Risk Management Plan

Former Harden Cleaners
220 W. Harden Street
Graham, Alamance County
DSCA Site ID DC10001

H&H Project No. DS0-22M
April 13, 2021
(Revised August 22, 2022)

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Risk Management Plan
Former Harden Cleaners (DC10001)
Graham, North Carolina
H&H Job No. DS0-22M

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Risk Management Plan
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1.0 Introduction

Hart & Hickman, PC (H&H) has prepared this Risk Management Plan (RMP) to address dry-cleaning solvent contamination associated with the former Harden Cleaners site (DSCA Site ID DC10001) on behalf of the North Carolina Department of Environmental Quality (NCDEQ) Dry-cleaning Solvent Cleanup Act (DSCA) Program. The source property for the former Harden Cleaners dry-cleaning facility is located at 220 W. Harden Street in Graham, Alamance County, North Carolina, as shown on **Figure 1**. At the time when the dry-cleaning facility operated on the property, the property address was 218 W. Harden Street; however, it appears that the address was subsequently changed. Impacts associated with the former Harden Cleaners site (herein referred to as the "site") are limited to the source property (where the dry-cleaning facility was located) and one off-source property where groundwater and soil gas impacts have been detected. The site is as follows:

- Source property – Graham Presbyterian Church, 220 W. Harden Street, Parcel Identification Number (PIN) 8884-04-5747/Parcel ID (PID) 145514
- Off-source property – Graham Presbyterian Church, 224 W. Harden Street, PIN 8884-04-7716/PID 145516

There are other known releases of chlorinated solvents in the vicinity of the Harden Cleaners site, specifically Impressive Cleaners and Kayser-Roth. Impressive Cleaners (DSCA Site ID DC10005) is located contiguous to the west of the former Harden Cleaners source property and is an active PCE dry-cleaning facility that has been operating since 1964. The Kayser-Roth property (Inactive Hazardous Sites Branch Site ID NONCD0001949 and Brownfields Program project number 19039-15-001) is located north of the former Harden Cleaners property and was previously used as a textile manufacturing facility and a transportation terminal. Chlorinated solvent groundwater impacts from the Kayser-Roth property, Impressive Cleaners, and former Harden Cleaners are comingled downgradient in the westerly direction.

This RMP has been prepared for the Harden Cleaners site, as defined above. A map identifying the impacted properties is included as **Figure 2**. This RMP is intended to comply with the requirements of DSCA (N.C.G.S. 143-215.104A *et seqs*) and promulgated rules and follows the outline provided in the DSCA Program's risk-based corrective action (RBCA) guidance.

2.0 Objectives of Risk Management Plan

Assessment activities completed at the former Harden Cleaners site identified the following:

- The presence of tetrachloroethylene (PCE) in soil at concentrations above unrestricted land-use standards on the source property;
- The presence of PCE above Title 15A NCAC 2L .0202 Groundwater Standards (2L Standards) in groundwater beneath the source property and one off-source property;
- The presence of PCE in sub-slab gas and soil gas at concentrations exceeding site-specific target levels (SSTLs) for residential use beneath the source property; and
- The presence of PCE in soil gas at concentrations exceeding SSTLs for residential and non-residential use beneath one off-source property.

H&H completed a risk assessment for the site in accordance with the DSCA Program's risk assessment procedures, in December 2020. The results of the risk assessment indicate that there are risks that exceed target risk levels on the source property and one off-source property. These risks will be managed using site-specific land-use conditions that have been selected as part of the risk assessment evaluation and which require an RMP. Thus, the objective of this RMP is to ensure that the site-specific land use conditions remain valid in the future.

3.0 Summary of Risk Assessment Report

Based on the presence of groundwater, soil, and soil gas impacts above unrestricted use standards, H&H completed a risk assessment to determine if the dry-cleaning solvent impacts posed unacceptable risks. This section provides a summary of the approved Risk Assessment, dated

December 4, 2020, which recommended no further action status for the site with land-use controls for the source property and one off-source property.

The risk assessment consisted of evaluating exposure pathways for the following exposure units, which are shown on **Figure 2**:

- Exposure Unit #1 (EU#1) encompasses the source property, where the former Harden Cleaners facility operated; and
- Exposure Unit #2 (EU#2) encompasses the entire off-source property contiguous to the east of the source property.

The protection of groundwater use and surface water contamination migration pathways were also evaluated during the risk assessment. The soil, groundwater, and sub-slab/soil gas data used in the risk assessment are shown on **Figures 3, 4, and 5**, and a groundwater gradient map is provided as **Figure 6**. The results of the risk assessment are described below.

Exposure Unit #1

Complete exposure pathways for contamination identified within EU#1 include indoor inhalation of vapor emissions by a future non-residential worker or resident and soil exposure (combined pathways including ingestion, dermal contact, inhalation of volatile constituents of concern [COCs], and particulates) by a current or future non-residential worker or future resident. The indoor air inhalation pathway was evaluated using sub-slab gas and soil gas data, and the soil exposure pathway was evaluated using soil data. H&H conservatively used the maximum concentrations detected for each affected media (soil and sub-slab gas or soil gas) within the exposure unit for the exposure point concentrations (EPCs). The exposure pathways were modeled using the NCDEQ Risk Calculator. The results of the risk evaluation for EU#1 indicate unacceptable risk levels for the future residential indoor air exposure pathway. No other unacceptable risk levels were identified. To address the potential for future indoor air risk exceedances, H&H recommends implementing vapor intrusion land-use restrictions to control future risks associated with this pathway. Although no exceedances were identified for the residential or non-residential worker soil combined pathways, the DSCA Program still requires a

land-use restriction controlling soil disturbance for the area of soil impacted above PSRGs. Additionally, as groundwater is contaminated within EU#1, a land-use control preventing the use of groundwater is recommended.

Exposure Unit #2

Complete exposure pathways for contamination identified within EU#2 include indoor inhalation of vapor emissions by a future non-residential worker or resident. The indoor air inhalation pathway was evaluated using soil gas data. H&H conservatively used the maximum soil gas concentrations detected within the exposure unit for the EPCs. The exposure pathways were modeled using the NCDEQ Risk Calculator. The results of the risk evaluation for EU#2 indicate unacceptable risk levels for the future residential and non-residential indoor air exposure pathways. No other unacceptable risk levels were identified. To address the potential for future indoor air risk exceedances, H&H recommends implementing vapor intrusion land-use restrictions to control future risks associated with this pathway. Additionally, as groundwater is contaminated within EU#2, a land-use control preventing the use of groundwater is recommended.

Protection of Groundwater Use – Contaminant Migration Pathway

For the protection of groundwater use evaluation, H&H identified the nearest potential point of exposure (POE) as the nearest property downgradient of the groundwater plume where impacts will not be managed under the adjacent Impressive Cleaners (DC10005) site. The POE location is at the downgradient property boundary for the source property, approximately 28 feet west of the groundwater source area, as shown on **Figure 2**. Modeling under this scenario assumes that land-use controls preventing the use of groundwater will be implemented for the source property (EU#1) and one off-source property (EU#2). This area is identified on **Figure 7** as the "groundwater use control area."

The EPCs used for the groundwater source area were based on the maximum groundwater contaminant concentrations for any compound historically detected in wells associated with the former Harden Cleaners site (MW-1S/D through MW-4S/D). The EPCs used for the soil source area were based on the maximum soil contaminant concentrations for any compound historically detected at the site. Modeling was performed using the NCDEQ Risk Calculator.

Modeling results indicated exceedances of Site-Specific Target Levels (SSTLs) for source soil and groundwater. However, the modeling incorporates conservative inputs and groundwater monitoring data are considered more appropriate for evaluating this pathway. As documented in the risk assessment, based on the results of groundwater monitoring, the plume associated with the Harden Cleaners release is considered stable, even in the absence of a surface cover on the source property. The plume does not appear to have migrated substantially onto the Kayser-Roth property to the north. Significantly higher PCE concentrations originate from sources on the Kayser-Roth property and are covered under the IHSB and Brownfields Programs. The plume may migrate onto the adjacent Impressive Cleaners property to the west; however, impacts to the west will be covered by the DSCA Program under the Impressive Cleaners site. Based on review of the site assessment data, the protection of groundwater use pathway is not considered a significant concern if groundwater use controls are implemented for the source property (EU#1) and the adjacent property to the east (EU#2).

Protection of Surface Water – Contaminant Migration Pathway

For the protection of surface water evaluation, the POE was determined to be Bowden Branch located approximately 649 feet northwest of the groundwater source area. Bowden Branch is classified as a Class WS-V, NSW surface water body. The POE location is identified on **Figure 2**. Modeling was performed using the NCDEQ Risk Calculator and the same EPCs for the soil and groundwater source area referenced for the protection of groundwater use evaluation.

Modeling results for the protection of surface water evaluation indicated no exceedances of SSTLs for source soil or groundwater. Therefore, no land-use controls are recommended for this exposure pathway.

Based on the results of this risk assessment, H&H concludes that the risks associated with the contamination at the site can be managed through implementation of land-use controls, as detailed in this RMP. Therefore, the risk assessment recommended risk-based closure for the site. The land-use controls proposed for the site are discussed in Section 6.0.

4.0 Remedial Action Plan

4.1 Assessment Activities and Interim Actions

Harden Cleaners operated on the source property from an unknown date until early 2000. The dry-cleaning business at the property also previously operated as City Laundry Cleaners during an unknown time period prior to Harden Cleaners. The source property building was most recently used as a warehouse, but was demolished during the spring/summer of 2018 and the property is now a vacant lot. Information from the DSCA site petitioner indicated the former dry-cleaning operations at the site historically used PCE and other solvents.

Evidence of a potential release of dry-cleaning solvents was identified during Phase I and II Environmental Site Assessments (ESAs) performed in 1998 and 1999. The former property owner petitioned for entry of the site into the DSCA Program, and the site was certified into the Program on August 31, 2007. Graham Presbyterian Church purchased the property and became the site petitioner in February 2019. The DSCA Program performed assessment and monitoring activities at the site between 2008 and 2019.

Soil assessment activities indicated that PCE was the only constituent of concern detected in soil above Preliminary Soil Remediation Goals (PSRGs) on the source property. The area of impacted soil is primarily located in the eastern portion of the source property where the former warehouse and dry-cleaning building were located. The PCE soil impacts have been adequately defined and are confined to the source property.

Groundwater assessment activities confirmed that groundwater impacted by PCE was present on the source property and adjacent property to the east. The PCE groundwater plume indistinguishably comingles with impacts originating from the Impressive Cleaners site, located directly downgradient and contiguous to the west. The plume associated with the Harden Cleaners site may also negligibly comingle with the southern edge of the plume associated with the Kayser-Roth site, located cross-gradient to the north.

Permanent monitoring wells MW-1S/D through MW-4S/D were used to establish the extent of the Harden Cleaners plume that is not comingled with other sources and were used to establish the stability of the plume. The groundwater sampling results for the monitoring wells indicated low levels of PCE above 2L Standards and minor concentrations of other volatile organic compounds below 2L Standards. The results of the sampling events confirmed groundwater contaminant plume stability.

Vapor intrusion assessment activities were completed at the site and included the collection of sub-slab gas, soil gas, and indoor air data on the source property and soil gas data on the adjacent property to the east. For the source property, sub-slab soil gas samples collected beneath the former building indicated exceedances of acceptable levels for residential use. For the adjacent vacant property to the east, soil gas samples indicated exceedances of acceptable residential and non-residential risk levels. The area of soil gas impacts was delineated and is limited to the source property and adjacent property to the east. Impacts to the west of the Harden Cleaners source property will be addressed by the DSCA Program under the Impressive Cleaners site.

A receptor survey was completed as part of the site assessment activities and did not indicate the presence of private or public water supply wells within 0.5 miles of the site. Bowden Branch, which flows northeast to southwest was identified during the receptor survey. The stream's closest point to the source property is approximately 570 feet towards the northwest. Additionally, a former spring house for the City of Graham is located approximately 800 feet southwest of the source property. The spring house is not currently in use and may have historically been used for potable water. Based on visual observations, water drains from the spring house towards Bowden Branch via underground culverts. Samples collected from the spring and Bowden Branch in October 2008 and June 2014 indicated PCE at concentrations that exceed the 2B Surface Water Quality Standard. However, these surface water detections are attributed to the Impressive Cleaners and/or Kayser-Roth releases.

H&H submitted a Risk Assessment report for the site on December 4, 2020. As discussed in detail in Section 3.0, the risk assessment concluded that risks associated with the contamination at the site could be managed through implementation of land-use controls as detailed in this RMP.

Therefore, the risk assessment recommended risk-based closure for the site. The purpose of this RMP is to ensure that the assumptions made in the risk assessment remain valid in the future.

4.2 Remedial Action

According to the DSCA Program's RBCA guidance, no remedial action is necessary if four site conditions are met. Each of these conditions and their applicability to the subject site are addressed below.

Condition 1: The dissolved plume is stable or decreasing.

Groundwater monitoring at permanent wells was conducted between January 2009 and October 2019. PCE was the only constituent detected above the 2L Standard in groundwater at the site. Low level concentrations of other chlorinated solvent and petroleum constituents were detected below their respective 2L Standards. Based on evaluation of the data, the plume stability analysis for the dry-cleaning solvent release focused on PCE.

The plume stability evaluation included performing a Mann-Kendall statistical analysis of the PCE groundwater data using the GSI Mann-Kendall Toolkit. The analysis was performed for each monitoring well with consistent historical detections of PCE, which included MW-1S/D and MW-4S/D. Based on analyses performed using all available historical data for these wells, PCE concentrations at the site are stable, probably decreasing, or decreasing for wells MW-1S, MW-4S, and MW-4D. The Mann-Kendall analysis for MW-1D indicated a result of "increasing" using all data from January 2009 through October 2019. However, an analysis using the four most recent sampling events (October 2010, July 2013, May 2019, and October 2019) for MW-1D indicated "no trend." Review of the data for MW-1D indicates that concentrations have ranged from non-detect (<0.0010 mg/L) to a high of 0.0011 mg/L in May 2019. The PCE detections in MW-1D only slightly exceed the NC 2L Standard of 0.0007 mg/L. Based on the age of the release, the low concentrations detected in MW-1D, and results of the evaluation, H&H concludes that the groundwater plume associated with the site is generally stable. The plume stability demonstration, including a table and graphs showing historical groundwater analytical data and GSI Mann-

Kendall evaluations, is included in **Appendix A**. The monitoring well locations are shown on **Figure 2**.

Condition 2: The maximum concentration within the exposure domain for every complete exposure pathway of any COC is less than ten times the EPC of that COC.
For the risk assessment, H&H used the maximum concentrations detected at the site as the EPC for each constituent. Thus, this condition has been met for all COCs and exposure pathways.

Condition 3: Adequate assurance is provided that the land-use assumptions used in the DSCA Program's RBCA process are not violated for current or future conditions.
As discussed in Section 6.0, land-use controls will be implemented on the source property and one off-source property to ensure that the assumptions made in the risk assessment remain valid in the future.

Condition 4: There are no ecological concerns at the site.
H&H completed a Level 1 Ecological Risk Assessment for the site in accordance with the DSCA Program's RBCA guidance. The results of the evaluation indicate that the release does not pose an unacceptable ecological risk. The completed Level 1 Ecological Risk Assessment Checklists A and B and associated attachments are included as **Appendix B**.

The site's compliance with the four above-referenced conditions confirms that the contaminant concentrations are not likely to pose an unacceptable risk either at present or in the future. Remaining contamination is expected to naturally attenuate over time. The appropriate remedial action is to implement land-use controls the source property and one off-source property where contamination is present.

5.0 Data Collected During RMP Implementation

No further sampling or other data collection activities are proposed for the site, as long as the assumptions detailed in the Notices of Dry-Cleaning Solvent Remediation (NDCSR) remain valid. As such, this section is not applicable.

6.0 Land-Use Controls

As discussed in Section 3.0, the recommendation for closure in the risk assessment for the site was based on the following land-use controls:

- The source property will not be used for child care centers or schools, or for mining or extraction of coal, oil, gas, or any mineral or non-mineral substances without prior written approval from NCDEQ.
- No activities that encounter, expose, remove or use groundwater may occur on the source property and one off-source property without prior approval of NCDEQ in the area identified as "groundwater use control area" on **Figure 7**.
- For the source property, soil in the area identified as "soil disturbance control area" on **Figure 7** may not be removed or disturbed unless approved in writing in advance by NCDEQ, except for routine landscape maintenance and emergency utility repair.
- Except for routine maintenance, no construction activities or change in property use that cause or create an unacceptable human health risk from vapor intrusion may occur on the source property and one off-source property without prior approval of NCDEQ.
- Structural modifications that may cause or create an increased risk from vapor intrusion require the source property owner and one off-source property owner to demonstrate to the satisfaction of NCDEQ that the indoor air in the structure does not pose an unacceptable risk to the occupants following modifications.

Institutional controls will be implemented to ensure that land-use conditions are maintained and monitored until the land-use controls are no longer required for the site. NDCSRs were prepared for the source property and one off-source property to comply with the land-use control requirements. The NDCSR for the source property is included in **Appendix C**, and the NDCSR for the off-source property is included in **Appendix D**. Refer to the NDCSRs for the specific language to be incorporated to address each of the risk assessment assumptions.

A plat showing the locations and types of dry-cleaning solvent impacts on the site is included as an exhibit to each NDCSR. The locations of dry-cleaning solvent impacts are where contaminants have been detected at concentrations above unrestricted use standards.

Note that this RMP only covers the areas of impacts attributed solely to the Harden Cleaners release. the Harden Cleaners plume indistinguishably comingles with impacts originating from the downgradient Impressive Cleaners site and may also negligibly comingle (concentrations at or near the 2L Standard) with the southern edge of the cross-gradient Kayser-Roth plume. Site assessment data confirm that the Harden Cleaners release is a minor contributor to the downgradient plume extent and addressing the downgradient portion of the comingled plume under the Impressive Cleaners and/or Kayser-Roth sites is appropriate. Impacts downgradient of the Harden Cleaners property to the west at the Impressive Cleaners site will be addressed by the DSCA Program and impacts to the north from the Kayser-Roth site property will be addressed under IHSB regulatory guidance.

7.0 Long-Term Stewardship Plan

The NDCSRs contain a clause which requires the owner of the source property and the off-source property contiguous to the east to submit a notarized "Annual Certification of Land-Use Restrictions" to NCDEQ on an annual basis certifying that the NDCSR remains recorded with the Register of Deeds and that land-use restrictions (LURs) are being complied with. An example of such a certification is included in **Appendix E**.

8.0 RMP Implementation Schedule

Since the groundwater plume is stable and possible exposure to the contamination is managed through the NDCSRs, no additional site remediation activities are required to implement the RMP. A 30-day public comment period will be held to allow the community an opportunity to comment on the proposed strategy. **Appendix F** includes example documents that will be used to announce the public comment period in the local newspaper and to inform local officials, nearby property owners, and interested parties. Upon completion of the public comment period and final approval

of the RMP, the NDCSRs will be filed with the Alamance County Register of Deeds which will complete the RMP schedule.

9.0 Criteria for Demonstrating RMP Success

The RMP will be successfully implemented once the required NDCSRs have been executed and recorded with the Alamance County Register of Deeds. The NDCSR for each property may, at the request of the owner of the property, be canceled by NCDEQ after the risk to public health and the environment associated with the dry-cleaning solvent contamination and any other contaminants included in the dry-cleaning solvent assessment and remediation agreement has been eliminated as a result of remediation of the property. If NCDEQ is notified of a change in site conditions, per the notification requirements detailed in the NDCSR, the RMP will be reviewed to determine if the site conditions have impacted the requirements set forth in the NDCSR and if changes are required. Enforcement of the RMP will be maintained through receipt of the "Annual Certification of Land-Use Restrictions" from the owner of the source property and one off-source property as part of the NDCSR requirements.

10.0 Contingency Plan if RMP Fails

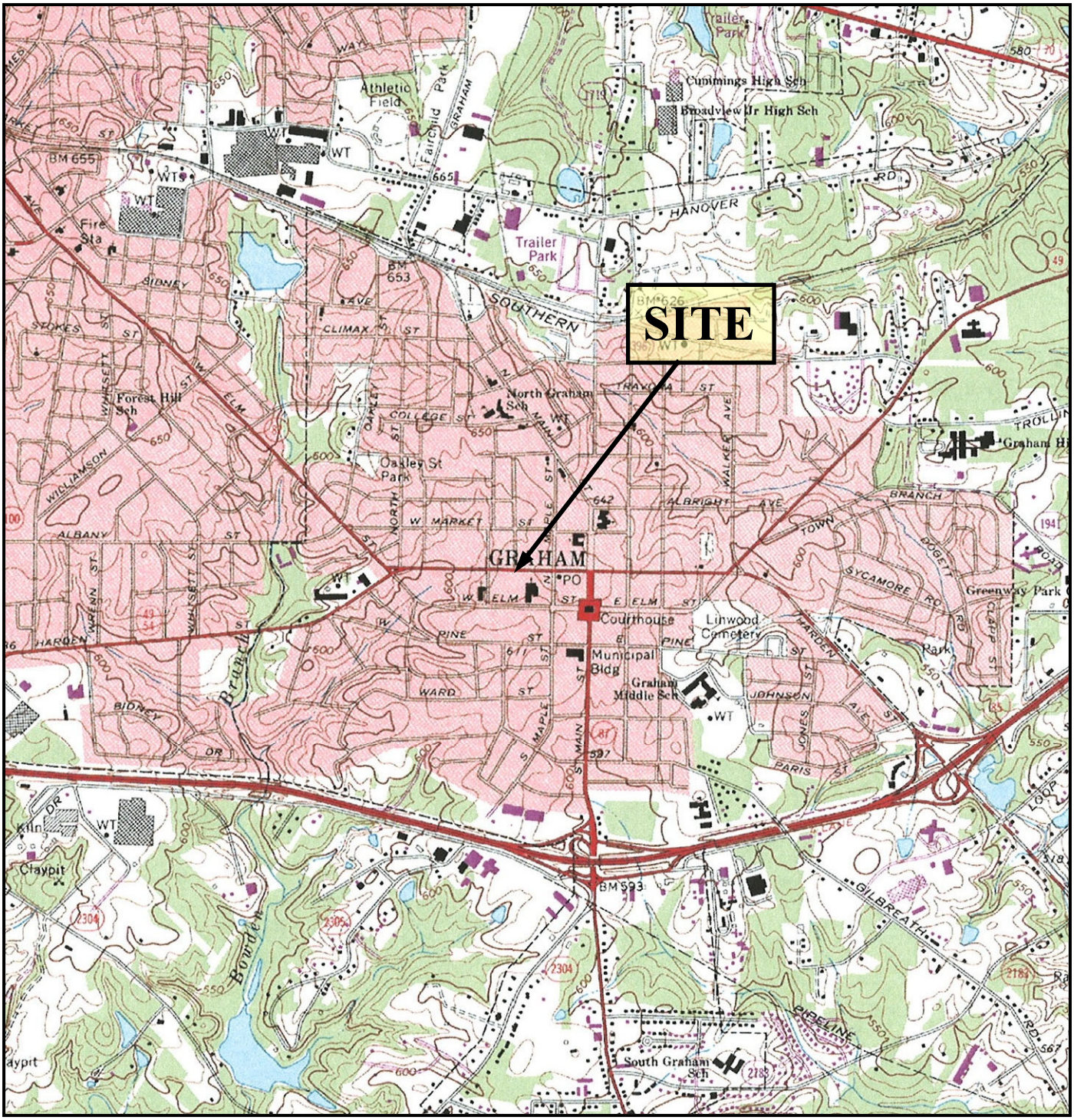
As discussed above, unless the DSCA Program is notified of a change in land-use conditions at the subject site, per the notification requirements detailed in this plan, the RMP will remain in effect until the RMP has met its objectives and is considered a success. Pursuant to N.C.G.S. 143-215.104K, if any of the LURs set out in the NDCSRs are violated, the owner of the property at the time the LURs are violated, the owner's successors and assigns, and the owner's agents who directed or contracted for alteration of the property in violation of the LURs, shall be held liable for the remediation of all contaminants to unrestricted use standards.

11.0 Conclusions and Recommendations

H&H has prepared this RMP for the former Harden Cleaners site on behalf of the DSCA Program. The results of the risk assessment completed for the site indicate that contaminant concentrations

do not pose an unacceptable risk with appropriate land-use controls applied to the impacted properties. The groundwater contaminant plume associated with the site appears to be stable. This RMP specifies that the NDCSR requirements provide notification that land-use conditions observed during the risk assessment evaluation remain valid in the future. Based on the documentation contained in this report, H&H recommends issuance of a "No Further Action" letter.

Figures



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP
7.5 MINUTE SERIES (TOPOGRAPHIC)

BURLINGTON, NORTH CAROLINA
1969, REVISED 1981

SITE LOCATION MAP

FORMER HARDEN CLEANERS
DSCA SITE ID DC10001
220 W. HARDEN ST, GRAHAM, NC

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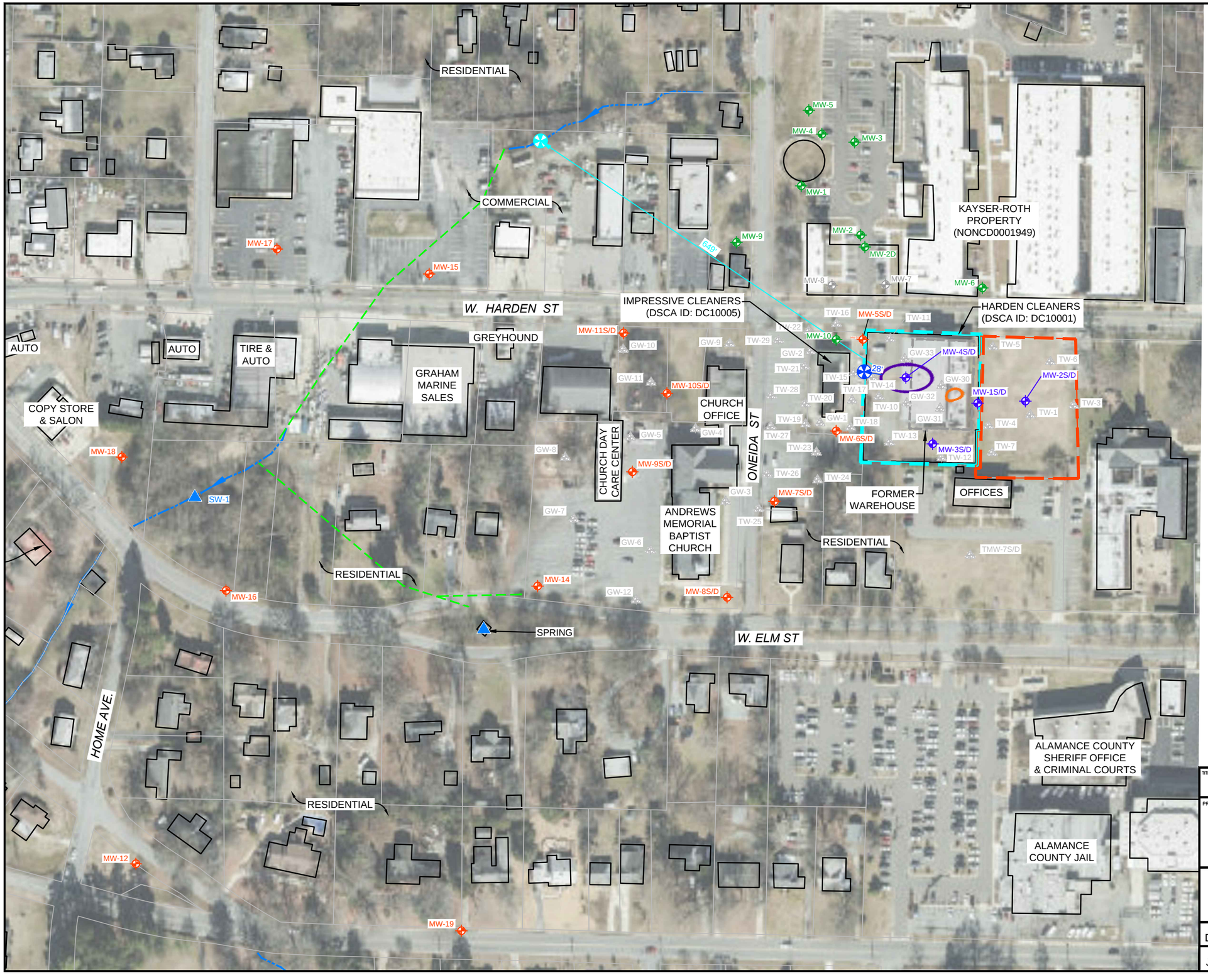
DATE:	1/10/2020	REVISION NO:	0
JOB NO:	DS0-22	FIGURE:	1



LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FORMER WAREHOUSE BUILDING
- OFF-SITE BUILDING
- SURFACE WATER
- CULVERT
- GROUNDWATER MONITORING WELL (HARDEN CLEANERS)
- GROUNDWATER MONITORING WELL (IMPRESSIVE CLEANERS)
- GROUNDWATER MONITORING WELL (KAYSER-ROTH)
- GROUNDWATER MONITORING WELL (DESTROYED)
- TEMPORARY GROUNDWATER MONITORING WELL
- SURFACE WATER SAMPLE LOCATION
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- GROUNDWATER SOURCE AREA
- SOIL SOURCE AREA
- GROUNDWATER USE POINT-OF-EXPOSURE
- SURFACE WATER POINT-OF-EXPOSURE

NOTES:

1. SITE PROFESSIONAL SURVEY UPDATED BY THE ISAACS GROUP ON 10/27/15.

N

APPROXIMATE
0 150 300
SCALE IN FEET

TITLE
SITE MAP

PROJECT
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

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DATE: 11-30-20 | REVISION NO. 0

JOB NO. DS0-22 | FIGURE NO. 2

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W. HARDEN ST.

IMPRESSIVE CLEANERS
(DSCA ID: DC10005)
SOURCE PROPERTY

HARDEN CLEANERS
(DSCA ID: DC10001)

FORMER
WAREHOUSE

AWNING

DRY CLEANING
MACHINE

BOILER
ROOM

MAINTENANCE
BUILDING

OFFICES

MW-5S/D
SB-11 (<0.013)
SB-30 (0.0038 J)
SB-31 (<0.0055)
SB-5 (<0.013)
SB-14 (<0.012)
SB-18 (0.010 J)
SB-22 (0.022)
SB-24 (0.017)
SB-27 (0.024)
MW-4S/D
(<0.013) SB-21
SB-19 (0.044)
SB-17 (0.028)
SB-9 (<0.012)
SB-10 (<0.013)
SB-23 (0.065)
SB-26 (0.081)
SB-29 (<0.012)
MW-1S/D
SB-25 (0.0034 J)
SB-28 (0.012 J)
SB-20 (0.021)
SB-16 (<0.013)
SB-15 (<0.014)
SB-4 (<0.014)
MW-6S/D
SB-13 (<0.013)
MW-3S/D
SB-7 (<0.013)
SB-12 (<0.013)
SB-6 (<0.014)
SB-2 (<0.013)
MW-2S/D
SB-1 (<0.013)
SB-3 (<0.013)
SB-8 (<0.013)

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FORMER WAREHOUSE BUILDING
- GROUNDWATER MONITORING WELL (HARDEN CLEANERS)
- GROUNDWATER MONITORING WELL (IMPRESSIVE CLEANERS)
- SOIL BORING
- (0.028) PCE CONCENTRATION (mg/kg)
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- EXTENT OF SOIL IMPACTS ABOVE PSRGs
- SOIL SOURCE AREA

NOTES:

1. PCE = TETRACHLOROETHYLENE
2. J FLAG DENOTES ESTIMATED CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT AND METHOD DETECTION LIMIT.
3. CONCENTRATIONS SHOWN IN BOLD EXCEED NCDEQ PROTECTION OF GROUNDWATER PRELIMINARY SOIL REMEDIATION GOALS (PSRG) DATED DECEMBER 2019.
4. FIGURE DEPICTS MAXIMUM PCE CONCENTRATIONS AT ANY DEPTH. SEE ADT 2 FOR ADDITIONAL HISTORICAL SOIL SAMPLE DATA.
5. FOR NON-DETECTS, FIGURE SHOWS "<LABORATORY REPORTING LIMIT". HOWEVER, NOTE THAT LABORATORY METHOD DETECTION LIMITS WERE BELOW THE LOWEST PCE PSRG FOR NON-DETECTS.

N

APPROXIMATE
0 35 70
SCALE IN FEET

TITLE
SOIL PCE ISOCONCENTRATION MAP

PROJECT
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

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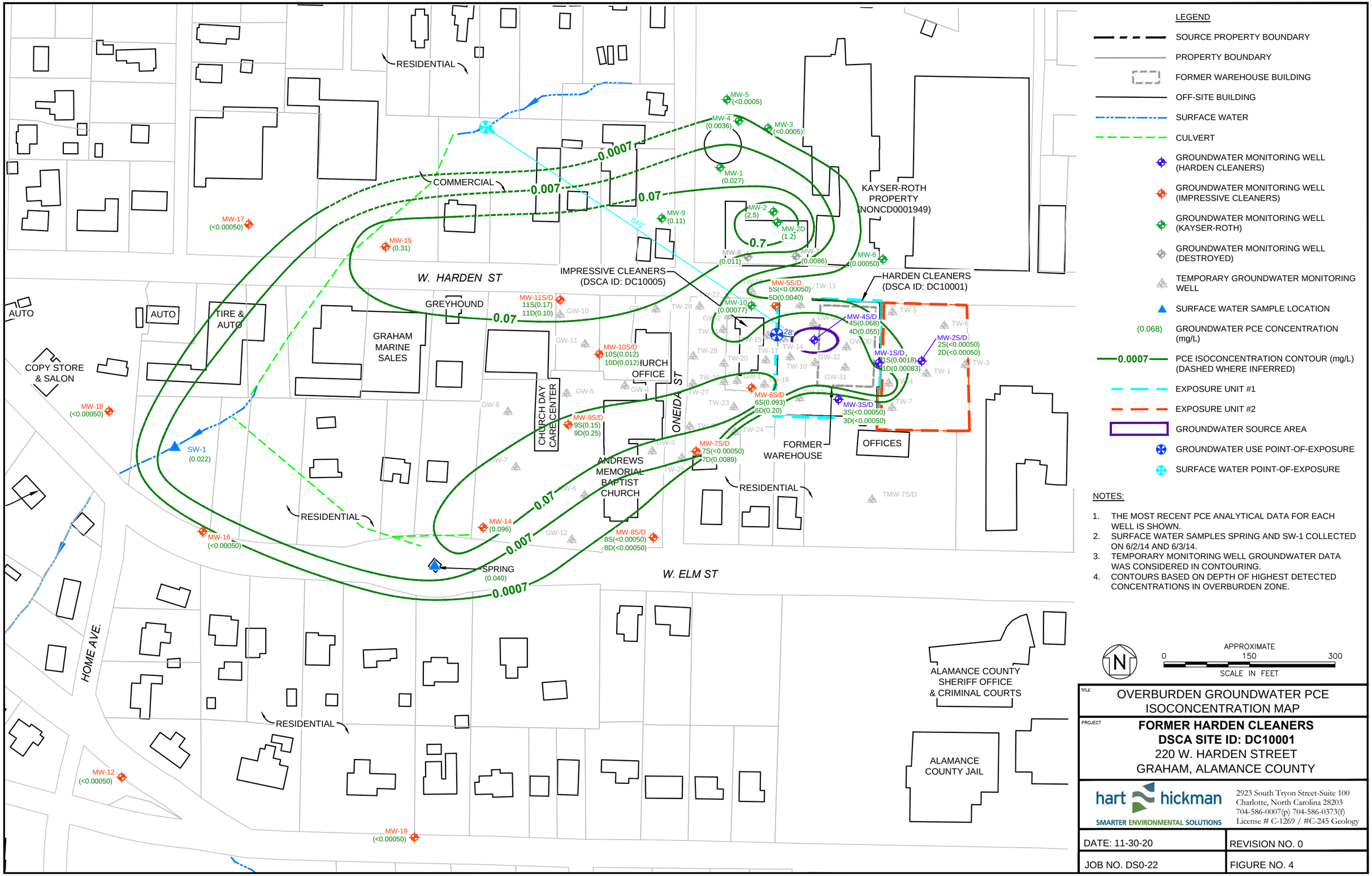
DATE: 11-30-20 | REVISION NO. 0
JOB NO. DS0-22 | FIGURE NO. 3



LEGEND

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- GROUNDWATER MONITORING WELL (IMPRESSIVE CLEANERS)
- GROUNDWATER MONITORING WELL (KAYSER-ROTH)
- GROUNDWATER MONITORING WELL (DESTROYED)
- TEMPORARY GROUNDWATER MONITORING WELL
- SURFACE WATER SAMPLE LOCATION
- (0.068) GROUNDWATER PCE CONCENTRATION (mg/L)
- 0.0007 PCE ISOCONCENTRATION CONTOUR (mg/L) (DASHED WHERE INFERRED)
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- GROUNDWATER SOURCE AREA
- GROUNDWATER USE POINT-OF-EXPOSURE
- SURFACE WATER POINT-OF-EXPOSURE

NOTES:

1. THE MOST RECENT PCE ANALYTICAL DATA FOR EACH WELL IS SHOWN.
2. SURFACE WATER SAMPLES SPRING AND SW-1 COLLECTED ON 6/2/14 AND 6/3/14.
3. TEMPORARY MONITORING WELL GROUNDWATER DATA WAS CONSIDERED IN CONTOURING.
4. CONTOURS BASED ON DEPTH OF HIGHEST DETECTED CONCENTRATIONS IN OVERBURDEN ZONE.

N

APPROXIMATE
0 150 300
SCALE IN FEET

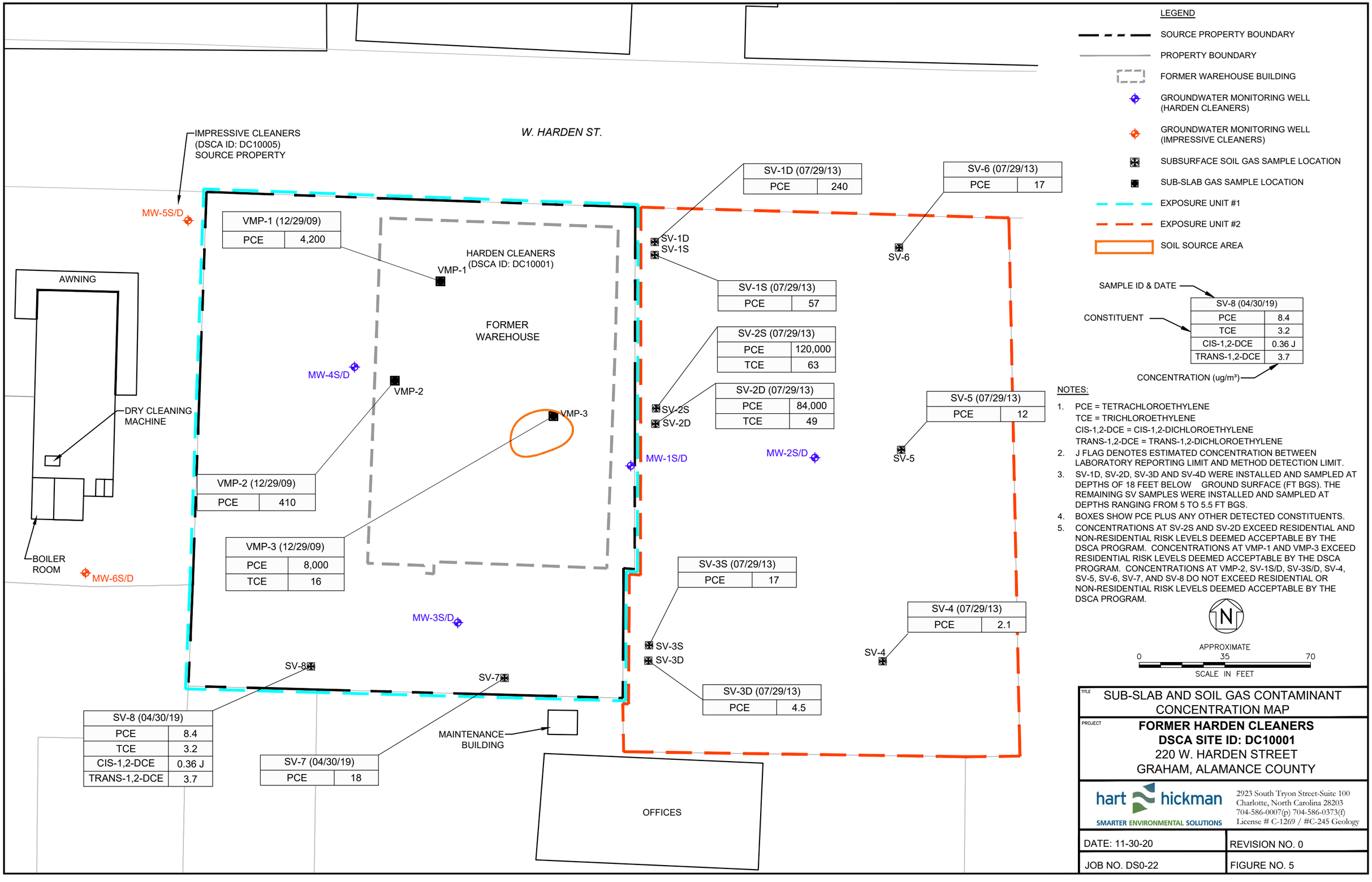
TITLE
OVERBURDEN GROUNDWATER PCE ISOCONCENTRATION MAP

PROJECT
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 11-30-20	REVISION NO. 0
JOB NO. DS0-22	FIGURE NO. 4

S:\AAA-Master Projects\DSCA - DS0\DS0-22 Harden Cleaners\Reports\2020-03 Risk Assessment\Figures\DC10001_20201130_Risk_Assessment.dwg, 1/12/2021 12:40:38 PM, DWG To PDF.pc3



TITLE
SUB-SLAB AND SOIL GAS CONTAMINANT CONCENTRATION MAP

PROJECT
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 11-30-20	REVISION NO. 0
JOB NO. DS0-22	FIGURE NO. 5

S:\AAA-Master Projects\DSCA - DS0\DS0-22 Harden Cleaners\Reports\2020-03 Risk Assessment\Figures\DC10001_20201130_Risk_Assessment.dwg, FIG 5, 1/12/2021 11:44:25 AM, sperry

RESIDENTIAL
COMMERCIAL
W. HARDEN ST
IMPRESSIVE CLEANERS
(DSCA ID: DC10005)
HARDEN CLEANERS
(DSCA ID: DC10001)
KAYSER-ROTH
PROPERTY
(NONCD0001949)
AUTO
AUTO
TIRE &
AUTO
GREYHOUND
GRAHAM
MARINE
SALES
COPY STORE
& SALON
CHURCH
OFFICE
CHURCH DAY
CARE CENTER
ONEIDA ST
ANDREWS
MEMORIAL
BAPTIST
CHURCH
FORMER
WAREHOUSE
OFFICES
RESIDENTIAL
RESIDENTIAL
RESIDENTIAL
SPRING
W. ELM ST
HOME AVE.
ALAMANCE COUNTY
SHERIFF OFFICE
& CRIMINAL COURTS
ALAMANCE
COUNTY JAIL
MW-1
MW-2
MW-2D
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-4S/D (609.46)
MW-1S/D (609.82)
MW-2S/D (609.74)
MW-3S/D (609.62)
MW-5S/D (608.30)
MW-6S/D (608.67)
MW-7S/D (608.28)
MW-8S/D (606.65)
MW-9S/D (605.27)
MW-10S/D (606.52)
MW-11S/D (603.18)
MW-12 (584.10)
MW-14 (603.55)
MW-15 (597.72)
MW-16 (587.60)
MW-17 (597.35)
MW-18 (592.17)
MW-19 (597.61)
SW-1
649'
281'
589
591
594
599
604
609

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- FORMER WAREHOUSE BUILDING
- OFF-SITE BUILDING
- SURFACE WATER
- CULVERT
- GROUNDWATER MONITORING WELL (HARDEN CLEANERS)
- GROUNDWATER MONITORING WELL (IMPRESSIVE CLEANERS)
- GROUNDWATER MONITORING WELL (KAYSER-ROTH)
- GROUNDWATER MONITORING WELL (DESTROYED)
- SURFACE WATER SAMPLE LOCATION
- (606.52) GROUNDWATER ELEVATION (FT MSL)
- 604 GROUNDWATER ELEVATION CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- GROUNDWATER SOURCE AREA
- GROUNDWATER USE POINT-OF-EXPOSURE
- SURFACE WATER POINT-OF-EXPOSURE

NOTES:

1. MONITORING WELLS GAUGED ON 10/28/19.
2. FOR NESTED MONITORING WELL PAIRS, ONLY THE SHALLOW GROUNDWATER ELEVATIONS ARE SHOWN.

N

APPROXIMATE
0 150 300
SCALE IN FEET

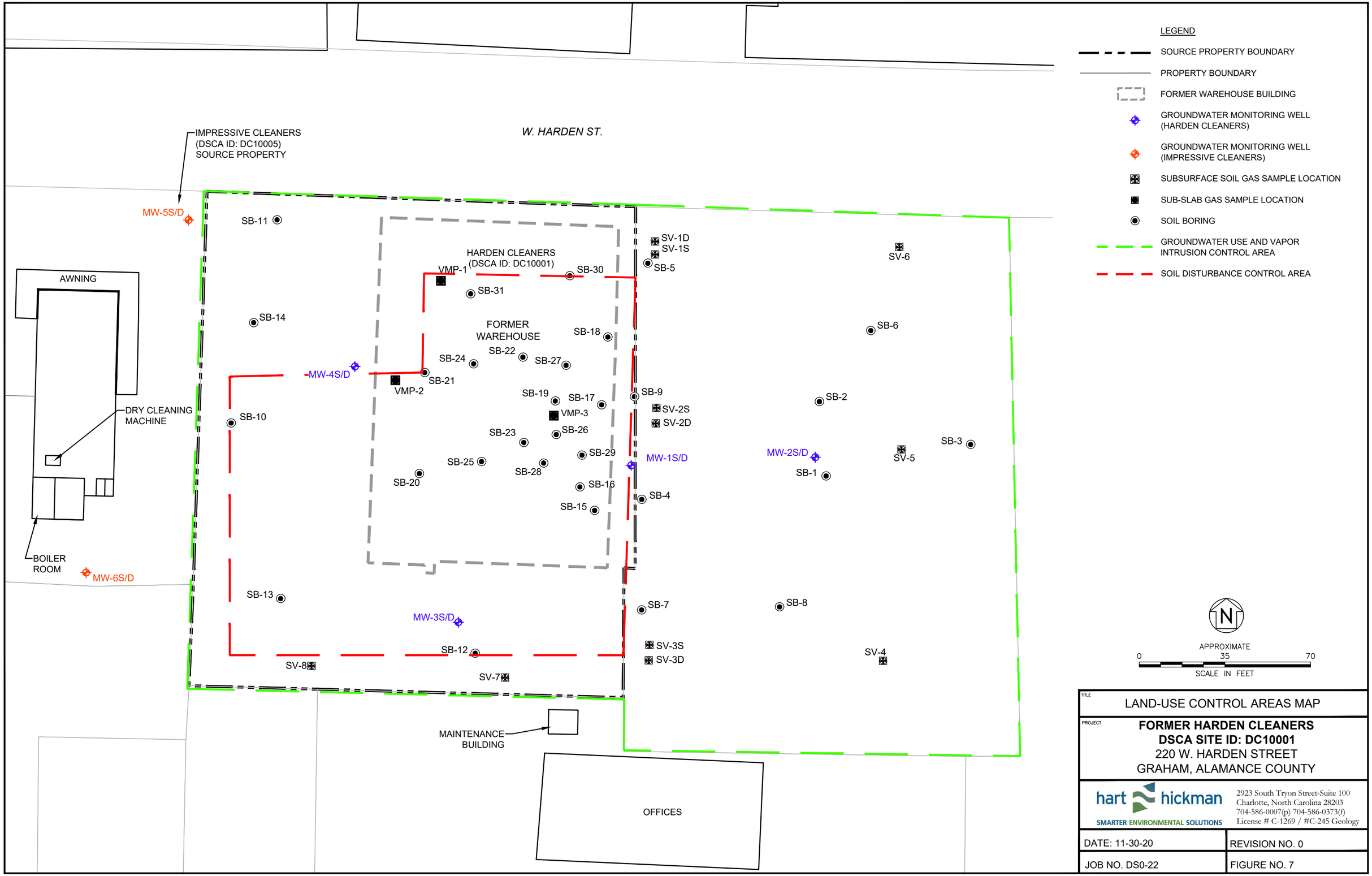
TITLE
SHALLOW GROUNDWATER GRADIENT MAP

PROJECT
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 11-30-20 | REVISION NO. 0
JOB NO. DS0-22 | FIGURE NO. 6

S:\AAA-Master Projects\DSCA - DS0\DS0-22 Harden Cleaners\Reports\2020-03 Risk Assessment\Figures\DC10001_20201130_Risk_Assessment.dwg, 1/12/2021 12:43:35 PM, DWG To PDF.pc3



TITLE: LAND-USE CONTROL AREAS MAP

PROJECT:
FORMER HARDEN CLEANERS
DSCA SITE ID: DC10001
220 W. HARDEN STREET
GRAHAM, ALAMANCE COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 11-30-20	REVISION NO. 0
JOB NO. DS0-22	FIGURE NO. 7

Appendix A
Plume Stability Demonstration

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
Harden Cleaners (DSCA ID: DC10001) Permanent Monitoring Wells																					
MW-1S	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	**0.0012**	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.010**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.016	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/15/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.023**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.020	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.031**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.027	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.023**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.025	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/31/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.015**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	0.014	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/01/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0027**	0.00025 J	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0031	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0018**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0011	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-1D	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	0.0070	<0.010	
	07/31/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	0.00055	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/01/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0011**	0.00028 J	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0010	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.00083**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.00067	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-2S	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/15/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/31/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/01/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-2D	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/15/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/31/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
MW-3S	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0040**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/15/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/01/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	0.0051	
MW-3D	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	0.015	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.011**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	0.00065 J	<0.0010	0.028	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/15/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.00054 J	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.025	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/07/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.025	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.030	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	0.0072	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/01/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	0.00033 J	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0020	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-4S	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	**0.085**	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.073**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.00085 J	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.079**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.00074 J	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/08/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0383**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.010	
	10/06/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.071**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.00089J	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.069**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	0.00063	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	01/25/17	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.058**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	05/02/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.072**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.00060	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.068**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.00045 J	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-4D	01/08/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	**0.18**	<0.0050	<0.0010	<0.0010	<0.0010	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.050	
	07/29/09	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.11**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0014	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.13**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/08/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0848**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.010	
	10/06/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.12**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.0012	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.097**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	0.00085	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	05/02/19	<0.00050	0.0027	<0.00050	<0.00050	<0.0010	**0.055**	0.00029 J	<0.00050	0.00056	<0.00050	<0.0015	<0.00050	<0.00050	0.00061	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
Impressive Cleaners (DSCA ID: DC10005) Permanent Monitoring Wells																					
MW-5S	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0017	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.031	**0.0038**	<0.0010	<0.0020	<0.0050	<0.010	
	07/08/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010	<0.0010	0.0045	<0.0010	<0.0010	<0.0010	<0.0020	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.0047	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	06/03/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	0.00055	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	05/02/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	0.00038 J	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-5D	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0050**	0.0021	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0044	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/08/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0033**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010	<0.0010	0.0031	<0.0010	<0.0010	<0.0010	<0.0020	<0.010	
	10/05/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0074**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	0.0037	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	07/30/13	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0052**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0030	<0.00050	<0.00050	0.0020	<0.0010	<0.00050	<0.0050	<0.0050	<0.0050	
	06/03/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0066**	0.00084	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0023	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	05/02/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0040**	0.00027 J	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0014	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-6S	02/17/10	<0.0010	0.0098	<0.0010	<0.0010	<0.0010	**0.18**	0.0025	0.00061 J	**0.0044**	<0.0020	<0.0030	<0.0010	<0.0010	0.0024	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/04/14	<0.00050	0.023	<0.00050	<0.00050	<0.0010	**0.29**	0.00050	0.00097	**0.0085**	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/25/17	<0.00050	0.0054	<0.00050	<0.00050	<0.0010	**0.21**	<0.00050	<0.00050	**0.0036**	<0.00050	<0.0015	<0.00050	<0.00010	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	0.0036	<0.00050	<0.00050	<0.0010	**0.093**	<0.00050	0.00022 J	**0.0031**	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	0.0029 J	
MW-6D	02/17/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.29**	<0.0010	<0.0020	0.00081 J	<0.0020	<0.0030	<0.0010	<0.0010	0.0043	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/04/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.20**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0053	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-7S	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0015**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0075	**0.0011**	<0.0010	<0.0020	<0.0050	<0.010	
	06/03/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/29/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	0.0028 J	
MW-7D	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0058**	0.00064 J	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0014	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/03/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0089**	0.00074	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.00085	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-8S	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0047	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/02/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/25/17	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-8D	02/16/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0036	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/02/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0016	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
MW-9S	02/16/10	<0.0010	0.0038	<0.0010	<0.0010	<0.0010	**0.33**	<0.0010	<0.0020	**0.0038**	<0.0020	<0.0030	<0.0010	<0.0010	0.002	<0.0010	**0.0044**	<0.0020	<0.0050	<0.010	
	06/04/14	<0.00050	0.0054	<0.00050	<0.00050	<0.0010	**0.25**	<0.00050	<0.00050	0.0029	<0.00050	<0.0015	<0.00050	<0.00050	0.0012	<0.00050	**0.0028**	<0.00050	<0.0050	<0.0050	
	01/25/17	<0.00050	0.0053	<0.00050	<0.00050	<0.0010	**0.23**	<0.00050	<0.00050	0.0027	<0.00050	<0.0015	<0.00050	<0.00050	0.0012	<0.00050	**0.0026**	<0.00050	<0.0050	<0.0050	
	10/28/19	<0.00050	0.0048	<0.00050	0.00071	<0.0010	**0.15**	<0.00050	<0.00050	0.0025	<0.00050	<0.0015	<0.00050	<0.00050	0.00092	<0.00050	**0.0018**	<0.00050	<0.0050	0.0030 J	
MW-9D	02/16/10	<0.0010	0.0049	<0.0010	<0.0010	<0.0010	**0.26**	<0.0010	<0.0020	**0.0034**	<0.0020	<0.0030	<0.0010	<0.0010	0.003	<0.0010	**0.0045**	<0.0020	<0.0050	<0.010	
	06/04/14	<0.00050	0.0040	<0.00050	<0.00050	<0.0010	**0.25**	<0.00050	<0.00050	0.0027	<0.00050	<0.0015	<0.00050	<0.00050	0.0021	<0.00050	**0.0031**	<0.00050	<0.0050	<0.0050	
MW-10S	02/17/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.044**	<0.0010	<0.0020	0.0005 J	<0.0020	<0.0030	<0.0010	<0.0010	0.0064	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/05/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.021**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	0.0024	0.0034	<0.00050	<0.00050	0.0020	<0.0050	<0.0050	
	10/28/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.012**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	0.00061	0.0017	<0.00050	<0.00050	<0.00050	<0.0050	0.0027 J	
MW-10D	02/17/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.014**	<0.0010	<0.0020	<0.0020	<0.0020	<0.0030	<0.0010	<0.0010	0.0052	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/05/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.012**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	0.0022	0.0033	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-11S	02/17/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.42**	<0.0010	<0.0020	0.0014 J	<0.0020	<0.0030	<0.0010	0.00077 J	0.0069	<0.0010	<0.0010	0.00073 J	<0.0050	<0.010	
	06/04/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.25**	<0.00050	<0.00050	0.00079	<0.00050	<0.0015	<0.00050	0.0026	0.0044	<0.00050	<0.00050	0.0023	<0.0050	<0.0050	
	01/25/17	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.17**	<0.00050	<0.00050	0.00068	<0.00050	<0.0015	<0.00050	0.0012	0.0037	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-11D	02/17/10	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.17**	<0.0010	<0.0020	0.00098 J	<0.0020	<0.0030	<0.0010	0.0005 J	0.0045	<0.0010	<0.0010	<0.0020	<0.0050	<0.010	
	06/04/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.10**	0.00072	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	0.0023	0.0039	<0.00050	<0.00050	0.0022	<0.0050	<0.0050	
MW-12	06/02/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-13	06/04/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-14	06/02/14	<0.00050	0.0011	<0.00050	<0.00050	<0.0010	**0.13**	<0.00050	<0.00050	0.00086	<0.00050	<0.0015	<0.00050	<0.00050	0.0028	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/25/17	<0.00050	0.0013	<0.00050	<0.00050	<0.0010	**0.16**	<0.00050	<0.00050	0.0010	<0.00050	<0.0015	<0.00050	<0.00050	0.0026	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/28/19	<0.00050	0.0012	<0.00050	<0.00050	<0.0010	**0.096**	<0.00050	<0.00050	0.0010	<0.00050	<0.0015	<0.00050	<0.00050	0.0020	<0.00050	0.00026 J	<0.00050	<0.0050	0.0025 J	
MW-15	06/02/14	<0.00050	0.00067	<0.00050	<0.00050	<0.0010	**0.44**	<0.00050	<0.00050	**0.0041**	<0.00050	<0.0015	<0.00050	0.0020	0.0020	<0.00050	<0.00050	0.0021	<0.0050	<0.0050	
	01/25/17	<0.00050	0.0027	<0.00050	<0.00050	<0.0010	**0.31**	<0.00050	0.00053	**0.011**	<0.00050	<0.0015	<0.00050	0.00050	0.0020	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-16	06/03/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/25/17	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	10/28/19	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	0.0019 J	
MW-17	10/13/15	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/24/17	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-18	10/13/15	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
	01/24/17	<0.00050	<0.00050	<0.00050	0.00087	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	
MW-19	10/13/15	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	0.0026	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
Kayser-Roth Permanent Monitoring Wells																					
MW-1	08/17/99	<0.005	NA	NA	<0.005	NA	**0.047**	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	**0.025**	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	**0.031**	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	NA	
	06/23/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	NA	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	<0.010	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.010	NA	<0.010	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	**0.0064**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	**0.027**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
MW-2	08/17/99	<0.05	NA	NA	<0.05	NA	**5.4**	0.064	NA	<0.05	NA	<0.1	NA	NA	<0.05	NA	NA	<0.1	NA	NA	
	09/30/99	<0.005	NA	NA	<0.005	NA	**3.6**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	**9**	<0.005	NA	**0.0055**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	**8.7**	<0.005	NA	**0.0060**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	**2.4**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	12/30/03	<0.1	NA	NA	<0.1	NA	**2.4**	<0.1	NA	<0.1	NA	<0.005	NA	NA	<0.1	NA	NA	<0.2	NA	<0.2	
	06/16/04	<0.12	NA	NA	<0.12	NA	**3**	<0.12	NA	<0.12	NA	<0.25	NA	NA	<0.12	NA	NA	<0.25	NA	<0.25	
	03/03/05	<0.05	NA	NA	<0.05	NA	**1.8**	<0.05	NA	<0.05	NA	<0.05	NA	NA	<0.05	NA	NA	<0.05	NA	NA	
	01/10/06	<0.05	NA	NA	<0.05	NA	**2.5**	<0.05	NA	<0.05	NA	<0.05	NA	NA	<0.05	NA	NA	<0.05	NA	NA	
MW-2D	08/17/99	<0.005	NA	NA	<0.005	NA	**0.014**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	**0.28**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	**0.19**	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	**0.12**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0025	NA	NA	<0.0025	NA	**0.5**	<0.0025	NA	<0.0025	NA	<0.0025	NA	NA	<0.0025	NA	NA	<0.0025	NA	NA	
	01/10/06	<0.012	NA	NA	<0.012	NA	**1.2**	<0.012	NA	<0.012	NA	<0.012	NA	NA	<0.012	NA	NA	<0.012	NA	NA	
MW-3	08/17/99	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.01**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.022**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.023**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.012**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.0095**	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	**0.01**	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	<0.0005	<0.0005	NA	**0.0062**	NA	<0.0005	NA	NA	0.0012	NA	NA	0.0009	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	<0.0005	<0.0005	NA	**0.0063**	NA	<0.0005	NA	NA	0.00094	NA	NA	<0.0005	NA	NA	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
MW-4	08/17/99	<0.005	NA	NA	<0.005	NA	**0.005**	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.010	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	0.028	
	12/30/03	<0.005	NA	NA	<0.005	NA	**0.012**	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	0.038	
	06/16/04	<0.005	NA	NA	<0.005	NA	**0.0082**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	**0.0040**	NA	NA	0.00097	NA	**0.0081**	0.00061	NA	0.0022	NA	0.0006	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
	01/10/06	**0.042**	NA	NA	<0.0005	NA	**0.0036**	<0.0005	NA	0.00056	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
MW-5	08/17/99	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	<0.0005	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	<0.0005	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
MW-6	08/17/99	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/23/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	0.00055	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	0.00050	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
MW-7	08/31/99	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.021	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	**0.0079**	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.018	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.021	NA	NA	<0.01	NA	NA	
	06/23/03	<0.005	NA	NA	<0.005	NA	**0.011**	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.058	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	**0.011**	<0.005	NA	<0.005	NA	<0.005	NA	NA	0.061	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	**0.0076**	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.044	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	**0.0094**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	0.048	NA	NA	<0.0005	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	**0.012**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	0.05	NA	NA	<0.0005	NA	NA	
	06/05/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.0086**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	NA	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
MW-8	08/31/99	<0.005	NA	NA	<0.005	NA	**0.2**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	04/24/01	<0.005	NA	NA	<0.005	NA	**0.065**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	**0.07**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/23/03	<0.005	NA	NA	<0.005	NA	**0.02**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	**0.027**	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	**0.023**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	**0.029**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	0.00066	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	**0.016**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
	06/05/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.011**	<0.00050	<0.00050	<0.00050	<0.00050	<0.0015	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	NA	
MW-9	04/23/01	<0.005	NA	NA	<0.005	NA	**0.0099**	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	10/12/01	<0.005	NA	NA	<0.005	NA	**0.016**	<0.005	NA	<0.005	NA	<0.01	NA	NA	0.0052	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	**0.0029**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	0.00099	NA	NA	<0.0005	NA	NA	
	01/10/06	<0.0005	NA	NA	<0.0005	NA	**0.0054**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	0.00067	NA	NA	<0.0005	NA	NA	
	06/05/14	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	**0.11**	<0.00050	<0.00050	**0.0012**	<0.00050	<0.0015	<0.00050	<0.00050	0.0033	<0.00050	<0.00050	<0.00050	<0.0050	NA	
MW-10	04/24/01	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	06/25/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	<0.01	
	12/30/03	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.005	NA	NA	<0.005	NA	NA	<0.005	NA	<0.01	
	06/16/04	<0.005	NA	NA	<0.005	NA	<0.005	<0.005	NA	<0.005	NA	<0.01	NA	NA	<0.005	NA	NA	<0.01	NA	NA	
	03/03/05	<0.0005	NA	NA	<0.0005	NA	**0.00077**	<0.0005	NA	<0.0005	NA	<0.0005	NA	NA	<0.0005	NA	NA	<0.0005	NA	NA	
Harden Cleaners (DSCA ID: DC10001) Temporary Monitoring Wells																					
TW-1 (25-29')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0020	<0.001	<0.001	<0.001	0.00217J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-1 (35-39')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0023	<0.001	<0.001	<0.001	0.0013J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-1 (43-47')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0025	<0.001	<0.001	<0.001	0.00216J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-3 (25-29')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0021	<0.001	<0.001	<0.001	0.00209J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-3 (35-39')	05/13/08	0.00056J	<0.001	<0.001	NA	NA	<0.001	0.0030	<0.001	<0.001	<0.001	0.00248J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-4 (25-29')	05/14/08	<0.001	<0.001	0.00055J	NA	NA	**0.00093J**	0.0026	<0.001	<0.001	<0.001	0.00262J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-4 (35-39')	05/14/08	<0.001	<0.001	<0.001	NA	NA	**0.0122**	0.0019	<0.001	<0.001	<0.001	0.0011J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-4 (44-48')	05/14/08	0.00064J	<0.001	<0.001	NA	NA	<0.001	0.0026	<0.001	<0.001	<0.001	0.0010J	NA	<0.001	NA	NA	NA	NA	NA	NA	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
TW-5 (25-29')	05/14/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0019	<0.001	<0.001	<0.001	0.0013J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-5 (35-39')	05/14/08	<0.001	<0.001	0.00049J	NA	NA	<0.001	0.0023	<0.001	<0.001	<0.001	0.00223J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-6 (25-29')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0012	<0.001	<0.001	<0.001	0.00098J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-6 (35-39')	05/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0016	<0.001	<0.001	<0.001	<3.0	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-7 (25-29)'	05/15/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0016	<0.001	<0.001	<0.001	0.0012J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-7 (35-39')	05/15/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0019	<0.001	<0.001	<0.001	0.0015J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-10 (25-29')	05/15/08	0.00050J	<0.001	<0.001	NA	NA	**0.0024**	0.0025	<0.001	<0.001	<0.001	0.0013J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-10 (35-39')	05/15/08	<0.001	<0.001	<0.001	NA	NA	**0.0363**	0.0021	<0.001	<0.001	<0.001	0.0010J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-11 (25-29')	05/15/08	0.00048J	<0.001	0.00066J	NA	NA	<0.001	0.0033	<0.001	<0.001	<0.001	0.0036	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-11 (35-39')	05/15/08	0.00053J	<0.001	0.00054J	NA	NA	<0.001	0.0030	<0.001	<0.001	<0.001	0.0030	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-12 (25-29')	05/15/08	<0.001	<0.001	0.00052J	NA	NA	<0.001	0.0021	<0.001	<0.001	<0.001	0.00279	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-12 (35-39')	05/15/08	<0.001	<0.001	0.00054J	NA	NA	<0.001	0.0027	<0.001	<0.001	<0.001	0.00278	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-13 (25-29')	05/15/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0025	<0.001	<0.001	<0.001	0.00219J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-13 (35-39')	05/15/08	<0.001	<0.001	<0.001	NA	NA	<0.001	0.0025	<0.001	<0.001	<0.001	0.00223J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-14 (25-29')	05/15/08	0.00054J	<0.001	<0.001	NA	NA	**0.0045**	0.0028	<0.001	<0.001	<0.001	0.0015J	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-14 (35-39')	05/15/08	<0.001	<0.001	<0.001	NA	NA	**0.0172**	0.0017	<0.001	<0.001	<0.001	0.0011J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-30 24-28'	11/30/09	<0.001	<0.001	<0.001	NA	NA	**0.0410**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-30 42-46'	12/01/09	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	0.00074 J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-31 24-28'	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.0116**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-31 42-46'	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.180**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-32 24-28'	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.0027**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-32 42-46	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.0081**	<0.001	<0.001	<0.001	<0.001	0.0092 J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-33 24-28'	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.0085**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-33 40-44'	12/01/09	<0.001	<0.001	<0.001	NA	NA	**0.0089**	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.001	NA	NA	NA	NA	NA	NA	
Impressive Cleaners (DSCA ID: DC10005) Temporary Monitoring Wells																					
TW-15 (25-29')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0025**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-15 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0062**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-15 (45-49')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0296**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-16 (25-29')	10/30/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-16 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-17 (25-29')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0053**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-17 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0096**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-17 (45-49')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0092**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-18 (25-29')	10/30/08	<0.001	0.00071J	<0.001	NA	NA	**0.110**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
TW-18 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0244**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-18 (45-49')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0282**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-19 (25-29')	10/30/08	<0.001	0.0465	<0.001	NA	NA	**0.0193**	<0.001	0.00083J	0.0027	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-19 (35-39')	10/30/08	<0.001	0.0235	<0.001	NA	NA	**0.0980**	<0.001	<0.001	0.0025	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-19 (45-49')	10/30/08	<0.001	0.0058	<0.001	NA	NA	**0.0117**	0.00050J	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-20 (25-29')	10/30/08	<0.001	0.00080J	<0.001	NA	NA	**0.0176**	<0.001	<0.001	0.00067J	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-20 (35-39')	10/30/08	<0.001	0.00079J	<0.001	NA	NA	**0.0141**	<0.001	<0.001	0.00082J	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-20 (45-49')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0077**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-21 (25-29')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0020**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-21 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-21 (45-49')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0059**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-22 (25-29')	10/30/08	<0.001	<0.001	<0.001	NA	NA	**0.0073**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-22 (35-39')	10/30/08	<0.001	<0.001	<0.001	NA	NA	0.00063J	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-23 (25-29')	10/31/08	<0.001	0.00057J	<0.001	NA	NA	**0.100**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-23 (35-39')	10/31/08	<0.001	<0.001	<0.001	NA	NA	**0.0207**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-23 (43-47')	10/31/08	<0.001	<0.001	<0.001	NA	NA	**0.0128**	0.00053J	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-24 (25-29')	10/31/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-24 (35-39')	10/31/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-25 (25-29')	10/31/08	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-26 (25-29')	10/31/08	<0.010	0.053	<0.010	NA	NA	**0.41**	<0.010	<0.010	**0.0078J**	<0.010	<0.030	NA	<0.010	NA	NA	NA	NA	NA	NA	
TW-26 (34-38')	10/31/08	<0.050	**0.071**	<0.050	NA	NA	**1.8**	<0.050	<0.050	<0.050	<0.050	<0.15	NA	<0.050	NA	NA	NA	NA	NA	NA	
TW-27 (25-29')	10/31/08	<0.001	0.0023	<0.001	NA	NA	**0.0303**	<0.001	<0.001	0.00085J	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-28 (25-29')	10/31/08	<0.001	<0.001	<0.001	NA	NA	**0.0099**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
TW-29 (25-29')	10/31/08	<0.001	<0.001	<0.001	NA	NA	**0.0084**	0.00050J	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-1 24-28'	12/03/09	<0.001	0.0529	<0.001	NA	NA	**0.045**	<0.001	0.002	**0.0031**	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-1 40-44'	12/03/09	<0.005	<0.005	<0.005	NA	NA	**0.098**	<0.005	<0.005	<0.005	<0.005	<0.015	NA	<0.005	NA	NA	NA	NA	NA	NA	
GW-2 24-28'	12/03/09	<0.001	<0.001	<0.001	NA	NA	**0.0012**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-2 42-46'	12/03/09	<0.001	<0.001	<0.001	NA	NA	<0.0007	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-3 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0059**	<0.001	<0.001	<0.001	<0.001	0.0011 J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-4 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0122**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-4 34-38'	12/04/09	<0.001	0.001	<0.001	NA	NA	**0.0306**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-5 22-26'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0241**	<0.001	<0.001	<0.001	<0.001	0.00074 J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-6 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.007**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-6 36-40'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0016**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	

Table 8: Analytical Data for Groundwater **ADT 8**

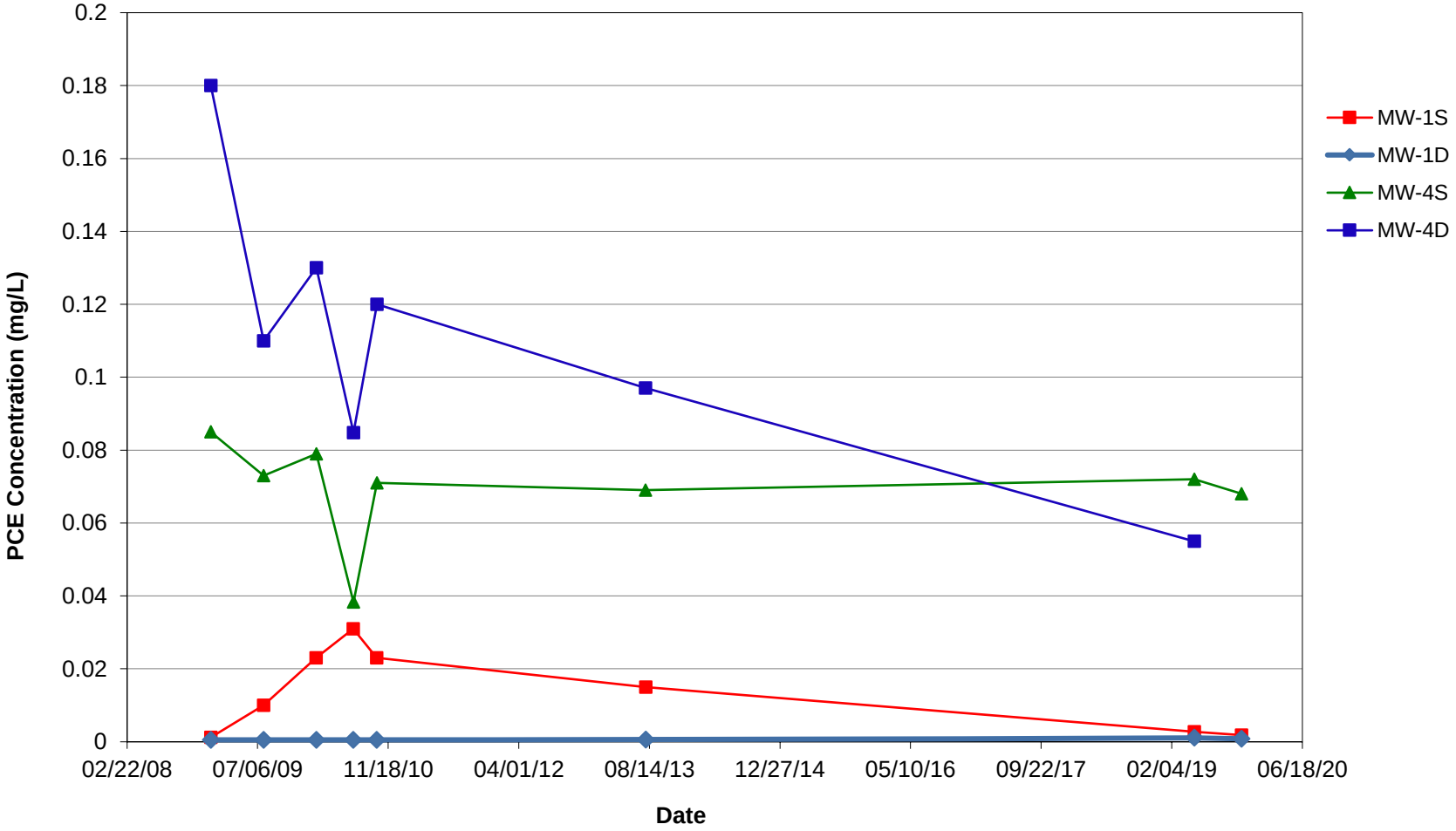
DSCA ID No.: DC10001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether(MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,1,1-Trichloroethane	1,1-Dichloroethylene	Chloroform	Bromodichloromethane	1,2-Dichloropropane	Trichlorofluoromethane	Carbon Disulfide	Acetone	
		[mg/L]																			
GW-7 23-27'	12/04/09	<0.001	0.0022	<0.001	NA	NA	**0.0622**	<0.001	<0.001	0.0012	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-8 23-27'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0565**	<0.001	<0.001	<0.001	<0.001	0.00074 J	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-9 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0570**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-10 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.13**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-11 18-22'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0099**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
GW-12 24-28'	12/04/09	<0.001	<0.001	<0.001	NA	NA	**0.0016**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	<0.001	NA	NA	NA	NA	NA	NA	
NC 2L Standard		0.001	0.07	0.6	0.02	0.006	0.0007	0.6	0.1	0.003	0.00003	0.5	0.2	0.35	0.07	0.0006	0.0006	2	0.7	6	

Notes:

1. **Bold** concentration exceeds Title 15A NCAC 2L .0202 Groundwater Standard (NC 2L Standard) dated April 2013.
2. NA denotes not analyzed.
3. J flag denotes estimated concentration between laboratory reporting limit and method detection limit.

PCE Concentration vs. Time Graph
MW-1S, MW-1D, MW-4S, and MW-4D
Harden Cleaners, Graham, NC
DSCA ID: DC10001

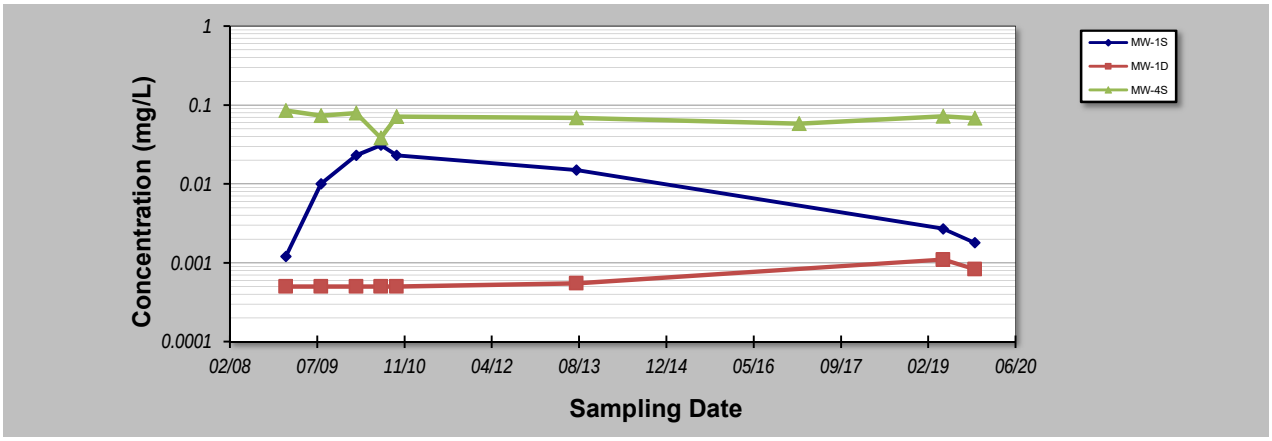


Note: Non-detect values are plotted as half the laboratory reporting limit.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	27-Dec-19	Job ID:	DC10001
Facility Name:	Harden Cleaners	Constituent:	PCE
Conducted By:	Hart & Hickman, PC	Concentration Units:	mg/L

Sampling Point ID:	MW-1S	MW-1D	MW-4S	MW-4D			
Sampling Event	Sampling Date	PCE CONCENTRATION (mg/L)						
1	8-Jan-09	0.0012	0.0005	0.085	0.18			
2	29-Jul-09	0.010	0.0005	0.073	0.11			
3	15-Feb-10	0.023	0.0005	0.079	0.13			
4	7-Jul-10	0.031	0.0005	0.0383	0.0848			
5	5-Oct-10	0.023	0.0005	0.071	0.12			
6	31-Jul-13	0.015	0.00055	0.069	0.097			
7	25-Jan-17			0.058				
8	1-May-19	0.0027	0.0011	0.072	0.055			
9	29-Oct-19	0.0018	0.00083	0.068				
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.85	0.36	0.20	0.35			
Mann-Kendall Statistic (S):		-3	16	-16	-13			
Confidence Factor:		59.4%	96.9%	94.0%	96.5%			
Concentration Trend:		Stable	Increasing	Prob. Decreasing	Decreasing			



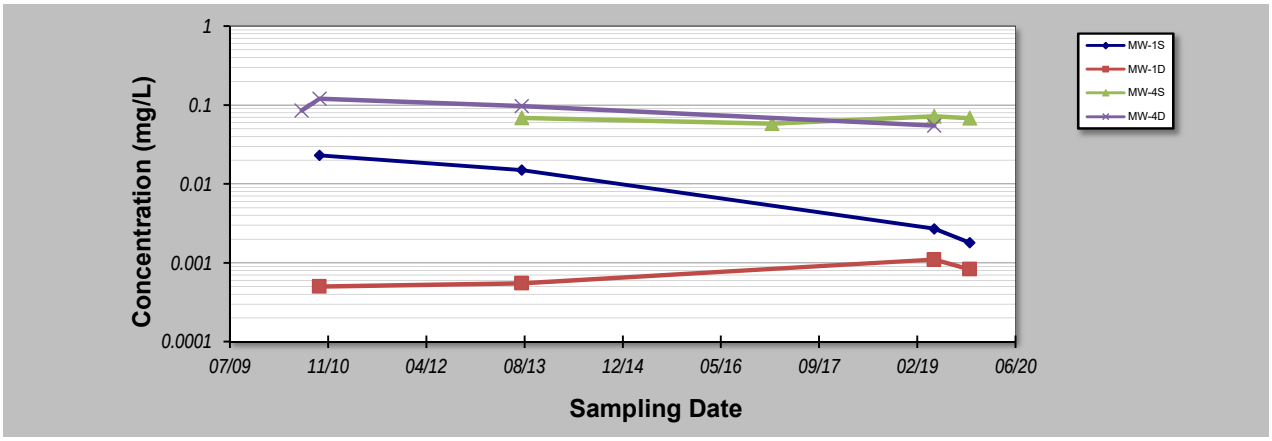
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	10-Jan-20	Job ID:	DC10001
Facility Name:	Harden Cleaners	Constituent:	PCE (most recent 4 sampling events)
Conducted By:	Hart & Hickman, PC	Concentration Units:	mg/L

Sampling Point ID:	MW-1S	MW-1D	MW-4S	MW-4D			
Sampling Event	Sampling Date	PCE (MOST RECENT 4 SAMPLING EVENTS) CONCENTRATION (mg/L)						
1	7-Jul-10				0.0848			
2	5-Oct-10	0.023	0.0005		0.12			
3	31-Jul-13	0.015	0.00055	0.069	0.097			
4	25-Jan-17			0.058				
5	1-May-19	0.0027	0.0011	0.072	0.055			
6	29-Oct-19	0.0018	0.00083	0.068				
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.96	0.37	0.09	0.30			
Mann-Kendall Statistic (S):		-6	4	0	-2			
Confidence Factor:		95.8%	83.3%	37.5%	62.5%			
Concentration Trend:		Decreasing	No Trend	Stable	Stable			



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

Appendix B

Level 1 Ecological Risk Assessment Checklists

Ecological Risk Assessment – Level 1
Checklist A – Potential Receptors and Habitat

Site / Location: Harden Cleaners, 220 W. Harden Street, Graham, Alamance County, NC
H&H Project No.: DS0-22
DSCA Site ID: DC10001

1. Are there navigable water bodies or tributaries to a navigable water body on or within a one-half mile radius of the site?

   Yes, Bowden Branch is located approximately 570 feet northwest of the source property at its closest point. An unnamed tributary of Haw River is located approximately 2,550 feet south-southeast of the source property. An additional unnamed tributary of Haw River is located approximately 2,600 feet northeast of the source property. Bowden Branch discharges into Little Alamance Creek, which discharges into Big Alamance Creek, which discharges into Haw River. Haw River ultimately discharges into Cape Fear River.

2. Are there any water bodies anywhere on or within one-half mile of the site?

   Yes, Bowden Branch is located approximately 570 feet northwest of the source property at its closest point. An unnamed tributary of Haw River is located approximately 2,550 feet south-southeast of the source property. An additional unnamed tributary of Haw River is located approximately 2,600 feet northeast of the source property.

3. Are there any wetland[1] areas such as marshes or swamps on or within one-half mile of the site?

   Yes, there is a groundwater springhead located approximately 800 feet southwest of the source property that was identified during a site visit. However, this potential wetland area is not identified on the US Fish & Wildlife Service (USFWS) National Wetlands Inventory.

4. Are there any sensitive environmental areas[2] on or within one-half mile of the site?

   Yes, surface water bodies are located 570 feet northwest, 2,550 feet south-southeast, and 2,600 feet northeast of the source property, and a potential wetland is located 800 feet southwest of the source property.

5. Are there any areas on or within one-half mile of the site owned or used by local tribes?

   No, the Native American Consultation Database and the US Department of the Interior's on-line National Atlas do not identify any areas within a one-half mile radius of the source property owned or used by local tribes.

[1] Wetlands are defined in 40 CFR 232.2 as "areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions." The sources to make the determination whether or not wetland areas are present may include, but not limited to, national wetland inventory available at http://nwi.fws.gov , federal or state agency, and USGS topographic maps.

[2] Areas that provide unique and often protected habitat for wildlife species. These areas are typically used during critical life stages such as breeding, hatching, rearing or young and overwintering. Refer to Attachment 1 for examples of sensitive environments.

6. Are there any habitat, foraging area, or refuge by rare, threatened, endangered, candidate and/or proposed species (plants and animals), or any otherwise protected species on or within one-half mile of the site?

   Possible, the USFWS lists one endangered and one At Risk Species in Alamance County. The North Carolina Natural Heritage Program (NHP) does not list managed or natural areas under North Carolina protection on or within one-half mile of the source property. The USFWS Critical Habitat Mapper did not identify critical habitats on or within one-half mile of the source property. The species identified by the USFWS are freshwater vertebrates and invertebrates that can be found in and around surface water bodies or wetlands, such as those present within one-half mile of the source property.

7. Are there any breeding, roosting, or feeding areas used by migratory species on or within one-half mile of the site?

   Likely, the USFWS Information for Planning and Consultation (IPaC) lists eight migratory bird species that may be present in Alamance County and within the vicinity of the source property. Water bodies and wetlands, such as those present in the vicinity of the source property, are typical breeding, roosting, and feeding areas for migratory bird species.

8. Are there any ecologically[3], recreationally, or commercially important species on or within one-half mile of the site?

   Unlikely, recreational fishing is present in Alamance County, but is unlikely to occur within one-half mile of the source property. In addition, the recreational and commercial trapping of nuisance species is possible in Alamance County and several species, such as the beaver (*Castor canadensis*), are commonly found in North Carolina waterways; however, no information is available on the presence of such species in the vicinity of the source property.

9. Are there any threatened and/or endangered species (plant or animal) on or within one-half mile of the site?

   Possible, the USFWS indicates the presence of the Cape Fear shiner (*Notropis mekistocholas*) as an endangered species within Alamance County.

If the answer is "Yes" to any of the above questions, then complete Level 1 Ecological Risk Assessment, Checklist B for Potential Exposure Pathways.

[3] Ecologically important species include populations of species which provide a critical food resource for higher organisms. Ecologically important species include pest and opportunistic species that populate an area if they serve as a food source for other species, but do not include domesticated animals or plants/animals whose existence is maintained by continuous human interventions.

Level 1 Ecological Risk Assessment
Checklist B for Potential Exposure Pathways
DSCA Site ID DC10001

1A. Can chemicals associated with the site leach, dissolve, or otherwise migrate to groundwater?

Yes. Tetrachloroethylene (PCE) and breakdown products trichloroethylene (TCE), and cis-1,2-dichloroethylene (cis-1,2-DCE) have been detected in groundwater at the site. The PCE plume has been defined and extends approximately 950 feet southwest and 1,000 feet west of the groundwater source area on the source property. It is believed that historical practices at adjacent facilities to the west (Impressive Cleaners) and to the north (Kayser-Roth) have attributed to the PCE contamination in groundwater within the vicinity of the former Harden Cleaners.

1B. Are chemicals associated with the site mobile in groundwater?

Yes. Chemical mobility is primarily influenced by the chemical solubility and soil-water partition coefficient. Based on these values, PCE is classified as moderately mobile (Fetter, 1988).

1C. Does groundwater from the site discharge to ecological receptor habitat?

Yes. Based on groundwater elevation measurements and areas of contaminant transport, groundwater at the site flows primarily to the west. The primary ecological receptor habitats are a groundwater springhead located approximately 800 feet southwest of the source property, and Bowden Branch located approximately 570 feet northwest of the source property at it closest point.

Question 1. Could chemicals associated with the site reach ecological receptors through groundwater?

Yes. Groundwater at the site flows primarily to the west toward Bowden Branch located approximately 950 feet west of the source property. The chlorinated solvent plume has been delineated and extends in close proximity to Bowden Branch. Additionally, PCE has been detected in surface water samples collected from Bowden Branch and a groundwater springhead located approximately 800 feet southwest of the source property. However, the identified PCE concentrations in surface water are attributed to releases from the Impressive Cleaners and/or Kayser-Roth sites.

2A. Are chemicals present in surface soils on the site?

Yes. PCE has been detected in surface soils.

2B. Can chemicals be leached from or be transported by erosion of surface soils on the site?

Unlikely. The surface soils are vegetated and the relatively flat topography makes erosion in the area of soil contamination unlikely.

Question 2. Could chemicals associated with the site reach ecological receptors through runoff or erosion?

Unlikely. PCE has been detected in surface soils; however, the impacted soil is covered by grasses and is located greater than 500 ft from the nearest ecological receptors.

3A. Are chemicals present in surface soil or on the surface of the ground?

Yes. PCE has been detected in surface soils.

3B. Are potential ecological receptors on the site?

No. Ecological receptors are not located on the site

Question 3. Could chemicals associated with the site reach ecological receptors through direct contact?

No. There are no ecological receptors on the site or within the delineated extent of impacted soil or groundwater.

4A. Are chemicals on the site volatile?

Yes. PCE is a volatile compound.

4B. Could chemicals on the site be transported in air as dust or particulate matter?

Possible. Impacted soils are no longer covered by a building slab, but the impacted soils are covered by grasses.

.

Question 4. Could chemicals associated with the site reach ecological receptors through inhalation of volatilized chemicals or adhere chemicals to dust in ambient air or in subsurface burrows?

No. Impacted soils are covered by a concrete building slab.

5A. Is Non-Aqueous Phase Liquids (NAPL) present at the site?

No. NAPL has not been encountered at the site.

5B. Is NAPL migrating?

No. NAPL has not been encountered at the site.

5C. Could NAPL discharge occur where ecological receptors are found?

No. NAPL has not been encountered at the site.

Question 5. Could chemicals associated with the site reach ecological receptors through migration of NAPL?

No. NAPL has not been encountered at the site.

6A. Are chemicals present in surface and shallow subsurface soils or on the surface of the ground?

Yes. Impacted soils have been confirmed at depths between one and three feet below ground surface (bgs).

6B. Are chemicals found in soil on the site taken up by plants growing on the site?

Possible. Impacted soils are currently covered by grasses.

6C. Do potential ecological receptors on or near the site feed on plants (e.g., grasses, shrubs, forbs, trees, etc.) found on the site?

Possible. It is possible that wildlife feed on the site's vegetation, which consists of low-lying grasses that appear to be regularly maintained. The site is located in a developed area.

6D. Do chemicals found on the site bioaccumulate?

No. Based on published references (U.S. Agency for Toxic Substances and Disease Registry, 1997), PCE does not significantly bioaccumulate.

Question 6. Could chemicals associated with the site reach ecological receptors through direct ingestion of soil, plants, animals, or contaminants?

Possible. Surficial soil impacts are covered by grasses and do not appear to be topographically prone to erosion. It is possible that direct ingestion of plants or animals could occur; however, on-site vegetation consists of low-lying grasses that appear to be regularly maintained. The site is also located in a developed area.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands

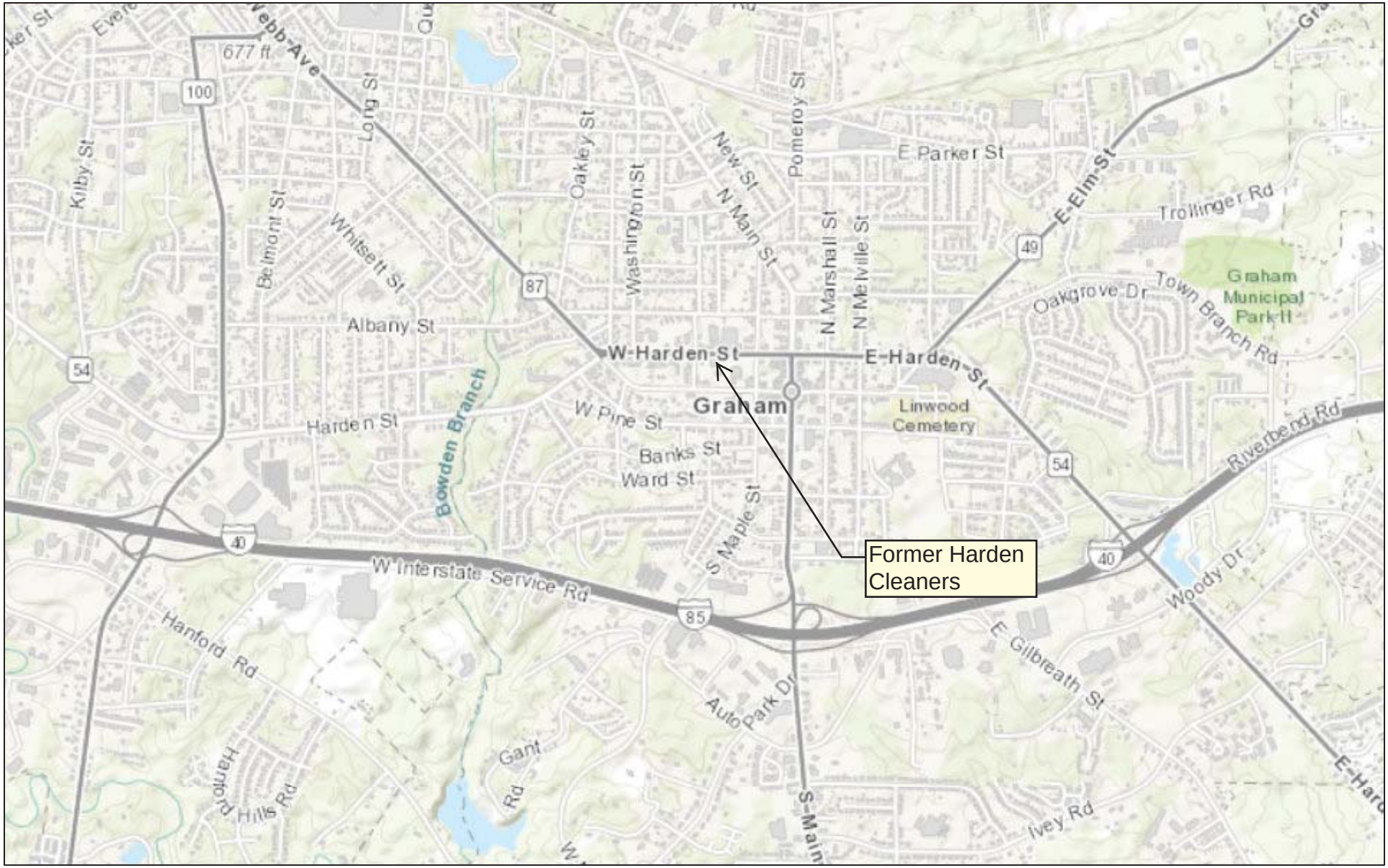
May 1, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Harden Cleaners



May 1, 2020

1:29,190

0 0.25 0.5 1 mi

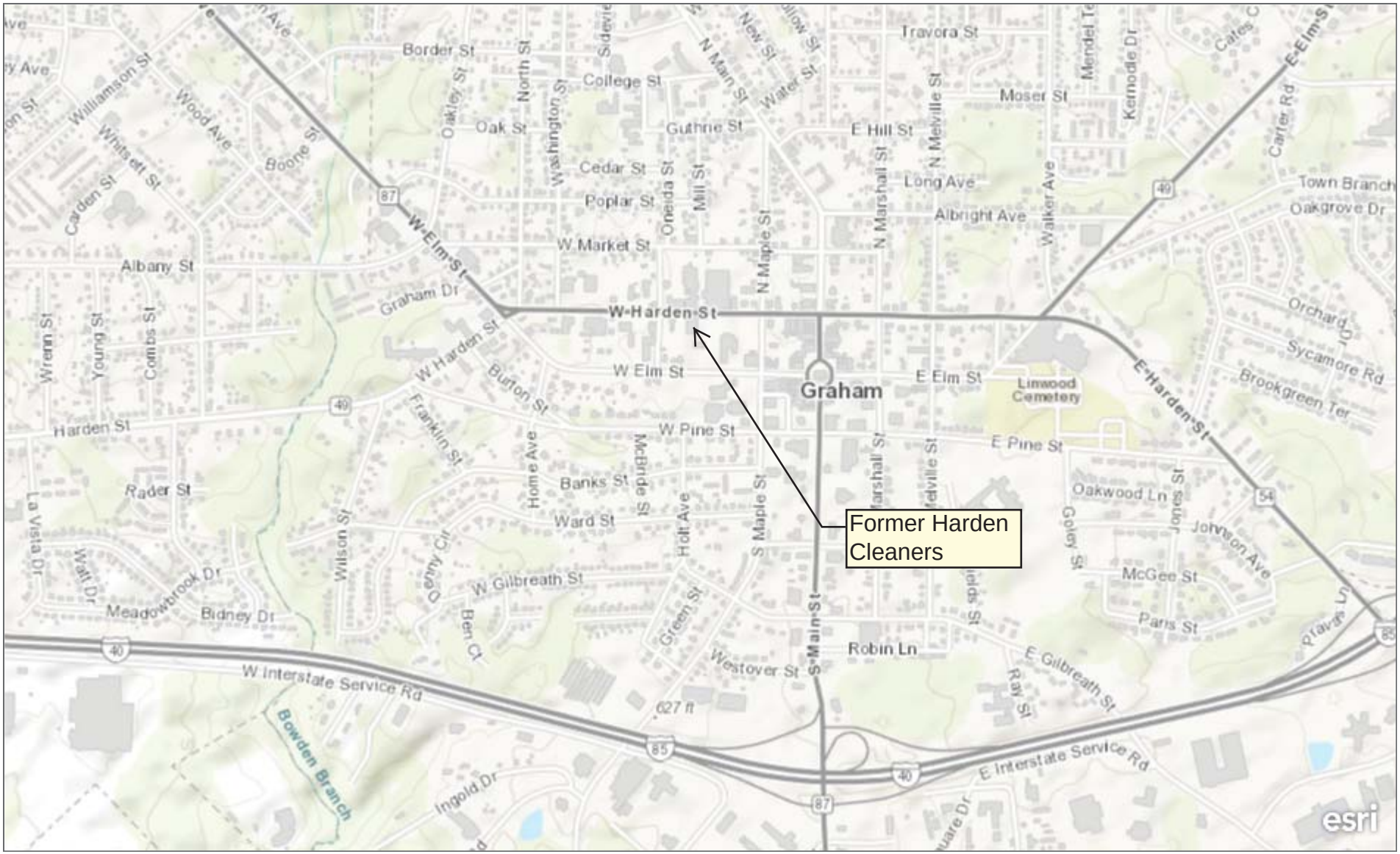
0 0.4 0.8 1.6 km

Managed Areas

- Dedicated Nature Preserve
- Registered Heritage Area
- Conservation Easement
- Other Protection
- Federal Ownership
- State Ownership
- Local Government Ownership
- Private

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

Critical Habitat for Threatened & Endangered Species [USFWS]



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Endangered Species, Threatened Species, and Candidate Species,

Alamance County, North Carolina

Updated: 10-04-2018

Common Name	Scientific name	Federal Status	Record Status
Vertebrate:			
Cape Fear shiner Range by Basin	*Notropis mekistocholas*	E	Current
Invertebrate:			
Atlantic pigtoe Range by Basin	*Fusconaia masoni*	ARS	Current
Vascular Plant:			
Nonvascular Plant:			
Lichen:			

Definitions of Federal Status Codes:
E = endangered. A taxon "in danger of extinction throughout all or a significant portion of its range."
T = threatened. A taxon "likely to become endangered within the foreseeable future throughout all or a significant portion of its range."
C = candidate. A taxon under consideration for official listing for which there is sufficient information to support listing. (Formerly "C1" candidate species.)
BGPA =Bald and Golden Eagle Protection Act. See below.
ARS = At Risk Species. Species that are Petitioned, Candidates or Proposed for Listing under the Endangered Species Act. Consultation under Section 7(a)(2) of the ESA is not required for Candidate or Proposed species; although a Conference, as described under Section 7(a)(4) of the ESA is recommended for actions affecting species proposed for listing.
T(S/A) = threatened due to similarity of appearance. A taxon that is threatened due to similarity of appearance with another listed species and is listed

for its protection. Taxa listed as T(S/A) are not biologically endangered or threatened and are not subject to Section 7 consultation. See below.
EXP = experimental population. A taxon listed as experimental (either essential or nonessential). Experimental, nonessential populations of endangered species (e.g., red wolf) are treated as threatened species on public land, for consultation purposes, and as species proposed for listing on private land.
P = proposed. Taxa proposed for official listing as endangered or threatened will be noted as "PE" or "PT", respectively.

Bald and Golden Eagle Protection Act (BGPA):

In the July 9, 2007 Federal Register(72:37346-37372), the bald eagle was declared recovered, and removed (de-listed) from the Federal List of Threatened and Endangered wildlife. This delisting took effect August 8,2007. After delisting, the Bald and Golden Eagle Protection Act (Eagle Act) (16 U.S.C. 668-668d) becomes the primary law protecting bald eagles. The Eagle Act prohibits take of bald and golden eagles and provides a statutory definition of "take" that includes "disturb". The USFWS has developed National Bald Eagle Management Guidelines to provide guidance to land managers, landowners, and others as to how to avoid disturbing bald eagles. For mor information, visit
http://www.fws.gov/migratorybirds/baldeagle.htm

Threatened due to similarity of appearance(T(S/A)):

In the November 4, 1997 Federal Register (55822-55825), the northern population of the bog turtle (from New York south to Maryland) was listed as T (threatened), and the southern population (from Virginia south to Georgia) was listed as T(S/A) (threatened due to similarity of appearance). The T(S/A) designation bans the collection and interstate and international commercial trade of bog turtles from the southern population. The T(S/A) designation has no effect on land management activities by private landowners in North Carolina, part of the southern population of the species. In addition to its official status as T(S/A), the U.S. Fish and Wildlife Service considers the southern population of the bog turtle as a Federal species of concern due to habitat loss.

Definitions of Record Status:
Current - the species has been observed in the county within the last 50 years.
Historic - the species was last observed in the county more than 50 years ago.
Obscure - the date and/or location of observation is uncertain.
Incidental/migrant - the species was observed outside of its normal range or habitat.
Probable/potential - the species is considered likely to occur in this county based on the proximity of known records (in adjacent counties), the presence of potentially suitable habitat, or both.

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Alamance County, North Carolina

Local office

Raleigh Ecological Services Field Office

(919) 856-4520
(919) 856-4556

MAILING ADDRESS
Post Office Box 33726
Raleigh, NC 27636-3726

PHYSICAL ADDRESS
551 Pylon Drive, Suite F
Raleigh, NC 27606-1487

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Fishes

NAME	STATUS
Cape Fear Shiner Notropis mekistocholas There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/6063	Endangered

Clams

NAME	STATUS
Atlantic Pigtoe Fusconaia masoni There is **proposed** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/5164	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON

YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Bald Eagle *Haliaeetus leucocephalus*
Breeds Sep 1 to Jul 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1626

Blue-winged Warbler *Vermivora pinus*
Breeds May 1 to Jun 30

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Kentucky Warbler *Oporornis formosus*
Breeds Apr 20 to Aug 20

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Prairie Warbler *Dendroica discolor*
Breeds May 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Prothonotary Warbler *Protonotaria citrea*
Breeds Apr 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Red-headed Woodpecker Melanerpes erythrocephalus — Breeds May 10 to Sep 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Rusty Blackbird Euphagus carolinus — Breeds elsewhere
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Wood Thrush Hylocichla mustelina — Breeds May 10 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is

the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

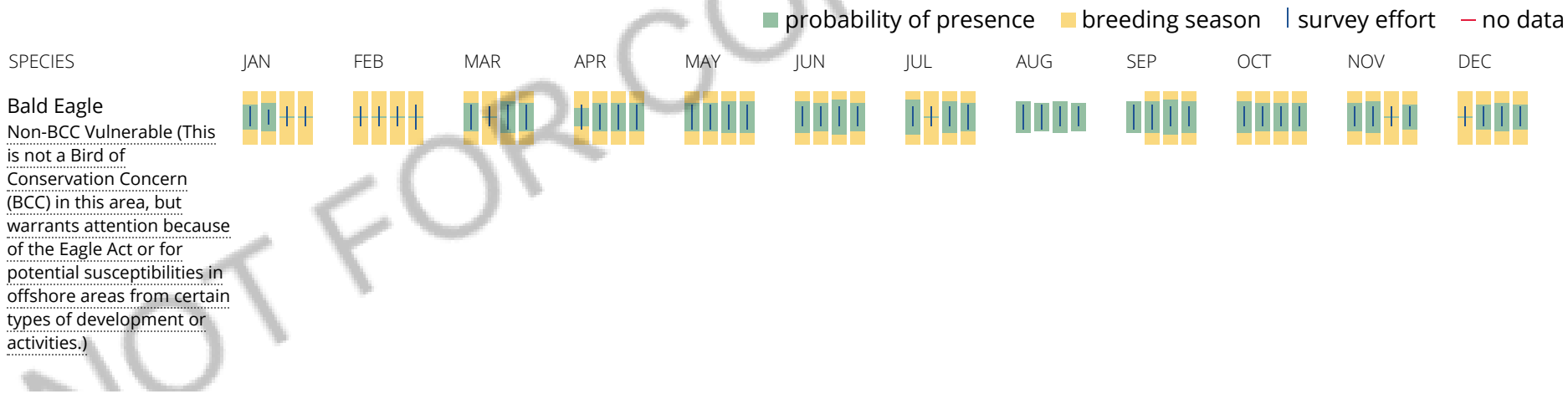
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Blue-winged Warbler
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Kentucky Warbler
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

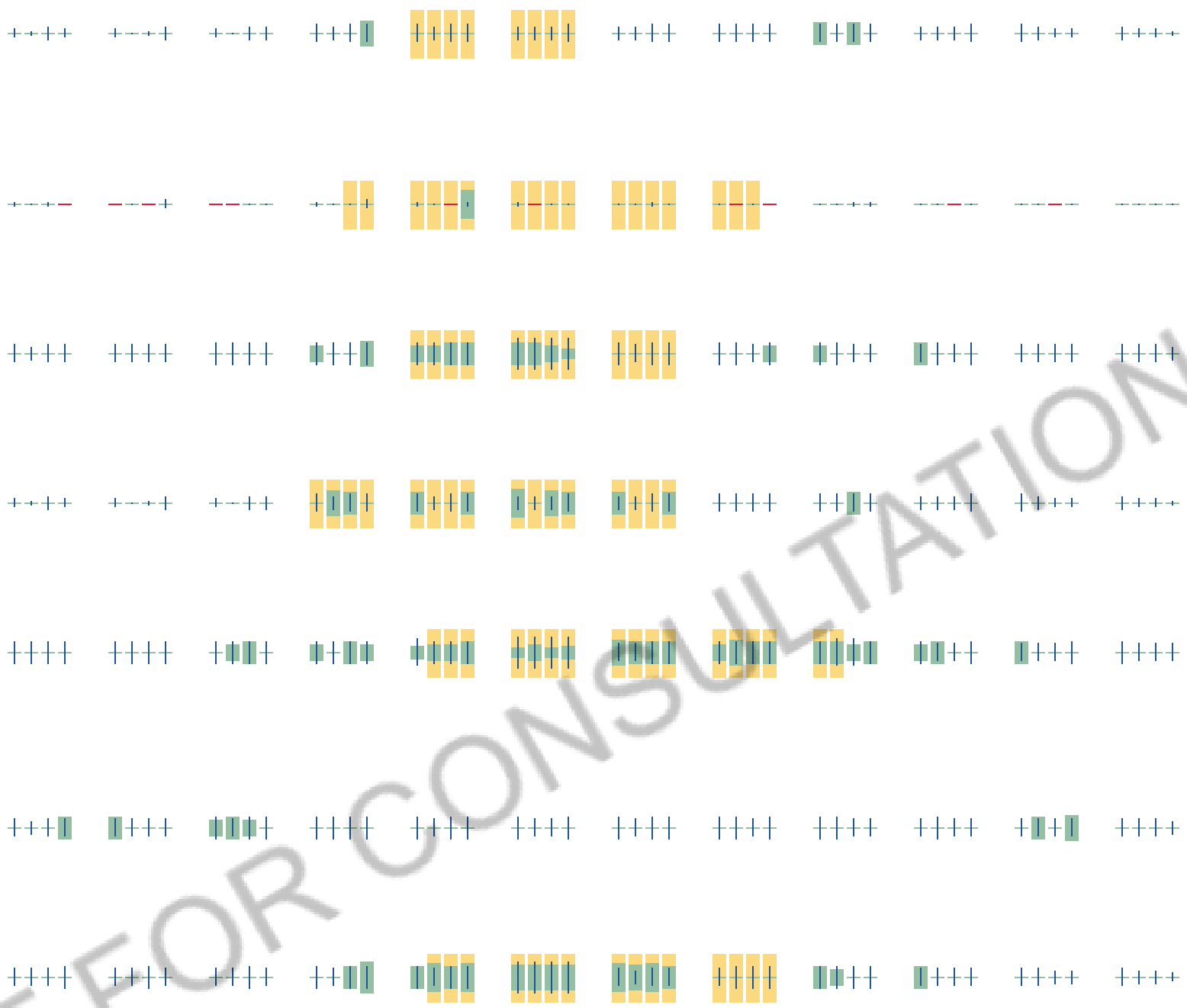
Prairie Warbler
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Prothonotary Warbler
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Red-headed Woodpecker
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Rusty Blackbird
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Wood Thrush
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In

contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

The area of this project is too large for IPaC to load all NWI wetlands in the area. The list below may be incomplete. Please contact the local U.S. Fish and Wildlife Service office or visit the NWI map for a full list.

FRESHWATER POND

Palustrine

LAKE

Lacustrine

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Appendix C

Notice of Dry-Cleaning Solvent Remediation

Source Property: Graham Presbyterian Church, PIN 8884-04-5747/PID 145514

NOTICE OF DRY-CLEANING SOLVENT REMEDIATION

Property Owner: Graham Presbyterian Church
Recorded in Book _____, Page _____
Associated plat recorded in Plat Book _____, Page _____

This documentary component of a Notice of Dry-Cleaning Solvent Remediation (hereinafter "Notice") is hereby recorded on this _____ day of _____, 20_____ by Graham Presbyterian Church (hereinafter "Property Owner"). The survey plat component of the Notice is being recorded concurrently with this documentary component. The real property (hereinafter "Property") which is the subject of this Notice is located at 220 W Harden Street, Graham, Alamance County, North Carolina, Property Index Number (PIN) 8884-04-5747/Parcel Identification (PID) 145514.

The Property is contaminated with dry-cleaning solvent, as defined at North Carolina General Statutes (hereinafter "N.C.G.S."), Section (hereinafter "§") 143-215.104B(b)(9) and other contaminants, and is one of two parcels that make up the dry-cleaning solvent contamination site (hereinafter "Contamination Site"). This Notice has been approved by the North Carolina Department of Environmental Quality, or its successor in function (hereinafter "DEQ") under the authority of the Dry-Cleaning Solvent Cleanup Act of 1997, as amended, N.C.G.S. § 143-215.104A *et seq.* (hereinafter "DSCA"), and is required to be filed in the Register of Deeds' Office in the county or counties in which the land is located, pursuant to NCGS § 143-215.104M. A Notice will be recorded separately in each chain of title of the Contamination Site.

Soil and groundwater at the Property are contaminated with dry-cleaning solvents associated with dry-cleaning operations at the former Harden Cleaners (DSCA Site ID DC10001) located at 220 W Harden Street, Graham. Dry-cleaning operations were conducted on the Property from an unknown date until early 2000.

Pursuant to N.C.G.S. § 143-215.104M, this Notice is being filed in order to reduce or eliminate the danger to public health or the environment posed by the Property. Attached hereto as **Exhibit A** is a reduction, to 8 1/2" x 11", of the survey plat component of the Notice required

by N.C.G.S. § 143-215.104M. The survey plat has been prepared and certified by a professional land surveyor and meets the requirements of G.S. 47-30, and contains the following information required by N.C.G.S. § 143-215.104M:

(1) A description of the location and dimensions of the areas of potential environmental concern with respect to permanently surveyed benchmarks; and

(2) The type, location and quantity of regulated dry-cleaning solvent contamination and other contaminants known to exist on the Property.

Attached hereto as **Exhibit B,** is a legal description of the Property that would be sufficient as a description in an instrument of conveyance.

Pursuant to NCGS § 143-215.104M, a certified copy of this Notice must be filed within 15 days of receipt of DEQ's approval of the Notice or the effective date of the dry-cleaning solvent remediation agreement, whichever is later. Pursuant to NCGS § 143-215.104M, the copy of the Notice certified by DEQ must be recorded in the grantor index under the names of the owners of the land.

LAND-USE RESTRICTIONS

NCGS § 143-215.104M requires that the Notice identify any restrictions on the current and future use of the Property that are necessary or useful to maintain the level of protection appropriate for the designated current or future use of the Property and that are designated in the dry-cleaning remediation agreement. The restrictions shall remain in force in perpetuity unless canceled by the Secretary of DEQ, or his/her designee, after the hazards have been eliminated, pursuant to NCGS §143-215.104M. Those restrictions are hereby imposed on the Property, and are as follows:

1. Without prior written approval from DEQ, the Property shall not be used for:

    a. child care centers or schools; or
    b. mining or extraction of coal, oil, gas or any mineral or non-mineral substances.

2. No activities that encounter, expose, remove or use groundwater (for example, installation of water supply wells, fountains, ponds, lakes or swimming pools that use groundwater, or construction or excavation activities that encounter or expose groundwater) may occur on the Property without prior approval of DEQ.

3. Soil in **Area A** may not be removed or disturbed unless approved in writing in advance by DEQ or its successor in function, except for routine landscape maintenance and emergency utility repair. In the event of emergency utility repair, DEQ shall be given written notice of any such emergency repair no later than the next business day, and further related assessment and remedial measures may be required.

4. Except for routine maintenance, no construction activities or change in property use that cause or create an unacceptable human health risk from vapor intrusion may occur on the Property without prior approval of DEQ. These activities include but are not limited to:

construction of new buildings, removal and construction of part of a building, construction of sub-grade structures that encounter contaminated soil or places building users in close proximity to contaminated groundwater, change from non-residential to residential property, change in tenant space usage, and addition of residential property use on higher floors.

5. Structural modifications that may cause or create an increased risk from vapor intrusion require the property owner to demonstrate to the satisfaction of DEQ that the indoor air in the structure does not pose an unacceptable risk to the occupants following modifications. These modifications include but are not limited to: modification or replacement of heating, ventilation or air conditioning (HVAC) systems, removal or replacement of the building slab, installation of multiple conduits or piping through the building slab, modifications to building walls or ceilings that may change air flow.

6. In January of each year, on or before January 31st, the owner of any portion of the Property shall submit a notarized Annual Certification of Land-Use Restrictions to DEQ certifying that this Notice remains recorded at the Register of Deeds' office, and that the land-use restrictions are being complied with.

7. No person conducting environmental assessment or remediation at the Property or involved in determining compliance with applicable land-use restrictions, at the direction of, or pursuant to a permit or order issued by DEQ may be denied access to the Property for the purpose of conducting such activities.

8. The owner of any portion of the Property shall cause the instrument of any sale, lease, grant, or other transfer of any interest in the property to include a provision expressly requiring the lessee, grantee, or transferee to comply with this Notice. The failure to include such a provision shall not affect the validity or applicability of any land-use restriction in this Notice.

For purposes of the land-use restrictions set forth above, DEQ's point of contact shall be:

North Carolina Division of Waste Management
Dry-Cleaning Solvent Cleanup Act (DSCA) Program
1646 Mail Service Center
Raleigh, NC 27699-1646

RIGHT OF ENTRY

The property owner grants and conveys to DEQ, its agents, contractors, and employees, and any person performing pollution remediation activities under the direction of DEQ, access at reasonable times and under reasonable security requirements to the Property to determine and monitor compliance with the land-use restrictions set forth in this Notice. Such investigations and actions are necessary by DEQ to ensure that use, occupancy, and activities of and at the Property are consistent with the land-use restrictions and to ensure that the structural integrity and continued effectiveness of any engineering controls (if appropriate) described in the Notice are maintained. Whenever possible, at least 48 hours advance notice will be given to the Property Owner prior to

entry. Advance notice may not always be possible due to conditions such as response time to complaints and emergency situations.

REPRESENTATIONS AND WARRANTIES

The Property Owner hereby represents and warrants to the other signatories hereto:

i) that the Property Owner is the sole owner of the Property; **or** that the Property Owner has provided to DEQ the names of all other persons that own an interest in or hold an encumbrance on the Property and have notified such persons of the Property Owner's intention to enter into this Notice;

ii) that the Property Owner has the power and authority to enter into this Notice, to grant the rights and interests herein provided and to carry out all obligations hereunder; and

iii) that this Notice will not materially violate or contravene or constitute a material default under any other agreement, document or instrument to which the Property Owner is a party or by which the Property Owner may be bound or affected.

ENFORCEMENT

The above land-use restrictions shall be enforceable without regard to lack of privity of estate or contract, lack of benefit to particular land, or lack of any property interest in particular land. The land-use restrictions shall be enforced by any owner of the Property. The land-use restrictions may also be enforced by DEQ through the remedies provided in NCGS § 143-215.104P or by means of a civil action; by any unit of local government having jurisdiction over any part of the Property; and by any person eligible for liability protection under the DSCA who will lose liability protection if the restrictions are violated. Any attempt to cancel any or all of this Declaration without the approval of the Secretary of DEQ (or its successor in function), or his/her delegate, shall be subject to enforcement by DEQ to the full extent of the law. Failure by any party required-or authorized to enforce any of the above restrictions shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

If a land-use restriction set out in this Notice required under NCGS § 143-215.104.M is violated, the owner of the Property at the time the land-use restriction is violated, the owner's successors and assigns, and the owner's agents who direct or contract for alteration of the contamination site in violation of a land-use restriction shall be liable for remediation of all contaminants to unrestricted use standards.

FUTURE SALES, LEASES, CONVEYANCES AND TRANSFERS

When any portion of the Property subject to this Notice is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section, in no smaller type than that used in the body of the deed or instrument, (1) a statement that the property has been contaminated with dry-cleaning solvent and, if appropriate, cleaned up under the Act and (2) a reference by book and page to the recordation of this Notice.

The Property Owner shall notify DEQ within fourteen (14) calendar days of the effective date of any conveyance, grant, gift, or other transfer, whole or in part, of the Property Owner's interest in the Property. This notification shall include the name, business address and phone number of the transferee and the expected date of transfer.

The Property Owner shall notify DEQ within thirty (30) days following the petitioning or filing of any document by any person initiating a rezoning of the Property that would change the base zone of the Property.

This provision shall not apply to leases that do not provide for the right to take actions that would violate the prohibitions and restrictions of this Notice.

PROPERTY OWNER SIGNATURE

IN WITNESS WHEREOF, Property Owner has caused this instrument to be duly executed this _____day of _____, 20___.

Graham Presbyterian Church

By: _____

Name of contact

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public of the county and state aforesaid, certify that _____ personally came before me this day and acknowledged that he/she is a Member of Graham Presbyterian Church, and its Manager, and that by authority duly given and as the act of the company, the foregoing Notice of Dry-Cleaning Solvent Remediation was signed in its name by him.

WITNESS my hand and official stamp or seal, this _____ day of _____, 20___.

_____
Name typed or printed
Notary Public

My Commission expires: _____
[Stamp/Seal]

APPROVAL AND CERTIFICATION

The foregoing Notice of Dry-Cleaning Solvent Remediation is hereby approved and certified.

North Carolina Department of Environmental Quality

By: _____ _____
Jim Bateson, LG — Date
Chief, Superfund Section
Division of Waste Management

ATTACHMENT

LIMITED POWER OF ATTORNEY

I _____"Property Owner", do hereby grant a limited power of attorney to DEQ and to DEQ's independent contractors, as follows:

DEQ and DEQ's independent contractors shall have the limited power of attorney to record this Notice, including its documentary and survey plat components, in accordance with N.C.G.S. § 143-215.104M on my "Property Owner" behalf. This limited power of attorney shall terminate upon completion of the recordation of the Notice.

Signature of Property Owner _____

Dated this ___day of _____, 20___.

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public, do hereby certify that _____ personally appeared before me this day and signed this "Limited Power of Attorney".

WITNESS my hand and official stamp or seal, this _____ day of _____, 20___.

_____
Name typed or printed
Notary Public

My Commission expires: _____
[Stamp/Seal]

CERTIFICATION OF REGISTER OF DEEDS

The foregoing documentary component of the Notice of Dry-Cleaning Solvent Remediation, and the associated plat, are certified to be duly recorded at the date and time, and in the Book and on the Page(s), shown on the first page hereof.

Register of Deeds for Alamance County

By: _____ _____

(signature) Date

Name typed or printed: _____

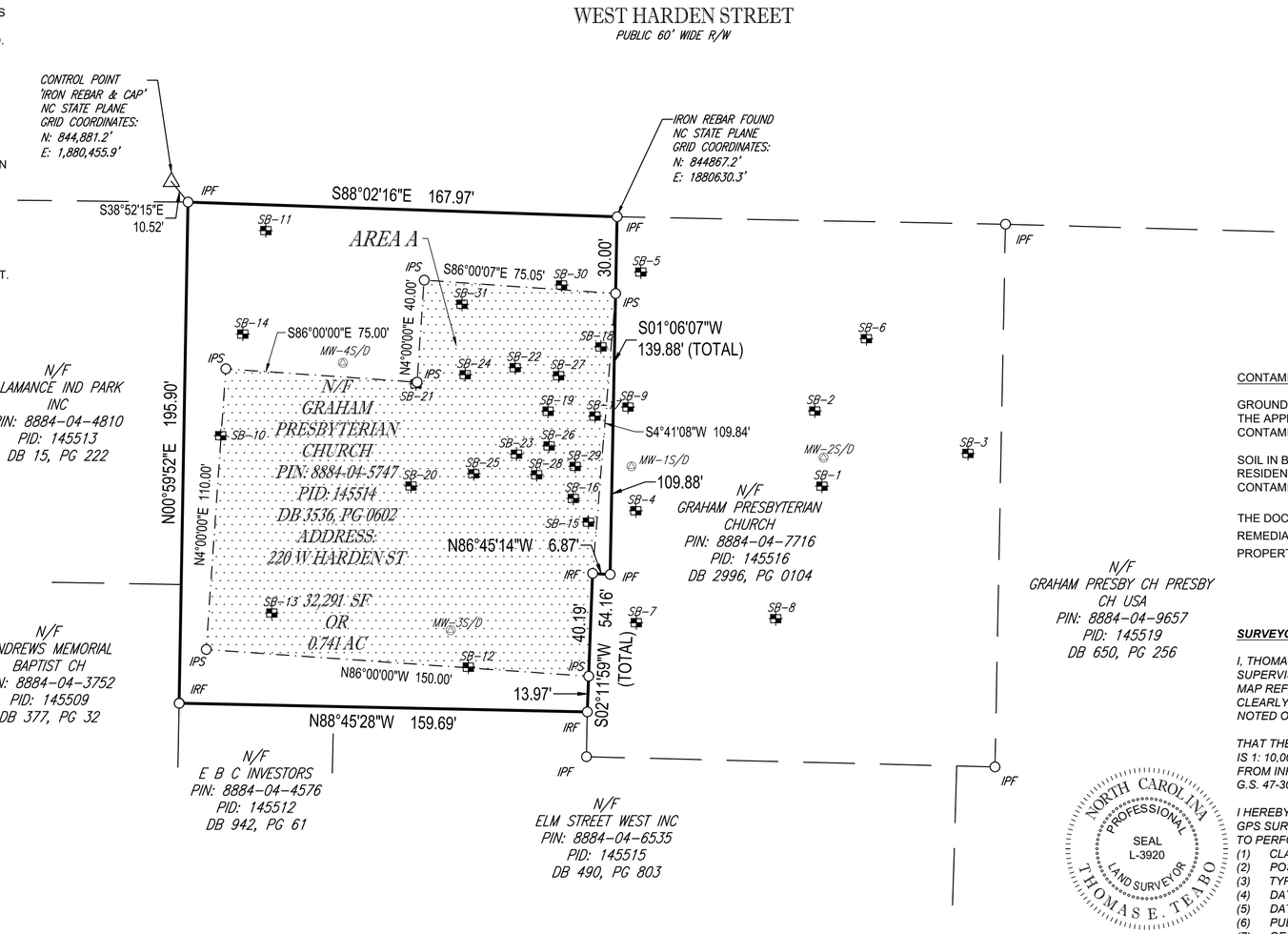
Deputy/Assistant Register of Deeds

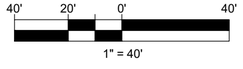
EXHIBIT A
REDUCTION OF SURVEY PLAT

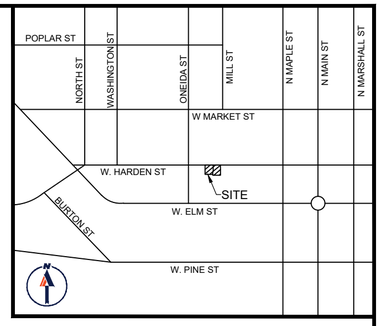
NOTES:

1. THE FIRM HAS NEITHER REVIEWED, NOR RELIED UPON A TITLE COMMITMENT OR ANY TITLE REPORT IN AND WHILE PREPARING THIS SURVEY AND THE CLIENT SHOULD NOT RELY UPON THIS SURVEY AS ASSURANCE OF OWNERSHIP, AS A GUARANTEE OF MARKETABLE TITLE OR FOR DISCLOSURE OF TITLE EXCEPTIONS THAT MAY, COULD OR DO ENCUMBER THE PROPERTY. THE CLIENT MUST ENGAGE A TITLE AGENT/TITLE INSURANCE COMPANY FOR REVIEW AND CONFIRMATION OF, AND INSURANCE REGARDING MARKETABLE TITLE.
2. AREAS COMPUTED BY COORDINATE METHOD.
3. PROPERTY SHOWN HEREON IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIONS OF RECORD.
4. ALL DISTANCES SHOWN ON SURVEY ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
5. RIGHTS-OF-WAY INFORMATION IS BASED ON DEEDS AND MAPS OF RECORD.
6. NC GRID COORDINATES (NAD83) OBTAINED BY USING GPS, PER THE NCVRS NETWORK.
7. BASIS OF BEARING SHOWN HEREON IS NC GRID (NAD 83 NSRS 2011).
8. VERTICAL DATUM SHOWN HEREON IS NAVD88.
9. THE PROPERTY SHOWN HEREON IS LOCATED IN THE FOLLOWING FLOODZONES:, ZONE X, AREA OF MINIMAL FLOOD HAZARD, PER FLOOD INSURANCE RATE MAP 3710888400K, PANEL 8400 EFFECTIVE DATE NOVEMBER 17, 2017.
10. THE ADDRESS OF THE FORMER HARDEN CLEANERS WAS 218 WEST HARDEN STREET. HOWEVER, THE PARCEL CONTAINING THE FORMER DRY-CLEANER HAS BEEN MODIFIED AND THE CURRENT ADDRESS FOR THE PARCEL IS 220 WEST HARDEN STREET.
11. THE LOCATIONS OF THE SOIL BORINGS ARE BASED ON FIGURES PROVIDED BY HART & HICKMAN, PC. THE LOCATIONS WERE NOT SURVEYED BECAUSE THE SOIL BORINGS HAVE BEEN ABANDONED. THE LOCATIONS OF MONITORING WELLS MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, MW-3D, MW-4S AND MW-4D WERE SURVEYED DURING PREPARATION OF THIS SURVEY PLAT.
12. THE AREAS AND TYPE OF CONTAMINATION DEPICTED UPON THE MAP ARE APPROXIMATIONS DERIVED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF FILING.

COORDINATE SYSTEM: US STATE PLANE 1983 ZONE: NORTH CAROLINA 3200 HORIZONTAL DATUM: NAD 83 (2011) VERTICAL DATUM: NAVD 88 (GEOID 2012 CONUS) UNIT OF MEASURE: US SURVEY FEET			
WELL ID	GRID NORTHING	GRID EASTING	TOP OF CASING ELEVATION
MW-1S	844769.80	1880635.92	634.04
MW-1D	844769.50	1880636.00	634.05
MW-2S	844773.08	1880711.20	634.37
MW-2D	844773.06	1880711.05	634.27
MW-3S	844705.70	1880565.14	634.55
MW-3D	844705.57	1880565.48	634.40
MW-4S	844809.98	1880522.98	634.48
MW-4D	844810.10	1880523.05	634.22







LOCATION MAP

NOT TO SCALE

REFERENCES:

DB 3536, PG 0602
DB 2996, PG 0104
DB 15, PG 222
DB 377, PG 32
DB 942, PG 61
DB 490, PG 803
DB 650, PG 256

DEED STATEMENT

N.C.G.S. 143-215.104M(d) REQUIRES THAT WHEN PROPERTY FOR WHICH A NOTICE OF DRY-CLEANING SOLVENT REMEDIATION HAS BEEN FILED IS SOLD, LEASED, CONVEYED, OR TRANSFERRED, THE DEED OR OTHER INSTRUMENT OF TRANSFER SHALL CONTAIN IN THE DESCRIPTION SECTION, IN NO SMALLER TYPE THAN THAT USED IN THE BODY OF THE DEED OR INSTRUMENT, A STATEMENT THAT THE PROPERTY HAS BEEN CONTAMINATED WITH DRY-CLEANING SOLVENT AND, IF APPROPRIATE CLEANED UP UNDER THIS PART. USE THE FOLLOWING STATEMENT TO SATISFY N.C.G.S. 143-215.104(d):

THIS PROPERTY HAS BEEN CONTAMINATED WITH DRY-CLEANING SOLVENT. A NOTICE OF DRY-CLEANING SOLVENT REMEDIATION IS RECORDED IN THE ALAMANCE COUNTY REGISTER OF DEED'S OFFICE AT BOOK _____, PAGE _____. QUESTIONS CONCERNING THIS MATTER MAY BE DIRECTED TO THE NORTH CAROLINA DIVISION OF WASTE MANAGEMENT, SUPERFUND SECTION, DRY-CLEANING SOLVENT CLEANUP ACT (DSCA) PROGRAM, OR ITS SUCCESSOR IN FUNCTION. 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646."

CONTAMINANT STATEMENT

GROUNDWATER IN WELLS MW-1S, MW-1D, MW-3S, MW-3D, MW-4S, AND MW-4D EXCEEDED THE APPLICABLE 2L WATER QUALITY STANDARD (15A NCAC 2L.0200) FOR THE FOLLOWING CONTAMINANT: TETRACHLOROETHYLENE.

SOIL IN BORINGS SB-17, 18, 19, 20, 22, 23, 24, 26, 27, AND 28 EXCEEDED THE ASSOCIATED RESIDENTIAL RISK BASED SCREENING LEVEL (15A NCAC 2S) FOR THE FOLLOWING CONTAMINANT: TETRACHLOROETHYLENE.

THE DOCUMENTARY COMPONENT OF THIS NOTICE OF DRY-CLEANING SOLVENT REMEDIATION, WHICH IDENTIFIES CONTROLS OR LIMITATIONS ON THE USE OF THIS PROPERTY, IS RECORDED AT:

DEED BOOK: _____PAGE:_____

OWNER ACKNOWLEDGEMENT

I ACKNOWLEDGE THAT I HAVE FULL AUTHORITY TO LEGALLY EXECUTE A DEED FOR THIS PROPERTY.

_____ _____
(SIGNATURE) (DATE)

NORTH CAROLINA

_____ COUNTY

I,_____, A NOTARY PUBLIC OF SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT _____DID PERSONALLY APPEAR AND SIGN BEFORE ME THIS THE _____ DAY OF _____, _____.

_____
NOTARY PUBLIC (SIGNATURE) (OFFICIAL SEAL)

MY COMMISSION EXPIRES _____, _____.

DEQ ACKNOWLEDGEMENT

APPROVED FOR THE PURPOSES OF
N.C.G.S. 143-215.104M.

_____
JIM BATESON, LG
CHIEF, SUPERFUND SECTION
DIVISION OF WASTE MANAGEMENT

NORTH CAROLINA
WAKE COUNTY

I,_____, A NOTARY PUBLIC OF SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT _____DID PERSONALLY APPEAR AND SIGN BEFORE ME THIS THE _____ DAY OF _____, _____.

_____
NOTARY PUBLIC (SIGNATURE) (OFFICIAL SEAL)

MY COMMISSION EXPIRES _____, _____.

LEGEND

———	LINE SURVEYED
— — —	LINE NOT SURVEYED
— · — · —	AREA A LIMITS
N/F	NOW OR FORMERLY
□ CMF	CONCRETE MONUMENT FOUND
○ IPF	IRON PIPE FOUND
○ PKF	PK NAIL FOUND
○ DHF	DRILL HOLE FOUND
○ IRF	IRON REBAR FOUND
○ IPS	IRON PIPE SET
○ PKS	PK NAIL SET
△	MONITORING WELL
⊞	SOIL BORING
	AREA A

SURVEYOR CERTIFICATION

I, THOMAS E. TEABO, PLS, HEREBY CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION, FROM DEED AND MAP REFERENCES AS NOTED ON SAID MAP; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FROM DEED AND MAP REFERENCES AS NOTED ON SAID MAP.

THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY OF THE SURVEY AS CALCULATED IS 1: 10,000+, THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION OF RECORD; THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED.

I HEREBY CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

(1) CLASS OF SURVEY: "CLASS A"
(2) POSITIONAL ACCURACY: 0.04'
(3) TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC NETWORKS-NCVRS
(4) DATES OF SURVEY: 02/28/2020
(5) DATUM/EPOCH: NAD 83 (2011) EPOCH 2010.00
(6) PUBLISHED/FIXED-CONTROL USE: NCVRS
(7) GEOID MODEL: 2012 (CONUS)
(8) COMBINED GRID FACTOR(S): 1.025048936
(9) UNITS: US SURVEY FEET

THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 16TH DAY OF FEBRUARY A.D., 2021.

NORTH CAROLINA PROFESSIONAL SEAL L-3920 LAND SURVEYOR THOMAS E. TEABO

_____
SURVEYOR NC L-3920

SURVEY PLAT-EXHIBIT A TO THE NOTICE OF DRY CLEANING SOLVENT REMEDIATION
SOURCE PROPERTY
PIN: 8884-04-5747
PID: 145514
OWNER: GRAHAM PRESBYTERIAN CHURCH
THE FORMER HARDEN CLEANERS, DSCA SITE ID: DC10001
220 W HARDEN ST
CITY OF GRAHAM, GRAHAM TOWNSHIP, ALAMANCE COUNTY, NORTH CAROLINA

NCBELS: P-1132

FILE NO. NS201099
DATE 02/16/2021

BOHLER
4130 PARKLAKE AVENUE, SUITE 130
RALEIGH, NC 27612
919.578.9000
www.bohlerengineering.com
UPSTATE NEW YORK ■ BOSTON, MA ■ NEW YORK METRO ■ WARREN, NJ ■ PHILADELPHIA/SOUTHERN NJ ■ LEHIGH VALLEY, PA ■ SOUTHEASTERN PA ■ BALTIMORE, MD ■ SOUTHERN MARYLAND ■ NORTHERN VIRGINIA ■ WASHINGTON, DC ■ CENTRAL VIRGINIA ■ CHARLOTTE, NC ■ RALEIGH, NC

FIELD DATE	CREW CHIEF	DRAWN	REVIEWED	APPROVED	SCALE	DWG. NO.
12/04/2020	AS	DET	JT/TET	TET	1" = 40'	1 OF 1

EXHIBIT B
PROPERTY LEGAL DESCRIPTION

A certain tract or parcel of land in Graham Township, Alamance County, NC, adjoining the lands of L. Banks Holt Manufacturing Company, E.E. McAdams and Jim Black, and fronting on the south side of W. Harden Street and bounded and described as follows:

BEGINNING at an iron stake northeast corner of brick wall in southern margin of W. Harden Street, corner with L. Banks Holt Manufacturing Company; running thence S. 4 deg. 30' W. 140 feet to an iron stake, corner with said L. Banks Holt Manufacturing Company; thence N. 85 deg. 30' W. 6.6 feet to an iron stake; thence S. 4 deg. 30' W. 54 feet to an iron stake, corner with E.E. McAdams; thence N. 85 deg. 30' W. 160.8 feet to an iron stake, corner with Jim Black; thence N. 4 deg. 15' E. 196 feet to an iron stake in the southern margin of W. Harden Street; thence S. 85 deg. E. 168.2 feet to the BEGINNING POINT, upon which is located the brick building of the Scott-Mebane Manufacturing Company.

The above description is in accordance with survey and plat made by W.T. Hall, C.E., Dec. 28, 1938.

Also conveyed herewith is a non-exclusive perpetual right and easement to construct and maintain an underground sewer line in, under, and across the following described property located in Graham Township, Alamance County, North Carolina, and being more particularly described as follows:

All the easement lying over and across that tract of land, and beginning at an existing iron pin in the northern margin of West Elm Street, said iron pin being located in the common line of Mary Ann Euliss and Elm Street West, Inc.; running thence

North 04 deg. 15' 45" East 228.22 feet to an existing iron pin in the line of Lindley and corner with Euliss; running thence in Lindley's line South 85 deg. 29' 50" East 5 feet to a point in Lindley's line; and running thence South 04 deg. 15' 45" West 228.22 feet to a point in the line of Elm Street West, Inc., said point being in the northern margin of West Elm Street; running thence North 85 deg. 56' 30" West 5 feet to the point and place of beginning.

Appendix D

Notice of Dry-Cleaning Solvent Remediation

Off-Source Property: Graham Presbyterian Church, PIN 8884-04-7716/PID 145516

NOTICE OF DRY-CLEANING SOLVENT REMEDIATION

Property Owner: Graham Presbyterian Church
Recorded in Deed Book _____, Page _____
Associated plat recorded in Plat Book _____, Page _____

This documentary component of a Notice of Dry-Cleaning Solvent Remediation (hereinafter "Notice") is hereby recorded on this ____ day of _____, 20____ by Graham Presbyterian Church (hereinafter "Property Owner"). The survey plat component of the Notice is being recorded concurrently with this documentary component. The real property (hereinafter "Property") which is the subject of this Notice is located at 224 W Harden Street, Graham, Alamance County, North Carolina, Property Index Number (PIN) 8884-04-7716/Parcel Identification (PID) 145516.

The Property is contaminated with dry-cleaning solvent, as defined at North Carolina General Statutes (hereinafter "N.C.G.S."), Section (hereinafter "§") 143-215.104B(b)(9), and other contaminants and is one of two parcels that make up the dry-cleaning solvent contamination site (hereinafter "Contamination Site"). This Notice has been approved by the North Carolina Department of Environmental Quality, or its successor in function (hereinafter "DEQ") under the authority of the Dry-Cleaning Solvent Cleanup Act of 1997, as amended, N.C.G.S. § 143-215.104A *et seq.* (hereinafter "DSCA"), and is required to be filed in the Register of Deeds' Office in the county or counties in which the land is located, pursuant to NCGS § 143-215.104M**.** A Notice will be recorded separately in each chain of title of the Contamination Site.

Groundwater under the Property is contaminated with dry-cleaning solvents associated with dry-cleaning operations at the former Harden Cleaners (DSCA Site ID DC10001) located at 220 W Harden Street, Graham.

Pursuant to N.C.G.S. § 143-215.104M, this Notice is being filed in order to reduce or eliminate the danger to public health or the environment posed by the Property. Attached hereto as **Exhibit A** is a reduction, to 8 1/2" x 11", of the survey plat component of the Notice required by N.C.G.S. § 143-215.104M. The survey plat has been prepared and certified by a professional

land surveyor and meets the requirements of G.S. 47-30, and contains the following information required by N.C.G.S. § 143-215.104M:

(1) A description of the location and dimensions of the areas of potential environmental concern with respect to permanently surveyed benchmarks; and

(2) The type, location and quantity of regulated dry-cleaning solvent contamination and other contaminants known to exist on the Property.

Attached hereto as **Exhibit B** is a legal description of the Property that would be sufficient as a description in an instrument of conveyance.

Pursuant to NCGS § 143-215.104M, a certified copy of this Notice must be filed within 15 days of receipt of DEQ's approval of the Notice or the effective date of the dry-cleaning solvent remediation agreement, whichever is later. Pursuant to NCGS § 143-215.104M, the copy of the Notice certified by DEQ must be recorded in the grantor index under the names of the owners of the land.

LAND-USE RESTRICTIONS

N.C.G.S. § 143-215.104M requires that the Notice identify any restrictions on the current or future use of the Property that are necessary to assure adequate protection of public health and the environment. The restrictions shall continue in perpetuity and cannot be amended or canceled unless and until the County Register of Deeds receives and records the written concurrence of DEQ. Those restrictions are hereby imposed on the Property, and are as follows:

1. The Property shall not be used for mining, extraction of coal, oil, gas or any other minerals or non-mineral substances.

2. No activities that encounter, expose, remove, or use groundwater (for example, installation of water supply wells, fountains, ponds, lakes or swimming pools that use groundwater, or construction or excavation activities that encounter or expose groundwater) may occur on the Property without prior approval by DEQ. No subsurface structures for access of personal use, such as basements, may be constructed on the Property without prior approval by DEQ.

3. Except for routine maintenance, no construction activities or change in property use that cause or create an unacceptable human health risk from vapor intrusion may occur on the Property without prior approval of DEQ. These activities include but are not limited to: construction of new buildings, removal and construction of part of a building, construction of sub-grade structures that encounter contaminated soil or places building users in close proximity to contaminated groundwater, change from non-residential to residential property, change in tenant space usage, and addition of residential property use on higher floors.

4. Structural modifications that may cause or create an increased risk from vapor intrusion require the property owner to demonstrate to the satisfaction of DEQ that the indoor air in the structure does not pose an unacceptable risk to the occupants following modifications. These modifications include but are not limited to: modification or replacement of heating, ventilation or air conditioning (HVAC) systems, removal or replacement of the building slab, installation of multiple conduits or piping through the building slab, modifications to building walls or ceilings that may change air flow.

5. No person conducting environmental assessment or remediation at the Property, or involved in determining compliance with applicable land-use restrictions, at the direction of, or pursuant to a permit or order issued by DEQ may be denied access to the Property for the purpose of conducting such activities.

6. The owner of the Property which is the subject of this Notice shall cause the instrument of any sale, lease, grant, or other transfer of any interest in the Property to include a provision expressly requiring the lessee, grantee, or transferee to comply with this Notice. The failure to include such provision shall not affect the validity or applicability of any land-use restriction identified in this Notice.

7. In January of each year, on or before January 31st, the owner of any portion of the Property shall submit a notarized Annual Certification of Land-Use Restrictions to DEQ certifying that this Notice remains recorded at the Register of Deeds' office, and that the land-use restrictions are being complied with.

For purposes of the land-use restrictions set forth above, DEQ's point of contact shall be:

North Carolina Division of Waste Management
Dry-Cleaning Solvent Cleanup Act (DSCA) Program
1646 Mail Service Center
Raleigh, NC 27699-1646

RIGHT OF ENTRY

The property owner grants and conveys to DEQ, its agents, contractors, and employees, and any person performing pollution remediation activities under the direction of DEQ, access at reasonable times and under reasonable security requirements to the Property to determine and monitor compliance with the land-use restrictions set forth in this Notice. Such investigations and actions are necessary by DEQ to ensure that use, occupancy, and activities of and at the Property are consistent with the land-use restrictions and to ensure that the structural integrity and continued effectiveness of any engineering controls (if appropriate) described in the Notice are maintained. Whenever possible, at least 48 hours advance notice will be given to the Property Owner prior to entry. Advance notice may not always be possible due to conditions such as response time to complaints and emergency situations.

REPRESENTATIONS AND WARRANTIES

The Property Owner hereby represents and warrants to the other signatories hereto:

i) that the Property Owner is the sole owner of the Property; **or** that the Property Owner has provided to DEQ the names of all other persons that own an interest in or hold an encumbrance on the Property and have notified such persons of the Property Owner's intention to enter into this Notice;

ii) that the Property Owner has the power and authority to enter into this Notice, to grant the rights and interests herein provided and to carry out all obligations hereunder; and

iii) that this Notice will not materially violate or contravene or constitute a material default under any other agreement, document or instrument to which the Property Owner is a party or by which the Property Owner may be bound or affected.

ENFORCEMENT

The above land-use restrictions shall be enforceable without regard to lack of privity of estate or contract, lack of benefit to particular land, or lack of any property interest in particular land. The land-use restrictions shall be enforced by any owner of the Property. The land-use restrictions may also be enforced by DEQ through the remedies provided in NCGS § 143-215.104P or by means of a civil action; by any unit of local government having jurisdiction over any part of the Property; and by any person eligible for liability protection under the DSCA who will lose liability protection if the restrictions are violated. Any attempt to cancel any or all of this Declaration without the approval of the Secretary of DEQ (or its successor in function), or his/her delegate, shall be subject to enforcement by DEQ to the full extent of the law. Failure by any party required-or authorized to enforce any of the above restrictions shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

If a land-use restriction set out in this Notice required under NCGS § 143-215.104.M is violated, the owner of the Property at the time the land-use restriction is violated, the owner's successors and assigns, and the owner's agents who direct or contract for alteration of the contamination site in violation of a land-use restriction shall be liable for remediation of all contaminants to unrestricted use standards.

FUTURE SALES, LEASES, CONVEYANCES, TRANSFERS AND PETITIONS OR FILINGS FOR REZONING

When any portion of the Property subject to this Notice is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section, in no smaller type than that used in the body of the deed or instrument, (1) a statement that the property has been contaminated with dry-cleaning solvent and, if appropriate, cleaned up under the Act and (2) a reference by book and page to the recordation of this Notice.

The Property Owner shall notify DEQ within fourteen (14) calendar days of the effective date of any conveyance, grant, gift, or other transfer, whole or in part, of the Property Owner's interest in the Property. This notification shall include the name, business address and phone number of the transferee and the expected date of transfer.

The Property Owner shall notify DEQ within thirty (30) days following the petitioning or filing of any document by any person initiating a rezoning of the Property that would change the base zone of the Property.

This provision shall not apply to leases that do not provide for the right to take actions that would violate the prohibitions and restrictions of this Notice.

PROPERTY OWNER SIGNATURE

IN WITNESS WHEREOF, Property Owner has caused this instrument to be duly executed this _____day of _____, 20___.

Graham Presbyterian Church

By: _____
Name of contact

STATE OF _____
COUNTY OF _____

I,_____, a Notary Public of the county and state aforesaid, certify that _____ personally came before me this day and acknowledged that he/she is a Member of Graham Presbyterian Church, and its Manager, and that by authority duly given and as the act of the company, the foregoing Notice of Dry-Cleaning Solvent Remediation was signed in its name by him.

WITNESS my hand and official stamp or seal, this _____day of _____, 20___.

_____
Name typed or printed
Notary Public

My Commission expires: _____
[Stamp/Seal]

APPROVAL AND CERTIFICATION

The foregoing Notice of Dry-Cleaning Solvent Remediation is hereby approved and certified.

North Carolina Department of Environmental Quality

By:_____ _____
Jim Bateson, LG Date
Chief, Superfund Section
Division of Waste Management

ATTACHMENT

LIMITED POWER OF ATTORNEY

I _____"Property Owner", do hereby grant a limited power of attorney to DEQ and to DEQ's independent contractors, as follows:

DEQ and DEQ's independent contractors shall have the limited power of attorney to record this Notice, including its documentary and survey plat components, in accordance with N.C.G.S. § 143-215.104M on my "Property Owner" behalf. This limited power of attorney shall terminate upon completion of the recordation of the Notice.

Signature of Property Owner _____

Dated this ___day of _____, 20___.

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public, do hereby certify that _____ personally appeared before me this day and signed this "Limited Power of Attorney".

WITNESS my hand and official stamp or seal, this _____day of _____, 20___.

_____
Name typed or printed
Notary Public

My Commission expires: _____
[Stamp/Seal]

CERTIFICATION OF REGISTER OF DEEDS

The foregoing documentary component of the Notice of Dry-Cleaning Solvent Remediation, and the associated plat, are certified to be duly recorded at the date and time, and in the Book and on the Page(s), shown on the first page hereof.

Register of Deeds for Alamance County

By: _____ _____
(signature) Date

Name typed or printed: _____
Deputy/Assistant Register of Deeds

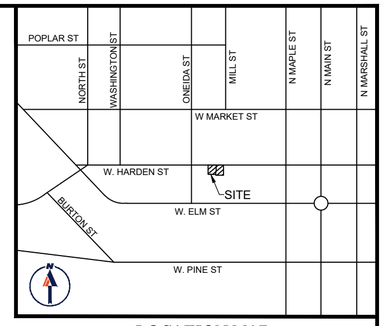
EXHIBIT A
REDUCTION OF SURVEY PLAT

NOTES:

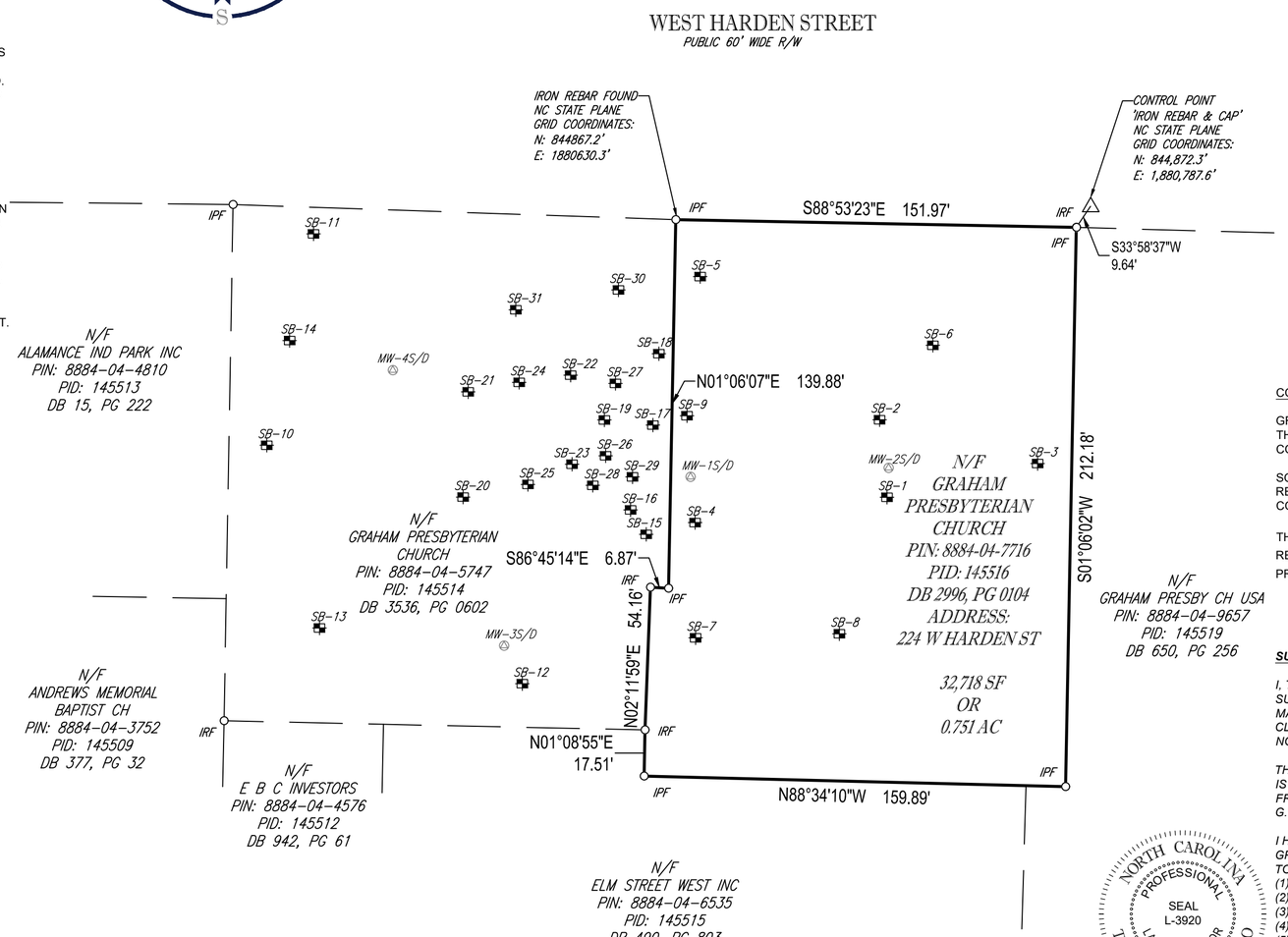
1. THE FIRM HAS NEITHER REVIEWED, NOR RELIED UPON A TITLE COMMITMENT OR ANY TITLE REPORT IN AND WHILE PREPARING THIS SURVEY AND THE CLIENT SHOULD NOT RELY UPON THIS SURVEY AS ASSURANCE OF OWNERSHIP, AS A GUARANTEE OF MARKETABLE TITLE OR FOR DISCLOSURE OF TITLE EXCEPTIONS THAT MAY, COULD OR DO ENCUMBER THE PROPERTY. THE CLIENT MUST ENGAGE A TITLE AGENT/TITLE INSURANCE COMPANY FOR REVIEW AND CONFIRMATION OF, AND INSURANCE REGARDING MARKETABLE TITLE.
2. AREAS COMPUTED BY COORDINATE METHOD.
3. PROPERTY SHOWN HEREON IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIONS OF RECORD.
4. ALL DISTANCES SHOWN ON SURVEY ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
5. RIGHTS-OF-WAY INFORMATION IS BASED ON DEEDS AND MAPS OF RECORD.
6. NC GRID COORDINATES (NAD83) OBTAINED BY USING GPS, PER THE NCVRS NETWORK.
7. BASIS OF BEARING SHOWN HEREON IS NC GRID (NAD 83 NSRS 2011).
8. VERTICAL DATUM SHOWN HEREON IS NAVD88.
9. THE PROPERTY SHOWN HEREON IS LOCATED IN THE FOLLOWING FLOODZONES:, ZONE X, AREA OF MINIMAL FLOOD HAZARD, PER FLOOD INSURANCE RATE MAP 3710888400K, PANEL 8400 EFFECTIVE DATE NOVEMBER 17, 2017.
10. THE ADDRESS OF THE FORMER HARDEN CLEANERS WAS 218 WEST HARDEN STREET. HOWEVER, THE PARCEL CONTAINING THE FORMER DRY-CLEANER HAS BEEN MODIFIED AND THE CURRENT ADDRESS FOR THE PARCEL IS 220 WEST HARDEN STREET.
11. THE LOCATIONS OF THE SOIL BORINGS ARE BASED ON FIGURES PROVIDED BY HART & HICKMAN, PC. THE LOCATIONS WERE NOT SURVEYED BECAUSE THE SOIL BORINGS HAVE BEEN ABANDONED. THE LOCATIONS OF MONITORING WELLS MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, MW-3D, MW-4S AND MW-4D WERE SURVEYED DURING PREPARATION OF THIS SURVEY PLAT.
12. THE AREAS AND TYPE OF CONTAMINATION DEPICTED UPON THE MAP ARE APPROXIMATIONS DERIVED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF FILING.

REFERENCES:

DB 3536, PG 0602
DB 2996, PG 0104
DB 15, PG 222
DB 377, PG 32
DB 942, PG 61
DB 490, PG 803
DB 650, PG 256



LOCATION MAP
NOT TO SCALE



COORDINATE SYSTEM: US STATE PLANE 1983 ZONE: NORTH CAROLINA 3200 HORIZONTAL DATUM: NAD 83 (2011) VERTICAL DATUM: NAVD 88 (GEOID 2012 CONUS) UNIT OF MEASURE: US SURVEY FEET			
WELL ID	GRID NORTHING	GRID EASTING	TOP OF CASING ELEVATION
MW-1S	844769.80	1880635.92	634.04
MW-1D	844769.50	1880636.00	634.05
MW-2S	844773.08	1880711.20	634.37
MW-2D	844773.06	1880711.05	634.27
MW-3S	844705.70	1880565.14	634.55
MW-3D	844705.57	1880565.48	634.40
MW-4S	844809.98	1880522.98	634.48
MW-4D	844810.10	1880523.05	634.22

40' 20' 0' 40'
1" = 40'

DEED STATEMENT

N.C.G.S. 143-215.104M(d) REQUIRES THAT WHEN PROPERTY FOR WHICH A NOTICE OF DRY-CLEANING SOLVENT REMEDIATION HAS BEEN FILED IS SOLD, LEASED, CONVEYED, OR TRANSFERRED, THE DEED OR OTHER INSTRUMENT OF TRANSFER SHALL CONTAIN IN THE DESCRIPTION SECTION, IN NO SMALLER TYPE THAN THAT USED IN THE BODY OF THE DEED OR INSTRUMENT, A STATEMENT THAT THE PROPERTY HAS BEEN CONTAMINATED WITH DRY-CLEANING SOLVENT AND, IF APPROPRIATE CLEANED UP UNDER THIS PART. USE THE FOLLOWING STATEMENT TO SATISFY N.C.G.S. 143-215.104(d):

THIS PROPERTY HAS BEEN CONTAMINATED WITH DRY-CLEANING SOLVENT. A NOTICE OF DRY-CLEANING SOLVENT REMEDIATION IS RECORDED IN THE ALAMANCE COUNTY REGISTER OF DEED'S OFFICE AT BOOK _____, PAGE _____. QUESTIONS CONCERNING THIS MATTER MAY BE DIRECTED TO THE NORTH CAROLINA DIVISION OF WASTE MANAGEMENT, SUPERFUND SECTION, DRY-CLEANING SOLVENT CLEANUP ACT (DSCA) PROGRAM, OR ITS SUCCESSOR IN FUNCTION. 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646."

CONTAMINANT STATEMENT

GROUNDWATER IN WELLS MW-1S, MW-1D, MW-3S, MW-3D, MW-4S, AND MW-4D EXCEEDED THE APPLICABLE 2L WATER QUALITY STANDARD (15A NCAC 2L.0200) FOR THE FOLLOWING CONTAMINANT: TETRACHLOROETHYLENE.

SOIL IN BORINGS SB-17, 18, 19, 20, 22, 23, 24, 26, 27, AND 28 EXCEEDED THE ASSOCIATED RESIDENTIAL RISK BASED SCREENING LEVEL (15A NCAC 2S) FOR THE FOLLOWING CONTAMINANT: TETRACHLOROETHYLENE.

THE DOCUMENTARY COMPONENT OF THIS NOTICE OF DRY-CLEANING SOLVENT REMEDIATION, WHICH IDENTIFIES CONTROLS OR LIMITATIONS ON THE USE OF THIS PROPERTY, IS RECORDED AT:

DEED BOOK: _____PAGE:_____

SURVEYOR CERTIFICATION

I, THOMAS E. TEABO, PLS, HEREBY CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION, FROM DEED AND MAP REFERENCES AS NOTED ON SAID MAP; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FROM DEED AND MAP REFERENCES AS NOTED ON SAID MAP.

THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY OF THE SURVEY AS CALCULATED IS 1: 10,000+, THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION OF RECORD; THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED.

I HEREBY CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

(1) CLASS OF SURVEY: "CLASS A"
(2) POSITIONAL ACCURACY: 0.04'
(3) TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC NETWORKS-NCVRS
(4) DATES OF SURVEY: 02/28/2020
(5) DATUM/EPOCH: NAD 83 (2011) EPOCH 2010.00
(6) PUBLISHED/FIXED-CONTROL USE: NCVRS
(7) GEOID MODEL: 2012 (CONUS)
(8) COMBINED GRID FACTOR(S): 1.025048936
(9) UNITS: US SURVEY FEET

THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 16TH DAY OF FEBRUARY A.D., 2021.

NORTH CAROLINA PROFESSIONAL SEAL L-3920 LAND SURVEYOR THOMAS E. TEABO

_____
SURVEYOR NC L-3920

OWNER ACKNOWLEDGEMENT

I ACKNOWLEDGE THAT I HAVE FULL AUTHORITY TO LEGALLY EXECUTE A DEED FOR THIS PROPERTY.

_____ _____
(SIGNATURE) (DATE)

NORTH CAROLINA

_____ COUNTY

I,_____, A NOTARY PUBLIC OF SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT _____DID PERSONALLY APPEAR AND SIGN BEFORE ME THIS THE _____ DAY OF _____, _____.

_____
NOTARY PUBLIC (SIGNATURE) (OFFICIAL SEAL)

MY COMMISSION EXPIRES _____, _____.

DEQ ACKNOWLEDGEMENT

APPROVED FOR THE PURPOSES OF
N.C.G.S. 143-215.104M.

_____
JIM BATESON, LG
CHIEF, SUPERFUND SECTION
DIVISION OF WASTE MANAGEMENT

NORTH CAROLINA
WAKE COUNTY

I,_____, A NOTARY PUBLIC OF SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT _____DID PERSONALLY APPEAR AND SIGN BEFORE ME THIS THE _____ DAY OF _____, _____.

_____
NOTARY PUBLIC (SIGNATURE) (OFFICIAL SEAL)

MY COMMISSION EXPIRES _____, _____.

LEGEND

———	LINE SURVEYED
— — —	LINE NOT SURVEYED
— · — · — · —	AREA A LIMITS
N/F	NOW OR FORMERLY
□ CMF	CONCRETE MONUMENT FOUND
○ IPF	IRON PIPE FOUND
○ PKF	PK NAIL FOUND
○ DHF	DRILL HOLE FOUND
○ IRF	IRON REBAR FOUND
○ IPS	IRON PIPE SET
○ PKS	PK NAIL SET
△	MONITORING WELL
■	SOIL BORING

SURVEY PLAT-EXHIBIT A TO THE NOTICE OF DRY CLEANING SOLVENT REMEDIATION NON-SOURCE PROPERTY
PIN: 8884-04-7716
PID: 145516
OWNER: GRAHAM PRESBYTERIAN CHURCH
224 W HARDEN STREET
CONTAMINATION SOURCE:
THE FORMER HARDEN CLEANERS, DSCA SITE ID: DC10001
220 W HARDEN ST
CITY OF GRAHAM, GRAHAM TOWNSHIP, ALAMANCE COUNTY, NORTH CAROLINA

NCBELS: P-1132

FILE NO.	DATE	FIELD DATE	CREW CHIEF	DRAWN	REVIEWED	APPROVED	SCALE	DWG. NO.
NS201099	02/16/2021	12/04/2020	AS	DET	JT/TET	TET	1" = 40'	1 OF 1

BOHLER
4130 PARKLAKE AVENUE, SUITE 130
RALEIGH, NC 27612
919.578.9000
www.bohlerengineering.com
UPSTATE NEW YORK ■ BOSTON, MA ■ NEW YORK METRO ■ WARREN, NJ ■ PHILADELPHIA/SOUTHERN NJ ■ LEHIGH VALLEY, PA ■ SOUTHEASTERN PA ■ BALTIMORE, MD ■ SOUTHERN MARYLAND ■ NORTHERN VIRGINIA ■ WASHINGTON, DC ■ CENTRAL VIRGINIA ■ CHARLOTTE, NC ■ RALEIGH, NC

EXHIBIT B
PROPERTY LEGAL DESCRIPTION

AJOINING J. T. L. Properties, LLC, as recorded in Deed Book 1051, at Page 395, of the Alamance County Registry, Elm Street West, Inc., as recorded in Deed Book 490, at Page 803, of the Alamance County Registry, Graham Presbyterian Church as recorded in Deed Book 650, at Page 256, of the Alamance County Registry and the 68' public right-of-way of West Harden Street and being more particularly described as follows:

BEGINNING at an existing iron pipe and being the northeast corner of J.T.L. Properties, LLC and being in the southern margin of the 68' right-of-way of West Harden Street; running thence with the southern margin of the 68' public right-of-way of West Harden Street, S. 85 deg. 42' 57" East 151.52 feet to a new iron pipe in the southern margin of the 68' right of way of West Harden Street and being the northwest corner of Graham Presbyterian Church; running thence with the line of Graham Presbyterian Church, S. 04' deg. 21' 48" West 212.19 feet to an existing iron pipe and being a corner with Graham Presbyterian Church; running thence with the line of Graham Presbyterian Church, N. 85 deg. 02' 00" West 20.17 feet to an existing iron pipe and being the northeast corner of Elm Street West, Inc.; running thence with the line of Elm Street West, Inc., N. 85 deg. 02' 00" West 138.82 feet to an existing pipe and being a corner with Elm Street West, Inc.; running thence N. 04 deg. 56' 40" East 70.50 feet to an existing iron pipe and being a corner with J. T. L. Properties, LLC; running thence with the line of J. T. L. Properties, LLC, South 85 deg. 33' 20" East 6.60 feet to a new iron pipe and being a corner with J. T. L. Properties, LLC; running thence with the line of J.T.L. Properties, LLC, North 04 deg. 25' 15" East 139.82 feet to an existing iron pipe in the southern margin of the 68' right-of-way of West Harden Street and being the POINT AND PLACE OF BEGINNING, containing 0.75 acres, more or less, according to a survey of the property of J. L. Burke, by Jeffrey H. Rudd, PLS, Simmons Engineering and Surveying, Inc., dated October 25, 2001, to which reference is hereby made for a more complete description.

Appendix E

Example Annual Certification of Land-Use Restrictions

ROY COOPER
Governor
DIONNE DELLI-GATTI
Secretary
MICHAEL SCOTT
Director

NORTH CAROLINA
Environmental Quality

<date>

<property owner>
<address>
<city, state, zip>

Subj: Annual Certification of Land-Use Restrictions
Former Harden Cleaners, 220 W. Harden Street
Graham, Alamance County, North Carolina
DSCA Site ID DC10001

Dear <property owner>:

On <date>, the Division of Waste Management made a "No Further Action" decision for the above referenced site. As part of that decision, it was determined that land-use restrictions were necessary to ensure protection of human health and the environment. The land-use restrictions for this site are specified in the Notice of Dry-Cleaning Solvent Remediation (Notice) signed by the property owner and the Division of Waste Management.

As owner of at least a portion of the DSCA Site, you are required to comply with Condition ___ of the Notice by submitting to DEQ a notarized Annual Certification of Land-Use Restrictions certifying that the Notice remains recorded at the Alamance County Register of Deeds' office and that the Land-Use Restrictions are being complied with. Please complete the enclosed Annual Certification of Land-Use Restrictions and return it to me on or before **January 31, 20__** at the following address:

NCDEQ
Division of Waste Management
DSCA/Al Chapman
1646 Mail Service Center
Raleigh, NC 27699-1646

In accordance with § 143-215.104M(f), any person who fails to comply within the time specified in this letter, shall then be subject to the applicable enforcement procedures. The Notice further states that if a land-use restriction is violated, the owner of the contamination

site at the time the land-use restriction is violated, the owner's successors and assigns, and the owner's agents who direct or contract for alteration of the contamination site in violation of a land-use restriction shall be liable for remediation of all contaminants to unrestricted use standards.

If you have any questions concerning these documents or the site, please contact me at (919) 707-8368 or via email at al.chapman@ncdenr.gov.

Sincerely,

Al Chapman, Project Manager
DSCA Remediation Unit
Superfund Section
Division of Waste Management

Attachments: Annual Certification of Land-Use Restrictions form

Cc: DSCA Site ID DC10001 File

Annual Certification of Land-Use Restrictions

Site Name: Former Harden Cleaners

Site Address: 220 W. Harden Street, Graham, Alamance County

DSCA Site ID DC10001

ANNUAL CERTIFICATION of LAND-USE RESTRICTIONS

Pursuant to land-use restriction number ___ (the land-use restrictions are included as part of this form for reference) in the Notice of Dry-Cleaning Solvent Remediation (Notice) signed by Graham Presbyterian Church and recorded in Deed Book _____, Page _____ on _____ at the Alamance County Register of Deeds Office, Graham Presbyterian Church hereby certifies, as an owner of at least part of the property that is the subject of the Notice, that the Notice remains recorded at the Alamance County Register of Deeds office and the land-use restrictions therein are being complied with.

Duly executed this _____ day of _____, 20__.

Signature:_____

Name typed or printed: _____

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public of the county and state aforesaid, certify that _____ personally came before me this day and the foregoing certification was signed by him/her.

WITNESS my hand and official stamp or seal, this _____ day of _____, 20__.

_____
Name typed or printed:
Notary Public

My Commission expires: _____
[Stamp/Seal]

Appendix F

Example Documents Announcing the Public Comment Period

Public Notice

SUMMARY OF NOTICE OF INTENT TO REMEDIATE A DRY-CLEANING SOLVENT FACILITY OR ABANDONED SITE

N.C. Department of Environmental Quality
Division of Waste Management
Dry-Cleaning Solvent Cleanup Act (DSCA) Program

Former Harden Cleaners
DSCA Site ID DC10001

Pursuant to N.C.G.S. §143-215.104L, on behalf of Graham Presbyterian Church, the North Carolina Department of Environmental Quality's (NCDEQ's) private contractor has prepared a Notice of Intent to Remediate a Dry-Cleaning Solvent Facility or Abandoned Site (NOI). The purpose of this Summary of the NOI is to notify the community of the proposed remedy for the contamination site and invite comment on the proposed remedy.

Harden Cleaners formerly conducted dry-cleaning operations at 218 W. Harden Street in Graham, North Carolina. The property is currently vacant and has an address of 220 W. Harden Street. Dry-cleaning solvent contamination in soil and/or groundwater has been identified at the following parcel(s):

220 W. Harden Street, in Graham; Property Index Number 8884-04-5747/Parcel Identification 145514
224 W. Harden Street, in Graham; Property Index Number 8884-04-7716/Parcel Identification 145516

An investigation of the extent of contamination has been completed. A risk assessment of the contaminated properties concluded that the contamination poses no unacceptable risks. A Risk Management Plan (RMP) has been prepared which proposes using land-use controls to prevent current and future risks at the affected properties.

The elements of the complete NOI are included in the RMP which is available online at https://deq.nc.gov/about/divisions/waste-management/superfund-section/special-remediation-branch/dsca-public-notices-announcements.

The public comment period begins _____ __, 20__, and ends _____ __, 20__.

Comments must be in writing and submitted to NCDEQ no later than _____ __, 20__. Written requests for a public meeting may be submitted to NCDEQ no later than _____, 20__. Requests for additional information should be directed to Al Chapman at (919)707-8368.
All comments and requests should be sent to:

Al Chapman, DSCA Remediation Unit
Division of Waste Management, NCDEQ
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

ROY COOPER
Governor
DIONNE DELLI-GATTI
Secretary
MICHAEL SCOTT
Director

NORTH CAROLINA
Environmental Quality

<date>

<property owner>
<mailing address>
<city, state, zip>

Subj: Dry-Cleaning Solvent Contamination at Former Harden Cleaners, 220 W. Harden Street, Graham, Alamance County, NC DSCA Site ID DC10001

Dear <property owner>:

You are receiving this letter because your property at <adjacent property address> is adjacent to an area contaminated with dry-cleaning solvents. There are no actions required on your part and your property is not contaminated. This letter is only for notification purposes. The Dry-Cleaning Solvent Clean-up Act (DSCA) Program has completed an assessment of the dry-cleaning solvent contamination associated with the former Harden Cleaners at 220 W. Harden Street in Graham. The property is currently vacant. A remedial strategy to address the site contamination has been prepared, and in accordance with our program's statutes, the community has an opportunity to review and comment on the proposed strategy.

The attached Summary of the Notice of Intent to Remediate a Dry-Cleaning Solvent Facility or Abandoned Site (NOI) provides a brief description of the proposed remedy, a web link to the complete NOI, and the dates and procedures for commenting on the proposed remedy. If you do not have access to the internet and wish to view this document, we ask that you contact us to request a hard copy of the complete NOI.

If you have questions, please contact me at al.chapman@ncdenr.gov or (919) 707-8368.

Sincerely,

Al Chapman, DSCA Project Manager
Division of Waste Management, NCDEQ

Attachments: Summary of the NOI
Cc: DSCA Site ID DC10001 File

ROY COOPER
Governor
DIONNE DELLI-GATTI
Secretary
MICHAEL SCOTT
Director

NORTH CAROLINA
Environmental Quality

<Date>

Mr. Frankie Maness, City Manager
201 South Main Street
Graham, NC 27253

Subj: Remediation of Dry-Cleaning Solvent Contamination
DSCA Site ID DC10001
Former Harden Cleaners, 220 W. Harden Street, Graham

Dear Mr. Maness:

The Dry-Cleaning Solvent Cleanup Act of 1997 (DSCA), North Carolina General Statutes (N.C.G.S.) Sections 143-215.104A through 143-215.104U, provides for the assessment and remediation of properties that may have been or were contaminated by chlorinated solvents. To satisfy the requirements of N.C.G.S. 143-215.104L, this letter serves as the **Notice of Intent to Remediate a Dry-Cleaning Solvent Facility or Abandoned Site** (NOI) approved by the North Carolina Department of Environmental Quality (DEQ).

The NOI must provide, to the extent known, a legal description of the location of the DSCA Site, a map showing the location of the DSCA Site, a description of the contaminants involved and their concentrations in the media of the DSCA Site, a description of the intended future use of the DSCA Site, any proposed investigation and remediation, and a proposed Notice of Dry-Cleaning Solvent Remediation (NDCSR) prepared in accordance with N.C.G.S. Section 143-215.104M. The required components of the NOI are included in the attached Risk Management Plan, and are available during the public comment period on our website at:
https://deq.nc.gov/about/divisions/waste-management/superfund-section/special-remediation-branch/dsca-public-notices-announcements

The DSCA Program is providing a copy of the NOI to all local governments having jurisdiction over the DSCA Site. A 30-day public comment period is being held from <date>, until <date>. Written comments may be submitted to DEQ no later than <date>. Written requests for a public meeting may be submitted to DEQ no later than <date>. All such comments and requests should be sent to:

Al Chapman, DSCA Remediation Unit
Division of Waste Management, NCDEQ
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

A Summary of the NOI is being published in The Graham Star, copies are being sent to owners of property within and contiguous with the area of contamination, and a copy of the Summary will be conspicuously posted at the Site during the public comment period.

If you have any questions, please feel free to contact me at (919)707-8368.

Sincerely,

Al Chapman, DSCA Project Manager
Division of Waste Management, NCDEQ

ROY COOPER
Governor
DIONNE DELLI-GATTI
Secretary
MICHAEL SCOTT
Director

NORTH CAROLINA
Environmental Quality

<Date>

Mr. Tony Lo Giudice, Health Director
319 N. Graham-Hopedale Road
Burlington, NC 27217

Subj: Remediation of Dry-Cleaning Solvent Contamination
DSCA Site ID DC10001
Former Harden Cleaners, 220 W. Harden Street, Graham

Dear Mr. Lo Giudice:

The Dry-Cleaning Solvent Cleanup Act of 1997 (DSCA), North Carolina General Statutes (N.C.G.S.) Sections 143-215.104A through 143-215.104U, provides for the assessment and remediation of properties that may have been or were contaminated by chlorinated solvents. To satisfy the requirements of N.C.G.S. 143-215.104L, this letter serves as the **Notice of Intent to Remediate a Dry-Cleaning Solvent Facility or Abandoned Site** (NOI) approved by the North Carolina Department of Environmental Quality (DEQ).

The NOI must provide, to the extent known, a legal description of the location of the DSCA Site, a map showing the location of the DSCA Site, a description of the contaminants involved and their concentrations in the media of the DSCA Site, a description of the intended future use of the DSCA Site, any proposed investigation and remediation, and a proposed Notice of Dry-Cleaning Solvent Remediation (NDCSR) prepared in accordance with N.C.G.S. Section 143-215.104M. The required components of the NOI are included in the attached Risk Management Plan, and are available during the public comment period on our website at:
https://deq.nc.gov/about/divisions/waste-management/superfund-section/special-remediation-branch/dsca-public-notices-announcements

The DSCA Program is providing a copy of the NOI to all local governments having jurisdiction over the DSCA Site. A 30-day public comment period is being held from <date>, until <date>. Written comments may be submitted to DEQ no later than <date>. Written requests for a public meeting may be submitted to DEQ no later than <date>. All such comments and requests should be sent to:

Al Chapman, DSCA Remediation Unit
Division of Waste Management, NCDEQ
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

A Summary of the NOI is being published in The Graham Star, copies are being sent to owners of property within and contiguous with the area of contamination, and a copy of the Summary will be conspicuously posted at the Site during the public comment period.

If you have any questions, please feel free to contact me at (919)707-8368.

Sincerely,

Al Chapman, DSCA Project Manager
Division of Waste Management, NCDEQ

Appendix G

Prior Notification and Approval for Future Site Development

ROY COOPER
Governor
ELIZABETH S. BISER
Secretary
MICHAEL SCOTT
Director

NORTH CAROLINA
Environmental Quality

August 10, 2022

DSCA Site DC10001 (Harden Cleaners) was certified into the Dry-Cleaning Solvent Cleanup Act (DSCA) Program on August 20, 2007. The source property is located at 220 West Harden Street in Graham, Alamance County, North Carolina. The "site" consists of the source property, where the former Harden Cleaners conducted dry-cleaning operations, and one adjacent property immediately to the east. Spilled or leaking dry-cleaning solvents from the former dry-cleaning operations have impacted the soil and groundwater on both properties.

Graham Presbyterian Church, the current owner of both impacted properties, filed a "Petition for Certification" with the DSCA Program on February 22, 2019. DSCA has since completed a risk-based environmental assessment of the former Harden Cleaners site. Following a complete Risk Assessment evaluation for the site, a Risk Management Plan (RMP) was prepared as the "remedy" for the residual contamination on the properties. It has been determined that the residual contamination does not pose an unacceptable exposure risk with proper land use controls applied to both properties.

Plans are being developed for a new community center building which will involve construction activities on both properties. The Land Use Restrictions (LURs) which have been proposed for the properties in the RMP require written notification to the Department of Environmental Quality (DEQ) and approval from DEQ prior to site redevelopment to ensure that the LURs remain valid. Also, for future redevelopment of properties with potential vapor intrusion issues, the property owner must demonstrate that the indoor air in the new structure does not pose an unacceptable risk to the occupants. This is typically demonstrated through the development and implementation of a Vapor Intrusion Mitigation Plan (VIMP) which incorporates a vapor intrusion mitigation system (VIMS) into the building design and construction.

This letter serves as an acknowledgment that the property owner has notified DEQ of their planned redevelopment activities and their intent to prepare a VIMP for the proposed building. The proposed construction and use of the building are acceptable, as long as the property owner, current or future, complies with the LURs and demonstrates to the satisfaction of DEQ that the indoor air in the structure does not pose an unacceptable risk to occupants.

The LURs prescribed in the Harden Cleaners RMP are to be recorded with the Alamance County Register of Deeds and must remain in place for the site to comply with the "No Further Action" decision. The owner of any portion of these properties is required to submit a notarized "Annual Certification of Land Use Restrictions" to the DEQ to certify that the LURs remain recorded with the Alamance County Register of Deeds and the LURs are being complied with.

North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200