

ROY COOPER
Governor

MARY PENNY KELLEY
Secretary

MICHAEL SCOTT
Director



URGENT MATTER – PROMPT REPLY REQUESTED

October 23, 2024

Peri Manns
Deputy Director of Engineering and Environmental Services
Durham County
201 E. Main Street, 5th Floor
Durham, NC 27701

Re: Subsurface Contamination Investigation Associated with Dry-Cleaning Facility Located at Scott & Roberts Cleaners, 733 Foster Street, Durham (Durham County)
DSCA Site ID: DC320011

Dear Mr. Manns:

The North Carolina Division of Waste Management (Division) is investigating the release of hazardous substances, pollutants or contaminants at the facility listed above. After careful review of all the information provided, it is possible that the subsurface contamination extends beyond the facility's property.

The Division has a program to address these types of releases, called the Dry-Cleaning Solvent Cleanup Act (DSCA) Program. The DSCA Program uses independent contractors hired by the Division to investigate and remediate any contamination related to the dry-cleaning facility. The DSCA Program's contractor for this project is AECOM Technical Services of North Carolina (AECOM). To assist in this investigation, the Division is requesting that you grant access to your property to allow the Division's independent contractor, AECOM, to conduct additional assessment activities. Please find an attached *Off-Site Property Access Consent* for your signature.

Since additional site activities cannot be performed without completion of this form, the Division would appreciate your prompt return of the form to:

Michelle Friedman
AECOM
5438 Wade Park Boulevard, Suite 200
Raleigh, NC 27607

If you have any questions regarding the status of site activities or the *Off-Site Property Access Consent*, please do not hesitate to contact the DSCA Program's approved contractor for this project, Michelle Friedman with AECOM, Michelle.Friedman@aecom.com or (919) 461-1422. If you still have questions after contacting Ms. Friedman with AECOM, please contact the DSCA Program Project Manager, Mr. Billy Meyer at Billy.Meyer@ncdenr.gov or 919-707-8366.

Thank you for your cooperation.

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PROPERTY ACCESS CONSENT

This document may not be modified without the Program's approval. If you have questions on how to fill out this form or about the activities at this site, please call the Dry-cleaning Solvent Cleanup Program's contractor for this project, Michelle Friedman with AECOM Technical Services of North Carolina (AECOM) at michelle.friedman@aecom.com or (919)461-1422. If you still have questions after contacting Ms. Friedman with AECOM, please contact the DSCA Program Project Manager, Mr. Billy Meyer at Billy.Meyer@ncdenr.gov or 919-707-8366.

For DSCA Use Only
DSCA ID No.

DC320011

Please Print

County of Durham

(Name of Property Owner or Tenant in Residence)

721 Foster Street / PIN 0822-80-95-9478

(Street Number and Street Name of Property)

Durham, North Carolina 27701

(City or Town in Which Property Is Located) / (County in Which Property is Located) / (Zip Code)

I voluntarily consent to the Division of Waste Management (Division) and its independent contractors (contractors) entering and having continued access to my property for the following purposes:

- (1) Install a monitoring well MW-17 at the location shown on Attachment 1, Additional Assessment Locations.
- (2) Install and sample four temporary sub-slab vapor points (SSV-101 to SSV-104) at the approximate locations shown on Attachment 1, Additional Assessment Locations.
- (3) Collect groundwater samples from monitoring wells MW-11, MW-16, and MW-17. Results of sampling can be provided upon request.

Other conditions:

- (1) The Division and its contractors shall attempt to perform any activities at the Property in a manner that minimizes interference with use of the Property.
- (2) On conclusion of all activities, the Division and its contractors shall, to the extent practicable, restore the Property to the original condition it was in prior to any activities conducted by the Division or its contractors. All monitoring wells will be properly abandoned in accordance with

applicable laws and regulations, unless other arrangements are agreed to by the Property Owner.

- (3) The Division or its contractors will make reasonable attempts to notify the Property Owner at least 48 hours prior to entering the Property for any purpose. In situations that the Division determines to be of an emergency nature, the Division or its contractors shall have immediate access to the property.
- (4) Property Owner shall not willingly destroy, damage, remove, pave over or cover any monitoring wells at the site without prior consent of the Division.

By signing this consent document, I acknowledge that I am the legal property owner or tenant in residence that has the authority to allow this work on the property and have contacted all tenants (if there are tenants) occupying the property and all tenants agree to the conditions of this "Property Access Consent".

(Signature of Property Owner or Tenant in Residence)

(Date)

(Telephone Number for Property Owner or Tenant in Residence for scheduling work/notification)

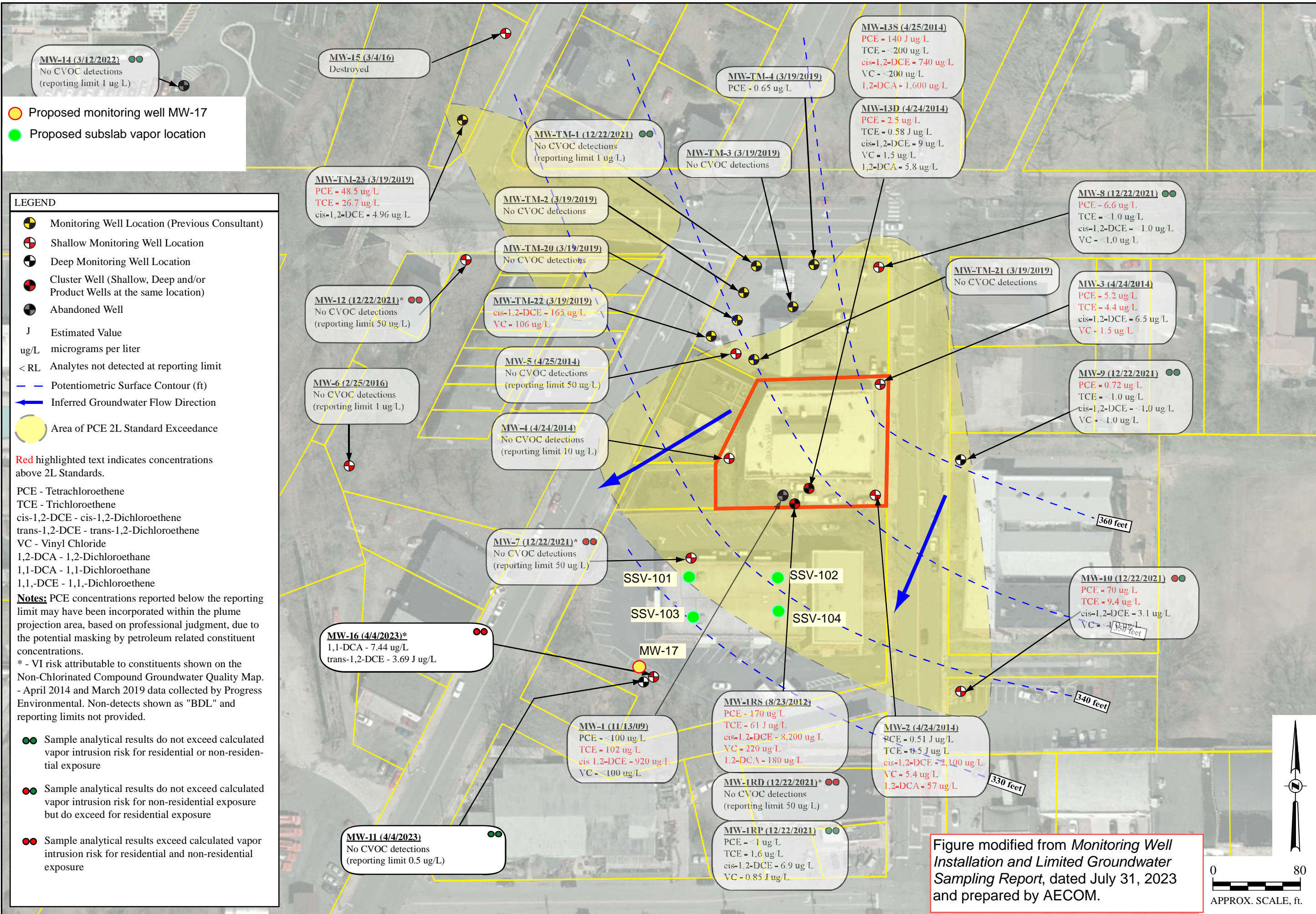
(Email Address for Property Owner or Tenant in Residence if you prefer to be contacted via email)

Please return form to:

**Michelle Friedman
AECOM
5438 Wade Park Boulevard, Suite 200
Raleigh, NC 27607
Phone (919) 461-1422**

Or via email to: michelle.friedman@AECOM.com





MW-14 (3/12/2022) ●●
No CVOC detections
(reporting limit 1 ug/L)

● Proposed monitoring well MW-17
● Proposed subslab vapor location

LEGEND

- Monitoring Well Location (Previous Consultant)
- ⊕ Shallow Monitoring Well Location
- ⊖ Deep Monitoring Well Location
- ⊕⊖ Cluster Well (Shallow, Deep and/or Product Wells at the same location)
- ⊖ Abandoned Well
- J Estimated Value
- ug/L micrograms per liter
- < RL Analytes not detected at reporting limit
- - - Potentiometric Surface Contour (ft)
- ➔ Inferred Groundwater Flow Direction
- Area of PCE 2L Standard Exceedance

Red highlighted text indicates concentrations above 2L Standards.

PCE - Tetrachloroethene
TCE - Trichloroethene
cis-1,2-DCE - cis-1,2-Dichloroethene
trans-1,2-DCE - trans-1,2-Dichloroethene
VC - Vinyl Chloride
1,2-DCA - 1,2-Dichloroethane
1,1-DCA - 1,1-Dichloroethane
1,1,-DCE - 1,1,-Dichloroethene

Notes: PCE concentrations reported below the reporting limit may have been incorporated within the plume projection area, based on professional judgment, due to the potential masking by petroleum related constituent concentrations.

* - VI risk attributable to constituents shown on the Non-Chlorinated Compound Groundwater Quality Map - April 2014 and March 2019 data collected by Progress Environmental. Non-detects shown as "BDL" and reporting limits not provided.

- Sample analytical results do not exceed calculated vapor intrusion risk for residential or non-residential exposure
- Sample analytical results do not exceed calculated vapor intrusion risk for non-residential exposure but do exceed for residential exposure
- Sample analytical results exceed calculated vapor intrusion risk for residential and non-residential exposure

MW-15 (3/4/16) Destroyed

MW-TM-1 (12/22/2021) ●●
No CVOC detections
(reporting limit 1 ug/L)

MW-TM-2 (3/19/2019) No CVOC detections

MW-TM-3 (3/19/2019) No CVOC detections

MW-TM-4 (3/19/2019) PCE = 0.65 ug/L

MW-TM-5 (4/25/2014) PCE = 140 J ug/L
TCE = ~200 ug/L
cis-1,2-DCE = 740 ug/L
VC = ~200 ug/L
1,2-DCA = 1,600 ug/L

MW-TM-6 (4/24/2014) PCE = 2.5 ug/L
TCE = 0.58 J ug/L
cis-1,2-DCE = 9 ug/L
VC = 1.5 ug/L
1,2-DCA = 5.8 ug/L

MW-TM-7 (12/22/2021) ●●
PCE = 48.5 ug/L
TCE = 26.7 ug/L
cis-1,2-DCE = 4.96 ug/L

MW-TM-8 (3/19/2019) No CVOC detections

MW-TM-9 (3/19/2019) No CVOC detections

MW-TM-10 (3/19/2019) No CVOC detections

MW-TM-11 (3/19/2019) No CVOC detections

MW-TM-12 (3/19/2019) cis-1,2-DCE = 165 ug/L
VC = 106 ug/L

MW-TM-13 (4/24/2014) PCE = 5.2 ug/L
TCE = 4.4 ug/L
cis-1,2-DCE = 6.5 ug/L
VC = 1.5 ug/L

MW-TM-14 (12/22/2021) ●●
PCE = 6.6 ug/L
TCE = ~1.0 ug/L
cis-1,2-DCE = <1.0 ug/L
VC = <1.0 ug/L

MW-TM-15 (3/19/2019) No CVOC detections

MW-TM-16 (12/22/2021)* ●●
No CVOC detections
(reporting limit 50 ug/L)

MW-TM-17 (3/19/2019) No CVOC detections

MW-TM-18 (3/19/2019) No CVOC detections

MW-TM-19 (3/19/2019) No CVOC detections

MW-TM-20 (3/19/2019) No CVOC detections

MW-TM-21 (3/19/2019) No CVOC detections

MW-1 (11/13/09) PCE = <100 ug/L
TCE = 102 ug/L
cis-1,2-DCE = 920 ug/L
VC = <100 ug/L

MW-2 (4/24/2014) PCE = 0.51 J ug/L
TCE = 0.5 J ug/L
cis-1,2-DCE = 2,100 ug/L
VC = 5.4 ug/L
1,2-DCA = 57 ug/L

MW-3 (4/24/2014) PCE = 5.2 ug/L
TCE = 4.4 ug/L
cis-1,2-DCE = 6.5 ug/L
VC = 1.5 ug/L

MW-4 (4/24/2014) No CVOC detections
(reporting limit 10 ug/L)

MW-5 (4/25/2014) No CVOC detections
(reporting limit 50 ug/L)

MW-6 (2/25/2016) No CVOC detections
(reporting limit 1 ug/L)

MW-7 (12/22/2021)* ●●
No CVOC detections
(reporting limit 50 ug/L)

MW-8 (12/22/2021) ●●
PCE = 0.72 ug/L
TCE = <1.0 ug/L
cis-1,2-DCE = <1.0 ug/L
VC = <1.0 ug/L

MW-9 (12/22/2021) ●●
PCE = 0.72 ug/L
TCE = <1.0 ug/L
cis-1,2-DCE = <1.0 ug/L
VC = <1.0 ug/L

MW-10 (12/22/2021) ●●
PCE = 70 ug/L
TCE = 9.4 ug/L
cis-1,2-DCE = 3.1 ug/L
VC = 1.3 ug/L

MW-11 (4/4/2023) ●●
No CVOC detections
(reporting limit 0.5 ug/L)

MW-12 (12/22/2021)* ●●
No CVOC detections
(reporting limit 50 ug/L)

MW-13 (8/23/2012) PCE = 170 ug/L
TCE = 61 J ug/L
cis-1,2-DCE = 8,200 ug/L
VC = 220 ug/L
1,2-DCA = 180 ug/L

MW-14 (3/12/2022) ●●
No CVOC detections
(reporting limit 1 ug/L)

MW-15 (3/4/16) Destroyed

MW-16 (4/4/2023)* ●●
1,1-DCA = 7.44 ug/L
trans-1,2-DCE = 3.69 J ug/L

MW-17 ●●

MW-18 (12/22/2021)* ●●
No CVOC detections
(reporting limit 50 ug/L)

MW-19 (12/22/2021) ●●
PCE = <1 ug/L
TCE = 1.6 ug/L
cis-1,2-DCE = 6.9 ug/L
VC = 0.83 J ug/L

SSV-101 ●

SSV-102 ●

SSV-103 ●

SSV-104 ●

Figure modified from *Monitoring Well Installation and Limited Groundwater Sampling Report*, dated July 31, 2023 and prepared by AECOM.



Additional Assessment Locations
Scott & Roberts Cleaners
733 Foster Street
Durham, NC
DSCA Site ID DC320011

AECOM TECHNICAL SERVICES OF
NORTH CAROLINA, INC.
6000 FAIRVIEW ROAD, SUITE 200
CHARLOTTE, NC 28210
TEL: (704) 522-0330
FAX: (704) 522-0063



DRAWN BY: EMM - 4/12/2023
CHECKED BY: TBD
PROJECT NO.: 60670225

SHEET:
Attach 1