 5.609-acre tract is part of Lot 2, Block 12 in the South Houston Gardens No. 8 Subdivision as recorded in Volume 3, Page 49 in the Harris County Map Records and is all of that 1.711-acre tract described in a deed to J. Whalen, Inc. as recorded in Clerk's File No. 20130640361, Film Code No. 052-65-0040 in the Harris County Clerk's Office and all of that 3.903-acre tract described in a deed to Champion Hi-Tech Manufacturing, Inc. as recorded in Clerk's File No. P021509, Film Code No. 117-41-1837 in the Harris County Clerk's Office and is more particularly described by metes and bounds as follows:

BEGINNING at a 5/8-inch iron rod found in the south right-of-way line of Meldrum Lane, (right-of-way width varies), said point is in the common lot line of Lot 2 and Lot 3A of said South Houston Gardens No. 8 Subdivision and is the northwest corner of said 3.903 acre tract, said point is also the northeast corner of a tract described in a deed to Nicole Meldrum, L.P. as recorded in Clerk's File No. W748221, Film code No. 569-43-0080 in the Harris County Clerk's Office;

THENCE, North 87°22'49" East, along the south line of said Meldrum Lane, same being the north line of said 3.903-acre tract, at a distance of 172.82 feet pass the northeast corner of said 3.903-acre tract and continue for a total distance of 341.57 feet to a 5/8-inch iron rod set for the northeast corner of the aforementioned 1.711-acre tract, said point is the northwest corner of a 5.535-acre tract described in a deed to AYG Properties, Ltd. as recorded in Clerk's File No. 20140030669, Film Code No. 053-36-2474 in the Harris County Clerk's Office, from which a found 1/2-inch iron rod bears North 07°20'33" West, 1.87 feet, said point is in the common lot line between said Lot 2 and 2A;

THENCE, South 04°16'07" East, along the east line of said 1.711-acre tract, same being the west line of said 5.535-acre tract, at a distance of 436.75 feet pass a 5/8-inch iron rod found for the southeast corner of said 1.711-acre tract, and continue for a total distance of 710.33 feet to a 1-inch iron pipe found for the southeast corner of the aforementioned 3.903-acre tract, said point is the common lot corner of Lots 2, 2A, 6 and 6A;

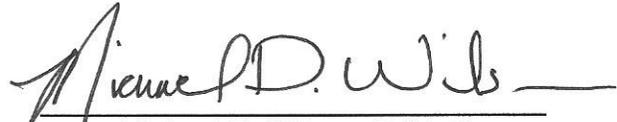
THENCE, South 85°37'09" West, along the south line of said 3.903-acre tract, same being the south line of said Lot 2, for a distance of 341.42 feet to a 1-inch iron pipe found for the southwest corner of said 3.903-acre tract, said point is the common lot corner of Lots 2, 3A, 5A and 6;

THENCE, North 04°16'11" West, along the west line of said 3.903-acre tract, same being the common line between said Lots 2 and 3A, for a distance of 720.83 feet to the POINT OF BEGINNING, containing a computed area of 5.609 acres (244,319 square feet).

NOTES:

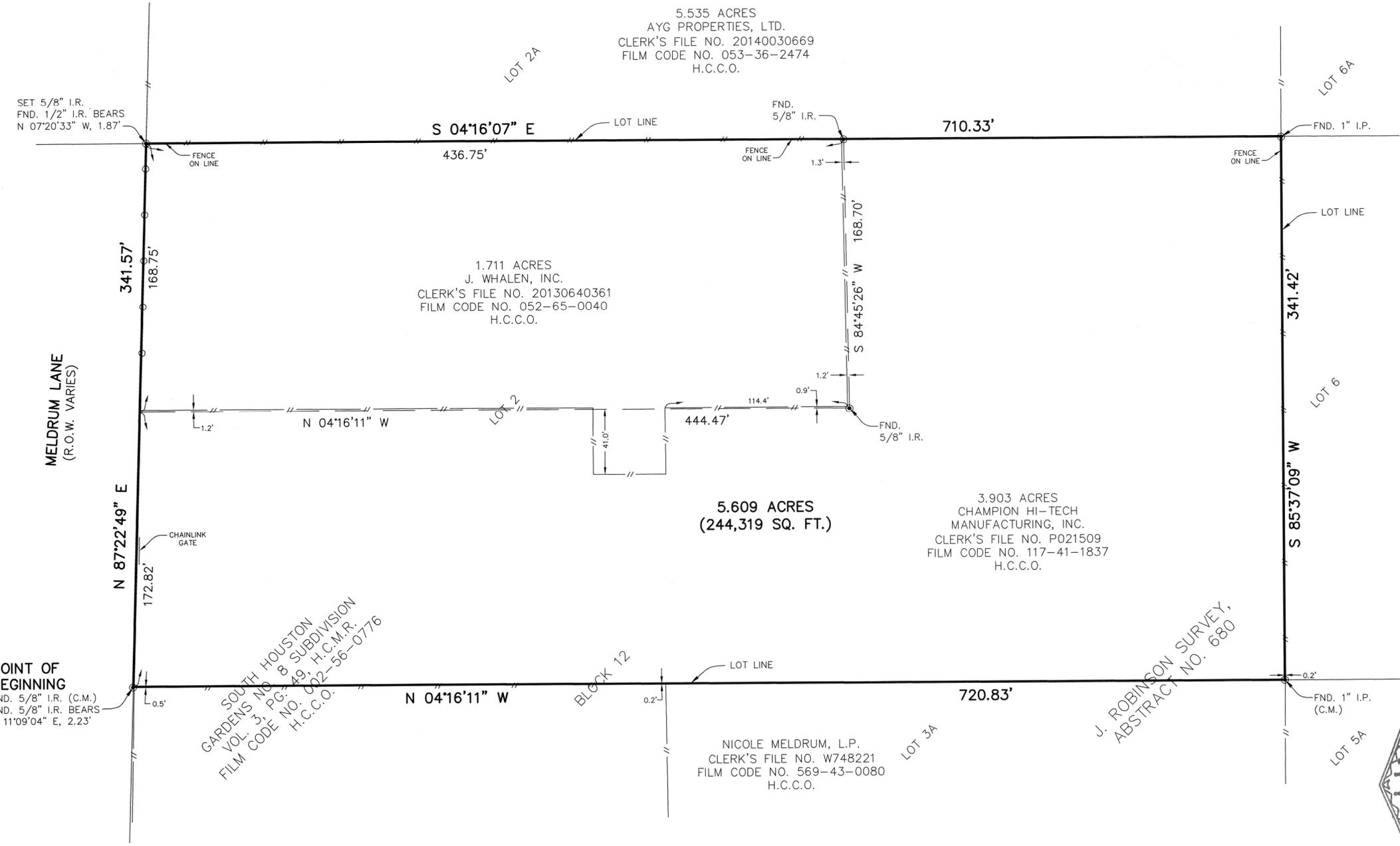
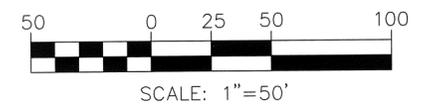
1. The bearings shown hereon are based on the Texas Coordinate System of 1983, South Central Zone.
2. A separate survey plat has been prepared in conjunction with this metes and bounds description.
3. Property corners that were set with 5/8-inch iron rods contain a survey cap stamped "Wilson Survey Group".

The Wilson Survey Group, Inc.
2006 East Broadway, Suite 103
Pearland, Texas 77588
(281) 485-3991
Job No. 14-126


Michael D. Wilson, R.P.L.S.
Registration No. 4821



05/28/14



STATE OF TEXAS §
 COUNTY OF HARRIS §

METES AND BOUNDS DESCRIPTION of a 5.609-acre tract in the J. Robinson Survey, Abstract No. 680, Harris County, Texas. Said 5.609-acre tract is part of Lot 2, Block 12 in the South Houston Gardens No. 8 Subdivision as recorded in Volume 3, Page 49 in the Harris County Map Records and is all of that 1.711-acre tract described in a deed to J. Whalen, Inc. as recorded in Clerk's File No. 20130640361, Film Code No. 052-65-0040 in the Harris County Clerk's Office and all of that 3.903-acre tract described in a deed to Champion Hi-Tech Manufacturing, Inc. as recorded in Clerk's File No. P021509, Film Code No. 117-41-1837 in the Harris County Clerk's Office and is more particularly described by metes and bounds as follows:

BEGINNING at a 5/8-inch iron rod found in the south right-of-way line of Meldrum Lane, (right-of-way width varies), said point is in the common lot line of Lot 2 and Lot 3A of said South Houston Gardens No. 8 Subdivision and is the northwest corner of said 3.903-acre tract, said point is also the northeast corner of a tract described in a deed to Nicole Meldrum, L.P. as recorded in Clerk's File No. W748221, Film code No. 569-43-0080 in the Harris County Clerk's Office;

THENCE, North 87°22'49" East, along the south line of said Meldrum Lane, same being the north line of said 3.903-acre tract, at a distance of 172.82 feet pass the northeast corner of said 3.903-acre tract and continue for a total distance of 341.57 feet to a 5/8-inch iron rod set for the northeast corner of the aforementioned 1.711-acre tract, said point is the northwest corner of a 5.535-acre tract described in a deed to AYG Properties, Ltd. as recorded in Clerk's File No. 20140030669, Film Code No. 053-36-2474 in the Harris County Clerk's Office, from which a found 1/2-inch iron rod bears North 07°20'33" West, 1.87 feet, said point is in the common lot line between said Lot 2 and 2A;

THENCE, South 04°16'07" East, along the east line of said 1.711-acre tract, same being the west line of said 5.535-acre tract, at a distance of 436.75 feet pass a 5/8-inch iron rod found for the southeast corner of said 1.711-acre tract, and continue for a total distance of 710.33 feet to a 1-inch iron pipe found for the southeast corner of the aforementioned 3.903-acre tract, said point is the common lot corner of Lots 2, 2A, 6 and 6A;

THENCE, South 85°37'09" West, along the south line of said 3.903-acre tract, same being the south line of said Lot 2, for a distance of 341.42 feet to a 1-inch iron pipe found for the southwest corner of said 3.903-acre tract, said point is the common lot corner of Lots 2, 3A, 5A and 6;

THENCE, North 04°16'11" West, along the west line of said 3.903-acre tract, same being the common line between said Lots 2 and 3A, for a distance of 720.83 feet to the POINT OF BEGINNING, containing a computed area of 5.609 acres (244,319 square feet).

POINT OF BEGINNING
 FND. 5/8" I.R. (C.M.)
 FND. 5/8" I.R. BEARS
 S 11°09'04" E, 2.23'

SOUTH HOUSTON GARDENS NO. 8 SUBDIVISION
 VOL. 3, PG. 49, H.C.M.R.
 FILM CODE NO. 002-56-0776
 H.C.C.O.

J. ROBINSON SURVEY,
 ABSTRACT NO. 680



THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1B, CONDITION II SURVEY.
 Michael D. Wilson
 MICHAEL D. WILSON R.P.L.S.
 TEXAS REGISTRATION NO. 4821

05/28/14

- NOTES:
1. BEARINGS SHOWN HEREON ARE BASED ON A TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE.
 2. THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE.
 3. AN INDEPENDENT EASEMENT RESEARCH REQUEST HAS NOT BEEN PERFORMED FOR THIS TRACT. EASEMENTS MAY EXIST THAT AFFECT THIS TRACT THAT HAVE NOT BEEN SHOWN AS PART OF THIS SURVEY.
 4. ACCORDING TO THE F.I.R.M. NO. 48201C0895 L, DATED JUNE 18, 2007, THE SUBJECT TRACT LIES IN AND UNSHADED ZONE "X" AREA.
 5. THERE ARE IMPROVEMENTS ON THIS TRACT THAT HAVE NOT BEEN LOCATED OR SHOWN AT THE REQUEST OF THE CLIENT.

LEGEND

H.C.M.R.	HARRIS COUNTY MAP RECORDS
H.C.C.O.	HARRIS COUNTY CLERK'S OFFICE
(C.M.)	CONTROL MONUMENT
FND.	FOUND
I.P.	IRON PIPE
IR.	IRON ROD
R.O.W.	RIGHT-OF-WAY
SQ. FT.	SQUARE FEET
—//—	CHAINLINK FENCE
—○—	WROUGHT-IRON FENCE

THE WILSON SURVEY GROUP PROFESSIONAL LAND SURVEYORS 2006 E. BROADWAY PEARLAND, TEXAS (281) 485-3991 FAX (281) 485-3998		CAD FILE 14-126.dwg ORIGINAL PLOT DATE: 05/21/14 DWN C.L.H. CKD M.D.W. APPD M.D.W. SCALE 1"=50' JOB NO. 14-126 SHEET 1 OF 1
GSI ENVIRONMENTAL, INC.		
BOUNDARY SURVEY OF A 5.609 ACRE TRACT IN LOT 2, BLOCK 12 OF SOUTH HOUSTON GARDENS NO. 8 SUBDIVISION IN THE J. ROBINSON SURVEY, A-680 IN HARRIS COUNTY, TEXAS		

APPENDIX A

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Attachment A.2
Deeds of Subject Properties

92125260/MTI2H
39

P021509

117-41-1837

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §
COUNTY OF HARRIS §

KNOW ALL MEN BY THESE PRESENTS:

That WALTER CORY, TRUSTEE OF THE MELDRUM ROAD PROPERTY TRUST, a trust created pursuant to that certain Trust Agreement dated August 30, 1991 (hereinafter called "Grantor"), for the consideration hereinafter stated, does GRANT SELL and CONVEY unto CHAMPION HI-TECH MANUFACTURING, INC., a Texas corporation (hereinafter called "Grantee"), the following described real property (sometimes herein referred to as "said premises" or the "Property"):

A tract of land containing 3.903 acres out of Lot Two (2) in Block Twelve (12), South Houston Gardens No. 8, an addition to the City of Houston, Harris County, Texas, according to the map thereof recorded in Volume 3, Page 49 of the Map Records of Harris County, Texas, which property is more particularly described in Exhibit "A" attached hereto and made part hereof for all purposes,

11
Z

together with all of Grantor's rights and appurtenances to the real property, including, without limitation, any right, title, and interest of Grantor in and to any and all licenses, easements and adjacent waterways, streets, roads, alleys, or rights of way, and any and all improvements appurtenant to or located on such real property and strips or gores of land adjoining said premises.

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances thereto in any wise belonging, unto Grantee and Grantee's successors and assigns, forever.

And Grantor does hereby bind Grantor and Grantor's successors to WARRANT and FOREVER DEFEND, all and singular, said premises unto said 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, subject however, to the exceptions listed and described on Exhibit "B" attached hereto and made a part hereof.

Ad valorem taxes and assessments of 1992 have been prorated between Grantor and Grantee and collectively paid by Grantor and Grantee. Grantee assumes the payment of ad valorem taxes and assessments for the year 1993 and thereafter as they become due and payable.

RETURN TO: EDWARD S. CUTRER
STEWART TITLE-HOUSTON
P. O. BOX 1504
HOUSTON, TEXAS 77251-1504

SUBJECT TRACT
#1
LW

The consideration for this conveyance, receipt of which is hereby acknowledged, is Ten Dollars (\$10) and other valuable consideration paid to Grantor for which no lien either express or implied is retained.

EXECUTED as of the 24th day of December, 1992.

Walter Cory Trustee
WALTER CORY, TRUSTEE OF THE
MELDRUM ROAD PROPERTY TRUST

Grantee's Address:
2425 Broad Street
Houston, Texas 77087

"GRANTOR"

STATE OF TEXAS
COUNTY OF HARRIS

This instrument was acknowledged before me on December 24th, 1992, by WALTER CORY, TRUSTEE OF THE MELDRUM ROAD PROPERTY TRUST, on behalf of said trust in his capacity as trustee.



Lara E. Nepper
NOTARY PUBLIC, STATE OF TEXAS

BM445-33.1/1222921254/1435939/5992000

EXHIBIT "A"

**METES AND BOUNDS DESCRIPTION
3.903 ACRE TRACT (169,996 SQUARE FEET)
SOUTH HOUSTON GARDENS NO. 8, BLOCK 12**

Metes and bounds description of a 3.903 acre tract of land situated in the J. Robinson Survey, Abstract 680, Harris County, Texas and being part of the residue of Lot 2, Block Twelve (12), South Houston Gardens No. 8 Subdivision, according to the Plat thereof recorded in Volume 3, page 49 of the Harris County Map Records, said residue of Lot 2 being described and recorded in Film Code 002-56-0776 in the office of the County Clerk, Harris County, Texas.

All bearings are based on the City of Houston 37,553 square foot tract of land for Meldrum Street recorded in Volume 5835, page 126, Harris County Deed Records.

BEGINNING at a 1" iron pipe found at the Southeast corner of said Lot 2, Block 12, same being the Northeast corner of Lot 6, Block 12.

THENCE South 89° 53' 20" West, along the South line of Lot 2 and the North line of Lot 6, a distance of 341.42 feet to a 5/8" iron rod found at the Southwest corner of Lot 2;

THENCE North 00° 00' 00" East, along the West line of Lot 2 and the East line of Lot 3-A, a distance of 720.83 feet to a 5/8" iron rod set in the South line of a 55 foot wide strip of land being a 37,553 square foot tract of land conveyed to the City of Houston for Meldrum Street and recorded in Volume 5835, page 126, Harris County Deed Records;

THENCE South 88° 21' 00" East, 172.82 feet along the South line of said 37,553 square foot tract and Meldrum Street to an "x" chisled in concrete at the most Northerly Northeast corner of this 3.903 acre tract of land;

THENCE South 00° 00' 00" West, 444.47 feet to a 5/8" iron rod set 1 foot South and 1 foot West of a chain link fence corner;

THENCE North 89° 01' 37" East, 168.70 feet parallel with and 1 foot South from said chain link fence to a 5/8" iron rod set in the East line of said Lot 2;

THENCE South 00° 00' 00" West, along the East line of Lot 2 and the West line of Lot 2-A, a distance of 273.58 feet to the POINT OF BEGINNING and containing 3.903 acres (169,996 square feet) of land.

EXHIBIT "B"

1. Restrictive Covenants as set out in Volume 1884, Page 411 of the Deed Records of Harris County, Texas.
2. A 1/32nd royalty interest in and to all oil, gas and other minerals on, in, under or that may be produced from the subject property is excepted herefrom as the same is set forth in instrument recorded in Volume 1884, Page 411 of the Deed Records of Harris County, Texas.
3. A 1/32nd royalty interest in and to all oil, gas and other minerals on, in, under or that may be produced from the subject property is excepted herefrom as the same is set forth in instrument recorded in Volume 3300, Page 28 of the Deed Records of Harris County, Texas.
4. 1/4th of all the oil, gas and other minerals, the royalties, bonuses, rentals and all other rights in connection with same are excepted herefrom as the same is set forth in instrument recorded in Volume 3650, Page 174 of the Deed Records of Harris County, Texas.

BM45-33. 1/1222921540/1435939/5992000

HARRIS COUNTY CLERK
HARRIS COUNTY, TEXAS

John P. [Signature]

92 DEC 30 AM 11:40

FILED

117-4171841

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

DEC 30 1992



Quita Reddeman
COUNTY CLERK,
HARRIS COUNTY, TEXAS

WD

C

Charter Title Company
SPECIAL WARRANTY DEED GF# 10 38002629

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

Date: December 20, 2013

Grantor: DWF, INC., a Texas Corporation

Grantor's Mailing Address:

P. O. Box 578
Alto, Texas 75925

Grantee: J. WHALEN, INC., a Texas Corporation 1EE

Grantee's Mailing Address:

2206 Rockhaven Drive
Houston, Texas 77062

Consideration: TEN AND NO\100's DOLLARS (\$10.00)-----
and other good and valuable consideration

Property: (including any improvements):

A tract of land containing 1.711 acres out of Lot 2, Block 12, SOUTH HOUSTON GARDENS No. 8, a subdivision according to the plat recorded in Volume 3, Page 49 of the Map Records of Harris County, Texas, said 1.711 acres being more particularly described by metes and bounds as follows:

BEGINNING at a 1/2" iron rod (set) at the intersection of the easterly line of Lot 2 and the westerly line of Lot 2-A with the southerly right-of-way line of Meldrum Street (60 feet in width as presently existing);

THENCE S 00 deg 16 min 46 sec W along the common line between Lots 2 and 2-A, a distance of 438.47 feet to a 1/2" iron rod (found) for a corner;

THENCE S 89 deg 26 min 02 sec W, crossing a portion of Lot 2, a distance of 168.75 feet to a 1/2" iron rod (found) for a corner;

SUBJECT TRACT # 2

LMH

ER 052 - 65 - 0040

THENCE N 00 deg 16 min 58 sec E, a distance of 444.99 feet to a 1/2" iron rod (set) for a corner in the southerly line of Meldrum Street;

THENCE S 88 deg 21 min 00 sec E along the southerly line of Meldrum Street, a distance of 168.75 feet to the Point of Beginning and containing 1.711 acres of land.

Reservations from and Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all valid and subsisting restrictions, reservations, conditions, limitations, covenants, exceptions, mineral conveyances, and easements properly of record in the Office of the County Clerk of Harris County, Texas, if any, affecting the above-described property.

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 to Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever. Grantor binds Grantor and Grantor's heirs, executors, administrators, successors, and assigns to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty, when such claim is by, through, or under Grantor, but not otherwise.

Grantor hereby disclaims any and all warranties and representations regarding the construction, design, planning, existence of defects, and/or any other conditions or status of the Property. Grantee acknowledges that Grantee has not purchased the Property based upon any representation, warranty, agreement, statement or expression of opinion by Grantor or by any person or entity acting or allegedly acting for or on behalf of Grantor. Grantee agrees that the Property is being sold to and accepted by Grantee in its present condition, AS IS, WHERE IS, WITH ALL FAULTS, IF ANY, AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES WHATSOEVER, EXPRESS OR IMPLIED. Without limiting the generality of the foregoing, the sale of the Property hereunder is without any warranty, with respect to: (A) THE VALUE, NATURE, QUALITY OR CONDITION OF THE PROPERTY, INCLUDING, WITHOUT LIMITATION, THE ACREAGE, WATER, SOIL, GEOLOGY, DRAINAGE, OR EXISTENCE OF FLOOD PLAIN, (B) THE INCOME TO BE DERIVED FROM THE PROPERTY, (C) THE SUITABILITY OF THE PROPERTY FOR ANY AND ALL

ER 052 - 65 - 0042

ACTIVITIES AND USES WHICH GRANTEE MAY CONDUCT THEREON, (D) THE COMPLIANCE OF OR BY THE REGULATIONS OF ANY APPLICABLE GOVERNMENTAL AUTHORITY OR BODY, INCLUDING WITHOUT LIMITATION ANY ENVIRONMENTAL PROTECTION, POLLUTION OR LAND USE LAWS, RULES, REGULATIONS, ORDERS OR REQUIREMENTS, (E) THE DISPOSAL OR EXISTENCE, IN OR ON THE PROPERTY, OR ANY HAZARDOUS OR TOXIC MATERIALS, (F) THE HABITABILITY, MERCHANTABILITY, MARKETABILITY, PROFITABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PROPERTY, (G) THE MANNER OR QUALITY OF THE CONSTRUCTION OR MATERIALS, IF ANY, INCORPORATED INTO THE IMPROVEMENTS, (H) THE STATE OF REPAIR OR LACK OF REPAIR OF THE IMPROVEMENTS, OR (I) ANY OTHER MATTER WITH RESPECT TO THE IMPROVEMENTS, EXCEPT THE WARRANTY OF TITLE EXPRESSLY SET FORTH HEREIN.

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

DWF, INC., a Texas Corporation 10R

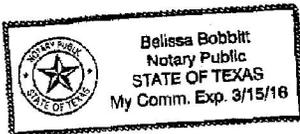
BY: Paul D. Dodson
PAUL D. DODSON, President

BY: Brenda K. Dodson
BRENDA K. DODSON, Vice President

(Acknowledgment)

STATE OF TEXAS
COUNTY OF HARRIS

This instrument was acknowledged before me on the 17th day of December, 2013, by PAUL D. DODSON, President of DWF, INC., a Texas Corporation, on behalf of said corporation.



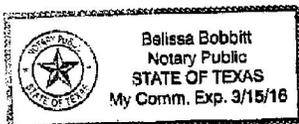
Belissa Bobbitt
Notary Public, State of Texas
Notary's name (printed):
Belissa Bobbitt
Notary's commission expires:
03/15/16

(Acknowledgment)

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me on the 17th day of December, 2013, by BRENDA K. DODSON, Vice President of DWF, INC., a Texas Corporation, on behalf of said corporation.



Belissa Bobbitt
Notary Public, State of Texas
Notary's name (printed):
Belissa Bobbitt
Notary's commission expires:
03/15/16

PREPARED IN THE LAW OFFICE OF: Jerel J. Hill

RETURN TO:

J. Whalen, Inc.
2206 Rockhaven Drive
Houston, Texas 77062

ER 052 - 65 - 0043

ER 052 - 65 - 0044

20130640361
Pages 5
12/26/2013 15:20:04 PM
e-Filed & e-Recorded in the
Official Public Records of
HARRIS COUNTY
STAN STANART
COUNTY CLERK
Fees 28.00

RECORDERS MEMORANDUM

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

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.

THE STATE OF TEXAS
COUNTY OF HARRIS

I hereby certify that this instrument was FILED in File Number Sequence on the date and at the time stamped hereon by me; and was duly RECORDED in the Official Public Records of Real Property of Harris County, Texas.



Stan Stanart

COUNTY CLERK
HARRIS COUNTY, TEXAS

APPENDIX B

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

- 2. *Provide a description of the current use, and, to the extent known, the anticipated use(s), of the designated property and properties within 500 feet of the boundary of the designated property.***

The site is located in an area of mixed commercial/industrial and residential land use. The site land use is commercial/industrial. The site is bound to the north by Meldrum Lane, to the south by an O'Reilly auto parts warehouse and distribution center, to the east by an undeveloped wooded tract, and to the west by a commercial facility and an undeveloped wooded tract. The closest residential property is located north of Meldrum Lane, approximately 100 feet from the designated property boundary. The portion of the designated property occupied by the former Turbo Components & Engineering, Inc. business, as measured by the most recent survey dated 28 May 2014, is 1.7± acres, and the undeveloped wooded tract owned by Champion Hi-Tech Manufacturing, Inc. is 3.9± acres, for a total designated property area of approximately 5.6± acres to be included in the Municipal Settings Designation. There are no known changes to the current land use for the designated property or properties within 500 feet of the designated property.

APPENDIX C

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

3. Provide a map showing:

- a. **The location of the designated property.** (See Figure C.1)
- 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.** (See Figure C.1)
- c. **The detected area of groundwater contamination.** (See Figure C.4)
- d. **The location of all soil sampling locations and all groundwater monitoring wells.** (See Figure C.2)
- e. **Groundwater gradients, to the extent known, and direction of groundwater flow.** (See Figure C.3)
- f. **The ingestion protective concentration level exceedance (PCLE) zone for each contaminant of concern, to the extent known.** (See Figure C.4)
- g. **Depth to groundwater for each affected zone.** (Figure C.3)

As shown in Figure C.1, the designated property is located in the Sims Bayou watershed and is also very close to the boundary of the Clear Creek watershed. Sims Bayou is approximately 3.2 miles north-northwest of the designated property, while Clear Creek is approximately 2.7 miles to the south. USGS topography maps confirm the designated property is located near a topographic high between these two bayous. The designated property is located outside of the 100 year floodplain. The nearest surface water body is Berry Gully, which is located immediately north of Meldrum Lane.

ATTACHMENTS

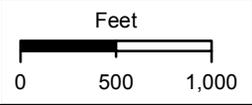
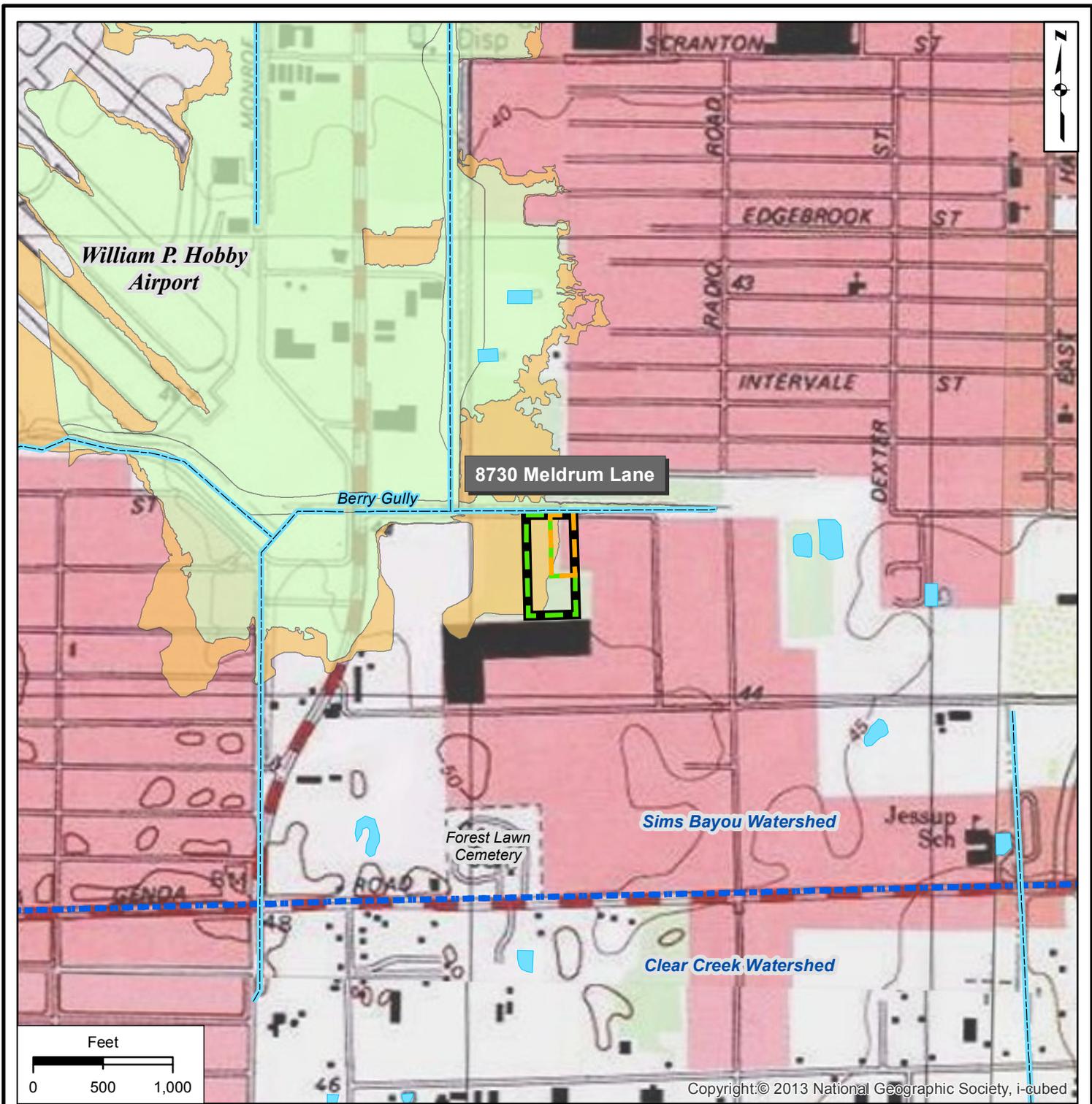
Figure C.1	Site Location and Topographic Map
Figure C.2	Soil and Groundwater Sampling Location Map
Figure C.3	Groundwater Gradient Map: 30 October 2013
Figure C.4	Groundwater COC Concentration Map

APPENDIX C

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Figure C.1
Site Location and Topographic Map



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LEGEND

-  500-year floodplain
-  100-year floodplain
-  Watershed boundary
-  Drainage Features
-  TC&E property boundary (Houston GMIS)
-  Champion HiTech property boundary (Houston GMIS)
-  MSD boundary

Notes

1. Background Imagery: USA Topo Maps, © 2011 National Geographic Society, i-cubed; Courtesy of ESRI Online at http://goto.arcgisonline.com/maps/USA_Topo_Maps
2. Projected Coordinate System: NAD 1983, UTM 15N



SITE LOCATION AND TOPOGRAPHIC MAP

Municipal Settings Designation Application
 Turbo Components & Engineering Facility, Houston, Texas,
 TCEQ VCP No. 2445

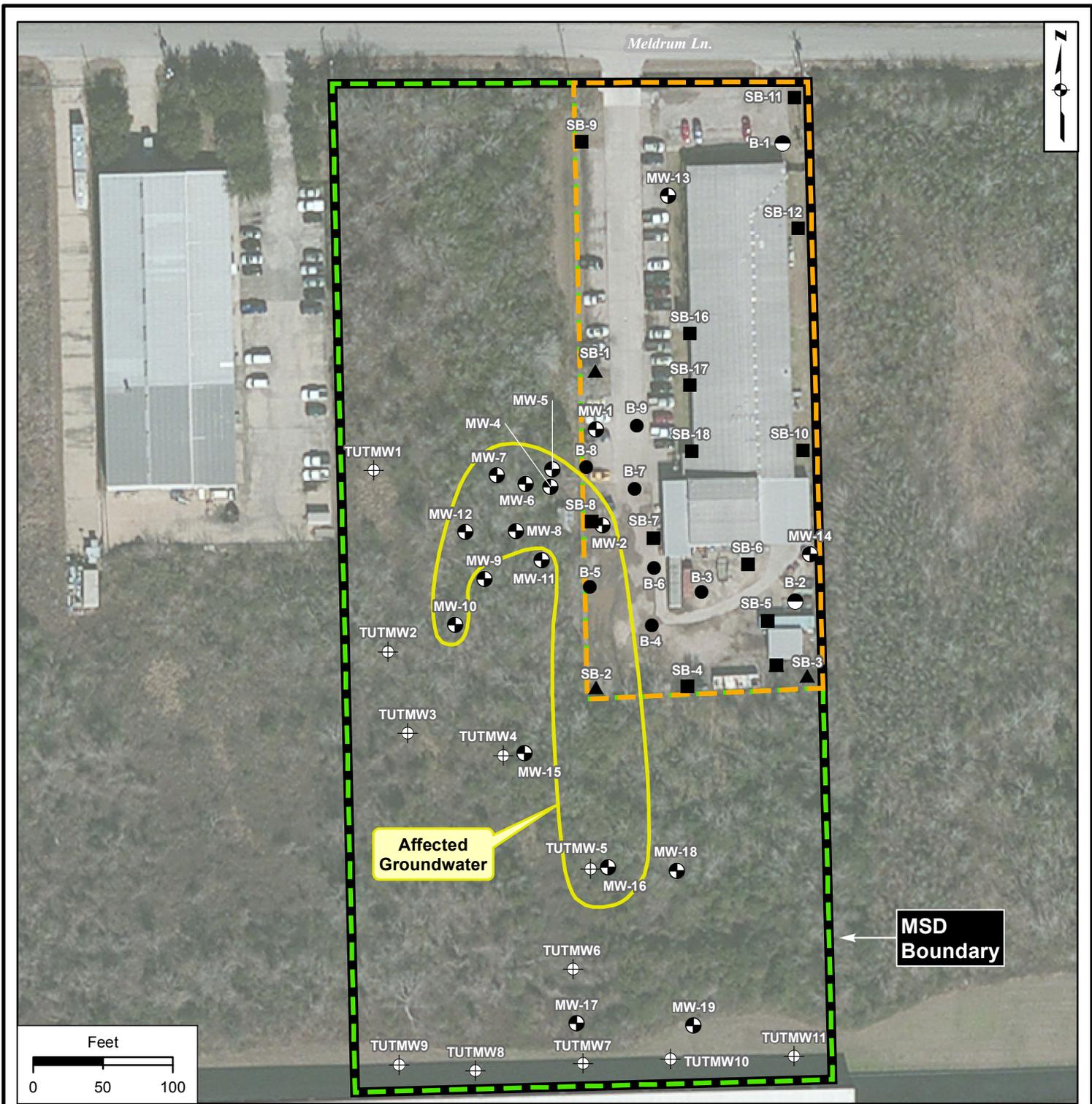
GSI Job No.:	3997	Drawn by:	CDM	Figure C.1
Date:	27-Jun-14	Chk'd by:	CJK	
Revised:		App'd by:	TMM	Map ID: 001_01

APPENDIX C

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Figure C.2
Soil and Groundwater Sampling Location Map



LEGEND

- ⊕ Permanent Monitoring Well (1989-1990)
- GSI Release Detection Soil Boring (2012-2013)
- ▲ GSI Stratigraphic Soil Boring (2012)
- AMEC Phase II Soil Boring (2011)
- ⊙ AMEC Phase II Temporary Well (2011)
- ⊕ Quest Temporary Well (2012)
- ⬜ TC&E property boundary
- ⬜ Champion HiTech property boundary
- Affected Property / PCLE Zone
- ⬜ MSD boundary

Notes

1. Background Imagery: Licensed product of DigitalGlobe, Inc. ("DigitalGlobe") - 0.3 meter color imagery taken 6-May-2011.
2. Projected Coordinate System: NAD 1983, UTM 15N



SOIL AND GROUNDWATER SAMPLING LOCATION MAP

Municipal Settings Designation Application
 Turbo Components & Engineering Facility, Houston, Texas,
 TCEQ VCP No. 2445

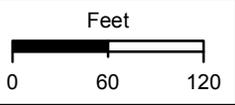
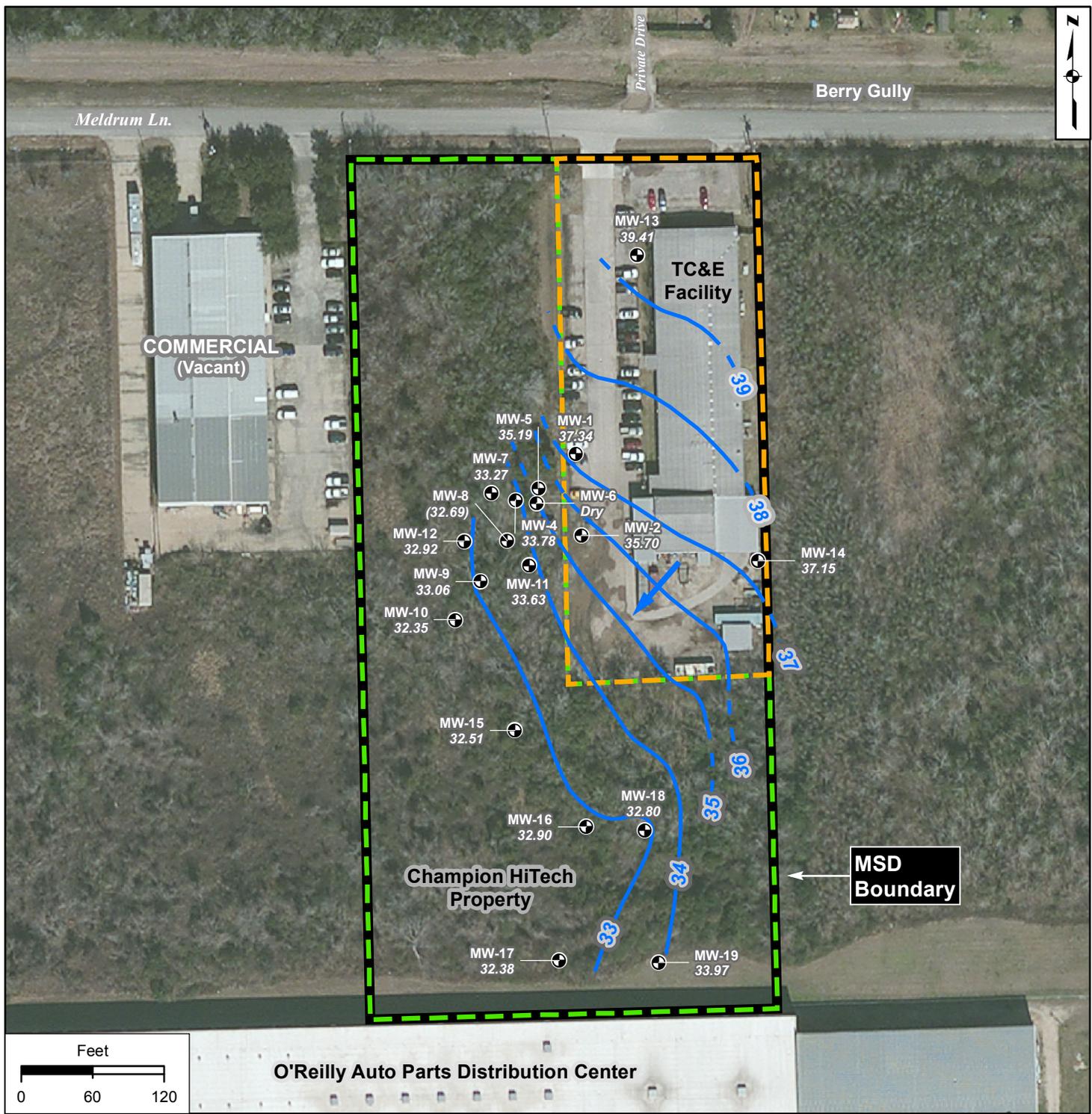
GSI Job No.:	3997	Drawn by:	CDM	Figure C.2
Date:	27-Jun-14	Chk'd by:	CJK	
Revised:		App'd by:	TMM	Map ID: 001_02

APPENDIX C

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Figure C.3
Groundwater Gradient Map: 30 October 2013



O'Reilly Auto Parts Distribution Center

LEGEND

- ⊕ Existing monitoring well
- (32.69) Value not used in contouring
- TC&E property boundary (Houston GMIS)
- Champion HiTech property boundary (Houston GMIS)
- MSD boundary
- 35 — Static Water Level Elevation (ft MSL)
- ➔ General direction of flow in uppermost groundwater bearing unit

Notes

1. Monitoring well locations were taken in the field with a GPS unit and are approximate.
2. Background Imagery: Licensed product of DigitalGlobe, Inc. ("DigitalGlobe") - 0.3 meter color imagery taken 6-May-2011.
3. Projected Coordinate System: NAD 1983, UTM 15N
4. Depth to water for the affected zone ranges from 3-10 feet.



**GROUNDWATER GRADIENT MAP:
30 OCTOBER 2013**

Municipal Settings Designation Application
Turbo Components & Engineering Facility, Houston, Texas,
TCEQ VCP No. 2445

GSI Job No.:	3997	Drawn by:	CDM	Figure C.3
Date:	27-Jun-14	Chk'd by:	CJK	
Revised:		App'd by:	TMM	Map ID: 001_03

APPENDIX C

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Figure C.4
Groundwater COC Concentration Map

Meldrum Ln.



Well ID	MW-4	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	0.617	1.5
1,1-DCE	2.53	3.4
Vinyl Chloride	1.24	0.85

Well ID	MW-7	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	12.2	6.1
1,1-DCE	5.04	5
Vinyl Chloride	0.218	0.028

Well ID	MW-12	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	0.267	0.17
1,1-DCE	0.702	0.48
Vinyl Chloride	0.0518	0.0066

Well ID	MW-10	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	0.085	0.0013
1,1-DCE	0.141	0.0025
Vinyl Chloride	0.463	0.18

Well ID	TUTMW-5
Sample Date	17-Oct-12
COC	mg/L
TCE	1.1
1,1-DCE	0.13
Vinyl Chloride	0.069

Chemical of Concern (COC)	Assessment Level (mg/L)
TCE	0.5
1,1-DCE	0.7
Vinyl Chloride	0.2

Well ID	MW-5	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	1.51	0.46
1,1-DCE	1.19	0.56
Vinyl Chloride	0.179	0.31

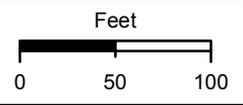
Well ID	MW-8	
Sample Date	3-Jun-11	18-Oct-12
COC	mg/L	mg/L
TCE	0.101	0.12
1,1-DCE	3.55	5.5
Vinyl Chloride	0.302	0.097

Well ID	MW-2	
Sample Date	31-May-11	16-Oct-12
COC	mg/L	mg/L
TCE	2.62	3.1
1,1-DCE	0.202	0.17
Vinyl Chloride	0.0771	0.095

Well ID	MW-16
Sample Date	5-Jun-13
COC	mg/L
TCE	2.3
1,1-DCE	0.14
Vinyl Chloride	0.12

Affected Groundwater

MSD Boundary



LEGEND

- Permanent Monitoring Well (1989-1990, 2013)
- AMEC Phase II Temporary Well (2011)
- Quest Temporary Well (2012)
- TC&E property boundary
- Champion HiTech property boundary
- Affected Property / PCLE Zone
- COCs not detected
- One or more COCs detected at a concentration below the Assessment Level
- One or more COCs detected at a concentration exceeding the Assessment Level
- MSD boundary

- Notes**
- Assessment Level is the lowest applicable Tier 1 Residential PCL for Class 3 groundwater.
 - Background Imagery: Licensed product of DigitalGlobe, Inc. ("DigitalGlobe") - 0.3 meter color imagery taken 6-May-2011.
 - Projected Coordinate System: NAD 1983, UTM 15N



GROUNDWATER COC CONCENTRATION MAP

Municipal Settings Designation Application
 Turbo Components & Engineering Facility, Houston, Texas,
 TCEQ VCP No. 2445

GSI Job No.:	3997	Drawn by:	CDM	Figure C.4
Date:	27-Jun-14	Chk'd by:	CJK	
Revised:		Appv'd by:	TMM	Map ID: 001_04

APPENDIX D

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

- 4. Provide for each contaminant of concern within the designated groundwater:**
- a. A description of the ingestion protective concentration level exceedance (PCLE) zone and the non-ingestion PCLE zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface (bgs).**
 - b. The level of contamination, the ingestion protective concentration level (PCL), and the non-ingestion PCL, 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.)**

As shown on Figure C.4 in Appendix C of this application, the affected groundwater (i.e., the ingestion PCLE zone) is located within the central and southern portion of the designated property. There are no non-ingestion PCLE zones present at the property. The affected groundwater is limited to the uppermost groundwater bearing unit (GWBU), which is encountered between approximately 9 and 14 feet below ground surface (ft bgs). As shown in Figure C.5, the uppermost GWBU is a relatively thin stratum comprised of silt and fine-grain sand. The uppermost GWBU is a Class 3 (non-usable) groundwater-bearing unit as defined by the TCEQ based on a sustainable well yield below 150 gallons per day. As such, all Residential Assessment Levels (RALs) and critical Protective Concentration Levels (PCLs) are based on the Class 3 groundwater designation.

The three COCs detected in groundwater at concentrations exceeding PCLs are summarized in the table below. The estimated combined PCLE zone area for all three COCs is approximately 24,000 square feet. All three COCs (trichloroethene, 1,1-dichloroethene, and vinyl chloride) are volatile organic compounds, are only slightly soluble in water, and are denser than water. All of these COCs are susceptible to natural attenuation processes, including biodegradation, dispersion, volatilization, and retardation. Two of the three COCs, 1,1-dichloroethene, and vinyl chloride, are, in fact, biodegradation daughter products of natural attenuation. Geochemical conditions within the affected groundwater are favorable for on-going biodegradation and attenuation of the COCs.

Based on the five temporary wells installed at approximately 50-ft spacing along the southern designated property boundary, affected groundwater, based on this Class 3 groundwater classification, does not extend onto off-site property for any COC.

Table D.1. Maximum Groundwater Concentrations for COCs Exceeding Groundwater Ingestion PCLs

COC	CAS No.	Most Recent Maximum Concentration Observed (mg/L)	Residential Assessment Level (mg/L)	Ingestion PCL (^{GW} GW _{Class 3}) (mg/L)	Non-ingestion PCL (^{Air} GW _{Inh-v}) (mg/L)	Estimated Ingestion PCLE Zone Area (ft ²)
Trichloroethene	79-01-6	12.2 (MW-7 June 2011)	0.5	0.5	24	24,125
1,1-Dichloroethene	75-35-4	5.5 (MW-8 October 2012)	0.7	0.7	1700	
Vinyl chloride	75-01-4	1.24 (MW-4 June 2011)	0.2	0.2	3.8	

APPENDIX E

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
 TCEQ VCP No. 2445

- 5. A table displaying the following information for each contaminant of concern, to the extent known:**
- a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater.**
 - b. The critical protective concentration level without the municipal setting designation, highlighting any exceedences.**

The following table lists ingestion and non-ingestion PCLs for the three COCs detected in groundwater at concentrations exceeding the ingestion PCLs, which are the PCLs that are applicable without the Municipal Settings Designation. There are no exceedences of non-ingestion PCLs.

Table E.1. Maximum Groundwater Concentrations for COCs Exceeding Groundwater Ingestion PCLs

COC	CAS No.	Most Recent Maximum Concentration Observed (mg/L)	Residential Assessment Level (mg/L)	Ingestion PCL (^{GW} GW _{Class 3}) (mg/L)	Non-ingestion PCL (^{Air} GW _{Inh-V}) (mg/L)	Estimated Ingestion PCLE Zone Area (ft ²)
Trichloroethene	79-01-6	12.2 (MW-7 June 2011)	0.5	0.5	24	24,125
1,1-Dichloroethene	75-35-4	5.5 (MW-8 Oct. 2012)	0.7	0.7	1700	
Vinyl chloride	75-01-4	1.24 (MW-4 June 2011)	0.2	0.2	3.8	

Soils have been characterized by the sampling and analysis of soil samples collected in 2011 through 2013. Samples were analyzed for a broad range of COCs including volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), and Resource Conservation and Recovery Act (RCRA) metals. No COCs were detected in any sample at concentrations exceeding the Residential Assessment Level (i.e., the lowest applicable Tier 1 Protective Concentration Level). As such, affected soils are not present on the designated property. The following table provides maximum soil concentrations of the three COCs detected in groundwater at concentrations exceeding ingestion PCLs.

Table E.2. Maximum Soil Concentrations

COC	CAS No.	Maximum Concentration Observed (mg/kg)	Residential Assessment Level (mg/kg)	Direct Soil Contact PCL (^{Tot} Soil _{Comb}) (mg/kg)	Soil-to-Groundwater PCL (^{GW} Soil _{Class 3}) (mg/kg)
Trichloroethene	79-01-6	0.484 (8-12 ft at B7 in May 2011)	3.4	18	3.4
1,1-Dichloroethene	75-35-4	0.0116 (8-12 ft at B6 in May 2011)	5.0	2300	5.0
Vinyl chloride	75-01-4	0.0295 (8-12 ft at B6 in May 2011)	2.2	3.7	2.2

APPENDIX F

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

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

Based on Class 3 groundwater designation and measurements taken at the down gradient property boundary, the plume does not extend beyond the limits of the property owners listed in this application.

APPENDIX G

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

7. Provide a statement as to whether the plume of contamination is stable (i.e., no change) or contracting and delineated, with the basis for that statement. Please include historical sampling data.

As shown in Figure C.4, the affected groundwater plume has been delineated and the delineation has been approved by the TCEQ via approval of the Affected Property Assessment Report (APAR). The affected groundwater plume is stable, and likely declining, based on the following factors, which are described in more detail below: i) the time period since the release; ii) the lack of an on-going release; iii) the footprint and magnitude of the groundwater plume from 1989-90 to 2013; iv) the presence of biodegradation breakdown products in groundwater; and v) the slow-moving nature of the shallow groundwater.

According to historical environmental site assessment reports, the property was developed in approximately 1985 and operated as a facility for the manufacture and repair of mechanical seals. Operations by this entity ceased in 1989 and the facility was reported to be vacant for approximately two years. An environmental site assessment prepared in October 1990 reported the presence of chlorinated solvents in groundwater. As such, the release of chlorinated solvents appears to have occurred in the 1985 to 1989 timeframe.

In 1991, the property was leased by Turbo Components & Engineering, Inc. There have been no known or suspected releases of chlorinated solvents at the designated property since Turbo Components began operations at the facility in 1991. As such, there has not been an active source at the site for at least 25 years. A comparison of the footprint of the impacted groundwater zone and magnitude of contaminant concentrations between the initial assessment performed in the 1989-90 timeframe and current conditions indicates the groundwater plume to be stable and consistent with the lack of an active source. Furthermore, the presence of breakdown products that result from the natural biodegradation of the primary chlorinated solvent compounds is indicative of a declining plume. Finally, the groundwater-bearing unit that has been impacted by the chlorinated solvents is a low permeability, relatively thin unit, with a flat gradient that results in a slow groundwater seepage velocity. Such a slow moving groundwater impedes movement of the contamination and enhances the residence time for biodegradation to occur along the groundwater flow path. Historical groundwater sampling data are provided in Table G.1 – Table G.4.

ATTACHMENTS

Table G.1	Groundwater Sampling and Testing Results: VOCs
Table G.2	Groundwater Sampling and Testing Results: Metals
Table G.3	Groundwater Sampling and Testing Results: TPH
Table G.4	Groundwater Sampling and Testing Results: Geochemical Parameters

APPENDIX G

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Table G.1

Groundwater Sampling and Testing Results: VOCs

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

**City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445**

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-01	MW-01	MW-01	MW-01	MW-01
SAMPLE ID:			MW-01	MW-01	MW-01	MW-01	MW-01 DUP
SAMPLE DATE:			4/1/1989	8/1/1989	2/1/1990	5/31/2011	5/31/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	<0.00099	<0.00099
Benzene	71-43-2	5.00E-01	-	-	-	0.0000898 J	0.000102 J
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	<0.00016	<0.00016
Bromoform	75-25-2	1.16E+01	-	-	-	<0.00019	<0.00019
Bromomethane	74-83-9	3.42E+00	-	-	-	<0.00025	<0.00025
Carbon disulfide	75-15-0	2.44E+02	-	-	-	<0.00024	<0.00024
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	<0.00015	<0.00015
Chlorobenzene	108-90-7	1.00E+01	-	-	-	<0.00012	<0.00012
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	<0.00018	<0.00018
Chloroethane	75-00-3	9.78E+02	0.185	0.181	ND	<0.00008	<0.00008
Chloroform	67-66-3	1.99E+01	-	-	-	<0.00013	<0.00013
Chloromethane	74-87-3	7.02E+00	-	-	-	<0.00018	<0.00018
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	<0.00015	<0.00015
Dichloroethane, 1,1-	75-34-3	4.89E+02	0.692	0.875	0.565	0.0123	0.00875
Dichloroethane, 1,2-	107-06-2	5.00E-01	ND	0.008	ND	<0.00014	<0.00014
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.62	1.092	0.865	0.00371	0.00273
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	-	-	-	0.0376	0.0316
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	0.0573	0.0456
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	ND	0.027	1.06	0.0197	0.014
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	<0.00016	<0.00016
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	<0.00018	<0.00018
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	<0.00021	<0.00021
Ethyl benzene	100-41-4	7.00E+01	-	-	-	<0.00011	<0.00011
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	<0.00035	<0.00035
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	<0.00076	<0.00076
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	<0.00045	<0.00045
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	<0.00015	<0.00015
Styrene	100-42-5	1.00E+01	-	-	-	<0.00007	<0.00007
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	<0.00022	<0.00022
Tetrachloroethylene	127-18-4	5.00E-01	-	-	-	<0.00013	<0.00013
Toluene	108-88-3	1.00E+02	-	-	-	0.000151 J	0.000179 J
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	0.509	0.616	0.555	<0.00015	<0.00015
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	<0.00028	<0.00028
Trichloroethylene	79-01-6	5.00E-01	0.025	1.152	7.3	0.00693	0.00917
Vinyl acetate	108-05-4	2.44E+03	-	-	-	<0.00021	<0.00021
Vinyl chloride	75-01-4	2.00E-01	0.07	0.106	ND	0.0554	0.0497
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	<0.00017	<0.00017
Xylene, o-	95-47-6	1.00E+03	-	-	-	<0.00012	<0.00012
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	<0.00026	<0.00026

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-01	MW-02	MW-02	MW-02	MW-02
SAMPLE ID:			MW-01	MW-02	MW-02	MW-02	MW-02
SAMPLE DATE:			10/16/2012	4/1/1989	8/1/1989	2/1/1990	5/31/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	-	<0.00099
Benzene	71-43-2	5.00E-01	-	-	-	-	0.00019 J
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	-	<0.00016
Bromoform	75-25-2	1.16E+01	-	-	-	-	<0.00019
Bromomethane	74-83-9	3.42E+00	-	-	-	-	<0.00025
Carbon disulfide	75-15-0	2.44E+02	-	-	-	-	<0.00024
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	-	<0.00015
Chlorobenzene	108-90-7	1.00E+01	-	-	-	-	<0.00012
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	-	<0.00018
Chloroethane	75-00-3	9.78E+02	-	ND	0.014	ND	<0.00008
Chloroform	67-66-3	1.99E+01	-	-	-	-	<0.00013
Chloromethane	74-87-3	7.02E+00	-	-	-	-	<0.00018
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	-	<0.00015
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	0.368	0.852	2.1	<0.00011
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.0005	ND	0.014	ND	0.000652 J
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.02	1.426	3.849	7.1	0.202
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	0.055	-	-	-	1.18
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	-	1.23
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	0.014	ND	0.021	ND	0.0487
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	-	<0.00016
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	-	<0.00018
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	-	<0.00021
Ethyl benzene	100-41-4	7.00E+01	-	-	-	-	<0.00011
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	-	<0.00035
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	-	<0.00076
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	-	<0.00045
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	-	<0.00015
Styrene	100-42-5	1.00E+01	-	-	-	-	<0.00007
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	-	<0.00022
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	-	-	-	0.000258 J
Toluene	108-88-3	1.00E+02	-	-	-	-	<0.00015
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	-	1.129	1.094	3.48	<0.00015
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	-	<0.00028
Trichloroethylene	79-01-6	5.00E-01	0.076	ND	0.055	0.575	2.62
Vinyl acetate	108-05-4	2.44E+03	-	-	-	-	<0.00021
Vinyl chloride	75-01-4	2.00E-01	0.02	ND	ND	ND	0.0771
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	-	<0.00017
Xylene, o-	95-47-6	1.00E+03	-	-	-	-	<0.00012
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	-	<0.00026

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-02	MW-04	MW-04	MW-04	MW-04
SAMPLE ID:			MW-02	MW-04	MW-04	MW-04	MW-04
SAMPLE DATE:			10/16/2012	4/1/1989	8/1/1989	2/1/1990	6/3/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	-	<0.00099
Benzene	71-43-2	5.00E-01	-	-	-	-	0.000352 J
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	-	<0.00016
Bromoform	75-25-2	1.16E+01	-	-	-	-	<0.00019
Bromomethane	74-83-9	3.42E+00	-	-	-	-	<0.00025
Carbon disulfide	75-15-0	2.44E+02	-	-	-	-	<0.00024
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	-	<0.00015
Chlorobenzene	108-90-7	1.00E+01	-	-	-	-	<0.00012
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	-	<0.00018
Chloroethane	75-00-3	9.78E+02	-	ND	ND	ND	0.0141
Chloroform	67-66-3	1.99E+01	-	-	-	-	0.000172 J
Chloromethane	74-87-3	7.02E+00	-	-	-	-	<0.00018
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	-	<0.00015
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	ND	ND	ND	0.693
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.005	ND	ND	ND	0.00473
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.17	0.051	0.064	ND	2.53
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	1.9	-	-	-	2.72
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	-	2.83
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	0.095	ND	0.01	ND	0.112
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	-	<0.00016
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	-	<0.00018
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	-	<0.00021
Ethyl benzene	100-41-4	7.00E+01	-	-	-	-	<0.00011
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	-	<0.00035
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	-	<0.00076
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	-	<0.00045
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	-	<0.00015
Styrene	100-42-5	1.00E+01	-	-	-	-	<0.00007
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	-	<0.00022
Tetrachloroethylene	127-18-4	5.00E-01	<0.01	-	-	-	0.000818 J
Toluene	108-88-3	1.00E+02	-	-	-	-	0.000169 J
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	-	0.082	0.056	ND	<0.00015
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	-	0.000946 J
Trichloroethylene	79-01-6	5.00E-01	3.1	9.371	15.425	9.86	0.617
Vinyl acetate	108-05-4	2.44E+03	-	-	-	-	<0.00021
Vinyl chloride	75-01-4	2.00E-01	0.095	ND	ND	ND	1.24
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	-	<0.00017
Xylene, o-	95-47-6	1.00E+03	-	-	-	-	0.000564 J
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	-	0.000564 J

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-04	MW-05	MW-05	MW-05	MW-05
SAMPLE ID:			MW-04	MW-05	MW-05	MW-05	MW-05
SAMPLE DATE:			10/18/2012	8/1/1989	2/1/1990	6/3/2011	10/18/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	<0.00099	-
Benzene	71-43-2	5.00E-01	-	-	-	0.000274 J	-
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	<0.00016	-
Bromoform	75-25-2	1.16E+01	-	-	-	<0.00019	-
Bromomethane	74-83-9	3.42E+00	-	-	-	<0.00025	-
Carbon disulfide	75-15-0	2.44E+02	-	-	-	<0.00024	-
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	<0.00015	-
Chlorobenzene	108-90-7	1.00E+01	-	-	-	<0.00012	-
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	<0.00018	-
Chloroethane	75-00-3	9.78E+02	-	ND	ND	<0.00008	-
Chloroform	67-66-3	1.99E+01	-	-	-	0.000141 J	-
Chloromethane	74-87-3	7.02E+00	-	-	-	<0.00018	-
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	<0.00015	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	0.157	ND	0.609	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	0.0055	5.222	ND	0.00414	<0.005
Dichloroethylene, 1,1-	75-35-4	7.00E-01	3.4	6.454	2.95	1.19	0.56
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	4.8	-	-	3.62	2
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	3.8	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	0.18	0.036	ND	0.16	0.18
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	<0.00016	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	<0.00018	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	<0.00021	-
Ethyl benzene	100-41-4	7.00E+01	-	-	-	<0.00011	-
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	<0.00035	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	<0.00076	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	<0.00045	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	<0.00015	-
Styrene	100-42-5	1.00E+01	-	-	-	<0.00007	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	<0.00022	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.005	-	-	0.000794 J	<0.005
Toluene	108-88-3	1.00E+02	-	-	-	0.000181 J	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	-	ND	2.27	<0.00015	-
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	0.00108	-
Trichloroethylene	79-01-6	5.00E-01	1.5	7.555	9.38	1.51	0.46
Vinyl acetate	108-05-4	2.44E+03	-	-	-	<0.00021	-
Vinyl chloride	75-01-4	2.00E-01	0.85	ND	ND	0.179	0.31
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	<0.00017	-
Xylene, o-	95-47-6	1.00E+03	-	-	-	<0.00012	-
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	<0.00026	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-07	MW-07	MW-07	MW-08	MW-08
SAMPLE ID:			MW-07	MW-07	MW-07	MW-08	MW-08
SAMPLE DATE:			2/1/1990	6/3/2011	10/18/2012	11/1/1989	2/1/1990
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	<0.00099	-	-	-
Benzene	71-43-2	5.00E-01	-	0.000429 J	-	-	-
Bromodichloromethane	75-27-4	1.47E+00	-	<0.00016	-	-	-
Bromoform	75-25-2	1.16E+01	-	<0.00019	-	-	-
Bromomethane	74-83-9	3.42E+00	-	<0.00025	-	-	-
Carbon disulfide	75-15-0	2.44E+02	-	<0.00024	-	-	-
Carbon tetrachloride	56-23-5	5.00E-01	-	<0.00015	-	-	-
Chlorobenzene	108-90-7	1.00E+01	-	<0.00012	-	-	-
Chlorobromomethane	74-97-5	9.78E+01	-	<0.00018	-	-	-
Chloroethane	75-00-3	9.78E+02	ND	<0.00008	-	ND	ND
Chloroform	67-66-3	1.99E+01	-	0.00111	-	-	-
Chloromethane	74-87-3	7.02E+00	-	<0.00018	-	-	-
Dibromochloromethane	124-48-1	1.09E+00	-	<0.00015	-	-	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	ND	0.992	-	0.0303	ND
Dichloroethane, 1,2-	107-06-2	5.00E-01	ND	0.0131	0.013	ND	ND
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.0097	5.04	5	0.74	0.238
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	-	2.64	2.2	-	-
Dichloroethylene, Total, 1,2-	540-59-0	-	-	2.64	-	-	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	ND	0.0298 J	0.032	ND	ND
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	<0.00016	-	-	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	<0.00018	-	-	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	<0.00021	-	-	-
Ethyl benzene	100-41-4	7.00E+01	-	<0.00011	-	-	-
Hexanone, 2-	591-78-6	1.22E+01	-	<0.00035	-	-	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	<0.00076	-	-	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	<0.00045	-	-	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	<0.00015	-	-	-
Styrene	100-42-5	1.00E+01	-	<0.00007	-	-	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	<0.00022	-	-	-
Tetrachloroethylene	127-18-4	5.00E-01	-	0.00409	<0.01	-	-
Toluene	108-88-3	1.00E+02	-	0.000434 J	-	-	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	0.00807	<0.00015	-	0.865	0.286
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	0.00242	-	-	-
Trichloroethylene	79-01-6	5.00E-01	ND	12.2	6.1	0.0343	0.105
Vinyl acetate	108-05-4	2.44E+03	-	<0.00021	-	-	-
Vinyl chloride	75-01-4	2.00E-01	ND	0.218	0.028	ND	ND
Xylene, m,p-	179601-23-1	1.00E+03	-	<0.00017	-	-	-
Xylene, o-	95-47-6	1.00E+03	-	0.000699 J	-	-	-
Xylenes, Total	1330-20-7	1.00E+03	-	0.000699 J	-	-	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-08	MW-08	MW-09	MW-09	MW-09
SAMPLE ID:			MW-08	MW-08	MW-09	MW-09	MW-09
SAMPLE DATE:			6/3/2011	10/18/2012	2/1/1990	6/3/2011	10/18/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	<0.00099	-	-	<0.00099	-
Benzene	71-43-2	5.00E-01	0.000254 J	-	-	0.0000809 J	-
Bromodichloromethane	75-27-4	1.47E+00	<0.00016	-	-	<0.00016	-
Bromoform	75-25-2	1.16E+01	<0.00019	-	-	<0.00019	-
Bromomethane	74-83-9	3.42E+00	<0.00025	-	-	<0.00025	-
Carbon disulfide	75-15-0	2.44E+02	<0.00024	-	-	<0.00024	-
Carbon tetrachloride	56-23-5	5.00E-01	<0.00015	-	-	<0.00015	-
Chlorobenzene	108-90-7	1.00E+01	<0.00012	-	-	<0.00012	-
Chlorobromomethane	74-97-5	9.78E+01	<0.00018	-	-	<0.00018	-
Chloroethane	75-00-3	9.78E+02	<0.00008	-	ND	<0.00008	-
Chloroform	67-66-3	1.99E+01	0.00035 J	-	-	<0.00013	-
Chloromethane	74-87-3	7.02E+00	<0.00018	-	-	<0.00018	-
Dibromochloromethane	124-48-1	1.09E+00	<0.00015	-	-	<0.00015	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	0.369	-	ND	0.0734	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	0.0105	0.016	ND	0.00139	0.0017
Dichloroethylene, 1,1-	75-35-4	7.00E-01	3.55	5.5	0.116	0.35	0.55
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	0.139 E	0.21	-	0.0248	0.019
Dichloroethylene, Total, 1,2-	540-59-0	-	0.141	-	-	0.0557	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	0.00208	<0.005	ND	0.0309	0.014
Dichloropropane, 1,2-	78-87-5	5.00E-01	<0.00016	-	-	0.000334 J	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	<0.00018	-	-	<0.00018	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	<0.00021	-	-	<0.00021	-
Ethyl benzene	100-41-4	7.00E+01	<0.00011	-	-	<0.00011	-
Hexanone, 2-	591-78-6	1.22E+01	<0.00035	-	-	<0.00035	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	<0.00076	-	-	<0.00076	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	<0.00045	-	-	0.0007 J	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	<0.00015	-	-	<0.00015	-
Styrene	100-42-5	1.00E+01	<0.00007	-	-	<0.00007	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	<0.00022	-	-	<0.00022	-
Tetrachloroethylene	127-18-4	5.00E-01	0.00315	<0.005	-	<0.00013	<0.001
Toluene	108-88-3	1.00E+02	<0.00015	-	-	<0.00015	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	<0.00015	-	0.086	<0.00015	-
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	<0.00028	-	-	<0.00028	-
Trichloroethylene	79-01-6	5.00E-01	0.101	0.12	ND	0.0827	0.086
Vinyl acetate	108-05-4	2.44E+03	<0.00021	-	-	<0.00021	-
Vinyl chloride	75-01-4	2.00E-01	0.302	0.097	ND	0.109	0.024
Xylene, m,p-	179601-23-1	1.00E+03	<0.00017	-	-	<0.00017	-
Xylene, o-	95-47-6	1.00E+03	<0.00012	-	-	<0.00012	-
Xylenes, Total	1330-20-7	1.00E+03	<0.00026	-	-	<0.00026	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-10	MW-10	MW-10	MW-11	MW-11
SAMPLE ID:			MW-10	MW-10	MW-10	MW-11	MW-11
SAMPLE DATE:			2/1/1990	6/3/2011	10/18/2012	2/1/1990	6/3/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	<0.00099	-	-	<0.00099
Benzene	71-43-2	5.00E-01	-	0.000101 J	-	-	<0.00008
Bromodichloromethane	75-27-4	1.47E+00	-	<0.00016	-	-	<0.00016
Bromoform	75-25-2	1.16E+01	-	<0.00019	-	-	<0.00019
Bromomethane	74-83-9	3.42E+00	-	<0.00025	-	-	<0.00025
Carbon disulfide	75-15-0	2.44E+02	-	<0.00024	-	-	<0.00024
Carbon tetrachloride	56-23-5	5.00E-01	-	<0.00015	-	-	<0.00015
Chlorobenzene	108-90-7	1.00E+01	-	<0.00012	-	-	<0.00012
Chlorobromomethane	74-97-5	9.78E+01	-	<0.00018	-	-	<0.00018
Chloroethane	75-00-3	9.78E+02	ND	<0.00008	-	ND	<0.00008
Chloroform	67-66-3	1.99E+01	-	<0.00013	-	-	<0.00013
Chloromethane	74-87-3	7.02E+00	-	<0.00018	-	-	<0.00018
Dibromochloromethane	124-48-1	1.09E+00	-	<0.00015	-	-	<0.00015
Dichloroethane, 1,1-	75-34-3	4.89E+02	ND	0.112	-	0.551	0.0078
Dichloroethane, 1,2-	107-06-2	5.00E-01	ND	0.000921 J	<0.001	ND	<0.00014
Dichloroethylene, 1,1-	75-35-4	7.00E-01	ND	0.141	0.0025	2.31	0.0312
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	-	0.072	0.022	-	0.000683 J
Dichloroethylene, Total, 1,2-	540-59-0	-	-	0.129	-	-	0.00104
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	ND	0.0572	0.03	ND	0.00036 J
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	<0.00016	-	-	<0.00016
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	<0.00018	-	-	<0.00018
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	<0.00021	-	-	<0.00021
Ethyl benzene	100-41-4	7.00E+01	-	<0.00011	-	-	<0.00011
Hexanone, 2-	591-78-6	1.22E+01	-	<0.00035	-	-	<0.00035
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	<0.00076	-	-	<0.00076
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	<0.00045	-	-	<0.00045
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	<0.00015	-	-	<0.00015
Styrene	100-42-5	1.00E+01	-	<0.00007	-	-	<0.00007
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	<0.00022	-	-	<0.00022
Tetrachloroethylene	127-18-4	5.00E-01	-	<0.00013	<0.001	-	<0.00013
Toluene	108-88-3	1.00E+02	-	<0.00015	-	-	<0.00015
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	ND	<0.00015	-	1.34	<0.00015
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	<0.00028	-	-	<0.00028
Trichloroethylene	79-01-6	5.00E-01	ND	0.085	0.0013	14.1	0.0031
Vinyl acetate	108-05-4	2.44E+03	-	<0.00021	-	-	<0.00021
Vinyl chloride	75-01-4	2.00E-01	ND	0.463	0.18	ND	<0.00011
Xylene, m,p-	179601-23-1	1.00E+03	-	<0.00017	-	-	<0.00017
Xylene, o-	95-47-6	1.00E+03	-	<0.00012	-	-	<0.00012
Xylenes, Total	1330-20-7	1.00E+03	-	<0.00026	-	-	<0.00026

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-11	MW-12	MW-12	MW-12	MW-13
SAMPLE ID:			MW-11	MW-12	MW-12	MW-12	MW-13
SAMPLE DATE:			10/18/2012	2/1/1990	6/3/2011	10/18/2012	7/1/1990
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	<0.00099	-	-
Benzene	71-43-2	5.00E-01	-	-	<0.00008	-	-
Bromodichloromethane	75-27-4	1.47E+00	-	-	<0.00016	-	-
Bromoform	75-25-2	1.16E+01	-	-	<0.00019	-	-
Bromomethane	74-83-9	3.42E+00	-	-	<0.00025	-	-
Carbon disulfide	75-15-0	2.44E+02	-	-	<0.00024	-	-
Carbon tetrachloride	56-23-5	5.00E-01	-	-	<0.00015	-	-
Chlorobenzene	108-90-7	1.00E+01	-	-	<0.00012	-	-
Chlorobromomethane	74-97-5	9.78E+01	-	-	<0.00018	-	-
Chloroethane	75-00-3	9.78E+02	-	ND	<0.00008	-	ND
Chloroform	67-66-3	1.99E+01	-	-	<0.00013	-	-
Chloromethane	74-87-3	7.02E+00	-	-	<0.00018	-	-
Dibromochloromethane	124-48-1	1.09E+00	-	-	<0.00015	-	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	ND	0.0866	-	ND
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.001	ND	0.0018	0.0015	ND
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.036	ND	0.702	0.48	ND
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	<0.001	-	0.167	0.08	-
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	0.192	-	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.001	ND	0.0259	0.0071	ND
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	<0.00016	-	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	<0.00018	-	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	<0.00021	-	-
Ethyl benzene	100-41-4	7.00E+01	-	-	<0.00011	-	-
Hexanone, 2-	591-78-6	1.22E+01	-	-	<0.00035	-	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	<0.00076	-	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	<0.00045	-	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	<0.00015	-	-
Styrene	100-42-5	1.00E+01	-	-	<0.00007	-	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	<0.00022	-	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	-	<0.00013	<0.001	-
Toluene	108-88-3	1.00E+02	-	-	<0.00015	-	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	-	ND	<0.00015	-	ND
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	<0.00028	-	-
Trichloroethylene	79-01-6	5.00E-01	0.0015	ND	0.267	0.17	ND
Vinyl acetate	108-05-4	2.44E+03	-	-	<0.00021	-	-
Vinyl chloride	75-01-4	2.00E-01	0.0015	ND	0.0518	0.0066	ND
Xylene, m,p-	179601-23-1	1.00E+03	-	-	<0.00017	-	-
Xylene, o-	95-47-6	1.00E+03	-	-	<0.00012	-	-
Xylenes, Total	1330-20-7	1.00E+03	-	-	<0.00026	-	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

**City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445**

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-13	MW-13	MW-14	MW-14	MW-14
SAMPLE ID:			MW-13	MW-13	MW-14	MW-14	MW-14
SAMPLE DATE:			5/31/2011	10/16/2012	7/1/1990	5/31/2011	10/16/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	<0.00099	-	-	<0.00099	-
Benzene	71-43-2	5.00E-01	<0.00008	-	-	<0.00008	-
Bromodichloromethane	75-27-4	1.47E+00	<0.00016	-	-	<0.00016	-
Bromoform	75-25-2	1.16E+01	<0.00019	-	-	<0.00019	-
Bromomethane	74-83-9	3.42E+00	<0.00025	-	-	<0.00025	-
Carbon disulfide	75-15-0	2.44E+02	<0.00024	-	-	<0.00024	-
Carbon tetrachloride	56-23-5	5.00E-01	<0.00015	-	-	<0.00015	-
Chlorobenzene	108-90-7	1.00E+01	<0.00012	-	-	<0.00012	-
Chlorobromomethane	74-97-5	9.78E+01	<0.00018	-	-	<0.00018	-
Chloroethane	75-00-3	9.78E+02	<0.00008	-	ND	<0.00008	-
Chloroform	67-66-3	1.99E+01	<0.00013	-	-	<0.00013	-
Chloromethane	74-87-3	7.02E+00	<0.00018	-	-	<0.00018	-
Dibromochloromethane	124-48-1	1.09E+00	<0.00015	-	-	<0.00015	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	<0.00011	-	ND	<0.00011	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.00014	<0.0005	ND	<0.00014	<0.0005
Dichloroethylene, 1,1-	75-35-4	7.00E-01	<0.00019	<0.0006	ND	<0.00019	<0.0006
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	<0.00006	<0.001	-	<0.00006	<0.001
Dichloroethylene, Total, 1,2-	540-59-0	-	<0.0003	-	-	<0.0003	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.00009	<0.001	ND	<0.00009	<0.001
Dichloropropane, 1,2-	78-87-5	5.00E-01	<0.00016	-	-	<0.00016	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	<0.00018	-	-	<0.00018	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	<0.00021	-	-	<0.00021	-
Ethyl benzene	100-41-4	7.00E+01	<0.00011	-	-	<0.00011	-
Hexanone, 2-	591-78-6	1.22E+01	<0.00035	-	-	<0.00035	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	<0.00076	-	-	<0.00076	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	<0.00045	-	-	<0.00045	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	<0.00015	-	-	<0.00015	-
Styrene	100-42-5	1.00E+01	<0.00007	-	-	<0.00007	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	<0.00022	-	-	<0.00022	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.00013	<0.001	-	<0.00013	<0.001
Toluene	108-88-3	1.00E+02	<0.00015	-	-	<0.00015	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	<0.00015	-	ND	<0.00015	-
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	<0.00028	-	-	<0.00028	-
Trichloroethylene	79-01-6	5.00E-01	<0.00018	<0.001	ND	<0.00018	<0.001
Vinyl acetate	108-05-4	2.44E+03	<0.00021	-	-	<0.00021	-
Vinyl chloride	75-01-4	2.00E-01	<0.00011	<0.0005	ND	<0.00011	<0.0005
Xylene, m,p-	179601-23-1	1.00E+03	<0.00017	-	-	<0.00017	-
Xylene, o-	95-47-6	1.00E+03	<0.00012	-	-	<0.00012	-
Xylenes, Total	1330-20-7	1.00E+03	<0.00026	-	-	<0.00026	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-15	MW-16	MW-17	Temp-well-1	Temp-well-2
SAMPLE ID:			MW-15	MW-16	MW-17	Temp-well-1	Temp-well-2
SAMPLE DATE:			6/5/2013	6/5/2013	6/5/2013	5/31/2011	5/31/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	<0.00099	0.00306
Benzene	71-43-2	5.00E-01	-	-	-	<0.00008	<0.00008
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	<0.00016	<0.00016
Bromoform	75-25-2	1.16E+01	-	-	-	<0.00019	<0.00019
Bromomethane	74-83-9	3.42E+00	-	-	-	<0.00025	<0.00025
Carbon disulfide	75-15-0	2.44E+02	-	-	-	<0.00024	<0.00024
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	<0.00015	<0.00015
Chlorobenzene	108-90-7	1.00E+01	-	-	-	<0.00012	<0.00012
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	<0.00018	<0.00018
Chloroethane	75-00-3	9.78E+02	-	-	-	<0.00008	<0.00008
Chloroform	67-66-3	1.99E+01	-	-	-	<0.00013	<0.00013
Chloromethane	74-87-3	7.02E+00	-	-	-	<0.00018	<0.00018
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	<0.00015	<0.00015
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	-	-	<0.00011	0.000487 J
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.001	<0.005	<0.001	<0.00014	<0.00014
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.049	0.14	0.049	<0.00019	0.00117
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	<0.001	2.8	0.26	<0.00006	0.000314 J
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	<0.0003	0.000314 J
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.001	0.026	0.0092	<0.00009	<0.00009
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	<0.00016	<0.00016
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	<0.00018	<0.00018
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	<0.00021	<0.00021
Ethyl benzene	100-41-4	7.00E+01	-	-	-	<0.00011	<0.00011
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	<0.00035	<0.00035
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	<0.00076	<0.00076
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	<0.00045	<0.00045
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	<0.00015	<0.00015
Styrene	100-42-5	1.00E+01	-	-	-	<0.00007	<0.00007
Tetrachloroethane, 1,1,1,2-	79-34-5	4.56E-01	-	-	-	<0.00022	<0.00022
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	<0.005	<0.001	<0.00013	<0.00013
Toluene	108-88-3	1.00E+02	-	-	-	<0.00015	<0.00015
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	<0.001	<0.005	<0.001	<0.00015	<0.00015
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	<0.00028	<0.00028
Trichloroethylene	79-01-6	5.00E-01	0.0018	2.3	0.27	<0.00018	0.00864
Vinyl acetate	108-05-4	2.44E+03	-	-	-	<0.00021	<0.00021
Vinyl chloride	75-01-4	2.00E-01	0.0018	0.12	0.018	<0.00011	<0.00011
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	<0.00017	<0.00017
Xylene, o-	95-47-6	1.00E+03	-	-	-	<0.00012	<0.00012
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	<0.00026	<0.00026

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	TUTMW-01	TUTMW-02	TUTMW-03	TUTMW-04	TUTMW-05
SAMPLE ID:			TUTMW-01	TUTMW-02	TUTMW-03	TUTMW-04	TUTMW-05
SAMPLE DATE:			10/17/2012	10/17/2012	10/17/2012	10/17/2012	10/17/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	-	-
Benzene	71-43-2	5.00E-01	-	-	-	-	-
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	-	-
Bromoform	75-25-2	1.16E+01	-	-	-	-	-
Bromomethane	74-83-9	3.42E+00	-	-	-	-	-
Carbon disulfide	75-15-0	2.44E+02	-	-	-	-	-
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	-	-
Chlorobenzene	108-90-7	1.00E+01	-	-	-	-	-
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	-	-
Chloroethane	75-00-3	9.78E+02	-	-	-	-	-
Chloroform	67-66-3	1.99E+01	-	-	-	-	-
Chloromethane	74-87-3	7.02E+00	-	-	-	-	-
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	-	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	-	-	-	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.001	<0.001	<0.001	<0.001	<0.001
Dichloroethylene, 1,1-	75-35-4	7.00E-01	<0.001	0.014	<0.001	0.083	0.13
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	<0.001	<0.001	0.0017	0.0056	1.5
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	-	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.001	<0.001	<0.001	<0.001	0.022
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	-	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	-	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	-	-
Ethyl benzene	100-41-4	7.00E+01	-	-	-	-	-
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	-	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	-	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	-	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	-	-
Styrene	100-42-5	1.00E+01	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	-	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	108-88-3	1.00E+02	-	-	-	-	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	-	-	-	-	-
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	-	-
Trichloroethylene	79-01-6	5.00E-01	<0.001	<0.001	0.0022	0.0081	1.1
Vinyl acetate	108-05-4	2.44E+03	-	-	-	-	-
Vinyl chloride	75-01-4	2.00E-01	<0.001	<0.001	<0.001	<0.001	0.069
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	-	-
Xylene, o-	95-47-6	1.00E+03	-	-	-	-	-
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	-	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCS**

**City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445**

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	TUTMW-06	TUTMW-07	TUTMW-08	TUTMW-09	TUTMW-10
SAMPLE ID:			TUTMW-06	TUTMW-07	TUTMW-08	TUTMW-09	TUTMW-10
SAMPLE DATE:			11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260							
Acetone	67-64-1	2.20E+03	-	-	-	-	-
Benzene	71-43-2	5.00E-01	-	-	-	-	-
Bromodichloromethane	75-27-4	1.47E+00	-	-	-	-	-
Bromoform	75-25-2	1.16E+01	-	-	-	-	-
Bromomethane	74-83-9	3.42E+00	-	-	-	-	-
Carbon disulfide	75-15-0	2.44E+02	-	-	-	-	-
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-	-	-
Chlorobenzene	108-90-7	1.00E+01	-	-	-	-	-
Chlorobromomethane	74-97-5	9.78E+01	-	-	-	-	-
Chloroethane	75-00-3	9.78E+02	-	-	-	-	-
Chloroform	67-66-3	1.99E+01	-	-	-	-	-
Chloromethane	74-87-3	7.02E+00	-	-	-	-	-
Dibromochloromethane	124-48-1	1.09E+00	-	-	-	-	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	-	-	-	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.001	<0.001	<0.001	<0.001	<0.001
Dichloroethylene, 1,1-	75-35-4	7.00E-01	0.0015	0.021	<0.001	<0.001	<0.001
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	0.0062	0.21	<0.001	<0.001	<0.001
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-	-	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.001	0.018	<0.001	<0.001	<0.001
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-	-	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-	-	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-	-	-
Ethyl benzene	100-41-4	7.00E+01	-	-	-	-	-
Hexanone, 2-	591-78-6	1.22E+01	-	-	-	-	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-	-	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-	-	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-	-	-
Styrene	100-42-5	1.00E+01	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-	-	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	108-88-3	1.00E+02	-	-	-	-	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-	-	-
Trichloroethylene	79-01-6	5.00E-01	0.0053	0.18	<0.001	<0.001	<0.001
Vinyl acetate	108-05-4	2.44E+03	-	-	-	-	-
Vinyl chloride	75-01-4	2.00E-01	<0.001	0.014	<0.001	<0.001	<0.001
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-	-	-
Xylene, o-	95-47-6	1.00E+03	-	-	-	-	-
Xylenes, Total	1330-20-7	1.00E+03	-	-	-	-	-

**TABLE G.1
 GROUNDWATER SAMPLING AND TESTING RESULTS: VOCs**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	TUTMW-11	MW-18	MW-19
SAMPLE ID:			TUTMW-11	MW-18	MW-19
SAMPLE DATE:			11/8/2012	10/18/2013	10/18/2013
ANALYTE	-	mg/L	mg/L	mg/L	mg/L
Volatile Organic Compounds (VOCs) By EPA Method 8260					
Acetone	67-64-1	2.20E+03	-	-	-
Benzene	71-43-2	5.00E-01	-	-	-
Bromodichloromethane	75-27-4	1.47E+00	-	-	-
Bromoform	75-25-2	1.16E+01	-	-	-
Bromomethane	74-83-9	3.42E+00	-	-	-
Carbon disulfide	75-15-0	2.44E+02	-	-	-
Carbon tetrachloride	56-23-5	5.00E-01	-	-	-
Chlorobenzene	108-90-7	1.00E+01	-	-	-
Chlorobromomethane	74-97-5	9.78E+01	-	-	-
Chloroethane	75-00-3	9.78E+02	-	-	-
Chloroform	67-66-3	1.99E+01	-	-	-
Chloromethane	74-87-3	7.02E+00	-	-	-
Dibromochloromethane	124-48-1	1.09E+00	-	-	-
Dichloroethane, 1,1-	75-34-3	4.89E+02	-	-	-
Dichloroethane, 1,2-	107-06-2	5.00E-01	<0.001	<0.0005	<0.0005
Dichloroethylene, 1,1-	75-35-4	7.00E-01	<0.001	0.013	<0.0006
Dichloroethylene, cis-1,2-	156-59-2	7.00E+00	<0.001	0.19	<0.001
Dichloroethylene, Total, 1,2-	540-59-0	-	-	-	-
Dichloroethylene, trans-1,2	156-60-5	1.00E+01	<0.001	0.0058	<0.001
Dichloropropane, 1,2-	78-87-5	5.00E-01	-	-	-
Dichloropropene, cis 1,3-	10061-01-5	1.69E-01	-	-	-
Dichloropropene, trans 1,3-	10061-02-6	9.12E-01	-	-	-
Ethyl benzene	100-41-4	7.00E+01	-	-	-
Hexanone, 2-	591-78-6	1.22E+01	-	-	-
Methyl ethyl ketone (2-butanone)	78-93-3	1.47E+03	-	-	-
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	1.96E+02	-	-	-
Methylene chloride (dichloromethane)	75-09-2	5.00E-01	-	-	-
Styrene	100-42-5	1.00E+01	-	-	-
Tetrachloroethane, 1,1,2,2-	79-34-5	4.56E-01	-	-	-
Tetrachloroethylene	127-18-4	5.00E-01	<0.001	<0.001	<0.001
Toluene	108-88-3	1.00E+02	-	-	-
Trichloroethane, 1,1,1-	71-55-6	2.00E+01	<0.001	-	-
Trichloroethane, 1,1,2-	79-00-5	5.00E-01	-	-	-
Trichloroethylene	79-01-6	5.00E-01	<0.001	0.32	<0.001
Vinyl acetate	108-05-4	2.44E+03	-	-	-
Vinyl chloride	75-01-4	2.00E-01	<0.001	0.012	<0.0005
Xylene, m,p-	179601-23-1	1.00E+03	-	-	-
Xylene, o-	95-47-6	1.00E+03	-	-	-
Xylenes, Total	1330-20-7	1.00E+03	-	-	-

APPENDIX G

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Table G.2

Groundwater Sampling and Testing Results: Metals

**TABLE G.2
 GROUNDWATER SAMPLING AND TESTING RESULTS: METALS**

**City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445**

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-01	MW-01	MW-02	MW-02	MW-04
SAMPLE ID:			MW-01	MW-01	MW-02	MW-02	MW-04
SAMPLE DATE:			5/31/2011	10/16/2012	5/31/2011	10/16/2012	10/18/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Metals by EPA Methods 6010B, 6020, and 7471A							
Arsenic	7440-38-2	1.00E+00	<0.00328	-	<0.00328	-	-
Barium	7440-39-3	2.00E+02	0.406	-	0.324	-	-
Cadmium	7440-43-9	5.00E-01	<0.00035	-	<0.00035	-	-
Chromium	7440-47-3	1.00E+01	<0.00155	-	<0.00155	-	-
Lead	7439-92-1	1.50E+00	<0.0029	-	<0.0029	-	-
Manganese	7439-96-5	1.15E+02	-	0.16	-	0.192	0.0399
Mercury	7439-97-6	2.00E-01	<0.000026	-	<0.000026	-	-
Selenium	7782-49-2	5.00E+00	<0.00417	-	<0.00417	-	-
Silver	7440-22-4	1.22E+01	<0.00125	-	<0.00125	-	-

TABLE G.2
GROUNDWATER SAMPLING AND TESTING RESULTS: METALS

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-05	MW-07	MW-08	MW-09	MW-10
SAMPLE ID:			MW-05	MW-07	MW-08	MW-09	MW-10
SAMPLE DATE:			10/18/2012	10/18/2012	10/18/2012	10/18/2012	10/18/2012
ANALYTE			-	mg/L	mg/L	mg/L	mg/L
Metals by EPA Methods 6010B, 6020, and 7471A							
Arsenic	7440-38-2	1.00E+00	-	-	-	-	-
Barium	7440-39-3	2.00E+02	-	-	-	-	-
Cadmium	7440-43-9	5.00E-01	-	-	-	-	-
Chromium	7440-47-3	1.00E+01	-	-	-	-	-
Lead	7439-92-1	1.50E+00	-	-	-	-	-
Manganese	7439-96-5	1.15E+02	0.0362	<0.005	0.0247	0.00554	0.329
Mercury	7439-97-6	2.00E-01	-	-	-	-	-
Selenium	7782-49-2	5.00E+00	-	-	-	-	-
Silver	7440-22-4	1.22E+01	-	-	-	-	-

**TABLE G.2
 GROUNDWATER SAMPLING AND TESTING RESULTS: METALS**

**City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445**

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-11	MW-12	MW-13	MW-13	MW-14
SAMPLE ID:			MW-11	MW-12	MW-13	MW-13	MW-14
SAMPLE DATE:			10/18/2012	10/18/2012	5/31/2011	10/16/2012	5/31/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Metals by EPA Methods 6010B, 6020, and 7471A							
Arsenic	7440-38-2	1.00E+00	-	-	<0.00328	-	<0.00328
Barium	7440-39-3	2.00E+02	-	-	0.148	-	0.365
Cadmium	7440-43-9	5.00E-01	-	-	0.00164 J	-	<0.00035
Chromium	7440-47-3	1.00E+01	-	-	<0.00155	-	<0.00155
Lead	7439-92-1	1.50E+00	-	-	<0.0029	-	<0.0029
Manganese	7439-96-5	1.15E+02	0.019	0.0287	-	0.199	-
Mercury	7439-97-6	2.00E-01	-	-	<0.000026	-	<0.000026
Selenium	7782-49-2	5.00E+00	-	-	<0.00417	-	<0.00417
Silver	7440-22-4	1.22E+01	-	-	<0.00125	-	<0.00125

**TABLE G.2
 GROUNDWATER SAMPLING AND TESTING RESULTS: METALS**

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater	MW-14
SAMPLE ID:		RAL/Critical	MW-14
SAMPLE DATE:		PCL	10/16/2012
ANALYTE		-	mg/L
Metals by EPA Methods 6010B, 6020, and 7471A			
Arsenic	7440-38-2	1.00E+00	-
Barium	7440-39-3	2.00E+02	-
Cadmium	7440-43-9	5.00E-01	-
Chromium	7440-47-3	1.00E+01	-
Lead	7439-92-1	1.50E+00	-
Manganese	7439-96-5	1.15E+02	0.147
Mercury	7439-97-6	2.00E-01	-
Selenium	7782-49-2	5.00E+00	-
Silver	7440-22-4	1.22E+01	-

APPENDIX G

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Table G.3

Groundwater Sampling and Testing Results: TPH

TABLE G.3
GROUNDWATER SAMPLING AND TESTING RESULTS: TPH

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-01	MW-01	MW-02	MW-04	MW-05
SAMPLE ID:			MW-01	MW-01 DUP	MW-02	MW-04	MW-05
SAMPLE DATE:			5/31/2011	5/31/2011	5/31/2011	6/3/2011	6/3/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Total Petroleum Hydrocarbons by TX 1005							
nC6 to nC12	NA	9.78E+01	<0.365	<0.37	<0.36	<0.363	<0.365
>nC12 to nC28	NA	9.78E+01	<0.316	<0.32	<0.311	<0.314	<0.316
>nC28 to nC35	NA	9.78E+01	<0.552	<0.559	<0.544	<0.55	<0.553
nC6-nC35	NA	NA	<0.552	<0.559	<0.544	<0.55	<0.553

TABLE G.3
GROUNDWATER SAMPLING AND TESTING RESULTS: TPH

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-07	MW-08	MW-09	MW-10	MW-11
SAMPLE ID:			MW-07	MW-08	MW-09	MW-10	MW-11
SAMPLE DATE:			6/3/2011	6/3/2011	6/3/2011	6/3/2011	6/3/2011
ANALYTE			-	mg/L	mg/L	mg/L	mg/L
Total Petroleum Hydrocarbons by TX 1005							
nC6 to nC12	NA	9.78E+01	<0.366	<0.362	<0.365	<0.367	<0.36
>nC12 to nC28	NA	9.78E+01	<0.317	<0.313	<0.316	<0.317	<0.312
>nC28 to nC35	NA	9.78E+01	<0.555	<0.548	<0.553	<0.555	<0.545
nC6-nC35	NA	NA	<0.555	<0.548	<0.553	<0.555	<0.545

TABLE G.3
GROUNDWATER SAMPLING AND TESTING RESULTS: TPH

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	Groundwater RAL/Critical PCL	MW-12	MW-13	MW-14	Temp-well-1	Temp-well-2
SAMPLE ID:			MW-12	MW-13	MW-14	Temp-well-1	Temp-well-2
SAMPLE DATE:			6/3/2011	5/31/2011	5/31/2011	5/31/2011	5/31/2011
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Total Petroleum Hydrocarbons by TX 1005							
nC6 to nC12	NA	9.78E+01	<0.362	<0.364	<0.363	<0.371	<0.367
>nC12 to nC28	NA	9.78E+01	<0.313	<0.315	<0.314	<0.321	<0.318
>nC28 to nC35	NA	9.78E+01	<0.548	<0.551	<0.549	<0.561	<0.556
nC6-nC35	NA	NA	<0.548	<0.551	<0.549	<0.561	<0.556

APPENDIX G

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

Table G.4

Groundwater Sampling and Testing Results: Geochemical Parameters

TABLE G.4
GROUNDWATER SAMPLING AND TESTING RESULTS: GEOCHEMICAL PARAMETERS

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	MW-01	MW-01	MW-02	MW-02	MW-04	MW-04	MW-05	MW-07	MW-08	MW-09
SAMPLE ID:		MW-01	MW-01	MW-02	MW-02	MW-04	MW-04	MW-05	MW-07	MW-08	MW-09
SAMPLE DATE:		4/1/1989	10/16/2012	4/1/1989	10/16/2012	4/1/1989	10/18/2012	10/18/2012	10/18/2012	10/18/2012	10/18/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity by SM2320B											
Alkalinity, Bicarbonate (As CaCO ₃)	NA	-	419	-	470	-	506	482	499	482	444
Alkalinity, Carbonate (As CaCO ₃)	NA	-	<5	-	<5	-	<5	<5	<5	<5	<5
Alkalinity, Hydroxide (As CaCO ₃)	NA	-	-	-	-	-	<5	<5	<5	<5	<5
Alkalinity, Total (As CaCO ₃)	NA	440	-	632	-	440	506	482	499	482	444
Metals by SM3500FED											
Ferrous Iron	7439-89-6	-	-	-	-	-	0.624	<0.05	<0.05	<0.05	<0.05
Other Parameters											
Calcium	7440-70-2	49.4	-	66.1	-	31.2	-	-	-	-	-
Chloride	16887-00-6	37.7	-	112	-	63	-	-	-	-	-
Iron	7439-89-6	-	<0.078	-	<0.078	-	0.542	<0.2	<0.2	<0.2	<0.2
Magnesium	7439-95-4	23.7	-	34.2	-	25.3	-	-	-	-	-
Manganese	7439-96-5	0.07	0.16	0.12	0.192	0.05	0.0399	0.0362	<0.005	0.0247	0.00554
Nitrate	14797-55-8	-	<0.03	-	<0.03	-	<0.1	<0.1	<0.1	<0.1	0.361
Potassium	7440-09-7	0.88	-	12.26	-	1.43	-	-	-	-	-
Sodium	7440-23-5	52.1	-	95.5	49.4	130	-	-	-	-	-
Sulfate	14808-79-8	30.8	21.7	910	-	28.8	47.2	53.4	47.3	31.9	33.3
pH	NA	-	-	-	-	-	6.45	6.33	6.54	6.72	6.62
Temperature @ pH (°C)	NA	-	-	-	-	-	21.3	21.1	21.4	21.9	21.1
Total Dissolved Solids	NA	514	-	792	-	254	-	-	-	-	-

Notes:

1. Detections are in bold; exceedances of groundwater RAL/PCL are in bold underline.
2. < Constituent not detected at specified method detection limit.
3. J = Estimated concentration detected between the Method Detection Limit and Report Limit.
4. b = Analyte is found in the associated blank, as well as in the sample
5. Dup = Duplicate sample

TABLE G.4
GROUNDWATER SAMPLING AND TESTING RESULTS: GEOCHEMICAL PARAMETERS

City of Houston Municipal Settings Designation Application
 Turbo Components & Engineering Site, Houston, Texas, TCEQ VCP No. 2445

LOCATION ID:	CAS No.	MW-10	MW-11	MW-12	MW-13	MW-14	TUTMW-06	TUTMW-07	TUTMW-08	TUTMW-09	TUTMW-10	TUTMW-11
SAMPLE ID:		MW-10	MW-11	MW-12	MW-13	MW-14	TUTMW-06	TUTMW-07	TUTMW-08	TUTMW-09	TUTMW-10	TUTMW-11
SAMPLE DATE:		10/18/2012	10/18/2012	10/18/2012	10/16/2012	10/16/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
ANALYTE	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Alkalinity by SM2320B												
Alkalinity, Bicarbonate (As CaCO ₃)	NA	391	414	315	259	337	-	-	-	-	-	-
Alkalinity, Carbonate (As CaCO ₃)	NA	<5	<5	<5	<5	<5	-	-	-	-	-	-
Alkalinity, Hydroxide (As CaCO ₃)	NA	<5	<5	<5	-	-	-	-	-	-	-	-
Alkalinity, Total (As CaCO ₃)	NA	391	414	315	-	-	-	-	-	-	-	-
Metals by SM3500DED												
Ferrous Iron	7439-89-6	0.347	<0.05	<0.05	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Metals by SW6020												
Calcium	7440-70-2	-	-	-	-	-	-	-	-	-	-	-
Chloride	16887-00-6	-	-	-	-	-	-	-	-	-	-	-
Iron	7439-89-6	0.26	<0.2	<0.2	<0.078	<0.078	-	-	-	-	-	-
Magnesium	7439-95-4	-	-	-	-	-	-	-	-	-	-	-
Manganese	7439-96-5	0.329	0.019	0.0287	0.199	0.147	-	-	-	-	-	-
Nitrate	14797-55-8	<0.1	<0.1	0.35	<0.03	0.389	-	-	-	-	-	-
Potassium	7440-09-7	-	-	-	-	-	-	-	-	-	-	-
Sodium	7440-23-5	-	-	-	-	-	-	-	-	-	-	-
Sulfate	14808-79-8	15.7	36.7	13.9	42.9	23.2	-	-	-	-	-	-
pH	NA	6.75	6.67	6.71	-	-	-	-	-	-	-	-
Temperature @ pH (°C)	NA	21.1	21.2	21.4	-	-	-	-	-	-	-	-
Total Dissolved Solids	NA	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. Detections are in bold; exceedances of groundwater RAL/PCL are in bold underline.
2. < Constituent not detected at specified method detection limit.
3. J = Estimated concentration detected between the Method Detection Limit and Report Limit.
4. b = Analyte is found in the associated blank, as well as in the sample
5. Dup = Duplicate sample

APPENDIX H

CITY OF HOUSTON MUNICIPAL SETTING DESIGNATION APPLICATION

Turbo Components & Engineering Site, Houston, Texas
TCEQ VCP No. 2445

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

Based on all the soil and groundwater sampling conducted to date on the designated property as part of the Voluntary Cleanup Program affected property assessment, exceedences of residential assessment levels are limited to groundwater within the designated property based on ingestion PCLs. Concentrations of all COCs will be below residential assessment levels with the Municipal Settings Designation.