

April 20, 2020

Mr. Al Chapman
North Carolina Department of Environmental Quality
Division of Waste Management, Superfund Section
Dry Cleaning Solvent Cleanup Program
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: Risk Management Plan
Dryclean Express
1117 Spring Lane
Sanford, Lee County, NC
DSCA ID No. DC530001
H&H Job No. DS0-04

Dear Al:

Hart & Hickman, PC (H&H) is pleased to provide the attached Risk Management Plan (RMP) for the Dryclean Express site located at 1117 Spring Lane in Sanford, North Carolina. A risk assessment conducted for the site indicates that contaminant concentrations at the site do not pose an unacceptable risk with appropriate land-use controls applied to the impacted properties. The primary purpose of this RMP is to ensure that the assumptions made in the risk assessment remain valid in the future. Based on the documentation outlined in this report, H&H recommends issuance of a No Further Action letter for the site.

Mr. Al Chapman
April 20, 2020
Page 2

#C-1269 Engineering
#245 Geology

H&H appreciates the opportunity to work with you on this project. Should you have any questions or need any additional information, please feel free to contact me.

Sincerely,
Hart & Hickman, PC

A handwritten signature in blue ink, appearing to read "Genna K. Olson", is placed over a light gray rectangular background.

Genna K. Olson, P.G.
Senior Project Manager

Enclosure: Risk Management Plan

Risk Management Plan

**Dryclean Express
1117 Spring Lane
Sanford, Lee County, NC
DSCA Site #DC530001**

**H&H Project No. DS0-04EE
April 20, 2020**

Prepared by:



**Genna K. Olson, PG
Principal Geologist**



**#C-1269 Engineering
#245 Geology**

**Risk Management Plan
Dryclean Express (DC530001)
Sanford, North Carolina
H&H Job No. DS0-04**

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**Risk Management Plan
Dryclean Express (DC530001)
Sanford, North Carolina
H&H Job No. DS0-04**

1.0 Introduction

Hart & Hickman, PC (H&H) has prepared this Risk Management Plan (RMP) to address dry-cleaning solvent contamination associated with the Dryclean Express site (DSCA Site DC530001) on behalf of the North Carolina Department of Environmental Quality (NCDEQ), Dry-cleaning Solvent Cleanup Act (DSCA) Program. The Dryclean Express active dry-cleaning facility is located at 1117 Spring Lane in Sanford, Lee County, North Carolina, as shown on Figure 1. Impacts associated with the Dryclean Express site (herein referred to as the “site”) are limited to the source property (where the dry-cleaning facility is located). The site is as follows:

Source Property – **Riverbirch Realty, LLC, 1015 Spring Lane, PIN 9643-01-0670-00, which encompasses the active drycleaning facility.**

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 Dryclean Express site indicated that tetrachloroethylene (PCE) and trichloroethylene (TCE) are present in soil at concentrations above unrestricted land-use standards and PCE, TCE, cis-1,2-dichloroethylene, vinyl chloride, and benzene are present in groundwater above Title 15A NCAC 2L .0202 Groundwater Standards (2L Standards). The impacts are limited to a portion of the source property. The source property is owned by Riverbirch Realty LLC and described as Parcel Identification Number 9643-01-0670-00. The source property is associated with a primary address of 1015 Spring Lane, Sanford, NC, but note that the address for the Dryclean Express facility is 1117 Spring Lane.

H&H completed a risk assessment for the site in accordance with the DSCA Program's risk assessment procedures in June 2019. The results of the risk assessment indicate that there are risks that exceed target risk levels. However, the risks will be managed using site-specific land-use conditions that have been selected as part of the 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 Approved Risk Assessment Report

Based on the presence of soil and groundwater 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 June 14, 2019, which recommended no further action status for the site with land-use controls for a portion of the source property.

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

- Exposure Unit #1 encompasses the dry-cleaning facility and five adjacent tenant spaces.
- Exposure Unit #2 encompasses the northwestern portion of the source property overlying the area of highest concentrations in groundwater.
- Exposure Unit #3 encompasses the remaining area of the groundwater plume on the source property.

The protection of groundwater use and surface water pathways were also evaluated during the risk assessment. The soil, groundwater, sub-slab/soil gas, and indoor air data used in the risk assessment are shown on Figures 3 through 8. The results of the risk assessment are described below.

Exposure Unit #1

Complete exposure pathways for contamination identified within Exposure Unit #1 include indoor inhalation of vapor emissions and soil exposure by a current or future non-residential worker, future resident, or construction worker. The indoor air inhalation pathway was evaluated using indoor air data for the current exposure scenario and sub-slab or soil gas data for the future exposure scenario. The soil exposure pathway was evaluated using soil data. For exposure point concentrations (EPCs), the maximum concentrations for each affected media considered conservatively representative of current conditions were used (soil, soil gas, and sub-slab gas data collected post-remediation; groundwater data collected within the past six years; and indoor air data collected after the dry-cleaner ceased use of PCE solvent). The exposure pathways were modeled using the NCDEQ Risk Calculator. The results of the risk evaluation for Exposure Unit #1 indicated unacceptable risk levels for a future resident for the indoor inhalation pathway. To address the residential vapor intrusion risk exceedance, a land-use control is recommended for the area of Exposure Unit #1 specifying that no activities that cause or create a vapor intrusion risk may occur without prior approval of NCDEQ. Also, because soil concentrations are present above unrestricted use levels, a land-use control is recommended for the area of impacted soil on the source property to address removal or disturbance of soil in the area where concentrations exceed unrestricted use levels. These land-use control areas are identified on Figures 9 through 11 as the “vapor intrusion control area” and the “soil disturbance control area”, respectively.

Exposure Unit #2

Complete exposure pathways identified for Exposure Unit #2 include indoor inhalation of vapor emissions from groundwater by a future resident and current or future non-residential worker. These exposure pathways were modeled for current and future exposure scenarios using maximum concentrations detected in soil gas and the NCDEQ Risk Calculator. The results of the risk evaluation for Exposure Unit #2 indicated exceedances of acceptable risk levels for a current or future resident. To address the residential vapor intrusion risk exceedance, a land-use control is recommended for the estimated area of exceedances specifying that no activities that cause or create a vapor intrusion risk may occur without prior approval of NCDEQ. This area is identified on Figures 9 through 11 as the “vapor intrusion control area”.

Exposure Unit #3

Complete exposure pathways identified for Exposure Unit #3 include indoor air inhalation of vapor emissions from groundwater by a future resident and current or future non-residential worker. These exposure pathways were modeled for current and future exposure scenarios using maximum concentrations detected in groundwater within the past six years and the NCDEQ Risk Calculator. The results of the risk evaluation did not indicate exceedances of acceptable risk levels. Therefore, the only land-use control recommended for the area of Exposure Unit #3 is a control preventing the use of groundwater, as discussed further in the protection of groundwater use pathway discussion below.

Protection of Groundwater Use

For the protection of groundwater use evaluation, H&H identified the nearest potential point of exposure (POE) as the closest downgradient property boundary where groundwater impacts have not been observed. The POE location is approximately 473 feet west-northwest of the soil and groundwater source areas as shown on Figure 2. Modeling under this scenario assumes that land-use controls preventing the use of groundwater will be implemented for the portion of the source property encompassing the groundwater plume. This area is identified on Figures 9 through 11 as the “groundwater use control area”.

The EPCs used for the groundwater source area were based on the monitoring wells with the highest concentrations detected at the site within the past six years. The EPCs used for the soil source area were based on the soil samples with the highest concentrations detected at the site post-remediation. For the dry-cleaning solvent constituents PCE and breakdown products, the EPCs are based on groundwater data for well MW-1 and soil data for boring B-52. Modeling was performed using the NCDEQ Risk Calculator.

Modeling results for the protection of groundwater use evaluation indicated exceedances of Site-Specific Target Levels (SSTLs) for source soil and source groundwater. However, as documented in the Groundwater Monitoring Report, dated September 15, 2017, groundwater monitoring data indicate that the plume is stable and does not migrate as far as the modeling projects. Additionally, some of the modeling inputs are conservative parameters, most notably rate of infiltration, that

may not be representative of current site conditions. The current land cover (i.e., the building) over the soil source area minimizes infiltration in the source area and leaching of contaminants from source soil. However, because rate of infiltration is a significant variable in the leaching of contamination from soil and subsequent migration in groundwater, it is possible that plume expansion could occur as indicated by the model in the event that site conditions were altered such that infiltration rates increased in the area of source contamination. Therefore, a land-use control is recommended to maintain the current surface cover to prevent an increase in infiltration in the area of impacted soil exceeding the SSTLs. This area is identified on Figures 9 through 11 as the “surface cover control area”.

Protection of Surface Water

For the protection of surface water use evaluation, the POE was determined to be Big Buffalo Creek located approximately 429 feet downgradient of the groundwater and soil source area. This tributary is classified as a Class C 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 exceedances of SSTLs for source groundwater. However, as documented in the September 15, 2017, Groundwater Monitoring Report, multiple surface water sampling events have been performed which indicated no detectable dry-cleaning solvent constituents in the downgradient surface water body. The surface water sampling data are considered more representative of site conditions than the modeling results. Therefore, based on the sampling data, the protection of surface water pathway is not considered a significant concern.

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 Components

4.1 Assessment Activities and Interim Actions

Dryclean Express began dry-cleaning operations in 1984 in a tenant space within the Riverbirch Corner Shopping Center. The Dryclean Express facility initially used PCE as dry-cleaning solvent, as well as TCE for spot cleaning. The facility ceased the use of TCE around July 2017. In March 2019, the facility switched from the use of PCE solvent to petroleum-based solvent for dry-cleaning.

In March 2007, Mid-Atlantic Associates, Inc. conducted due diligence activities at the facility to evaluate environmental concerns identified as part of property transaction activities. PCE impacts were initially detected in two soil borings located adjacent to the dry-cleaning machine. The property owner subsequently petitioned for entry of the site into the DSCA Program. The site was certified into the program on March 29, 2007. The DSCA Program performed assessment and remediation activities at the site from 2007 to 2019.

The initial assessment activities performed by the DSCA Program identified soil and groundwater impacted by PCE and associated breakdown products in the area of the dry-cleaner and downgradient to the west-northwest. A survey for water supply wells was performed which identified no active private or public water supply wells within 0.5 miles of the site. Surface water bodies identified in the site vicinity include Big Buffalo Creek transecting the west-northwest portion of the plume, a stormwater pond located directly east and upgradient of the dry-cleaning space, and an unnamed intermittent stream which extends from the pond to Big Buffalo Creek. Surface water samples were collected from these surface water bodies which indicated no detectable dry-cleaning related constituents.

Vapor intrusion sampling was initiated in the dry-cleaning tenant space and adjacent spaces in 2009. The results of the sampling indicated dry-cleaning solvent constituents in sub-slab gas and indoor air in the dry-cleaning tenant space and two adjacent tenant spaces at concentrations above the risk levels considered acceptable by the DSCA Program for non-residential land-use. Sub-slab

depressurization (SSD) systems were installed in these spaces in 2010 for vapor intrusion mitigation. A soil vapor extraction (SVE) system was also installed in these spaces in 2011 for soil remediation. The systems operated through 2017. Sub-slab gas and soil sampling performed during or after operation of the systems indicated significant reductions in concentrations in the area. However, concentrations of dry-cleaning solvent constituents in indoor air remained elevated and were attributed to emissions from the active PCE dry-cleaning operation. As previously mentioned, the Dryclean Express facility switched from use of PCE solvent to a petroleum-based solvent around March 2019. Indoor air sampling was subsequently performed in April 2019 which indicated no exceedances of the risk levels considered acceptable by the DSCA Program for residential or non-residential land-use. These data confirm that the dry-cleaner's switch to petroleum-based solvent combined with historical remediation activities were sufficient to mitigate historical exceedances of acceptable risk levels in indoor air.

H&H submitted a Risk Assessment report for the site on June 14, 2019. 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.

Periodic groundwater monitoring events were performed at the site from 2009 through 2017. Volatile organic compounds detected at concentrations above 2L Standards in groundwater at the site included PCE and its degradation products (TCE, cis-1,2-dichloroethylene, and vinyl chloride), benzene, 1,1,2-trichloroethane, 1,2-dichloroethane, and hexachlorobutadiene. 1,1,2-Trichloroethane, 1,2-dichloroethane, and hexachlorobutadiene were detected at concentrations

above 2L Standards during one sampling event in 2009 and were not detected at concentrations above 2L Standards during eight subsequent sampling events between 2009 and 2017. As such, these constituents are not considered constituents of concern (COCs) and were not included in the risk assessment or plume stability evaluation. Benzene was detected at a concentration slightly above the 2L Standard during only one sampling event in 2017. Due to the more recent date of the detection, benzene was included in the risk assessment evaluation; however, based on minimal detections, benzene is also not considered a COC and was not included in the plume stability evaluation. Based on evaluation of the data, the COCs associated with the dry-cleaning solvent release are PCE and its degradation products, specifically TCE, cis-1,2-dichloroethylene, and vinyl chloride. PCE and TCE have been detected at the highest concentrations and are the most widespread. Therefore, the plume stability analysis focused on these compounds.

The plume stability evaluation included performing a Mann-Kendall statistical analysis of the PCE and TCE groundwater data using the GSI Mann-Kendall Toolkit. Evaluation of data collected throughout the site history indicates increasing trends for PCE in downgradient well MW-18, as well as increasing trends for TCE in several monitoring wells (MW-1, MW-3, MW-5, and MW-12). However, as previously discussed, an SVE system operated at the site from May 2011 through December 2015 and resulted in substantial reductions in concentrations in the source area. Remediation of impacted groundwater due to operation of the SVE system has resulted in a reversal of increasing trends in many wells. Evaluation of data collected during most recent four sampling events indicates stable or "no trend" results for all monitoring wells using the Mann-Kendall Toolkit. For wells where "no trend" is reported, further review of the data indicates stable or decreasing concentrations for the key source area and downgradient monitoring wells. Based on the results of the evaluation, H&H concludes that the groundwater plume associated with the site is stable. Documentation of plume stability evaluation is included in Appendix A.

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.

Based on review of the EPCs with respect to analytical data considered representative of current conditions (soil, soil gas, and sub-slab gas data collected post-remediation; groundwater data

collected within the past six years; and indoor air data collected after the dry-cleaner ceased use of PCE solvent), 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 for a portion of the 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 dated March 2018 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 on the portions of the 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 Notice 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:

- No activities that encounter, expose, remove or use groundwater will occur on the source property without prior approval of NCDEQ in the area identified as “groundwater use control area” on Figures 9 through 11.
- No activities that disturb or remove soil will occur on the source property without prior approval of NCDEQ in the area identified as “soil disturbance control area” on Figures 9 through 11.
- No activities that cause or create a vapor intrusion risk will occur on the source property without prior approval of NCDEQ in the area identified as “vapor intrusion control area” on Figures 9 through 11.
- No activities that cause or create an increase in infiltration will occur on the source property without prior approval of NCDEQ in the area identified as “surface cover control area” on Figures 9 through 11.

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. The institutional controls are detailed in the NDCSR which is included in Appendix C. Refer to the NDCSR for the specific language to be incorporated to address the risk assessment assumptions detailed above. A plat showing the locations and types of dry-cleaning solvent contamination is included as an exhibit to the NDCSR. The locations of dry-cleaning solvent contamination are where contaminants have been detected above unrestrictive use standards.

7.0 Long-Term Stewardship Plan

The NDCSR contains a clause which requires the owner of the Dryclean Express source property 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 notice is included in Appendix D.

8.0 RMP Implementation Schedule

Since the groundwater plume is stable and possible exposure to the contamination is managed through the NDCSR, 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 E 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 NDCSR will be filed with the Lee County Register of Deeds and will complete the RMP schedule.

9.0 Criteria for Demonstrating RMP Success

The RMP will be successfully implemented once the required NDCSR has been executed and recorded with the Lee County Register of Deeds. The NDCSR for the 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 property owner as part of the NDCSR requirements.

10.0 Contingency Plan if RMP Fails

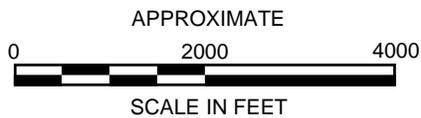
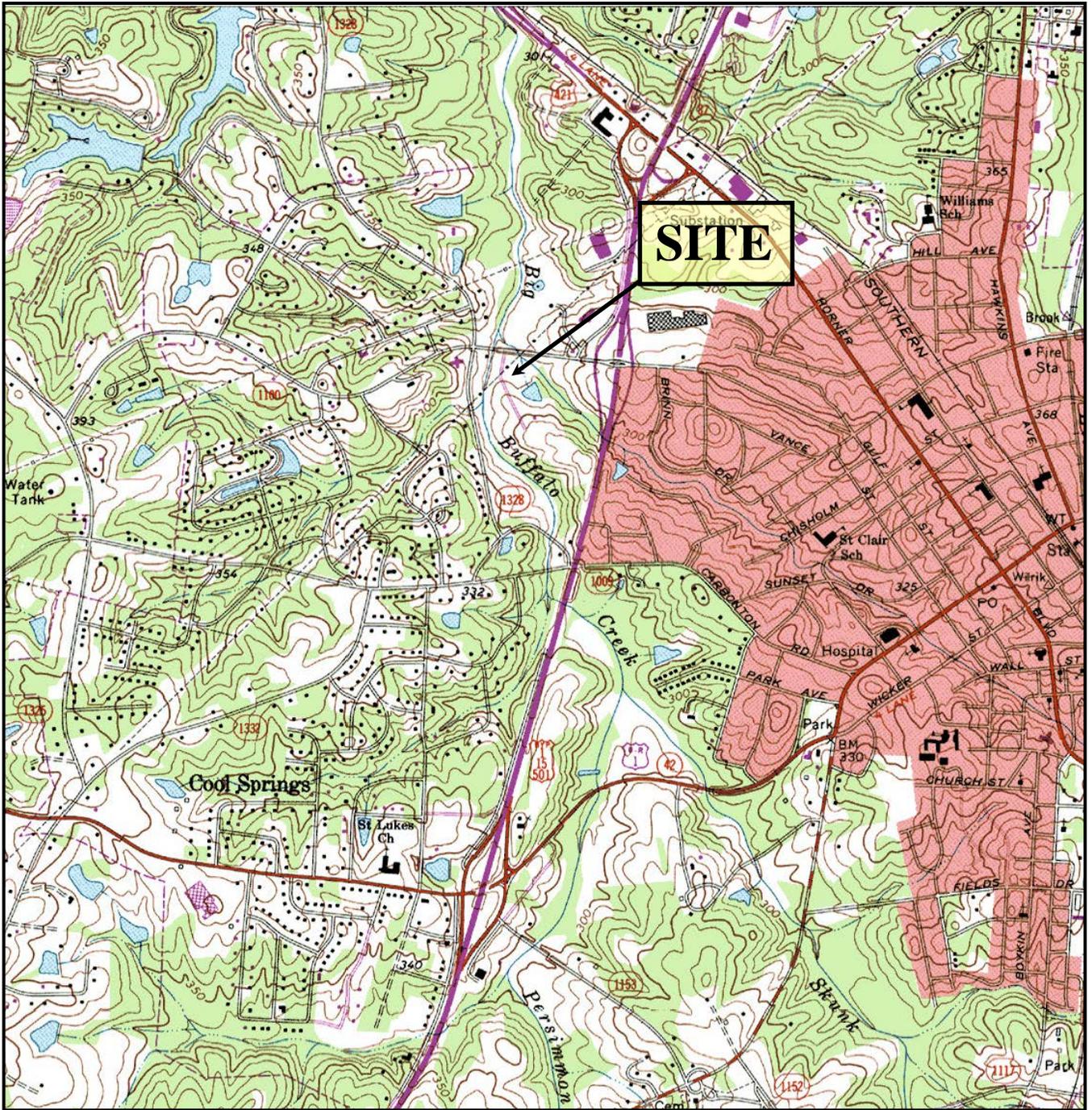
As discussed above, unless the DSCA Program is notified of a change in land-use conditions at the site, per the notification requirements detailed in this plan, the RMP will remain in effect until the RMP has met its objectives and is considered a success. Pursuant to N.C.G.S. 143-215.104K, if any of the LURs set out in the NDCSR are violated, the owner of the site 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 site 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 Dryclean Express site on behalf of the DSCA Program. The results of the risk assessment completed for the site indicated that there are risks that exceed applicable target levels on the source property. However, these risks will be managed using site-specific land-use conditions that have been selected as part of the risk assessment evaluation and have been detailed in this RMP. With these site-specific land-use conditions in place, the remaining contaminant concentrations at the site do not pose an unacceptable risk. The groundwater contaminant plume associated with the site appears to be stable or decreasing. 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



U.S.G.S. QUADRANGLE MAP

SANFORD, NORTH CAROLINA (1981)

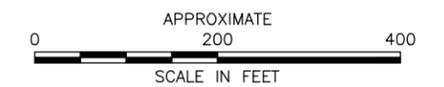
QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP	
PROJECT	DRYCLEAN EXPRESS DSCA ID: DC530001 1117 SPRING LANE SANFORD, NORTH CAROLINA	
	 SMARTER ENVIRONMENTAL SOLUTIONS	3921 Sunset Ridge Road, Ste 301 Raleigh, NC 27607 919.847.4241(p) 919.847.4261(f)
DATE:	7-15-19	REVISION NO: 0
JOB NO:	DS0-04	FIGURE NO: 1



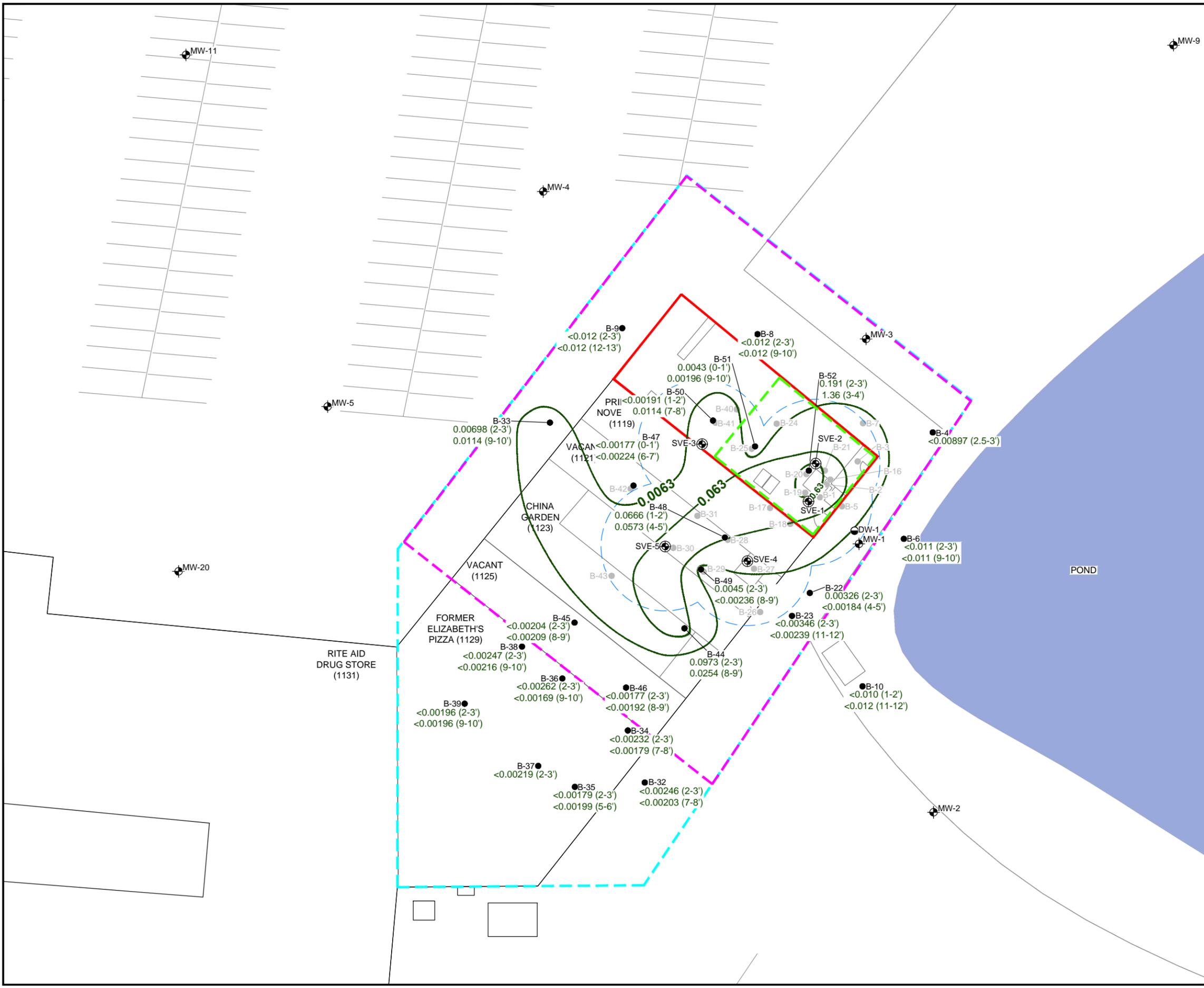
LEGEND

- SOURCE PROPERTY BOUNDARY
- DRYCLEAN EXPRESS FACILITY
- SURFACE WATER FEATURE
- ⊕ SHALLOW MONITORING WELL
- ⊙ DEEP MONITORING WELL
- ⊕ ABANDONED MONITORING WELL
- ▲ SURFACE WATER SAMPLE
- SOIL SOURCE AREA
- GROUNDWATER SOURCE AREA
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- EXPOSURE UNIT #3
- ⊕ PROTECTION OF SURFACE WATER POE
- ⊕ PROTECTION OF GROUNDWATER POE



TITLE	RISK ASSESSMENT EXPOSURE UNITS		
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY		
	 <small>SMARTER ENVIRONMENTAL SOLUTIONS</small>	<small>2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f) License # C-1269 / #C-245 Geology</small>	
DATE: 4-7-20	REVISION NO. 0		
JOB NO. DS0-04	FIGURE NO. 2		

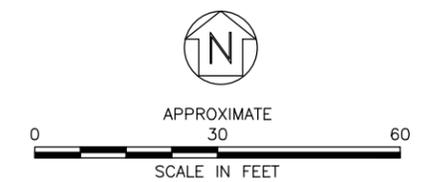
S:\AAA-Master Projects\DSCA - DS0\DS0-04 Dryclean Express\Reports\2019-10 RMP\Figures\DC530001_20200407_Site Map.dwg, FIG 2, 4/7/2020 9:22:10 PM, S\vincent



LEGEND

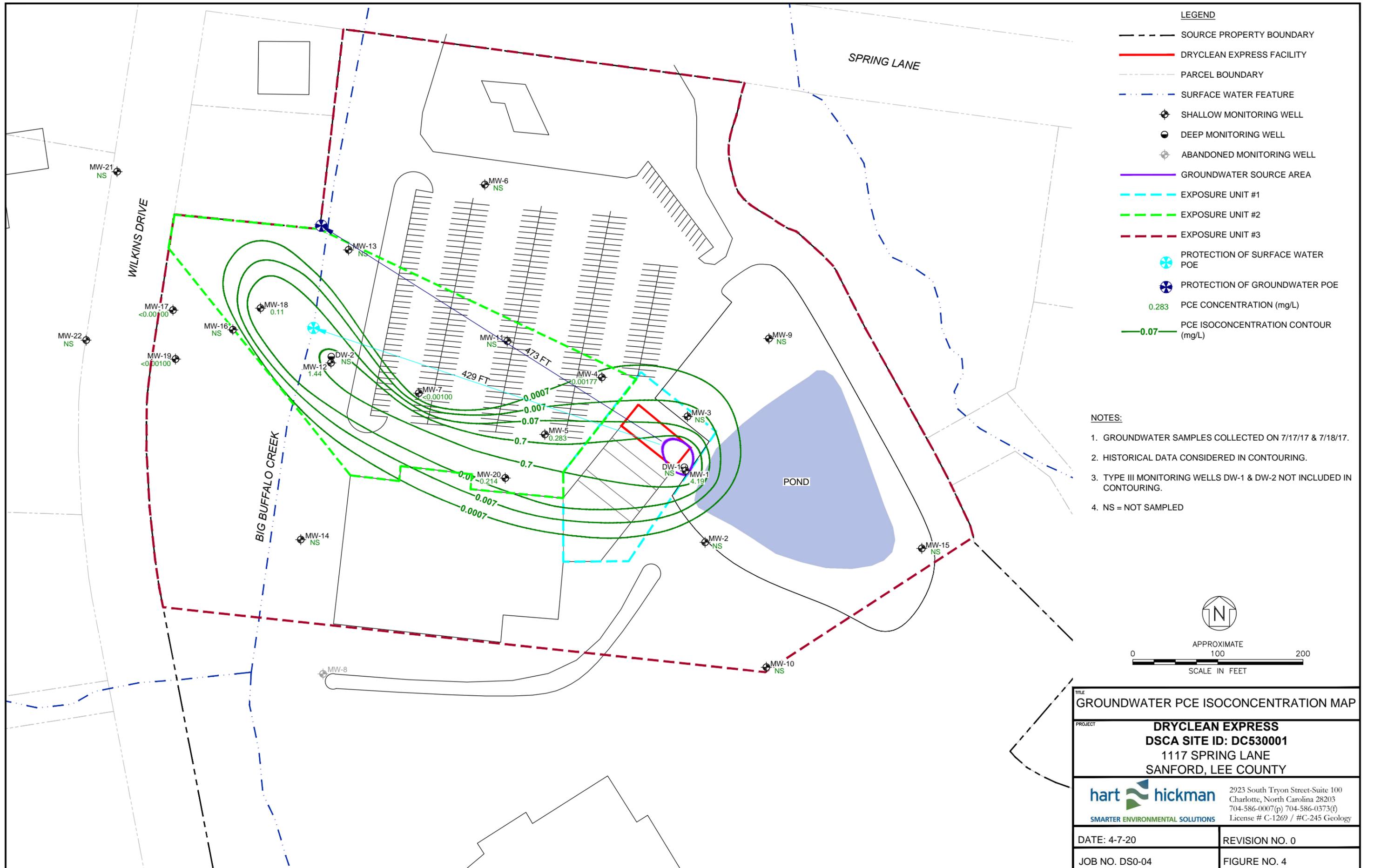
- DRYCLEAN EXPRESS FACILITY
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- SOIL BORING
- SVE WELL
- <0.00262 (2-3') PCE CONCENTRATION (mg/kg) (FT BGS)
- **0.063** PCE ISOCONCENTRATION CONTOUR (mg/kg) (DASHED WHERE INFERRED)
- EXPOSURE UNIT #1
- SOIL DISTURBANCE & VAPOR INTRUSION CONTROL AREA
- SURFACE COVER CONTROL AREA
- SVE AREA OF INFLUENCE

- NOTES:**
- SOIL BORINGS B-1 THROUGH B-4 WERE COLLECTED IN MARCH 2007; B-5 THROUGH B-10 & B-16 IN OCTOBER 2007; B-17 THROUGH B-21 IN JULY 2009; B-22 THROUGH B-31 IN NOVEMBER 2009; B-32 THROUGH B-40 IN JANUARY 2010; B-41 THROUGH B-46 IN MARCH 2010; & B-47 THROUGH B-52 IN JANUARY 2014.
 - SAMPLES SHOWN IN GRAY COLLECTED INSIDE SVE AREA OF INFLUENCE PRIOR TO SVE SYSTEM OPERATION. DATA FOR THESE SAMPLES ARE NOT SHOWN.
 - PCE PROTECTION OF GROUNDWATER PRELIMINARY SOIL REMEDIATION GOAL (PSRG) = 0.0063 mg/kg.
 - FIGURE DOES NOT SHOW CONCENTRATIONS OF PCE BREAKDOWN PRODUCTS. HOWEVER, THE AREA OF THE PSRG EXCEEDANCES FOR THE PCE BREAKDOWN PRODUCTS IS ENCOMPASSED BY THE AREA OF PSRG EXCEEDANCES FOR PCE.



TITLE SOIL CONCENTRATION MAP	
PROJECT DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
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: 4-7-20	REVISION NO. 0
JOB NO. DS0-04	FIGURE NO. 3

S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407_Soil.dwg, FIG 3, 4/7/2020 9:14:55 PM, SVincen

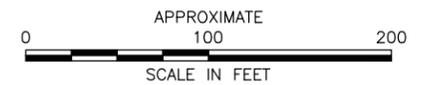


LEGEND

- SOURCE PROPERTY BOUNDARY
- DRYCLEAN EXPRESS FACILITY
- PARCEL BOUNDARY
- - - SURFACE WATER FEATURE
- ⊕ SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- ⊕ ABANDONED MONITORING WELL
- GROUNDWATER SOURCE AREA
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- EXPOSURE UNIT #3
- ⊕ PROTECTION OF SURFACE WATER POE
- ⊕ PROTECTION OF GROUNDWATER POE
- 0.283 PCE CONCENTRATION (mg/L)
- 0.07 PCE ISOCONCENTRATION CONTOUR (mg/L)

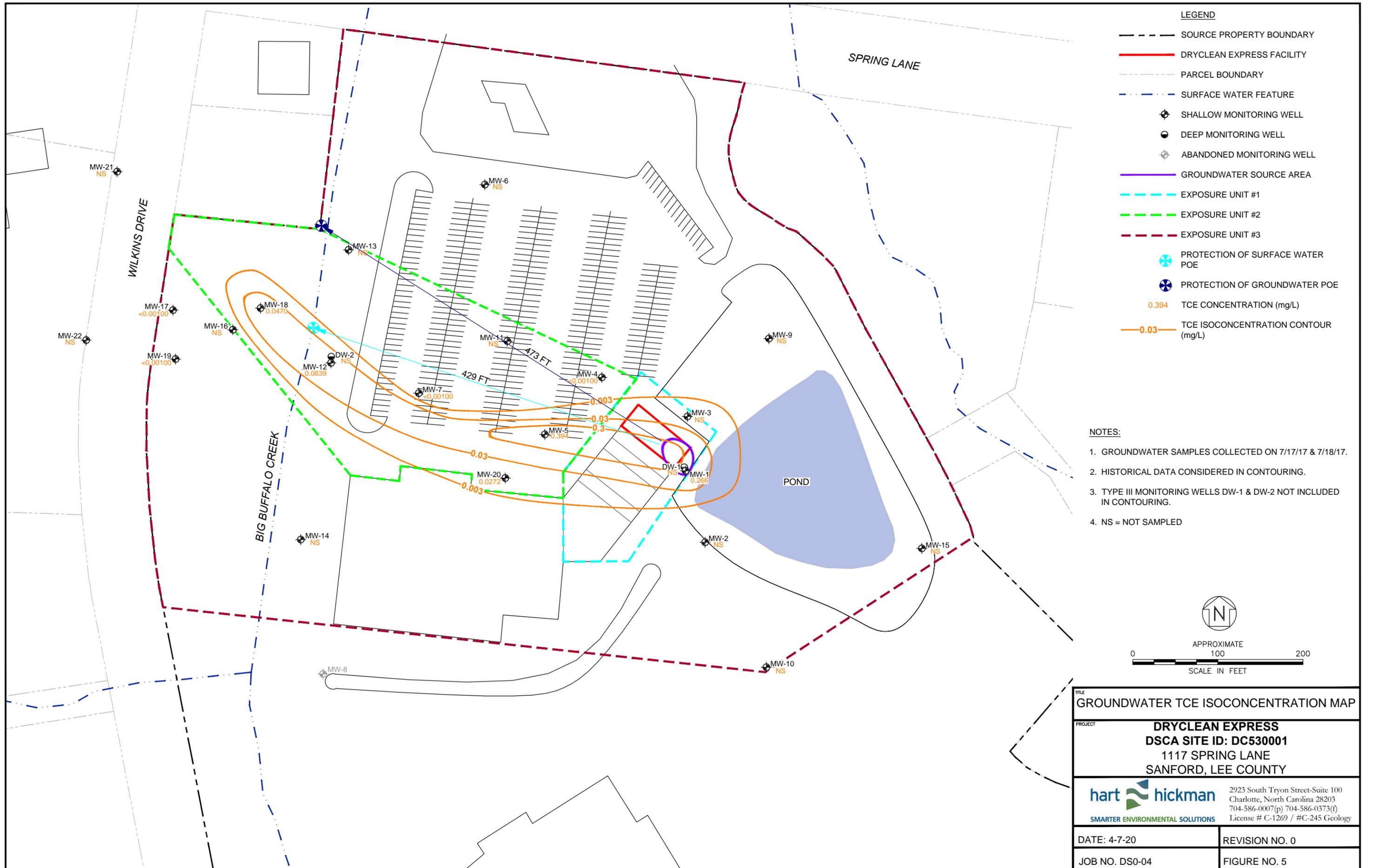
NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON 7/17/17 & 7/18/17.
2. HISTORICAL DATA CONSIDERED IN CONTOURING.
3. TYPE III MONITORING WELLS DW-1 & DW-2 NOT INCLUDED IN CONTOURING.
4. NS = NOT SAMPLED

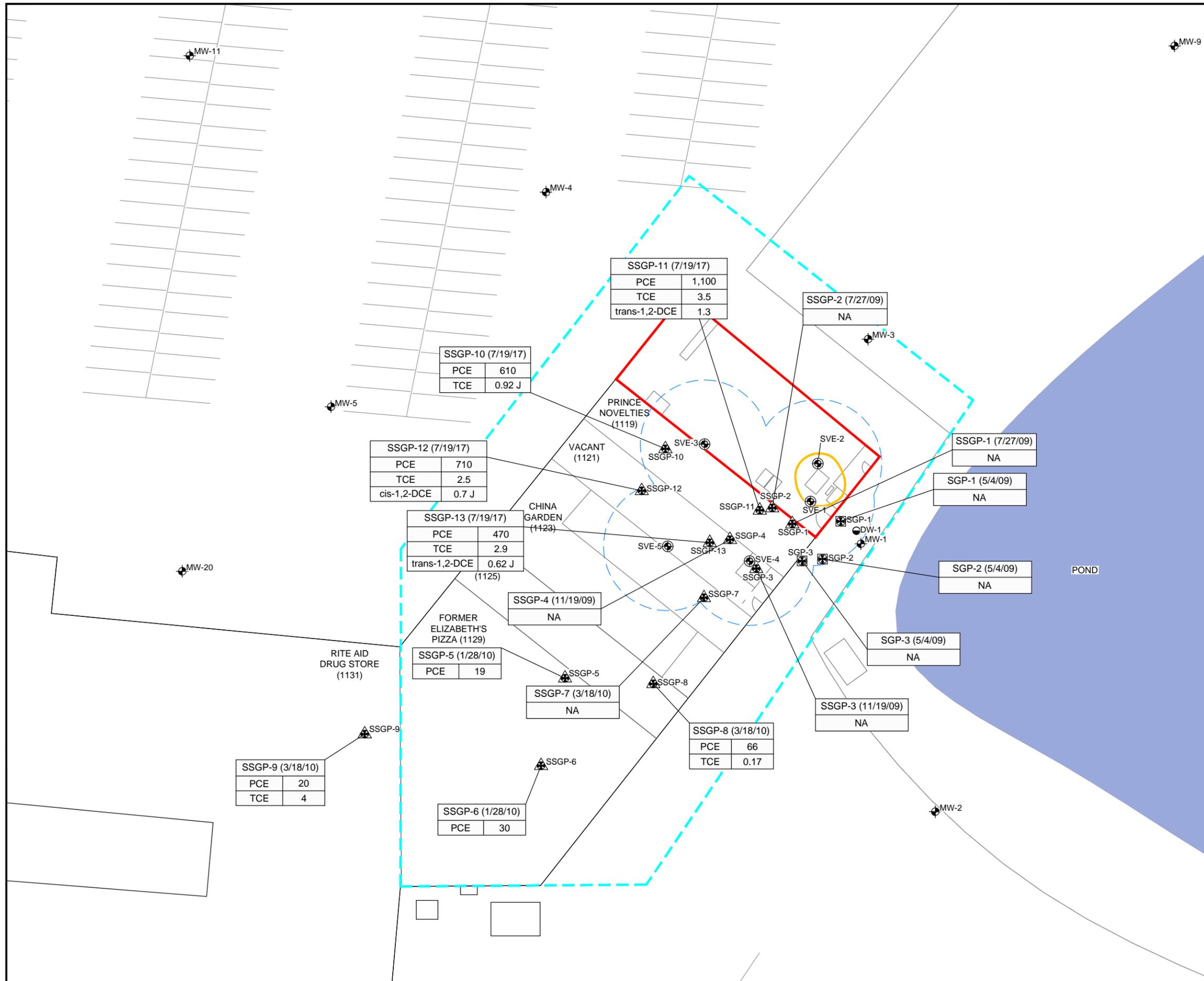


TITLE GROUNDWATER PCE ISOCONCENTRATION MAP	
PROJECT DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
 2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f) License # C-1269 / #C-245 Geology	
DATE: 4-7-20	REVISION NO. 0
JOB NO. DS0-04	FIGURE NO. 4

S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407.dwg, FIG 4, 4/7/2020 9:16:27 PM, S\Vincent



S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407.dwg, FIG 5, 4/7/2020 9:17:04 PM, S\Vincent



LEGEND

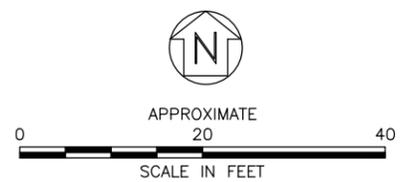
- DRYCLEAN EXPRESS FACILITY
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- SVE WELL
- SUB-SLAB GAS SAMPLE (SSGP)
- SOIL GAS SAMPLE (SGP)
- SOIL SOURCE AREA
- - - EXPOSURE UNIT #1
- - - SVE AREA OF INFLUENCE

SAMPLE ID & DATE

SSGP-8 (3/18/10)	
PCE	66
TCE	0.17

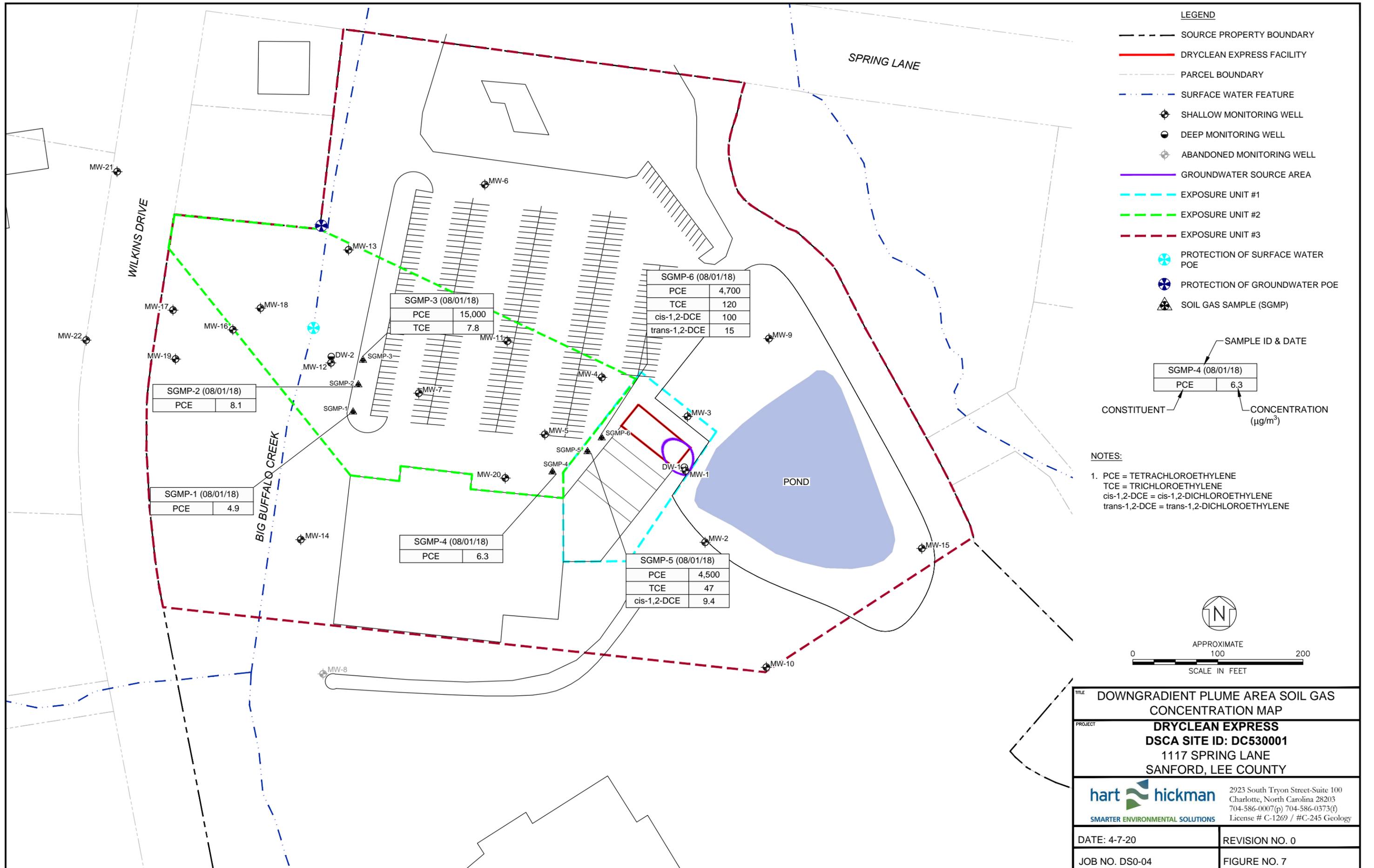
CONSTITUENT → → CONCENTRATION (µg/m³)

- NOTES:**
- PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
DCE = DICHLOROETHYLENE
 - NA = NOT APPLICABLE; SAMPLE COLLECTED INSIDE SVE AREA OF INFLUENCE PRIOR TO SVE SYSTEM OPERATION & THEREFORE NOT CONSIDERED REPRESENTATIVE OF CURRENT CONDITIONS.
 - J FLAG INDICATES CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT & METHOD DETECTION LIMIT.



TITLE	SOURCE AREA SUB-SLAB & SOIL GAS CONCENTRATION MAP		
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY		
		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: 4-7-20	REVISION NO. 0		
JOB NO. DS0-04	FIGURE NO. 6		

S:\AAA-Master Projects\Projects\DS0-04 Dryclean Express\Reports\2019-10_RMP\Figures\DC530001_20200407_Soil.dwg, FIG. 6, 4/7/2020 9:12:11 PM, S\vincent



LEGEND

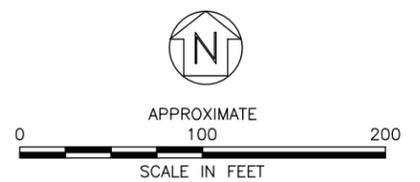
- SOURCE PROPERTY BOUNDARY
- DRYCLEAN EXPRESS FACILITY
- PARCEL BOUNDARY
- SURFACE WATER FEATURE
- ⊕ SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- ⊕ ABANDONED MONITORING WELL
- GROUNDWATER SOURCE AREA
- EXPOSURE UNIT #1
- EXPOSURE UNIT #2
- EXPOSURE UNIT #3
- ⊕ PROTECTION OF SURFACE WATER POE
- ⊕ PROTECTION OF GROUNDWATER POE
- ▲ SOIL GAS SAMPLE (SGMP)

SAMPLE ID & DATE

SGMP-4 (08/01/18)	
PCE	6.3

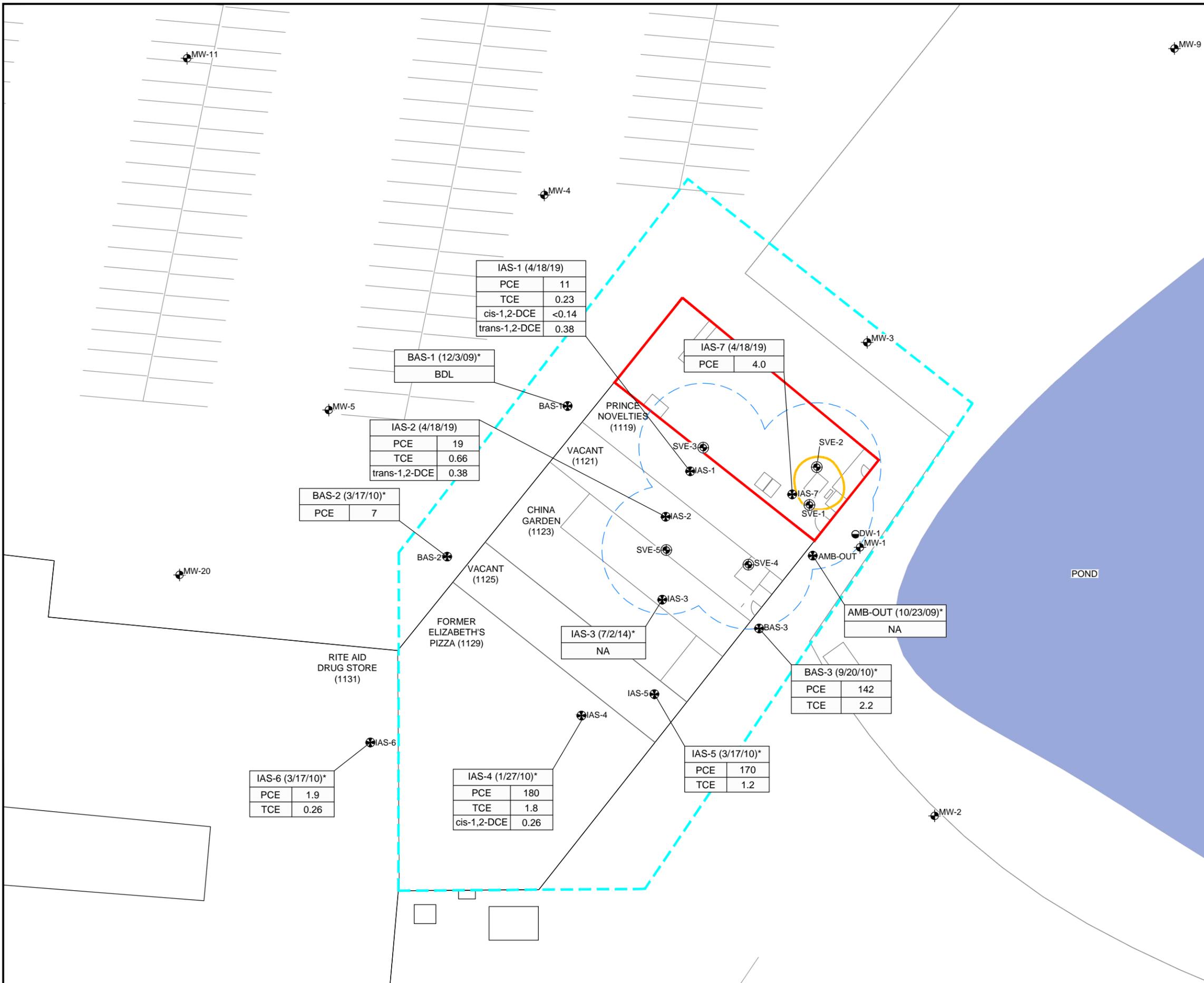
CONSTITUENT CONCENTRATION (µg/m³)

- NOTES:**
- PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
cis-1,2-DCE = cis-1,2-DICHLOROETHYLENE
trans-1,2-DCE = trans-1,2-DICHLOROETHYLENE



TITLE	DOWNGRADE PLUME AREA SOIL GAS CONCENTRATION MAP	
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
		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:	4-7-20	REVISION NO. 0
JOB NO.	DS0-04	FIGURE NO. 7

S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407.dwg, FIG 7, 4/9/2020 11:06:21 AM, S\vincent



LEGEND

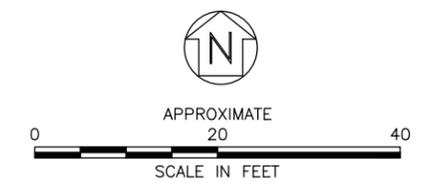
- DRYCLEAN EXPRESS FACILITY
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- SVE WELL
- AMBIENT AIR SAMPLE
- SOIL SOURCE AREA
- - - EXPOSURE UNIT #1
- - - SVE AREA OF INFLUENCE

SAMPLE ID & DATE

IAS-2 (4/18/19)	
PCE	19
TCE	0.66
trans-1,2-DCE	0.38

CONSTITUENT → ← CONCENTRATION (µg/m³)

- NOTES:**
- PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
DCE = DICHLOROETHYLENE
 - NA = NOT APPLICABLE; SAMPLE COLLECTED INSIDE SVE AREA OF INFLUENCE PRIOR TO SVE SYSTEM OPERATION & THEREFORE NOT CONSIDERED REPRESENTATIVE OF CURRENT CONDITIONS.
 - BDL = ALL CONSTITUENTS BELOW LABORATORY REPORTING LIMITS.
 - J FLAG INDICATES CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT & METHOD DETECTION LIMIT.
 - DATA BOXES SHOW THE LATEST SAMPLING RESULTS AT EACH LOCATION.
 - * = SAMPLE COLLECTED WHILE DRY-CLEANER WAS OPERATIONAL USING PCE SOLVENT.



IAS-1 (4/18/19)	
PCE	11
TCE	0.23
cis-1,2-DCE	<0.14
trans-1,2-DCE	0.38

BAS-1 (12/3/09)*	
BDL	

IAS-7 (4/18/19)	
PCE	4.0

IAS-2 (4/18/19)	
PCE	19
TCE	0.66
trans-1,2-DCE	0.38

BAS-2 (3/17/10)*	
PCE	7

IAS-3 (7/2/14)*	
NA	

BAS-3 (9/20/10)*	
PCE	142
TCE	2.2

IAS-6 (3/17/10)*	
PCE	1.9
TCE	0.26

IAS-4 (1/27/10)*	
PCE	180
TCE	1.8
cis-1,2-DCE	0.26

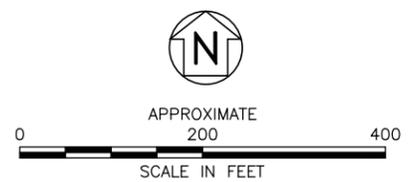
IAS-5 (3/17/10)*	
PCE	170
TCE	1.2

TITLE	INDOOR AIR CONCENTRATION MAP	
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
		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: 4-7-20	REVISION NO. 0	
JOB NO. DS0-04	FIGURE NO. 8	

S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407_Soil.dwg, FIG. 8, 4/7/2020 9:11:17 PM, S\Vincent

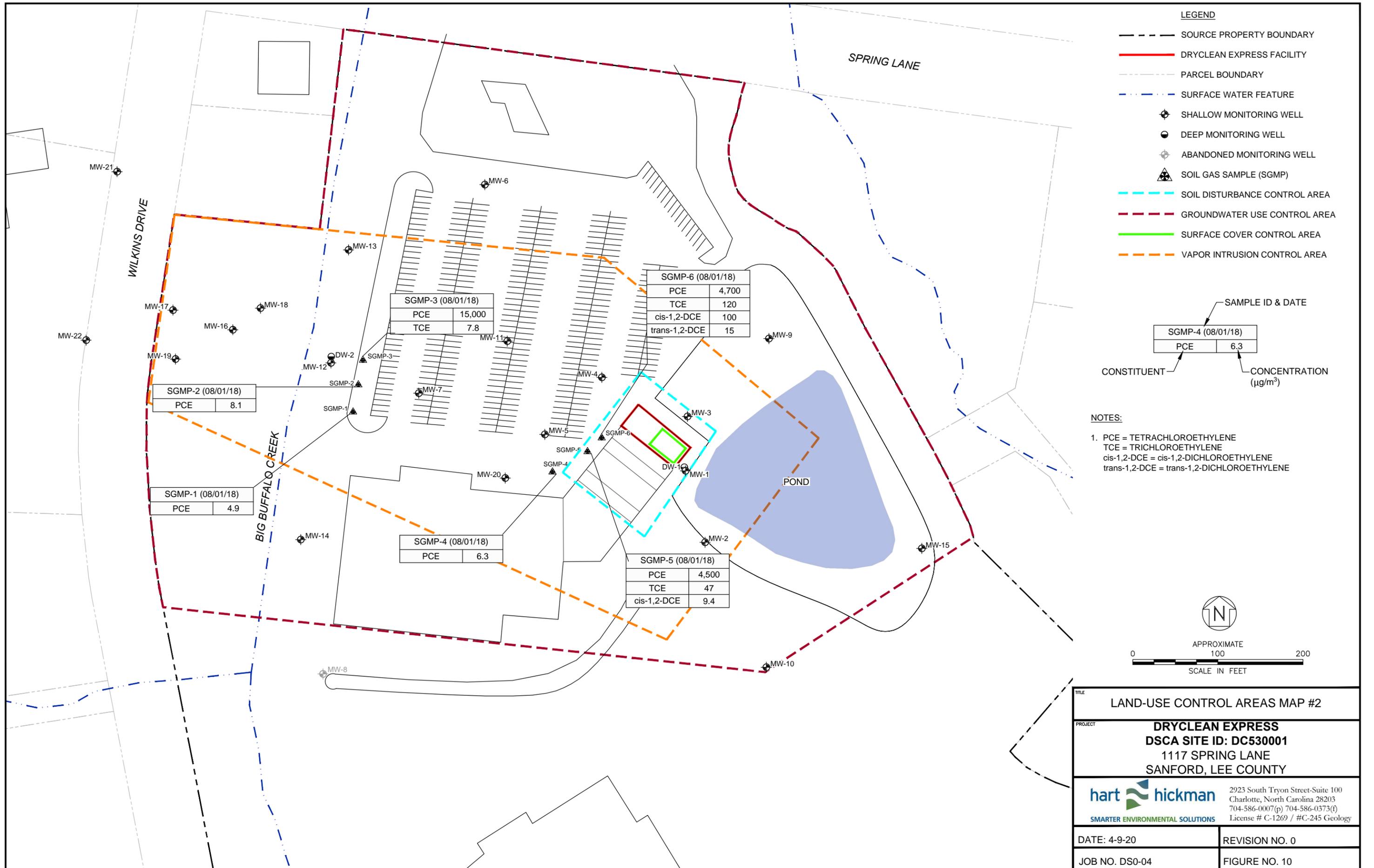


- LEGEND**
- SOURCE PROPERTY BOUNDARY
 - DRYCLEAN EXPRESS FACILITY
 - - - SURFACE WATER FEATURE
 - ⊕ SHALLOW MONITORING WELL
 - ⊙ DEEP MONITORING WELL
 - ⊕ ABANDONED MONITORING WELL
 - ▲ SURFACE WATER SAMPLE
 - - - SOIL DISTURBANCE & VAPOR INTRUSION CONTROL AREA
 - GROUNDWATER USE CONTROL AREA
 - SURFACE COVER CONTROL AREA
 - - - VAPOR INTRUSION CONTROL AREA



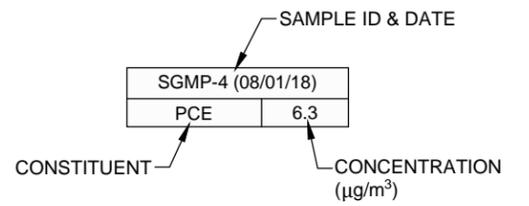
TITLE	LAND-USE CONTROL AREAS MAP	
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
	 SMARTER ENVIRONMENTAL SOLUTIONS	2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f) License # C-1269 / #C-245 Geology
DATE: 4-7-20	REVISION NO. 0	
JOB NO. DS0-04	FIGURE NO. 9	

S:\AAA-Master Projects\DSCA - DS0\DS0-04 Dryclean Express\Reports\2019-10 RMP\Figures\DC530001_20200407_Site Map.dwg, FIG 9, 4/7/2020 9:23:01 PM, S\vincent



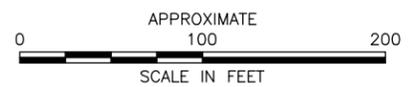
LEGEND

- SOURCE PROPERTY BOUNDARY
- DRYCLEAN EXPRESS FACILITY
- PARCEL BOUNDARY
- SURFACE WATER FEATURE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- ABANDONED MONITORING WELL
- ▲ SOIL GAS SAMPLE (SGMP)
- SOIL DISTURBANCE CONTROL AREA
- GROUNDWATER USE CONTROL AREA
- SURFACE COVER CONTROL AREA
- VAPOR INTRUSION CONTROL AREA



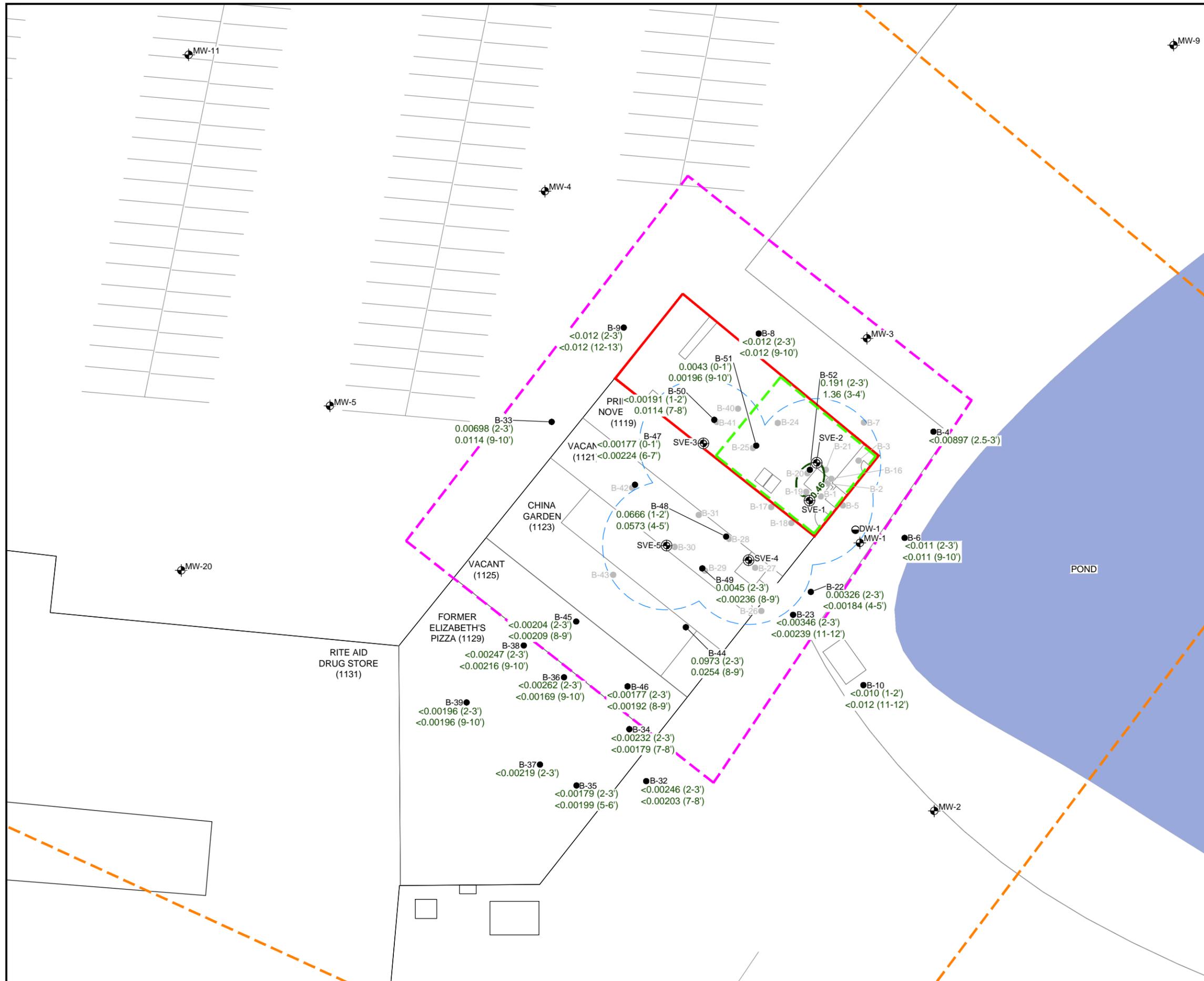
NOTES:

- PCE = TETRACHLOROETHYLENE
 TCE = TRICHLOROETHYLENE
 cis-1,2-DCE = cis-1,2-DICHLOROETHYLENE
 trans-1,2-DCE = trans-1,2-DICHLOROETHYLENE



TITLE	LAND-USE CONTROL AREAS MAP #2	
PROJECT	DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
		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:	4-9-20	REVISION NO. 0
JOB NO.	DS0-04	FIGURE NO. 10

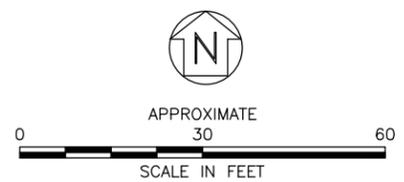
S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407.dwg, FIG 10, 4/9/2020 11:06:46 AM, S\vincent



LEGEND

- DRYCLEAN EXPRESS FACILITY
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- SOIL BORING
- SVE WELL
- <0.00262 (2-3') PCE CONCENTRATION (mg/kg) (FT BGS)
- **0.46** PCE ISOCONCENTRATION CONTOUR FOR PROTECTION OF GROUNDWATER SSTL (mg/kg) (DASHED WHERE INFERRED)
- - - SOIL DISTURBANCE CONTROL AREA
- - - SURFACE COVER CONTROL AREA
- - - SVE AREA OF INFLUENCE
- - - VAPOR INTRUSION CONTROL AREA

- NOTES:**
- SOIL BORINGS B-1 THROUGH B-4 WERE COLLECTED IN MARCH 2007; B-5 THROUGH B-10 & B-16 IN OCTOBER 2007; B-17 THROUGH B-21 IN JULY 2009; B-22 THROUGH B-31 IN NOVEMBER 2009; B-32 THROUGH B-40 IN JANUARY 2010; B-41 THROUGH B-46 IN MARCH 2010; & B-47 THROUGH B-52 IN JANUARY 2014.
 - SAMPLES SHOWN IN GRAY COLLECTED INSIDE SVE AREA OF INFLUENCE PRIOR TO SVE SYSTEM OPERATION. DATA FOR THESE SAMPLES ARE NOT SHOWN.
 - PCE PROTECTION OF GROUNDWATER SITE-SPECIFIC TARGET LEVEL (SSTL) = 0.46 mg/kg
TCE PROTECTION OF GROUNDWATER PSRG = 1.6 mg/kg
 - NOTE THAT FIGURE DOES NOT SHOW TCE CONCENTRATIONS. HOWEVER, AREA OF TCE SSTL EXCEEDANCES IS LIMITED TO BORING B-58, WHICH IS CONTAINED WITHIN THE AREA OF PCE SSTL EXCEEDANCES.



TITLE LAND-USE CONTROL AREAS MAP #3	
PROJECT DRYCLEAN EXPRESS DSCA SITE ID: DC530001 1117 SPRING LANE SANFORD, LEE COUNTY	
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: 4-7-20	REVISION NO. 0
JOB NO. DS0-04	FIGURE NO. 11

S:\AAA-Master Projects\DS0-04 Dryclean Express\Reports\2019-10-RMP\Figures\DC530001_20200407_Soil.dwg, FIG 10, 4/7/2020 9:14:14 PM, S\Vincent

Appendix A
Documentation of Plume Stability Evaluation

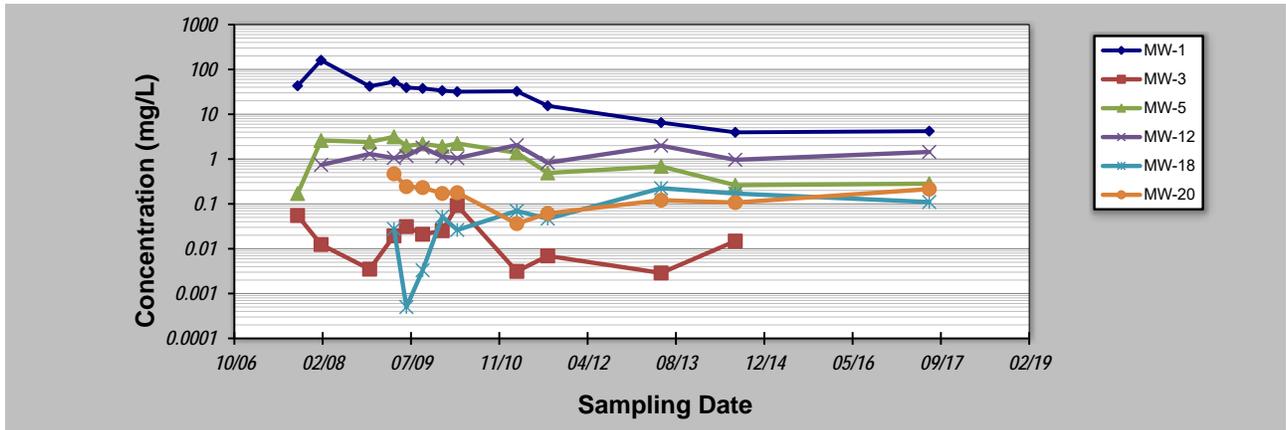
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **7-Sep-17**
 Facility Name: **Dryclean Express**
 Conducted By: **Hart & Hickman, PC**

Job ID: **DC530001**
 Constituent: **PCE - All events**
 Concentration Units: **mg/L**

Sampling Point ID: **MW-1** **MW-3** **MW-5** **MW-12** **MW-18** **MW-20**

Sampling Event	Sampling Date	PCE - ALL EVENTS CONCENTRATION (mg/L)					
1	3-Oct-07	43	0.055	0.17			
2	13-Feb-08	160	0.0124	2.6	0.74		
3	14-Nov-08	42	0.0035	2.4	1.3		
4	1-Apr-09	53.2	0.0194	3.14	1.06	0.0276	0.468
5	10-Jun-09	39.3	0.0311	1.96	1.17	0.0005	0.243
6	10-Sep-09	37.6	0.021	2.18	1.8	0.00331	0.231
7	30-Dec-09	33.6	0.0252	1.91	1.14	0.0519	0.171
8	25-Mar-10	31.8	0.0919	2.23	1.05	0.0262	0.178
9	25-Feb-11	32.5	0.00312	1.38	2.05	0.0697	0.0363
10	19-Aug-11	15.4	0.00692	0.49	0.826	0.0467	0.0613
11	22-May-13	6.51	0.00288	0.687	1.99	0.224	0.121
12	16-Jul-14	3.95	0.0148	0.262	0.964	0.17	0.107
13	18-Jul-17	4.19		0.283	1.44	0.11	0.214
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		1.03	1.09	0.68	0.34	1.01	0.67
Mann-Kendall Statistic (S):		-68	-14	-38	8	27	-21
Confidence Factor:		>99.9%	81.0%	98.9%	68.1%	99.2%	96.4%
Concentration Trend:		Decreasing	No Trend	Decreasing	No Trend	Increasing	Decreasing



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- 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.
- 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.

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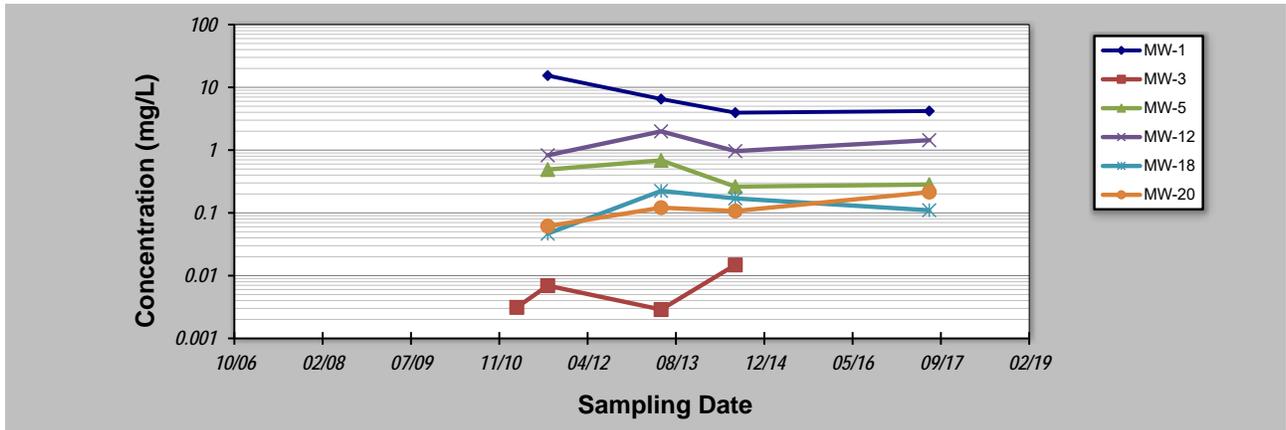
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **7-Sep-17**
 Facility Name: **Dryclean Express**
 Conducted By: **Hart & Hickman, PC**

Job ID: **DC530001**
 Constituent: **PCE - Four latest events**
 Concentration Units: **mg/L**

Sampling Point ID: **MW-1** **MW-3** **MW-5** **MW-12** **MW-18** **MW-20**

Sampling Event	Sampling Date	PCE - FOUR LATEST EVENTS CONCENTRATION (mg/L)					
1	3-Oct-07						
2	13-Feb-08						
3	14-Nov-08						
4	1-Apr-09						
5	10-Jun-09						
6	10-Sep-09						
7	30-Dec-09						
8	25-Mar-10						
9	25-Feb-11		0.00312				
10	19-Aug-11	15.4	0.00692	0.49	0.826	0.0467	0.0613
11	22-May-13	6.51	0.00288	0.687	1.99	0.224	0.121
12	16-Jul-14	3.95	0.0148	0.262	0.964	0.17	0.107
13	18-Jul-17	4.19		0.283	1.44	0.11	0.214
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.72	0.80	0.46	0.40	0.56	0.51
Mann-Kendall Statistic (S):		-4	2	-2	2	0	4
Confidence Factor:		83.3%	62.5%	62.5%	62.5%	37.5%	83.3%
Concentration Trend:		Stable	No Trend	Stable	No Trend	Stable	No Trend



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- 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.
- 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.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

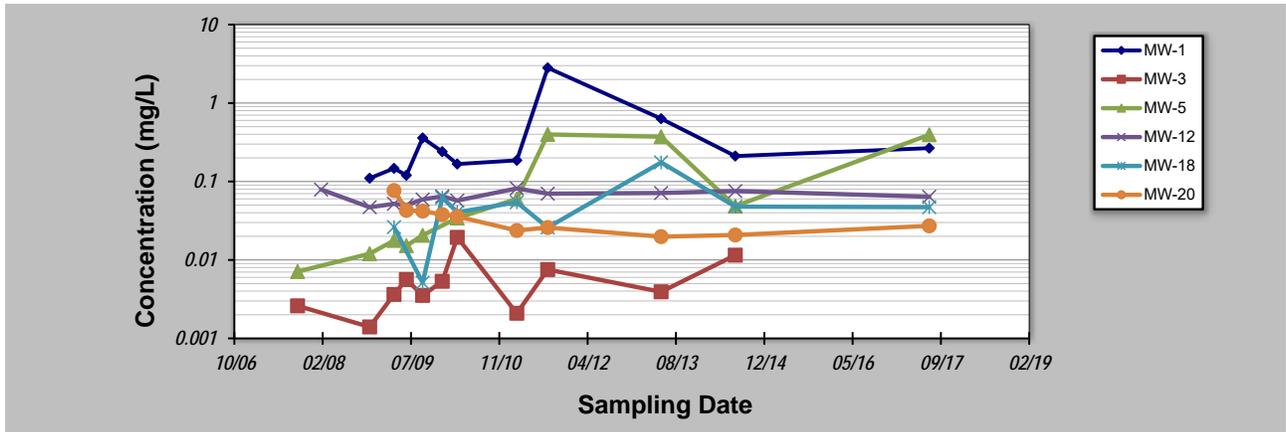
Evaluation Date: **7-Sep-17**
 Facility Name: **Dryclean Express**
 Conducted By: **Hart & Hickman, PC**

Job ID: **DC530001**
 Constituent: **TCE - All events**
 Concentration Units: **mg/L**

Sampling Point ID: **MW-1** **MW-3** **MW-5** **MW-12** **MW-18** **MW-20**

Sampling Event	Sampling Date	TCE - ALL EVENTS CONCENTRATION (mg/L)					
1	3-Oct-07		0.0026	0.0071			
2	13-Feb-08				0.079		
3	14-Nov-08	0.11	0.0014	0.012	0.047		
4	1-Apr-09	0.147	0.00363	0.0177	0.0519	0.0262	0.0767
5	10-Jun-09	0.12	0.00562	0.0152	0.05		0.0428
6	10-Sep-09	0.359	0.00353	0.0206	0.059	0.00513	0.0419
7	30-Dec-09	0.24	0.00534	0.0366	0.0646	0.0623	0.0379
8	25-Mar-10	0.167	0.0194	0.0342	0.0571	0.0406	0.0358
9	25-Feb-11	0.186	0.00209	0.0599	0.0816	0.0543	0.0237
10	19-Aug-11	2.81	0.00754	0.398	0.0699	0.0259	0.0259
11	22-May-13	0.631	0.00392	0.372	0.0713	0.175	0.0198
12	16-Jul-14	0.211	0.0115	0.0485	0.0755	0.0478	0.0208
13	18-Jul-17	0.266		0.394	0.0639	0.047	0.0272
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	1.65	0.87	1.35	0.18	0.90	0.48
Mann-Kendall Statistic (S):	27	23	42	24	8	-33
Confidence Factor:	98.0%	95.7%	>99.9%	94.2%	76.2%	99.9%
Concentration Trend:	Increasing	Increasing	Increasing	Prob. Increasing	No Trend	Decreasing



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- 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.
- 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.

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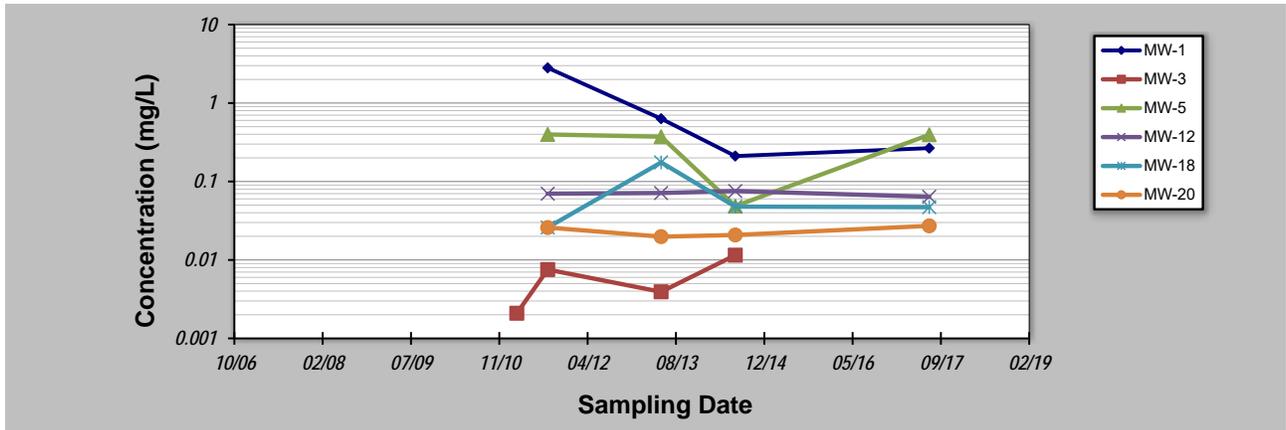
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **7-Sep-17**
 Facility Name: **Dryclean Express**
 Conducted By: **Hart & Hickman, PC**

Job ID: **DC530001**
 Constituent: **TCE - Four most recent events**
 Concentration Units: **mg/L**

Sampling Point ID: **MW-1** **MW-3** **MW-5** **MW-12** **MW-18** **MW-20**

Sampling Event	Sampling Date	TCE - FOUR MOST RECENT EVENTS CONCENTRATION (mg/L)					
1	3-Oct-07						
2	13-Feb-08						
3	14-Nov-08						
4	1-Apr-09						
5	10-Jun-09						
6	10-Sep-09						
7	30-Dec-09						
8	25-Mar-10						
9	25-Feb-11		0.00209				
10	19-Aug-11	2.81	0.00754	0.398	0.0699	0.0259	0.0259
11	22-May-13	0.631	0.00392	0.372	0.0713	0.175	0.0198
12	16-Jul-14	0.211	0.0115	0.0485	0.0755	0.0478	0.0208
13	18-Jul-17	0.266		0.394	0.0639	0.047	0.0272
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		1.26	0.66	0.56	0.07	0.92	0.16
Mann-Kendall Statistic (S):		-4	4	-2	0	0	2
Confidence Factor:		83.3%	83.3%	62.5%	37.5%	37.5%	62.5%
Concentration Trend:		No Trend	No Trend	Stable	Stable	Stable	No Trend



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- 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.
- 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.

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Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
B-5	08/10/07	<0.001	0.0233	<0.001	NA	NA	0.0016	0.002	0.0012	0.0021	0.003	<0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	10/03/07	<1.0	<1.0	<1.0	<0.25	<1.0	43	<1.0	<2.0	<2.0	<2.0	<4.0	<1.0	<1.0	<1.0	<1.0	<2.5	<3.0	<5.0	<0.012	<1.0
	02/13/08	<10	<10	<10	NA	NA	160	<10	<10	<10	<10	<20	NA	NA	<10	NA	NA	NA	NA	NA	NA
	11/14/08	<0.005	0.053	<0.005	<0.005	<5.0	42	<0.025	<0.005	0.11	<0.005	<0.015	0.02	<0.005	<0.005	<0.005	<0.25	<0.025	NA	<0.012	<0.025
	04/01/09*	<0.001	0.0434	<0.001	<0.001	<0.005	53.2	<0.001	<0.001	0.147	<0.001	<0.003	0.0162	<0.001	0.00189	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.0433	<0.001	<0.001	<0.005	39.3	<0.001	<0.001	0.120	<0.001	<0.003	0.0105	<0.001	0.00148	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	09/10/09	<0.010	0.101	<0.010	<0.010	<0.050	37.6	<0.010	<0.010	0.359	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.05	<0.001	<0.001	<0.010	<0.010
	12/30/09	<0.001	0.0532	<0.001	<0.001	<0.005	33.6	<0.001	<0.001	0.24	<0.001	<0.003	0.00595	<0.001	0.00101	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.0369	<0.001	<0.001	<0.005	31.8	<0.001	<0.001	0.167	<0.001	<0.003	0.0063	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.025	0.0328	<0.025	<0.025	<0.125	32.5	<0.025	<0.025	0.186	<0.025	<0.075	<0.025	<0.025	<0.025	<0.025	<0.125	<0.025	<0.025	<0.025	<0.025
	08/19/11	0.00220	0.419	<0.00100	<0.00100	<0.00500	15.4	<0.00100	0.0021	2.81	<0.00100	<0.00300	0.00333	<0.00100	0.00221	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.0446	<0.001	<0.001	<0.005	6.51	<0.001	<0.001	0.631	<0.001	<0.003	0.00273	<0.001	0.00151	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	0.0329	<0.001	<0.001	<0.005	3.95	<0.001	<0.001	0.211	<0.001	<0.002	0.00251	<0.001	0.00113	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/18/17	<0.00100	0.0335	<0.00100	<0.00100	<0.00500	4.19	<0.00100	<0.00100	0.266	<0.00100	<0.00300	0.00211	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	<0.00100	
MW-1 45'	04/01/09	<0.001	0.0377	<0.001	<0.001	<0.005	51.2	<0.001	<0.001	0.12	<0.001	<0.003	0.0144	<0.001	0.00182	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.0559	<0.001	<0.001	<0.005	92	<0.001	<0.001	0.152	<0.001	<0.003	0.0368	<0.001	0.00327	<0.001	<0.05	<0.001	<0.001	<0.001	0.0029
MW-2	10/03/07	<0.001	0.01	<0.001	<0.001	<0.001	0.1	<0.001	<0.002	0.033	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	0.01	<0.003	<0.005	<0.0025	<0.001
	02/13/08	<0.001	0.0079	<0.001	NA	NA	0.0548	<0.001	<0.001	0.016	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.0057	<0.001	<0.001	<0.005	0.0071	<0.005	<0.001	0.0034	0.0018	<3.0	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/31/09	<0.001	0.00304	<0.001	<0.001	<0.005	0.0151	<0.001	<0.001	0.00717	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.00487	<0.001	<0.001	<0.005	0.00716	<0.001	<0.001	0.00433	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	09/10/09	<0.001	0.00627	<0.001	<0.001	<0.005	0.00854	<0.001	<0.001	0.00375	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/30/09	<0.001	0.0042	<0.001	<0.001	<0.005	0.0079	<0.001	<0.001	0.00543	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/24/10	<0.001	0.00531	<0.001	<0.001	<0.005	0.0102	<0.001	<0.001	0.00898	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.0601	<0.001	<0.001	<0.005	0.0168	<0.001	<0.001	0.0914	0.00233	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.00104	<0.00100	<0.00100	<0.00500	0.00255	<0.00100	<0.00100	0.00291	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	0.0709	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	0.00103	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-3	10/04/07	<0.001	0.0092	<0.001	<0.001	<0.001	0.055	<0.001	<0.002	0.0026	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	<0.010	<0.003	<0.005	<0.0025	<0.001
	02/13/08	<0.001	0.0014	<0.001	NA	NA	0.0124	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.0036	<0.001	<0.001	<0.005	0.0035	<0.005	<0.001	0.0014	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/31/09	<0.001	0.00358	<0.001	<0.001	<0.005	0.0194	<0.001	<0.001	0.00363	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.00490	<0.001	<0.001	<0.005	0.0311	<0.001	<0.001	0.00562	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	09/10/09	<0.001	0.00275	<0.001	<0.001	<0.005	0.0210	<0.001	<0.001	0.00353	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/30/09	<0.001	0.0028	<0.001	<0.001	<0.005	0.0252	<0.001	<0.001	0.00534	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.0172	<0.001	<0.001	<0.005	0.0919	<0.001	<0.001	0.0194	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.0234	<0.001	<0.001	<0.005	0.00312	<0.001	<0.001	0.00209	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.0370	<0.00100	<0.00100	<0.00500	0.00692	<0.00100	<0.00100	0.00754	0.00235	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
05/22/13	<0.001	0.0115	<0.001	<0.001	<0.005	0.00288	<0.001	<0.001	0.00392	0.00327	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	
07/16/14	<0.001	0.0153	<0.001	<0.001	<0.005	0.0148	0.00167	<0.001	0.0115	0.00222	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
MW-4	10/03/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	<0.010	<0.003	<0.005	<0.0025	<0.001
	02/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/12/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	0.067	<0.005	NA	<0.0025	<0.005
	03/31/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/10/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/23/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
05/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	
07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	0.00412	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/17/17	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	0.00177	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	<0.00100	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-5	10/04/07	<0.001	0.0017	<0.001	<0.001	<0.001	0.17	<0.001	<0.002	0.0071	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	<0.010	<0.003	<0.005	<0.0025	<0.001
	02/13/08	<0.1	<0.1	<0.1	NA	NA	2.6	<0.1	<0.1	<0.1	<0.1	<0.2	NA	NA	<0.1	NA	NA	NA	NA	NA	NA
	11/14/08	<0.001	0.0096	<0.001	<0.001	<0.005	2.4	<0.005	<0.001	0.012	<0.001	<0.003	0.0011	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	04/01/09	<0.001	0.00818	<0.001	<0.001	<0.005	3.14	<0.001	<0.001	0.0177	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.00806	<0.001	<0.001	<0.005	1.96	<0.001	<0.001	0.0152	<0.001	<0.003	<0.001	0.0172	<0.001	0.00114	<0.05	0.00118	<0.001	<0.001	<0.001
	09/10/09	<0.001	0.00720	<0.001	<0.001	<0.005	2.18	<0.001	<0.001	0.0206	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/30/09	<0.001	0.00673	<0.001	<0.001	<0.005	1.91	<0.001	<0.001	0.0366	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.00964	<0.001	<0.001	<0.005	2.23	<0.001	<0.001	0.0342	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.005	0.00925	<0.005	<0.005	<0.025	1.38	<0.005	<0.005	0.0599	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005
	08/19/11	0.00319	0.446	<0.00100	<0.00100	<0.00500	0.490	<0.00100	<0.00100	0.398	<0.00100	<0.00300	<0.00100	<0.00100	0.00178	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.0729	<0.001	<0.001	<0.005	0.687	<0.001	0.00108	0.372	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	0.0103	<0.001	<0.001	<0.005	0.262	<0.001	<0.001	0.0485	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/17/17	<0.00100	0.0715	<0.00100	<0.00100	<0.00500	0.283	<0.00100	<0.00100	0.394	0.0286	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	<0.00100	
MW-6	02/11/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/12/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/23/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-7	02/11/08	<0.001	0.015	<0.001	NA	NA	0.12	<0.001	<0.001	0.0259	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.25	<0.001	<0.001	<0.005	0.007	<0.005	<0.001	0.0019	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	04/01/09	<0.001	0.138	<0.001	<0.001	<0.005	0.013	<0.005	<0.001	0.00366	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/10/09	<0.001	0.0834	<0.001	<0.001	<0.005	0.0115	<0.005	<0.001	0.00233	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	0.00118	<0.001	<0.001	<0.001
	09/10/09	<0.001	0.0859	<0.001	<0.001	<0.005	0.0123	<0.005	<0.001	0.00495	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/30/09	<0.001	0.0614	<0.001	<0.001	<0.005	0.00791	<0.001	<0.001	0.012	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/24/10	<0.001	0.0527	<0.001	<0.001	<0.005	0.00493	<0.001	<0.001	0.014	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	0.00181	0.0384	<0.001	<0.001	<0.005	<0.001	<0.001	0.00129	0.0187	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	0.00121	0.0308	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	0.00176	0.0147	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.0230	<0.001	<0.001	<0.005	<0.001	<0.001	0.00210	0.00748	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	0.023	<0.001	<0.001	<0.005	<0.001	0.00101	0.00165	0.00361	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/17/17	<0.00100	0.0186	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	<0.00100	
MW-8	02/12/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
MW-9	02/12/08	<0.001	<0.001	<0.001	NA	NA	0.0017	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.00157	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	0.00120	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	
MW-10	02/12/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/12/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-11	02/12/08	<0.001	<0.001	<0.001	NA	NA	0.0012	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/23/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	0.00124	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	
MW-12	02/12/08	<0.01	0.052	<0.01	NA	NA	0.78	<0.01	<0.01	0.081	<0.01	<0.02	NA	NA	<0.01	NA	NA	NA	NA	NA	NA
	02/12/08	<0.01	0.046	<0.01	NA	NA	0.74	<0.01	<0.01	0.079	<0.01	<0.02	NA	NA	<0.01	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.027	<0.001	<0.001	<0.005	1.3	<0.005	<0.001	0.047	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	04/01/09	<0.001	0.0246	<0.001	<0.001	<0.005	1.06	<0.005	<0.001	0.0519	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/10/09	<0.001	0.0259	<0.001	<0.001	<0.005	1.17	<0.005	<0.001	0.0500	<0.001	<0.003	<0.001	0.0119	<0.001	0.00111	<0.05	0.00118	<0.001	<0.001	<0.005
	09/10/09	<0.001	0.0252	<0.001	<0.001	<0.005	1.80	<0.005	<0.001	0.0590	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/30/09	<0.001	0.0239	<0.001	<0.001	<0.005	1.14	<0.001	<0.001	0.0646	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.0266	<0.001	<0.001	<0.005	1.05	<0.001	<0.001	0.0571	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.005	0.0276	<0.005	<0.005	<0.025	2.05	<0.005	<0.005	0.0816	<0.005	<0.003	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005
	08/19/11	<0.00100	0.0237	<0.00100	<0.00100	<0.00500	0.826	<0.00100	<0.00100	0.0699	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	0.00143
	05/22/13	<0.001	0.0256	<0.001	<0.001	<0.005	1.99	<0.001	<0.001	0.0713	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	0.00171
07/16/14	<0.001	0.0276	<0.001	<0.001	<0.005	0.964	<0.001	<0.001	0.0755	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	0.00157	
07/18/17	<0.00100	0.0279	<0.00100	<0.00100	<0.00500	1.44	<0.00100	<0.00100	0.0639	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	0.00120	
MW-13	02/12/08	<0.001	<0.001	<0.001	NA	NA	0.0018	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/24/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-14	02/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/24/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	
MW-15	02/13/08	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.0028	<0.001	<0.001	<0.005	0.0016	<0.005	<0.001	0.0022	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	02/23/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/30/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	0.00227	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.00107	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.00555	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.00110	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.00219	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
05/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	
07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
MW-16	01/19/09	<0.001	0.011	<0.001	<0.001	<0.005	0.014	<0.005	<0.001	0.0098	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	NA	<0.0025	<0.005
	03/31/09	<0.001	0.0168	<0.001	<0.001	<0.005	<0.001	0.00135	<0.001	<0.001	0.00333	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	0.00195	<0.001	<0.005
	06/09/09	<0.001	0.00117	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	0.00254	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/28/09	<0.001	0.00228	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	0.00391	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.00152	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.00572	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	0.00212	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
05/22/13	<0.001	0.00147	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	
07/16/14	<0.001	0.0021	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-17	03/31/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/28/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	0.00252	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	0.0106	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.05000	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001
07/18/17	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.02500	<0.00100	<0.00100	<0.00100	<0.00100	
MW-18	03/31/09	<0.001	0.0291	<0.001	<0.001	<0.005	0.0276	<0.001	<0.001	0.0262	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	0.0602	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.00616	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	0.318	<0.001	<0.001	<0.005	0.00331	<0.001	<0.001	0.00513	0.0134	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/28/09	<0.001	0.15	<0.001	<0.001	<0.005	0.0519	<0.001	<0.001	0.0623	0.00106	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	0.238	<0.001	<0.001	<0.005	0.0262	<0.001	<0.001	0.0406	0.00172	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.243	<0.001	<0.001	<0.005	0.0697	<0.001	<0.001	0.0543	0.00599	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.632	<0.00100	<0.00100	<0.00500	0.0467	<0.00100	0.00136	0.0259	0.00540	<0.00300	<0.00100	<0.00100	0.00106	<0.00100	<0.05000	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.226	<0.001	<0.001	<0.005	0.224	<0.001	<0.001	0.175	0.00336	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	07/16/14	<0.001	0.0824	<0.001	<0.001	<0.005	0.17	<0.001	<0.001	0.0478	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001
07/18/17	<0.00100	0.0934	<0.00100	<0.00100	<0.00500	0.11	<0.00100	<0.00100	0.0470	0.00128	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.02500	<0.00100	<0.00100	<0.00100	<0.00100	
MW-19	03/31/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/28/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/22/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	0.00806	<0.00100	<0.00100	<0.00500	0.305	<0.00100	<0.00100	0.0510	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.05000	<0.00100	<0.00100	<0.00100	<0.00100
	11/07/11	<0.00100	0.0110	<0.00100	<0.00100	<0.00500	0.771	<0.00100	<0.00100	0.0540	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.05000	<0.00100	<0.00100	0.00208	<0.00100
	05/22/13	<0.001	0.0186	<0.001	<0.001	<0.005	0.0469	<0.001	<0.001	0.00907	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	0.00749	<0.001	<0.001	0.00138	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/18/17	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.02500	<0.00100	<0.00100	<0.00100	<0.00100	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
MW-20	04/01/09	<0.001	0.0168	<0.001	<0.001	<0.005	0.468	<0.001	<0.001	0.0767	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/10/09	<0.001	0.0133	<0.001	<0.001	<0.005	0.243	<0.001	<0.001	0.0428	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/10/09	<0.001	0.0142	<0.001	<0.001	<0.005	0.231	<0.001	<0.001	0.0419	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/30/09	<0.001	0.0115	<0.001	<0.001	<0.005	0.171	<0.001	<0.001	0.0379	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.0129	<0.001	<0.001	<0.005	0.178	<0.001	<0.001	0.0358	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.0101	<0.001	<0.001	<0.005	0.0363	<0.001	<0.001	0.0237	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	0.00123	0.00754	<0.00100	<0.00100	<0.00500	0.0613	<0.00100	<0.00100	0.0259	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.00968	<0.001	<0.001	<0.005	0.121	<0.001	<0.001	0.0198	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	0.00965	<0.001	<0.001	<0.005	0.107	<0.001	<0.001	0.0208	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
07/17/17	<0.00100	0.0139	<0.00100	<0.00100	<0.00500	0.214	<0.00100	<0.00100	0.0272	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0250	<0.00100	<0.00100	<0.00100	<0.00100	
MW-21	02/17/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	0.0126	<0.001	<0.001	<0.001	<0.001
	07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001
MW-22	02/17/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	0.0138	<0.001	<0.001	<0.001	<0.001
	07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001
DW-1	10/04/07	<0.001	0.0065	<0.001	<0.001	<0.001	0.0052	<0.001	<0.002	0.0035	<0.002	<0.003	<0.001	<0.001	<0.001	<0.001	<0.010	<0.005	<0.005	<0.0025	<0.001
	02/13/08	<0.001	0.0041	<0.001	NA	NA	0.0412	<0.001	<0.001	0.0026	<0.001	<0.002	NA	NA	<0.001	NA	NA	NA	NA	NA	NA
	11/13/08	<0.001	0.008	<0.001	<0.001	<0.005	0.0014	<0.005	<0.001	0.0013	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/31/09	<0.001	0.00602	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/10/09	<0.001	0.00679	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/10/09	<0.001	0.00563	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/30/09	<0.001	0.00433	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/25/10	<0.001	0.00624	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	0.00719	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.00350	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	0.00508	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	0.0610	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	0.00107	0.00146	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.0012	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	

Table 8: Analytical Data for Groundwater

ADT 8

DSCA ID No.: DC530001

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	1,1,2-Trichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane (EDC)	Acetone	Bromomethane	Carbon Disulfide	Chloromethane	Chloroform
		[mg/L]																			
DW-2	11/13/08	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	NA	<0.0025	<0.005
	03/31/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	06/09/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	09/10/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.005
	12/29/09	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	03/24/10	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	02/25/11	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00300	<0.00100	<0.00100	<0.00100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100
	05/22/13	<0.001	0.00145	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001
07/16/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	
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	0.0006	0.35	0.0004	6	0.01	0.7	0.003	0.07	

Notes:

* Sample was collected at 40 ft.

1. **Bold** indicates value exceeds Title 15A NCAC 2L Groundwater Standard (2L Standard), or Interim Maximum Allowable Concentration, if 2L Standard is not established.

2. NA denotes Not Analyzed

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
B-5	08/10/07	NA	NA	NA	NA															
MW-1	10/03/07	<2.0	<1.0	<1.0	<5.0															
	02/13/08	NA	NA	NA	NA															
	11/14/08	<0.005	<0.005	<0.005	<0.025															
	04/01/09*	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.010															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/25/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.025	<0.025	<0.025	<0.025															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/18/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-1 45'	04/01/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
MW-2	10/03/07	<0.002	<0.001	<0.001	<0.005															
	02/13/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/31/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.001															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/24/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-3	10/04/07	<0.002	<0.001	<0.001	<0.005															
	02/13/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/31/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.001															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/25/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
05/22/13	<0.002	<0.001	<0.001	#####																
07/16/14	<0.002	<0.001	<0.001	0.00103																
MW-4	10/03/07	<0.002	<0.001	<0.001	<0.005															
	02/13/08	NA	NA	NA	NA															
	11/12/08	<0.001	<0.001	<0.001	<0.005															
	03/31/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/23/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
05/22/13	<0.002	<0.001	<0.001	<0.001																
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/17/17	<0.00200	<0.00100	<0.00100	<0.00100																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-5	10/04/07	<0.002	<0.001	<0.001	<0.005															
	02/13/08	NA	NA	NA	NA															
	11/14/08	<0.001	<0.001	<0.001	<0.005															
	04/01/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.001															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/25/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.005	<0.005	<0.005	<0.005															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/17/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-6	02/11/08	NA	NA	NA	NA															
	11/12/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/23/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-7	02/11/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	04/01/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.001															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/24/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/17/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-8	02/12/08	NA	NA	NA	NA															
MW-9	02/12/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																
MW-10	02/12/08	NA	NA	NA	NA															
	11/12/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-11	02/12/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/23/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																
MW-12	02/12/08	NA	NA	NA	NA															
	02/12/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	04/01/09	<0.001	<0.001	<0.001	<0.001															
	06/10/09	<0.001	<0.001	<0.001	<0.001															
	09/10/09	<0.001	<0.001	<0.001	<0.001															
	12/30/09	<0.001	<0.001	<0.001	<0.001															
	03/25/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.005	<0.005	<0.005	<0.005															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/18/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-13	02/12/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/24/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-14	02/13/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/24/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																
MW-15	02/13/08	NA	NA	NA	NA															
	11/13/08	<0.001	<0.001	<0.001	<0.005															
	02/23/09	<0.001	<0.001	<0.001	<0.005															
	03/30/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/29/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
05/22/13	<0.002	<0.001	<0.001	<0.001																
07/16/14	<0.002	<0.001	<0.001	<0.001																
MW-16	01/19/09	<0.001	<0.001	<0.001	<0.005															
	03/31/09	<0.001	0.00335	<0.001	<0.001															
	06/09/09	<0.001	0.00212	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/28/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
05/22/13	<0.002	<0.001	<0.001	<0.001																
07/16/14	<0.002	<0.001	<0.001	<0.001																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane															
		[mg/L]																		
MW-17	03/31/09	<0.001	<0.001	0.0034	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/28/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
	07/16/14	<0.002	<0.001	<0.001	<0.001															
07/18/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-18	03/31/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	0.0013	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/28/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
	07/16/14	<0.002	<0.001	<0.001	<0.001															
07/18/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-19	03/31/09	<0.001	<0.001	<0.001	<0.001															
	06/09/09	<0.001	<0.001	<0.001	<0.001															
	09/09/09	<0.001	<0.001	<0.001	<0.001															
	12/28/09	<0.001	<0.001	<0.001	<0.001															
	03/22/10	<0.001	<0.001	<0.001	<0.001															
	02/25/11	<0.001	<0.001	<0.001	<0.001															
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100															
	11/07/11	<0.00200	<0.00100	<0.00100	<0.00100															
	05/22/13	<0.002	<0.001	<0.001	<0.001															
07/16/14	<0.002	<0.001	<0.001	<0.001																
07/18/17	<0.00200	<0.00100	<0.00100	<0.00100																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane																
		[mg/L]																			
MW-20	04/01/09	<0.001	<0.001	<0.001	<0.001																
	06/10/09	<0.001	<0.001	<0.001	<0.001																
	09/10/09	0.0016	<0.001	<0.001	<0.001																
	12/30/09	<0.001	<0.001	<0.001	<0.001																
	03/25/10	<0.001	<0.001	<0.001	<0.001																
	02/25/11	<0.001	<0.001	<0.001	<0.001																
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																
	05/22/13	<0.002	<0.001	<0.001	<0.001																
	07/16/14	<0.002	<0.001	<0.001	<0.001																
	07/17/17	<0.00200	<0.00100	<0.00100	<0.00100																
MW-21	02/17/14	<0.002	<0.001	<0.001	<0.001																
	07/16/14	<0.002	<0.001	<0.001	<0.001																
MW-22	02/17/14	<0.002	<0.001	<0.001	<0.001																
	07/16/14	<0.002	<0.001	<0.001	<0.001																
DW-1	10/04/07	<0.002	<0.001	<0.001	<0.005																
	02/13/08	NA	NA	NA	NA																
	11/13/08	<0.001	<0.001	<0.001	<0.005																
	03/31/09	<0.001	<0.001	<0.001	<0.001																
	06/10/09	<0.001	<0.001	<0.001	<0.001																
	09/10/09	<0.001	<0.001	<0.001	<0.001																
	12/30/09	<0.001	<0.001	<0.001	<0.001																
	03/25/10	<0.001	<0.001	<0.001	<0.001																
	02/25/11	<0.001	<0.001	<0.001	<0.001																
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100																
	05/22/13	<0.002	<0.001	<0.001	<0.001																
	07/16/14	<0.002	<0.001	<0.001	<0.001																

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals)

ADT 8(1)

DSCA ID No.: DC530001

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Hexachlorobutadiene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	Chloroethane														
		[mg/L]																	
DW-2	11/13/08	<0.001	<0.001	<0.001	<0.005														
	03/31/09	<0.001	<0.001	<0.001	<0.001														
	06/09/09	<0.001	<0.001	<0.001	<0.001														
	09/10/09	<0.001	<0.001	<0.001	<0.001														
	12/29/09	<0.001	<0.001	<0.001	<0.001														
	03/24/10	<0.001	<0.001	<0.001	<0.001														
	02/25/11	<0.001	<0.001	<0.001	<0.001														
	08/19/11	<0.00100	<0.00100	<0.00100	<0.00100														
	05/22/13	<0.002	<0.001	<0.001	<0.001														
07/16/14	<0.002	<0.001	<0.001	<0.001															
NC 2L Standard		0.0004	0.025	0.4	3														

Notes:

* Sample was collected at 40 ft.

1. **Bold** indicates value exceeds Title 15A NCAC 2L Groundwater Standard (2L Standard), or Interim Maximum Allowable Concentration, if 2L Standard is not established.

2. NA denotes Not Analyzed

Appendix B
Level 1 Ecological Risk Assessment Checklists

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

Site / Location: Dryclean Express, 1117 Spring Lane, Sanford, Lee County, NC
H&H Project No.: DS0-04CC
DSCA Site ID: DC530001

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, Big Buffalo Creek is located on the source property approximately 375 feet west of the dry-cleaning facility. Two unnamed tributaries to Big Buffalo Creek are located 50 feet northeast and 50 feet north of the source property. Big Buffalo Creek discharges into the Deep River.

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

Yes, an unnamed pond and Big Buffalo Creek are located on the source property 25 feet southeast and 375 feet west, respectively, of the dry-cleaning facility. Additional tributaries to Big Buffalo Creek are located 50 feet northeast and 50 feet north of the source property.

3. Are there any wetland¹ areas such as marshes or swamps on or within one-half mile of the site?

Yes, the area surrounding Big Buffalo Creek 75 feet north of the source property is identified as PFO1A wetlands. In addition, an area located approximately 2,400 feet south of the source property is identified as PF01C wetlands. The PFO1A and PF01C wetland areas are described as palustrine system with forested deciduous vegetation that is temporarily flooded or seasonally flooded, respectively. These wetlands were identified on the US Fish and Wildlife Services (USFWS) National Wetlands Inventory.

4. Are there any sensitive environmental areas² on or within one-half mile of the site?

Yes, wetlands are located 75 feet north and 2,400 feet south 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 Bureau of Indian Affairs, National Park Service's Tribal Historic Preservation, and the US Department of the Interior's on-line National Atlas do not identify areas within a one-half mile radius of the source property owned or used by local tribes.

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?

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 typically used during critical life stages such as breeding, hatching, rearing or young and overwintering. Refer to Attachment 1 for examples of sensitive environments.

Likely, the US Fish and Wildlife Service lists three endangered species, as well as eight Federal Species of Concern, that may be present in the vicinity of the source property. The NC Natural Heritage Program lists, under NC protection status, one area with a conservation easement. The US Fish and Wildlife Service Critical Habitat Mapper did not identify critical habitat areas on or within one-half mile of the source property. The species identified by the US Fish and Wildlife Service include freshwater vertebrates, invertebrates, and plant life that can be found in and around surface water bodies or wetlands, such as those present within one-half mile of the source property. In addition, species of birds may be present in vegetated areas in the vicinity 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 US Fish and Wildlife Service Information for Planning and Consultation (IPaC) lists six migratory bird species that may be present in the vicinity of the source property. Five of those species are reported to have been seen in the vicinity of the source property and may breed in the area.

8. Are there any ecologically³, recreationally, or commercially important species on or within one-half mile of the site?

Unlikely, recreational fishing is present in Sanford, NC, 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 Lee County and several species, such as the beaver (*Castor canadensis*), are commonly found in North Carolina waterways; however, the presence of such species is unlikely 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 US Fish and Wildlife Service indicates the presence of the Cape Fear shiner (*Notropis mekistocholas*), Red-cockaded woodpecker (*Picoides borealis*), and Harperella (*Ptilimnium nodosum*) as threatened and/or endangered species within Lee 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.

Attachment 1
Examples of Sensitive Environments
DSCA ID #DC530001

Examples of environmentally sensitive areas include, but are not limited to, the following:

- National parks and national monuments, *None near site*
- Designated or administratively proposed federal wilderness areas, *None near site*
- National preserved, *None near site*
- National or state wildlife refuges, *None near site*
- National lakeshore recreational areas, *None near site*
- Federal land designated for protection of natural ecosystems, *None near site*
- State land designated for wildlife or game management, *None near site*
- State designated natural areas, *None near site*
- Federal or state designated scenic or wild river, *None near site*
- All areas that provide or could potentially provide critical habitat for state and federally listed threatened or endangered species, those species that are currently petitioned for listing, and species designated by other agencies as sensitive or species of concern, *None near site*
- Marine sanctuary, *None near site*
- Areas identified under the coastal zone management act, *None near site*
- Sensitive areas identified under the national estuary program or near coastal waters program, *None near site*
- Critical areas identified under the clean lakes program, *None near site*
- National seashore recreational area, *None near site*
- Habitat known to be used by federal designated or proposed endangered or threatened species, *Possible habitat in Big Buffalo Creek and its tributaries, located on the source property and approximately 50 feet northeast and 50 feet north of the source property.*
- Unit of coastal barrier resources system, *None near site*
- Coastal barrier (undeveloped), *None near site*
- Spawning areas critical for the maintenance of fish/shellfish species within river, lake, or coastal tidal waters, *None near site*

- Migratory pathways and feeding areas critical for maintenance of anadromous fish species within river reaches or areas in lakes or coastal tidal waters in which the fish spend extended periods of time, *None near site*
- Terrestrial areas utilized for breeding by large or dense aggregations of animals, *None near site*
- National river reach designated as recreational, *None near site*
- Habitat known to be used by state designated endangered or threatened species, *Possible habitat in Big Buffalo Creek and its tributaries, located on the source property and approximately 50 feet northeast and 50 feet north of the source property.*
- Habitat known to be used by species under review as to its federal endangered or threatened status, *Possible habitat in Big Buffalo Creek and its tributaries, located on the source property and approximately 50 feet northeast and 50 feet north of the source property.*
- Coastal barrier (partially developed), *None near site*
- Particular areas, relatively small in size, important to maintenance of unique biotic communities, *None near site*
- State designated areas for protection or maintenance of aquatic life, *None near site*
- Wetlands, *Two wetland areas are located approximately 75 feet north and 2,400 feet south of the source property.*

Level 1 Ecological Risk Assessment
Checklist B for Potential Exposure Pathways
DSCA ID #DC530001

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

Yes. Tetrachloroethylene (PCE) and its degradation products trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), and vinyl chloride (VC) have been detected in groundwater at the site. The plume has been defined and is limited to the source property containing the Dryclean Express facility.

- 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 west. The primary ecological receptor habitat is the Big Buffalo Creek located approximately 375 feet downgradient and west of the dry-cleaning facility.

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

Unlikely. As discussed above, groundwater at the site flows west and intersects Big Buffalo Creek. However, the plume has been delineated and is stable and impacts have not been detected in surface water samples collected from Big Buffalo Creek.

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

Yes. PCE and its degradation products have been detected in surface soils at concentrations above Preliminary Soil Remediation Goals (PSRGs).

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

No. The soil source area is covered by the building slab, concrete sidewalks, or the paved asphalt driveway.

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

No. Impacted soils are covered the building slab, concrete sidewalks, or the paved asphalt driveway.

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

Yes. PCE and its degradation products have been detected in surface soils at concentrations above PSRGs.

3B. Are potential ecological receptors on the site?

No. Impacted soils are covered by the building slab, concrete sidewalks, or the paved asphalt driveway.

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

No. Impacted soils are covered by the building slab, concrete sidewalks, or the paved asphalt driveway so ecological receptors are unlikely to be present or come into contact with chemicals.

4A. Are chemicals on the site volatile?

Yes. PCE and its degradation products are volatile compounds.

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

No. Impacted soils are covered by the building slab, concrete sidewalks, or the paved asphalt driveway.

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 the building slab, concrete sidewalks, or the paved asphalt driveway.

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. PCE and its degradation products have been detected in surface and subsurface soils at concentrations above PSRGs.

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

No. Impacted soils are covered by the building slab, concrete sidewalks, or the paved asphalt driveway.

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

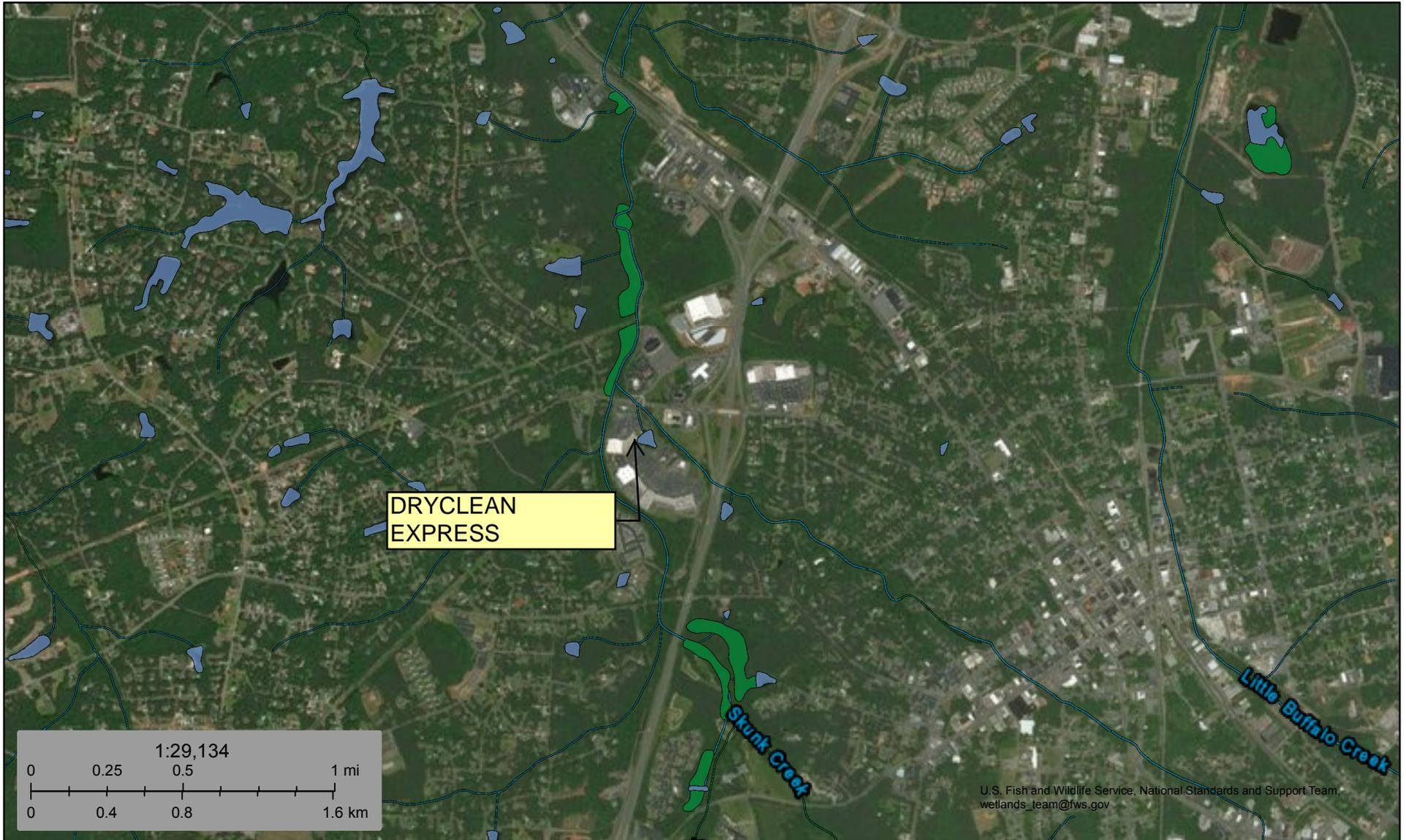
Unlikely. Impacted soils are covered by the building slab, concrete sidewalks, and a paved asphalt driveway so no significant vegetation is present.

6D. Do chemicals found on the site bioaccumulate?

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

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

Unlikely. The plume intersects Big Buffalo Creek; however, surface water samples collected from Big Buffalo Creek indicated no detectable impacts. In addition, impacted soils are covered by the building slab or paved areas and the constituents of concern do not bioaccumulate. As such, it is unlikely that chemicals could reach ecological receptors through direct ingestion of plants or animals.



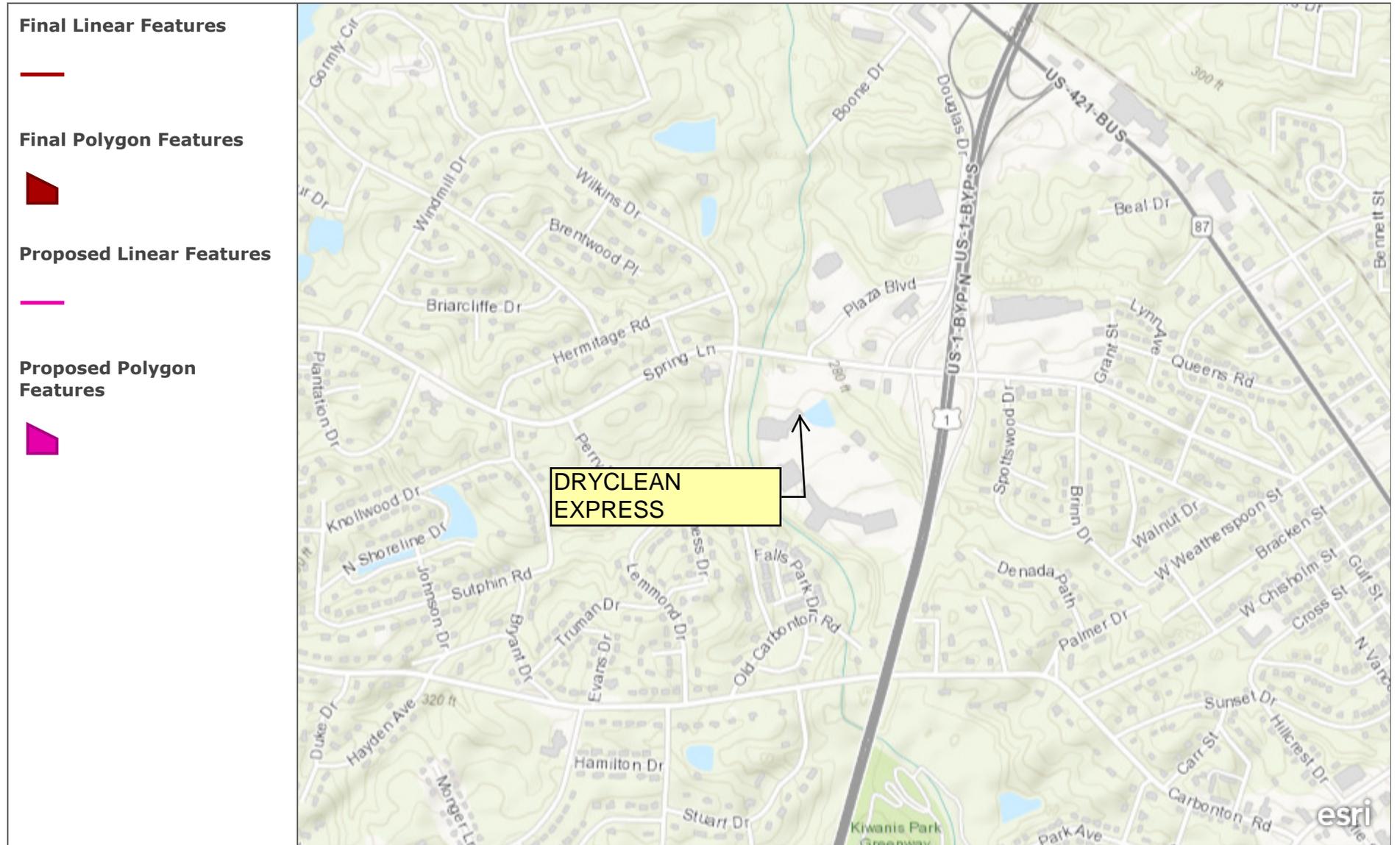
March 14, 2018

Wetlands

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

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, Federal Species of Concern, and Candidate Species,

Lee County, North Carolina



Updated: 03-08-2018

Critical Habitat Designations:

Cape Fear shiner - *Notropis mekistocholas* - Approximately 0.5 river mile of Bear Creek, from Chatham County Road 2156 Bridge downstream to the Rocky River, then downstream in the Rocky River (approximately 4.2 river miles) to the Deep River, then downstream in the Deep River (approximately 2.6 river miles) to a point 0.3 river mile below the Moncure, North Carolina, U.S. Geological Survey Gaging Station. Constituent elements include clean streams with gravel, cobble, and boulder substrates with pools, riffles, shallow runs and slackwater areas with large rock outcrops and side channels and pools with water of good quality with relatively low silt loads.

Federal Register Reference: September 25, 1987, Federal Register, 2: 36034-36039.

Common Name	Scientific name	Federal Status	Record Status
Vertebrate:			
American eel	<i>Anguilla rostrata</i>	FSC	Current
Cape Fear shiner Range by Basin	<i>Notropis mekistocholas</i>	E	Current
Carolina redbreast	<i>Moxostoma</i> sp. 3	FSC	Current
Red-cockaded woodpecker	<i>Picoides borealis</i>	E	Historic
Invertebrate:			
Septima's clubtail	<i>Gomphus septima</i>	FSC	Current
Vascular Plant:			
Bog spicebush	<i>Lindera subcoriacea</i>	FSC	Current
Buttercup phacelia	<i>Phacelia covillei</i>	FSC	Current
Carolina grass-of-parnassus	<i>Parnassia caroliniana</i>	FSC	Historic
Georgia lead-plant	<i>Amorpha georgiana</i> var. <i>georgiana</i>	FSC	Current
Harperella	<i>Ptilimnium nodosum</i>	E	Historic

Sandhills bog lily

Lilium pyrophilum

FSC

Current

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.

FSC=Federal Species of Concern. FSC is an informal term. It is not defined in the federal Endangered Species Act. In North Carolina, the Asheville and Raleigh Field Offices of the US Fish and Wildlife Service (Service) define Federal Species of Concern as those species that appear to be in decline or otherwise in need of conservation and are under consideration for listing or for which there is insufficient information to support listing at this time.Subsumed under the term "FSC" are all species petitioned by outside parties and other selected focal species identified in Service strategic plans, State Wildlife Action Plans, or Natural Heritage Program Lists.

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 (delisted) 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.

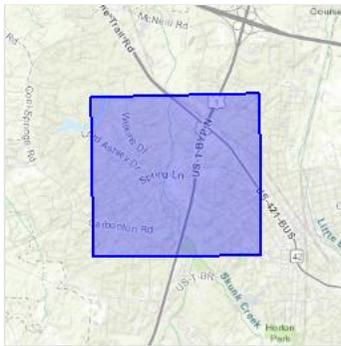
IPaC resource list

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

Lee 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 species¹ are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service.

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.

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

Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7614	Endangered

Fishes

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

Flowering Plants

NAME	STATUS
Harperella <i>Ptilimnium nodosum</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/3739	Endangered

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 Act¹ and the Bald and Golden Eagle Protection Act².

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 maps of where birders and the general public have sighted birds in and around your project area, visit E-bird tools such as the [E-bird data mapping tool](#) (search for the name of a bird on your list to see specific locations where that bird has been reported to occur within your project area over a certain timeframe) and the [E-bird Explore Data Tool](#) (perform a query to see a list of all birds sighted in your county or region and within a certain timeframe). 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 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 <i>Haliaeetus leucocephalus</i> 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	Breeds Sep 1 to Jul 31
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Prairie Warbler <i>Dendroica discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

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.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in your project's counties 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 counties of your project area. 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.



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 counties 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 [E-bird Explore Data 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 [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 entry on your migratory bird species list indicates a breeding season, it is probable that the bird breeds in your project's counties 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 BGEPA should such impacts occur.

Facilities

Wildlife refuges and fish hatcheries

REFUGE AND FISH HATCHERY INFORMATION IS NOT AVAILABLE AT THIS TIME

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](#).

This location overlaps the following wetlands:

FRESHWATER FORESTED/SHRUB WETLAND

[PFO1A](#)

[PFO1C](#)

[PSS3A](#)

FRESHWATER POND

[PUBHh](#)

A full description for each wetland code can be found at the National Wetlands Inventory website: <https://ecos.fws.gov/ipac/wetlands/decoder>

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.

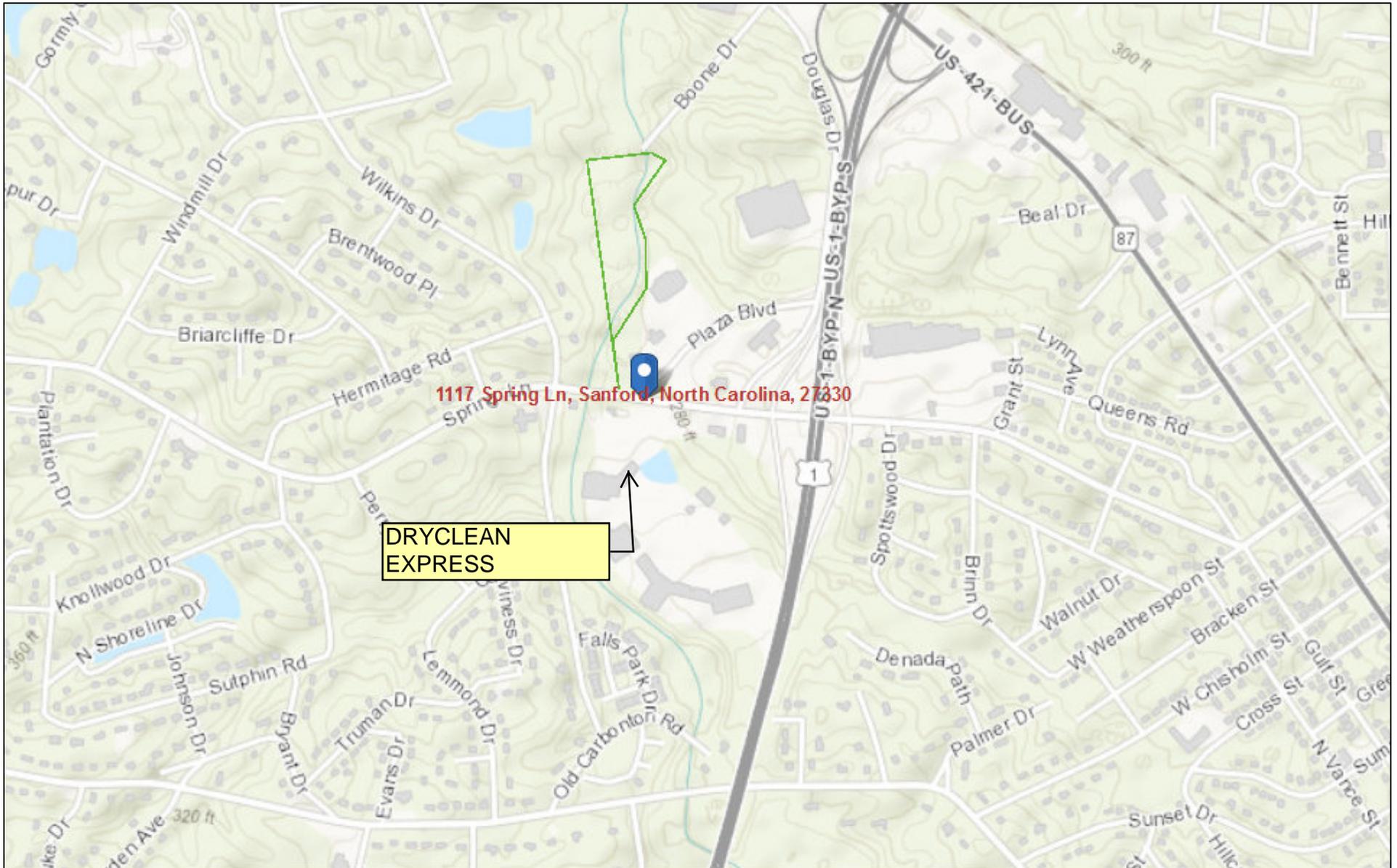
Data exclusions

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 tubercid 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.

Dry Clean Express DC530001



1117 Spring Ln, Sanford, North Carolina, 27330

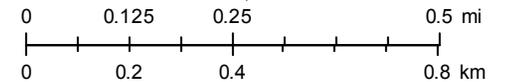
DRYCLEAN EXPRESS

March 14, 2018

Managed Areas

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

1:14,595



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

Appendix C
Notice of Dry-Cleaning Solvent Remediation

Source Property: Riverbirch Realty, LLC
PIN 9643-01-0670-00

NOTICE OF DRY-CLEANING SOLVENT REMEDIATION

Property Owner: Riverbirch Realty LLC
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 Riverbirch Realty LLC (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 1015 Spring Lane, Sanford, Lee County, North Carolina, Parcel Identification Number (PIN) 9643-01-0670-00.

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. 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.

Soil and groundwater at the Property are contaminated with dry-cleaning solvents associated with dry-cleaning operations at the Dryclean Express (DSCA Site DC530001) located at 1117 Spring Lane, Sanford in the Riverbirch Shopping Center. Dry-cleaning operations were conducted on the Property from approximately 1984 to present.

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, “Areas A, B, C, and D” of the Property, as shown on Exhibit A, 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 in “Areas A, B, C, and D” of the Property, as shown on Exhibit A, without prior approval of DEQ.
3. Soil in “Areas C and D” of the Property, as shown on Exhibit 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 in “Areas B, C, and D” of the Property, as shown on Exhibit A, 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 in “Areas B, C, and D” of the Property, as shown on Exhibit A, 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. No activities that cause or create an increase in infiltration (for example, removal or demolition of materials such as asphalt, concrete, buildings, or other structures that by their use and nature minimize infiltration of rain or water runoff into potentially contaminated soil) may occur in “Area D” of the Property, as shown on Exhibit A, without prior approval of DEQ.
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.
8. 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.
9. 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.

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__.

Riverbirch Realty LLC

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 Riverbirch Realty LLC, a _____ limited liability corporation, 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: _____ Date _____
Jim Bateson, LG
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]

EXHIBIT A
REDUCTION OF SURVEY PLAT

NOTES:

- NO TITLE REPORT FURNISHED.
- AREAS COMPUTED BY COORDINATE METHOD.
- PROPERTY SHOWN HEREON IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIONS OF RECORD. ALL DISTANCES SHOWN ON SURVEY ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED. NC GRID COORDINATES (NAD83) OBTAINED BY USING GPS, PER THE NCVRS NETWORK.
- BASIS OF BEARING SHOWN HEREON IS NC GRID (NAD 83 NSRS 2011).
- VERTICAL DATUM SHOWN HEREON IS NAVD88.
- THE PROPERTY SHOWN HEREON IS LOCATED IN FLOODZONE "ZONE X", AREA OF MINIMAL FLOODING, PER FLOOD INSURANCE RATE MAPS 3710963300J AND 3710964300J, PANEL EFFECTIVE DATE SEPTEMBER 6, 2006.
- THE AREAS AND TYPE OF CONTAMINATION DEPICTED UPON THE MAP ARE APPROXIMATIONS DERIVED FROM THE BEST AVAILABLE INFORMATION AT THE TIME OF FILING.
- MONITORING WELLS SHOWN ON THE PLAT WERE LOCATED BY THE STATIC-METHOD.
- MONITORING WELL ELEVATIONS ARE TO THE TOP OF WELL COVER.
- SOIL BORING LOCATIONS ARE BASED ON FIGURES PROVIDED BY HART & HICKMAN, PC. THE LOCATIONS WERE NOT SURVEYED BECAUSE THE SOIL BORINGS HAVE BEEN ABANDONED.
- THE SOURCE PROPERTY WHERE DRYCLEAN EXPRESS OPERATED (PARCEL ID 9643-01-0670-00) IS ASSOCIATED WITH AN ADDRESS OF 1015 SPRING LANE. HOWEVER, THE SPECIFIC TENANT SPACE WHERE THE DRYCLEAN EXPRESS FACILITY OPERATES IS ASSOCIATED WITH AN ADDRESS OF 1117 SPRING LANE.
- BUILDING LOCATIONS SHOWN HEREON ARE APPROXIMATE FROM LEE COUNTY GIS.

NC 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 (STATE)

WAKE (COUNTY)

NOTARY STATEMENT

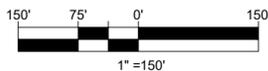
____ (STATE)
____ (COUNTY)

I, _____
A NOTARY PUBLIC OF SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT

DID PERSONALLY APPEAR AND SIGN BEFORE ME THIS THE DAY OF _____, 2020

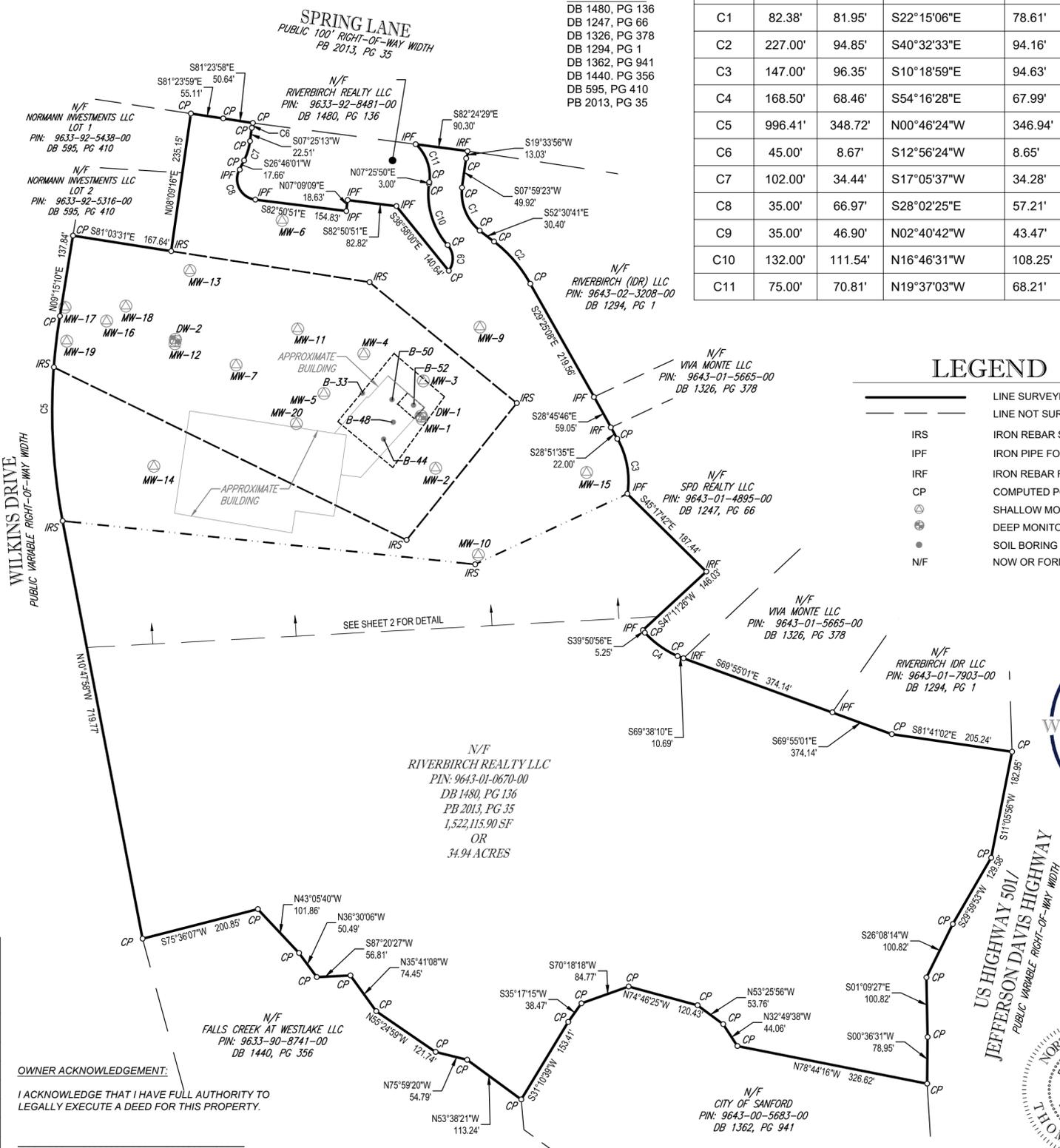
NOTARY PUBLIC (SIGNATURE)

MY COMMISSION EXPIRES: _____



COORDINATE SYSTEM: US STATE PLANE 1983
ZONE: NORTH CAROLINA 3200
HORIZONTAL DATUM: NAD 83 (2011)
VERTICAL DATUM: NAVD 88 (GEOID 12B)
UNIT OF MEASURE: US SURVEY FEET

WELL ID	NORTHING	EASTING	ELEVATION (SEE NOTE #7)
DW-1	632011.29	1940022.51	284.44
DW-2	632141.01	1939607.49	278.62
MW-1	632007.12	1940023.76	284.22
MW-2	631923.30	1940046.79	283.56
MW-3	632070.88	1940026.05	284.18
MW-4	632116.69	1939925.46	282.00
MW-5	632049.83	1939858.22	283.00
MW-6	632342.70	1939787.85	272.22
MW-7	632098.06	1939709.99	281.56
MW-9	632162.11	1940121.65	283.27
MW-10	631776.76	1940118.72	287.32
MW-11	632159.05	1939814.19	277.93
MW-12	632133.65	1939606.84	279.21
MW-13	632257.98	1939632.03	274.95
MW-14	631926.49	1939571.38	281.74
MW-15	631916.10	1940301.50	285.82
MW-16	632172.27	1939491.57	273.30
MW-17	632195.55	1939421.23	276.78
MW-18	632197.74	1939524.03	273.29
MW-19	632138.29	1939424.23	274.16
MW-20	631998.69	1939811.82	284.32



REFERENCES:
DB 1480, PG 136
DB 1247, PG 66
DB 1326, PG 378
DB 1294, PG 1
DB 1362, PG 941
DB 1440, PG 356
DB 595, PG 410
PB 2013, PG 35

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	82.38'	81.95'	S22°15'06"E	78.61'	056°59'41"	44.72'
C2	227.00'	94.85'	S40°32'33"E	94.16'	023°56'25"	48.13'
C3	147.00'	96.35'	S10°18'59"E	94.63'	037°33'08"	49.97'
C4	168.50'	68.46'	S54°16'28"E	67.99'	023°16'43"	34.71'
C5	996.41'	348.72'	N00°46'24"W	346.94'	020°03'07"	176.16'
C6	45.00'	8.67'	S12°56'24"W	8.65'	011°02'06"	4.35'
C7	102.00'	34.44'	S17°05'37"W	34.28'	019°20'52"	17.39'
C8	35.00'	66.97'	S28°02'25"E	57.21'	109°37'41"	49.64'
C9	35.00'	46.90'	N02°40'42"W	43.47'	076°46'42"	27.73'
C10	132.00'	111.54'	N16°46'31"W	108.25'	048°24'52"	59.34'
C11	75.00'	70.81'	N19°37'03"W	68.21'	054°05'44"	38.29'

LEGEND

- LINE SURVEYED
- - - LINE NOT SURVEYED
- IRS
- IPF
- IRF
- CP
- SHALLOW MONITORING WELL
- ⊙ DEEP MONITORING WELL
- SOIL BORING
- N/F
- IRON REBAR SET
- IRON PIPE FOUND
- IRON REBAR FOUND
- COMPUTED POINT
- NOW OR FORMERLY



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. 143-215.104M(d):

THIS PROPERTY HAS BEEN CONTAMINATED WITH DRY-CLEANING SOLVENT. A NOTICE OF DRY-CLEANING SOLVENT REMEDIATION IS RECORDED IN THE LEE 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, DRYCLEANING SOLVENT CLEANUP ACT (DSCA) PROGRAM, OR ITS SUCCESSOR IN FUNCTION, 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646.

SURVEY 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 AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:
- CLASS OF SURVEY: "CLASS A"
 - POSITIONAL ACCURACY: 0.04'
 - TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC NETWORKS-NCVRS
 - DATES OF SURVEY: JULY 19, 2019
 - DATUM/EPOCH: NAD 83 (2011) EPOCH 2010.00
 - PUBLISHED/FIXED-CONTROL USE: NCVRS
 - GEOID MODEL: 2012 (CONUS)
 - COMBINED GRID FACTOR(S): 1.000130376
 - 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 AND SEAL THIS 17TH DAY OF APRIL A.D., 2020.

PRELIMINARY - NOT FOR RECORDATION, SALES OR CONVEYANCES

SURVEYOR NC L-3920



OWNER ACKNOWLEDGEMENT:

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

SIGNATURE _____ DATE _____

NOTARY STATEMENT

____ (STATE)
____ (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 _____, 2020

NOTARY PUBLIC (SIGNATURE)

MY COMMISSION EXPIRES: _____

CERTIFICATE OF REVIEW OFFICER:

THIS IS TO CERTIFY THAT THIS PLAT MEETS THE RECORDINGS REQUIREMENTS OF THE UNIFIED DEVELOPMENT ORDINANCE SUBDIVISION REGULATIONS FOR LEE COUNTY.

I, _____, REVIEW OFFICER OF LEE COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER _____ DATE _____

NOT SUBJECT TO:

THIS PLAT IS NOT SUBJECT TO THE PROVISIONS OF THE CITY OF SANFORD OR LEE COUNTY SUBDIVISION ORDINANCES AND DOES NOT REQUIRE THE APPROVAL OF THE LEE COUNTY PLANNING DIVISION. HOWEVER, ANY FURTHER SUBDIVISION OF THIS PROPERTY MAY BE SUBJECT TO THESE PROVISIONS.

LEE COUNTY PLANNING DIVISION.

PLANNING DIVISION STAFF _____ DATE _____

SURVEY PLAT - EXHIBIT A TO THE NOTICE OF DRY-CLEANING SOLVENT REMEDIATION

OWNER: RIVERBIRCH REALTY, LLC
DRYCLEAN EXPRESS, DSCA ID: DC530001
PIN: 9643-01-0670-00
1015 SPRING LANE,
SANFORD, SANFORD TOWNSHIP, LEE COUNTY, NORTH CAROLINA

FILE NO. NS182004	BOHLER ENGINEERING, INC. 4130 PARKLAKE AVENUE, SUITE 130 RALEIGH, NORTH CAROLINA 27612 919.578.9000 www.bohlerengineering.com
DATE 04/17/2020	
FIELD DATE 07/19/2019	CREW CHIEF RJ
DRAWN DET	REVIEWED TET
APPROVED TET	SCALE 1" = 150'
DWG. NO. 1 OF 2	

BOHLER ENGINEERING, ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BOHLER ENGINEERING, INC.

GROUNDWATER IN WELLS MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-9, MW-11, MW-12, MW-16, MW-17, MW-18, MW-19, MW-20, AND DW-1 EXCEEDED THE APPLICABLE 2L WATER QUALITY STANDARDS (15A NCAC 2L .0200) FOR ONE OR MORE OF THE FOLLOWING CONTAMINANTS: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, CIS-1, 2-DICHLOROETHYLENE, VINYL CHLORIDE AND/OR BENZENE.

SOIL IN BORINGS B-33, B-44, B-48, B-50, AND B-52 EXCEEDED THE ASSOCIATED RESIDENTIAL RISK-BASED SCREENING LEVEL (15A NCAC 2S) FOR ONE OR MORE OF THE FOLLOWING CONTAMINANTS: TETRACHLOROETHYLENE AND/OR TRICHLOROETHYLENE.

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

DEED BOOK: _____

PAGE: _____

LEGEND

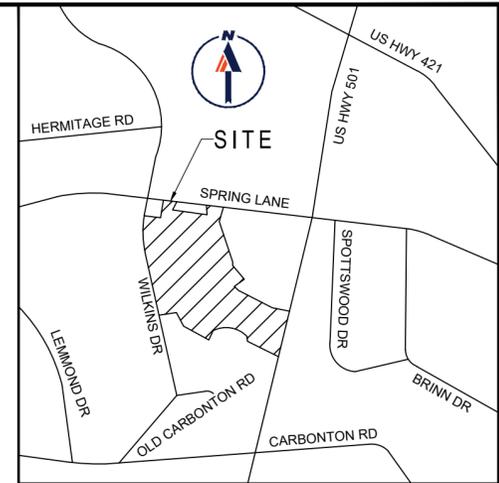
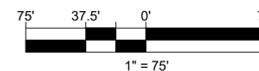
- LINE SURVEYED
- - - LINE NOT SURVEYED
- IRS IRON REBAR SET
- IPF IRON PIPE FOUND
- IRF IRON REBAR FOUND
- CP COMPUTED POINT
- SHALLOW MONITORING WELL
- ⊕ DEEP MONITORING WELL
- SOIL BORING
- ▨ AREA A
- ▩ AREA B
- ▧ AREA C
- ▦ AREA D
- N/F NOW OR FORMERLY

COORDINATE SYSTEM: US STATE PLANE 1983
 ZONE: NORTH CAROLINA 3200
 HORIZONTAL DATUM: NAD 83 (2011)
 VERTICAL DATUM: NAVD 88 (GEOID 12B)
 UNIT OF MEASURE: US SURVEY FEET

WELL ID	NORTHING	EASTING	ELEVATION (SEE NOTE #7)
DW-1	632011.29	1940022.51	284.44
DW-2	632141.01	1939607.49	278.62
MW-1	632007.12	1940023.76	284.22
MW-2	631923.30	1940046.79	283.56
MW-3	632070.88	1940026.05	284.18
MW-4	632116.69	1939925.46	282.00
MW-5	632049.83	1939858.22	283.00
MW-6	632342.70	1939787.85	272.22
MW-7	632098.06	1939709.99	281.56
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MW-10	631776.76	1940118.72	287.32
MW-11	632159.05	1939814.19	277.93
MW-12	632133.65	1939606.84	279.21
MW-13	632257.98	1939632.03	274.95
MW-14	631926.49	1939571.38	281.74
MW-15	631916.10	1940301.50	285.82
MW-16	632172.27	1939491.57	273.30
MW-17	632195.55	1939421.23	276.78
MW-18	632197.74	1939524.03	273.29
MW-19	632138.29	1939424.23	274.16
MW-20	631998.69	1939811.82	284.32



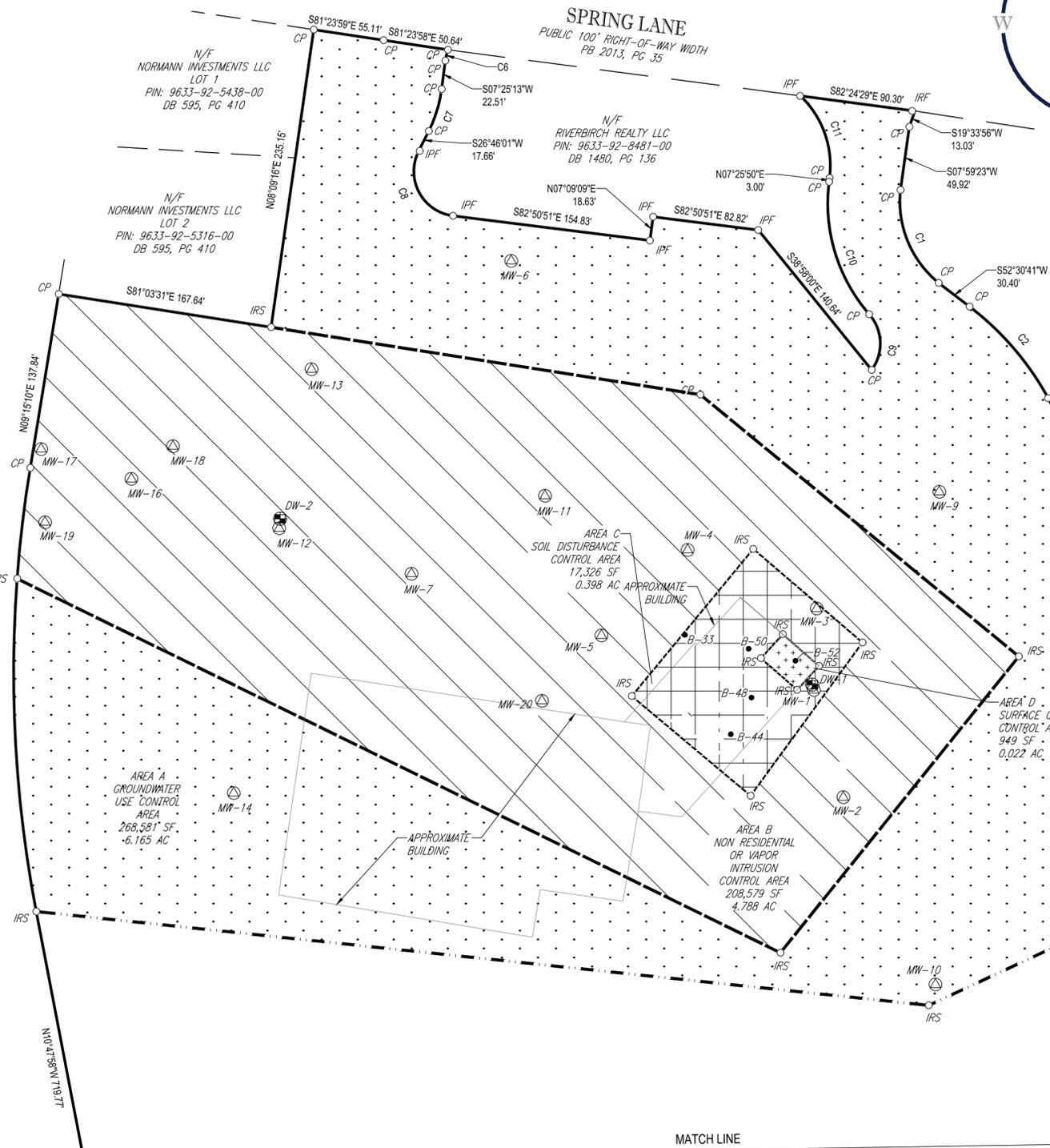
PRELIMINARY - NOT FOR RECORDATION,
 SALES OR CONVEYANCES



VICINITY MAP
 NOT TO SCALE

- REFERENCES:
 DB 1480, PG 136
 DB 1247, PG 66
 DB 1326, PG 378
 DB 1294, PG 1
 DB 1362, PG 941
 DB 1440, PG 356
 DB 595, PG 410
 PB 2013, PG 35

WILKINS DRIVE
 PUBLIC VARIABLE RIGHT-OF-WAY WIDTH



MATCH LINE
 SEE SHEET 1 FOR OVERALL

N/F RIVERBIRCH REALTY LLC
 PIN: 9643-01-0670-00
 DB 1480, PG 136
 PB 2013, PG 35
 1,522,115.90 SF
 OR
 34.94 ACRES

SURVEY PLAT - EXHIBIT A TO THE NOTICE OF DRY-CLEANING
 SOLVENT REMEDIATION
 OWNER: RIVERBIRCH REALTY, LLC
 DRYCLEAN EXPRESS, DSCA ID: DC530001
 PIN: 9643-01-0670-00
 1015 SPRING LANE,
 SANFORD, SANFORD TOWNSHIP, LEE COUNTY, NORTH CAROLINA

FILE NO. NS182004	BOHLER	4130 PARKLAKE AVENUE, SUITE 130 RALEIGH, NORTH CAROLINA 27612 919.578.9000	
DATE 04/17/2020		www.bohlerengineering.com	
FIELD DATE 07/19/2019	CREW CHIEF RJ	DRAWN DET	APPROVED TET
SCALE 1" = 75'	DWG. NO. 2 OF 2	■ UPSTATE NEW YORK ■ BOSTON ■ 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	

BOHLER ENGINEERING, ALL RIGHTS RESERVED. THE DRAWING OR USE OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THE ORIGINAL PROJECT OR THE DESIGN OR CONSTRUCTION OF THE PROJECT FOR WHICH IT WAS PREPARED, WITHOUT THE WRITTEN PERMISSION OF BOHLER ENGINEERING, IS PROHIBITED.

EXHIBIT B
PROPERTY LEGAL DESCRIPTION

Legal Description

BEGINNING AT A POINT, SAID POINT BEING A CONCRETE MONUMENT IN THE NORTHERLY MARGIN OF THE RIGHT-OF-WAY OF JEFFERSON DAVIS HIGHWAY, HAVING NORTH CAROLINA GRID COORDINATES OF N:631443.22, E:1941019.29 AND BEING THE POINT OF BEGINNING OF THE PROPERTY TO BE DESCRIBED; THENCE ALONG THE NORTHERN RIGHT-OF-WAY OF JEFFERSON DAVIS HIGHWAY THE FOLLOWING FIVE (5) COURSES AND DISTANCES: 1) THENCE SOUTH 11 DEGREES 06 MINUTES 35 SECONDS WEST A DISTANCE OF 182.96 FEET TO A CONCRETE MONUMENT; 2) THENCE SOUTH 30 DEGREES 00 MINUTES 32 SECONDS WEST A DISTANCE OF 129.58 FEET TO A CONCRETE MONUMENT; 3) THENCE SOUTH 26 DEGREES 08 MINUTES 53 SECONDS WEST A DISTANCE OF 100.82 FEET TO A POINT; 4) THENCE SOUTH 01 DEGREE 08 MINUTES 48 SECONDS EAST A DISTANCE OF 100.82 FEET TO CONCRETE MONUMENT; 5) THENCE SOUTH 00 DEGREES 37 MINUTES 10 SECONDS WEST A DISTANCE OF 72.58 FEET TO A POINT AT THE NORTHEAST PROPERTY CORNER OF IVON D. ROHRER, JR., (NOW OF FORMERLY) AS DESCRIBED IN DEED BOOK 499, PAGE 229 OF THE LEE COUNTY REGISTER OF DEEDS; THENCE ALONG THE NORTHERN PROPERTY LINE OF IVON D. ROHRER, JR THE FOLLOWING SEVEN (7) COURSES AND DISTANCES: 1) THENCE NORTH 78 DEGREES 58 MINUTES 05 SECONDS WEST A DISTANCE OF 320.11 FEET TO A POINT; 2) THENCE NORTH 33 DEGREES 03 MINUTES 27 SECONDS WEST A DISTANCE OF 44.06 FEET TO AN EXISTING IRON ROD; 3) THENCE NORTH 53 DEGREES 39 MINUTES 45 SECONDS WEST A DISTANCE OF 53.76 FEET TO AN EXISTING IRON ROD; 4) THENCE NORTH 75 DEGREES 00 MINUTES 14 SECONDS WEST A DISTANCE OF 120.43 FEET TO AN EXISTING IRON ROD; 5) THENCE SOUTH 70 DEGREES 04 MINUTES 29 SECONDS WEST A DISTANCE OF 84.77 FEET TO A POINT; 6) THENCE SOUTH 35 DEGREES 03 MINUTES 26 SECONDS WEST A DISTANCE OF 38.47 FEET TO AN EXISTING IRON ROD; 7) THENCE SOUTH 30 DEGREES 56 MINUTES 50 SECONDS WEST A DISTANCE OF 153.41 FEET TO A POINT IN THE NORTHERN LINE OF DONALD R. SIMPSON, (NOW OR FORMERLY) AS RECORDED IN DEED BOOK 1036, PAGE 538, SAID POINT ALSO BEING IN BIG BUFFALO CREEK; THENCE ALONG PROPERTY LINE OF DONALD R. SIMPSON AND BIG BUFFALO CREEK THE FOLLOWING SEVEN (7) COURSES AND DISTANCES: 1) THENCE NORTH 53 DEGREES 52 MINUTES 10 SECONDS WEST A DISTANCE OF 113.24 FEET TO A POINT; 2) THENCE NORTH 76 DEGREES 13 MINUTES 09 SECONDS WEST A DISTANCE OF 54.79 FEET TO A POINT; 3) THENCE NORTH 55 DEGREES 38 MINUTES 48 SECONDS WEST A DISTANCE OF 121.74 FEET TO A POINT; 4) THENCE NORTH 35 DEGREES 54 MINUTES 57 SECONDS WEST A DISTANCE OF 74.45 FEET TO A POINT; 5) THENCE SOUTH 87 DEGREES 06 MINUTES 38 SECONDS WEST A DISTANCE OF 56.81 FEET TO A POINT; 6) THENCE NORTH 36 DEGREES 43 MINUTES 55 SECONDS WEST A DISTANCE OF 50.49 FEET TO A POINT; 7) THENCE NORTH 43 DEGREES 19 MINUTES 29 SECONDS WEST A DISTANCE OF 101.86 FEET TO A POINT IN THE NORTHERN PROPERTY LINE OF DONALD R. SIMPSON; THENCE WITH THE NORTHERN PROPERTY LINE OF DONALD R. SIMPSON SOUTH 75 DEGREES 22 SECONDS 18 SECONDS WEST FOR A DISTANCE OF 200.85 FEET TO A POINT IN THE EASTERN RIGHT OF WAY OF WILKINS DRIVE; THENCE ALONG EASTERN RIGHT OF WAY OF WILKINS DRIVE THE FOLLOWING THREE (3) COURSES AND DISTANCES: 1) THENCE NORTH 11 DEGREES 01 MINUTE 47 SECONDS WEST A DISTANCE OF 719.77 FEET TO A POINT; 2) THENCE WITH A CURVE TURNING TO THE RIGHT WITH AN ARC LENGTH OF 348.72 FEET, WITH A RADIUS OF 996.41 FEET, WITH A CHORD BEARING OF NORTH 01 DEGREE 00 MINUTES 13 SECONDS WEST, WITH A CHORD LENGTH OF 346.94 FEET; 3) THENCE NORTH 09 DEGREES 01 MINUTE 21 SECONDS EAST A DISTANCE OF 137.84 FEET TO A POINT AT THE SOUTHWEST PROPERTY CORNER OF NORMAN INVESTMENTS, LLC, (NOW OR FORMERLY) AS DESCRIBED IN DEED BOOK 595, PAGE 410; THENCE WITH THE LINE OF NORMAN INVESTMENTS, LLC THE FOLLOWING TWO (2) COURSES AND DISTANCES: 1) THENCE SOUTH 81 DEGREES 17 MINUTES 20 SECONDS EAST A DISTANCE OF 167.64 FEET TO A POINT; 2) THENCE NORTH 07 DEGREES 55 MINUTES 27 SECONDS EAST A DISTANCE OF 235.15 FEET TO A POINT IN THE SOUTHERN RIGHT-OF-WAY OF SPRING LANE AS DESCRIBED IN DEED BOOK 1013, PAGE 722. THENCE ALONG THE RIGHT-OF-WAY OF SPRING LANE THE FOLLOWING THREE (3) COURSES AND DISTANCES: 1) THENCE SOUTH 81

DEGREES 22 MINUTES 31 SECONDS EAST A DISTANCE OF 106.58 FEET TO A POINT; 2) THENCE SOUTH 82 DEGREES 31 MINUTES 37 SECONDS EAST A DISTANCE OF 276.10 FEET TO AN EXISTING IRON ROD; 3) THENCE SOUTH 82 DEGREES 23 MINUTES 02 SECONDS EAST A DISTANCE OF 88.34 FEET TO AN EXISTING IRON ROD IN THE NORTHWEST PROPERTY CORNER OF IVON D. ROHRER, JR. (NOW OR FORMERLY) AS DESCRIBED IN DEED BOOK 499, PAGE 235, THENCE ALONG THE PROPERTY LINE OF IVON D. ROHRER, JR., THE FOLLOWING SIXTEEN (16) COURSES AND DISTANCES: 1) THENCE SOUTH 19 DEGREES 20 MINUTES 07 SECONDS WEST A DISTANCE OF 14.10 FEET TO A POINT; 2) THENCE SOUTH 07 DEGREES 45 MINUTES 34 SECONDS WEST A DISTANCE OF 49.92 FEET TO A POINT; 3) THENCE WITH A CURVE TURNING TO THE LEFT WITH AN ARC LENGTH OF 81.95 FEET, WITH A RADIUS OF 82.38 FEET, WITH A CHORD BEARING OF SOUTH 22 DEGREES 28 MINUTES 55 SECONDS EAST, WITH A CHORD LENGTH OF 78.61 FEET TO A POINT; 4) THENCE SOUTH 52 DEGREES 44 MINUTES 30 SECONDS EAST A DISTANCE OF 30.40 FEET TO A POINT; 5) THENCE WITH A CURVE TURNING TO THE RIGHT WITH AN ARC LENGTH OF 94.85 FEET, WITH A RADIUS OF 227.00 FEET, WITH A CHORD BEARING OF SOUTH 40 DEGREES 46 MINUTES 22 SECONDS EAST, WITH A CHORD LENGTH OF 94.16 FEET TO A POINT; 6) THENCE SOUTH 29 DEGREES 38 MINUTES 57 SECONDS EAST A DISTANCE OF 219.56 FEET TO A POINT; 7) THENCE SOUTH 28 DEGREES 59 MINUTES 35 SECONDS EAST A DISTANCE OF 59.05 FEET TO AN EXISTING IRON ROD; 8) THENCE SOUTH 29 DEGREES 05 MINUTES 24 SECONDS EAST A DISTANCE OF 22.00 FEET TO A POINT; 9) THENCE WITH A CURVE TURNING TO THE RIGHT WITH AN ARC LENGTH OF 96.34 FEET WITH A RADIUS OF 147.00 FEET, WITH A CHORD BEARING OF SOUTH 10 DEGREES 32 MINUTES 48 SECONDS EAST, WITH A CHORD LENGTH OF 94.63 FEET TO A POINT; 10) THENCE SOUTH 45 DEGREES 31 MINUTES 31 SECONDS EAST A DISTANCE OF 187.44 FEET TO A POINT; 11) THENCE SOUTH 46 DEGREES 58 MINUTES 16 SECONDS WEST A DISTANCE OF 146.51 FEET TO AN EXISTING IRON ROD; 12) THENCE SOUTH 39 DEGREES 50 MINUTES 17 SECONDS EAST A DISTANCE OF 5.25 FEET TO A POINT; 13) THENCE WITH A CURVE TURNING TO THE LEFT WITH AN ARC LENGTH OF 68.46 FEET, WITH A RADIUS OF 168.50 FEET, WITH A CHORD BEARING OF SOUTH 54 DEGREES 15 MINUTES 49 SECONDS EAST, WITH A CHORD LENGTH OF 67.99 FEET TO A POINT; 14) THENCE SOUTH 69 DEGREES 37 MINUTES 31 SECONDS EAST A DISTANCE OF 10.69 FEET TO AN EXISTING IRON ROD; 15) THENCE SOUTH 69 DEGREES 54 MINUTES 22 SECONDS EAST A DISTANCE OF 374.14 FEET TO A POINT; 16) THENCE SOUTH 81 DEGREES 40 MINUTES 23 SECONDS EAST A DISTANCE OF 205.16 FEET TO THE POINT OF BEGINNING. SAID PROPERTY CONTAINING 35.660 ACRES MORE OR LESS, AND AS MORE PARTICULARLY DESCRIBED ON THAT CERTAIN SURVEY ENTITLED, "ATLA/ACSM SURVEY OF RIVERBIRCH CORNERS CITY OF SANFORD, LEE COUNTY, NORTH CAROLINA" PREPARED BY LANDESIGN SURVEYING, DATED FEBRUARY 11, 2007, LAST REVISED APRIL 10, 2007.

TOGETHER WITH ALL OF GRANTOR'S RIGHT, TITLE AND INTEREST IN AND TO THE DECLARATION OF EASEMENT RECORDED 04/23/07 IN BOOK 1080, PAGE 974.

Appendix D
Example of Annual Certification of Land-Use Restrictions



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL SCOTT
Director

<date>

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

Subj: Annual Certification of Land-Use Restrictions
Dryclean Express, 1117 Spring Lane
Sanford, Lee County, North Carolina
DSCA Site # DC530001

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 7 of the Notice by submitting to DEQ a notarized Annual Certification of Land-Use Restrictions certifying that the Notice remains recorded at the Lee 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 **March 5, 20__** at the following address:

NCDEQ
Division of Waste Management
DSCA/AI 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 # DC530001 File



Annual Certification of Land-Use Restrictions

Site Name: Dryclean Express
Site Address: 1117 Spring Lane, Sanford, Lee County
DSCA ID No: DC530001

ANNUAL CERTIFICATION of LAND-USE RESTRICTIONS

Pursuant to land-use restriction number 7 (the land-use restrictions are included as part of this form for reference) in the Notice of Dry-Cleaning Solvent Remediation (Notice) signed by Riverbirch Realty LLC and recorded in Deed Book _____, Page _____ on _____ at the Lee County Register of Deeds Office, Riverbirch Realty LLC 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 Lee County Register of Deeds office and the land-use restrictions therein are being complied with.

Duly executed this _____ day of _____, 20__.

Riverbirch Realty LLC
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 E
Example Documents Announcing the Public Comment Period



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL SCOTT
Director

<date>

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

Subj: Dry-Cleaning Solvent Contamination Associated with Dryclean Express, 1117
Spring Lane, Sanford, Lee County, NC DSCA ID # DC530001

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 Dryclean Express at 1117 Spring Lane in Sanford, North Carolina. 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, 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 # DC530001 File



Public Notice

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

**N.C. Department of Environment and Natural Resources
Division of Waste Management
Dry-Cleaning Solvent Cleanup Act (DSCA) Program**

Dryclean Express
DSCA Site # DC530001

Pursuant to N.C.G.S. §143-215.104L, on behalf of Riverbirch Realty LLC, the North Carolina Department of Environment and Natural Resources' (NCDENR'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.

Dryclean Express conducts dry-cleaning operations at the Riverbirch Corner shopping center at 1117 Spring Lane, in Sanford, North Carolina. The property is currently occupied by the Dryclean Express facility. Dry-cleaning solvent contamination in soil and/or groundwater has been identified at the following parcel:

1015 Spring Lane, in Sanford; Parcel No. 9643-01-0670-00

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 <http://portal.ncdenr.org/web/wm/DSCA/PublicNotices>.

The public comment period begins [REDACTED], 20[REDACTED], and ends [REDACTED], 20[REDACTED].

Comments must be in writing and submitted to NCDENR no later than [REDACTED], 20[REDACTED]. Written requests for a public meeting may be submitted to NCDENR no later than [REDACTED], 20[REDACTED]. 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, NCDENR
1646 Mail Service Center
Raleigh, North Carolina 27699-1646



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL SCOTT
Director

<Date>

Mr. Phillip Hegwer
City Manager
225 E Weatherspoon Street
P.O. Box 3729
Sanford, NC 27331

Subj: Remediation of Dry-Cleaning Solvent Contamination
DSCA Site # DC530001
Dryclean Express, 1117 Spring Lane, Sanford

Dear Mr. Hegwer,

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-notice-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 Sanford Herald, 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

MICHAEL S. REGAN
Secretary

MICHAEL SCOTT
Director

<Date>

William Heath Cain
Lee County Health Director
106 Hillcrest Drive
Sanford, NC 27330

Subj: Remediation of Dry-Cleaning Solvent Contamination
DSCA Site # DC530001
Dryclean Express, 1117 Spring Lane, Sanford

Dear Mr. Cain:

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).

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<https://deq.nc.gov/about/divisions/waste-management/superfund-section/special-remediation-branch/dsca-public-notices-announcements>

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



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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

